

D/TE 09/28/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000025041

APPLICANT HUGO ESCALANTE PHONE 288-8666
ADDRESS P.O. BOX 280 FT. WHITE FL 32038
OWNER KINGDOM PROPERTIES PHONE 288-8666
ADDRESS 1123 SW CATES ST FT. WHITE FL 32038
CONTRACTOR HUGO ESCALANTE PHONE 288-8666
LOCATION OF PROPERTY 47S, TL ON CATES RD, 1 MILE ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 108350.00
HEATED FLOOR AREA 2167.00 TOTAL AREA 2862.00 HEIGHT 1 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 14-5S-16-03621-204 SUBDIVISION CATES
LOT 4 BLOCK PHASE UNIT TOTAL ACRES

000001217
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 06-0860-N BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 4578

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 545.00 CERTIFICATION FEE \$ 14.31 SURCHARGE FEE \$ 14.31
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 673.62

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

4578

Revised 9-23-04

For Office Use Only Application # 0609.50 Date Received 9/19 By JW Permit # 1217/25041
 Application Approved by - Zoning Official BLK Date 22.09.06 Plans Examiner OK JTIT Date 9-22-06
 Flood Zone X P1st Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Varred: En. NEN 118

Applicants Name Hugo Escalante Phone 386-288-8666
 Address P.O. BOX 280, Ford White, FL 32038
 Owners Name Kingdom Properties INC Phone 386-288-8666/386-758-1777
 911 Address 1123 S.W. Cedar St, Ford White, FL
 Contractors Name Hugo Escalante, EWPL INC Phone 386 288 8666
 Address P.O. BOX 280, Ford White, FL 32038
 Fee Simple Owner Name & Address NONE
 Bonding Co. Name & Address NONE
 Architect/Engineer Name & Address Daniel Shaheen, Lake City, Florida
 Mortgage Lenders Name & Address NONE
 Circle the correct power company - FL Power & Light - Clay Elec - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 14-55-16-03621-284 Estimated Cost of Construction 180,000
 Subdivision Name Cates Subdivision Lot 4 Block Unit Phase
 Driving Directions South 47 From Lake City, T/L on Cates RD, Property 1 mile on left.

Type of Construction NSF Number of Existing Dwellings on Property 0
 Total Acreage 5 Lot Size 5ACRE Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 250' Side 75' Side 75' Rear 250'
 Total Building Height 20'-4" Number of Stories 1 Heated Floor Area 2167 Sq Ft Roof Pitch 6-12
TOTAL 2862

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

STATE OF FLORIDA
 COUNTY OF COLUMBIA



CARRIE L. REVELLE
 MY COMMISSION # DD 100
 EXPIRES: February 11, 2007
 Bonded Thru Notary Public Underwriters

Contractors License Number CRC1326967
 Competency Card Number
 NOTARY STAMP/SEAL

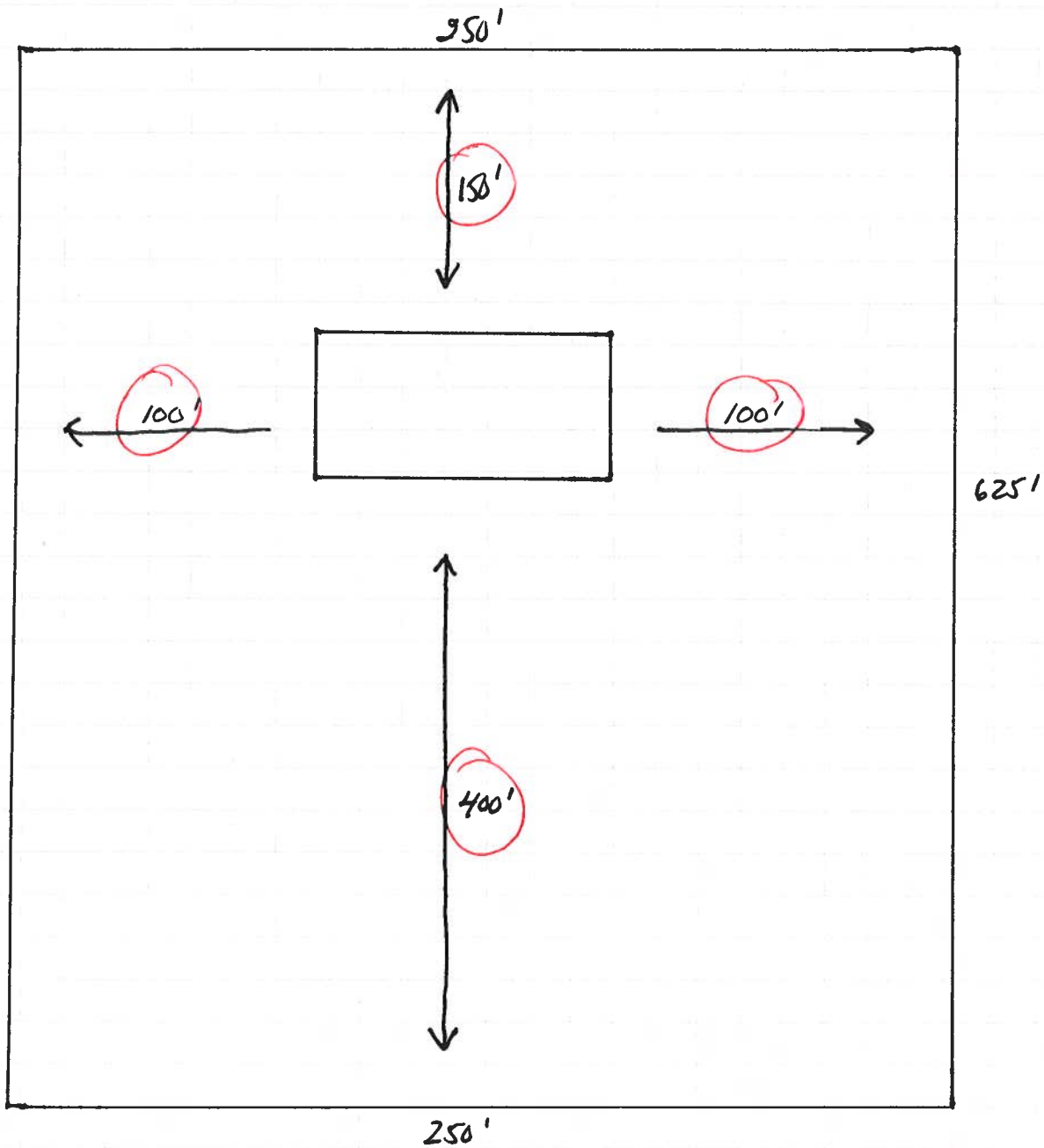
Sworn to (or affirmed) and subscribed before me

this 19th day of September 2006.

Personally known ✓ or Produced Identification

Carrie L. Revelle
 Notary Signature

Lot 4 Cades
911 Address: 1123 S.W. Cades St
Parcel #: 14-58-16-03621-204



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 14-55-16-03621-204

1. Description of property: (legal description of the property and street address or 911 address)
Lot 4 Cades Road, S/D WD 1024-191
911 Address: 1123 S.W. Cade Rd, Fort White, FL 32038
2. General description of improvement: New Single Family Residence
3. Owner Name & Address Kingdom Properties, P.O. Box 160
Fort White, FL 32038 Interest in Property 100%
4. Name & Address of Fee Simple Owner (if other than owner): N/A
5. Contractor Name Hugo Escalante (EWPL INC) Phone Number 386-288-8666
Address P.O. Box 280, Fort White, FL 32038
6. Surety Holders Name N/A Phone Number _____
Address N/A
Amount of Bond N/A Inst: 2006022409 Date: 09/20/2006 Time: 11:32
S. J. DC, P. DeWitt Cason, Columbia County B: 1096 P: 1542
7. Lender Name N/A
Address N/A
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 386-2888666
Address P.O. Box 280, Fort White, FL 32038
9. In addition to himself/herself the owner designates Marlean Castro of
Fort White to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee 386-758-1777
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) _____

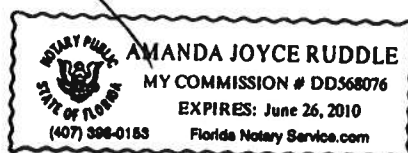
NOTICE AS PER CHAPTER 713, Florida Statutes:

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

Sworn to (or affirmed) and subscribed before
day of September 12, 2006

NOTARY STAMP/SEAL

Signature of Owner



Signature of Notary

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: LOT 4 CATES ROAD Address: Lot: 4, Sub: CATES ROAD, Plat: City, State: Fort White, FL Owner: EWPL INC Climate Zone: North	Builder: EWPL INC Permitting Office: Columbia Permit Number: 25041 Jurisdiction Number: 221000
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1. New construction or existing New ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 3 ☐ 5. Is this a worst case? No ☐ 6. Conditioned floor area (ft²) 2167 ft² ☐ 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">a. U-factor:</th> <th style="text-align: left;">Description</th> <th style="text-align: left;">Area</th> </tr> <tr> <td colspan="3">(or Single or Double DEFAULT) 7a. (Dble Default) 287.3 ft² ☐</td> </tr> <tr> <td colspan="3">b. SHGC:</td> </tr> <tr> <td colspan="3">(or Clear or Tint DEFAULT) 7b. (Clear) 287.3 ft² ☐</td> </tr> </table> 8. Floor types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 50%;">R=0.0, 210.0(p) ft ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 9. Wall types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Frame, Wood, Adjacent</td> <td style="width: 50%;">R=13.0, 176.0 ft² ☐</td> </tr> <tr> <td>b. Frame, Wood, Exterior</td> <td>R=13.0, 1714.0 ft² ☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> <tr> <td>d. N/A</td> <td>☐</td> </tr> <tr> <td>e. N/A</td> <td>☐</td> </tr> </table> 10. Ceiling types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Under Attic</td> <td style="width: 50%;">R=30.0, 2167.0 ft² ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 11. Ducts <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="width: 50%;">Sup. R=128.0, 6.0 ft ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> </table>	a. U-factor:	Description	Area	(or Single or Double DEFAULT) 7a. (Dble Default) 287.3 ft² ☐			b. SHGC:			(or Clear or Tint DEFAULT) 7b. (Clear) 287.3 ft² ☐			a. Slab-On-Grade Edge Insulation	R=0.0, 210.0(p) ft ☐	b. N/A	☐	c. N/A	☐	a. Frame, Wood, Adjacent	R=13.0, 176.0 ft² ☐	b. Frame, Wood, Exterior	R=13.0, 1714.0 ft² ☐	c. N/A	☐	d. N/A	☐	e. N/A	☐	a. Under Attic	R=30.0, 2167.0 ft² ☐	b. N/A	☐	c. N/A	☐	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=128.0, 6.0 ft ☐	b. N/A	☐	12. Cooling systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Central Unit</td> <td style="width: 50%;">Cap: 36.0 kBtu/hr ☐</td> </tr> <tr> <td></td> <td>SEER: 13.00 ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 13. Heating systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Electric Heat Pump</td> <td style="width: 50%;">Cap: 36.0 kBtu/hr ☐</td> </tr> <tr> <td></td> <td>HSPF: 7.20 ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 14. Hot water systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Electric Resistance</td> <td style="width: 50%;">Cap: 40.0 gallons ☐</td> </tr> <tr> <td></td> <td>EF: 0.92 ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. Conservation credits</td> <td>☐</td> </tr> <tr> <td colspan="2">(HR-Heat recovery, Solar</td> </tr> <tr> <td colspan="2">DHP-Dedicated heat pump)</td> </tr> </table> 15. HVAC credits <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">(CF-Ceiling fan, CV-Cross ventilation,</td> </tr> <tr> <td colspan="2">HF-Whole house fan,</td> </tr> <tr> <td colspan="2">PT-Programmable Thermostat,</td> </tr> <tr> <td colspan="2">MZ-C-Multizone cooling,</td> </tr> <tr> <td colspan="2">MZ-H-Multizone heating)</td> </tr> </table>	a. Central Unit	Cap: 36.0 kBtu/hr ☐		SEER: 13.00 ☐	b. N/A	☐	c. N/A	☐	a. Electric Heat Pump	Cap: 36.0 kBtu/hr ☐		HSPF: 7.20 ☐	b. N/A	☐	c. N/A	☐	a. Electric Resistance	Cap: 40.0 gallons ☐		EF: 0.92 ☐	b. N/A	☐	c. Conservation credits	☐	(HR-Heat recovery, Solar		DHP-Dedicated heat pump)		(CF-Ceiling fan, CV-Cross ventilation,		HF-Whole house fan,		PT-Programmable Thermostat,		MZ-C-Multizone cooling,		MZ-H-Multizone heating)	
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Glass/Floor Area: 0.16

Total as-built points: 28462

Total base points: 31599

PASS

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

PREPARED BY: [Signature]

DATE: 8-14-06

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: _____



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

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: CATES ROAD, Plat: , Fort White, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: CATES ROAD, Plat: , Fort White, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X Credit = Total
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						
3		2635.00	7905.0	40.0	0.92	3		1.00	2635.00 1.00 7905.0
				As-Built Total:					7905.0

CODE COMPLIANCE STATUS

BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
12489		11205		7905		31599	8496		12061		7905		28462

PASS

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: CATES ROAD, Plat: , Fort White, FL,

PERMIT #:

BASE			AS-BUILT		
INFILTRATION Area X BWPM = Points			Area X WPM = Points		
2167.0	-0.59	-1278.5	2167.0	-0.59	-1278.5
Winter Base Points:		17859.0	Winter As-Built Points:		22245.6
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points		
			(System - Points)	(DM x DSM x AHU)	
			(sys 1: Electric Heat Pump 36000 btuh ,EFF(7.2) Ducts:Unc(S),Unc(R),Int(AH),R128.0		
17859.0	0.6274	11204.7	22245.6	1.000	12061.2
			22245.6	1.00	12061.2
			1.145	0.474	1.000

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: CATES ROAD, Plat: , Fort White, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X WPM X WOF = Points				
.18	2167.0	12.74	4969.4	Double, Clear	S	1.5	7.5	36.0	13.30	1.06	505.7
				Double, Clear	S	10.5	6.7	13.3	13.30	3.33	590.7
				Double, Clear	S	10.0	4.0	9.3	13.30	3.61	448.0
				Double, Clear	S	1.5	5.5	17.5	13.30	1.15	266.9
				Double, Clear	E	1.5	5.5	30.0	18.79	1.04	587.1
				Double, Clear	N	1.5	5.5	17.5	24.58	1.00	431.4
				Double, Clear	N	9.0	7.0	60.0	24.58	1.02	1506.0
				Double, Clear	N	1.5	6.5	42.0	24.58	1.00	1034.3
				Double, Clear	W	1.5	6.5	21.3	20.73	1.02	450.9
				Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5
				Double, Clear	W	1.5	5.5	20.0	20.73	1.03	426.2
				Double, Clear	W	1.5	5.0	16.0	20.73	1.03	343.2
				Double, Clear	S	1.5	7.0	36.0	13.30	1.07	514.1
				As-Built Total:		349.0				7843.9	

WALL TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points				
Adjacent	176.0	3.60	633.6	Frame, Wood, Adjacent	13.0	176.0	3.30	580.8		
Exterior	1714.0	3.70	6341.8	Frame, Wood, Exterior	13.0	1714.0	3.40	5827.6		
Base Total:	1890.0		6975.4	As-Built Total:		1890.0		6408.4		

DOOR TYPES Area X BWPM = Points				Type		Area X WPM = Points				
Adjacent	36.0	11.50	414.0	Exterior Wood		20.0	12.30	246.0		
Exterior	38.0	12.30	467.4	Exterior Wood		18.0	12.30	221.4		
				Adjacent Wood		36.0	11.50	414.0		
Base Total:	74.0		881.4	As-Built Total:		74.0		881.4		

CEILING TYPESArea X BWPM = Points				Type	R-Value	Area X WPM X WCM = Points				
Under Attic	2167.0	2.05	4442.4	Under Attic	30.0	2167.0	2.05 X 1.00	4442.4		
Base Total:	2167.0		4442.4	As-Built Total:		2167.0		4442.4		

FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points				
Slab	210.0(p)	8.9	1869.0	Slab-On-Grade Edge Insulation	0.0	210.0(p)	18.80	3948.0		
Raised	0.0	0.00	0.0							
Base Total:			1869.0	As-Built Total:		210.0		3948.0		

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

ADDRESS: Lot: 4, Sub: CATES ROAD, Plat: , Fort White, FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
2167.0	10.21	22125.1		2167.0	10.21	22125.1	
Summer Base Points: 29276.0				Summer As-Built Points: 28948.7			
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X Duct Multiplier X System Multiplier X Credit Multiplier = Cooling Points
29276.0		0.4266	12489.1	(sys 1: Central Unit 36000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R128.0(INS) 28949	1.00	(1.07 x 1.147 x 0.91)	0.263 1.000 8496.0
				28948.7	1.00	1.118	0.263 1.000 8496.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: CATES ROAD, Plat: , Fort White, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt Area X SPM X SOF = Points						
.18	2167.0	20.04	7816.8	Double, Clear	S	1.5	7.5	36.0	35.87	0.91	1174.8
				Double, Clear	S	10.5	6.7	13.3	35.87	0.47	223.9
				Double, Clear	S	10.0	4.0	9.3	35.87	0.44	146.7
				Double, Clear	S	1.5	5.5	17.5	35.87	0.83	522.3
				Double, Clear	E	1.5	5.5	30.0	42.06	0.90	1131.0
				Double, Clear	N	1.5	5.5	17.5	19.20	0.93	311.9
				Double, Clear	N	9.0	7.0	60.0	19.20	0.67	775.0
				Double, Clear	N	1.5	6.5	42.0	19.20	0.95	764.0
				Double, Clear	W	1.5	6.5	21.3	38.52	0.93	762.0
				Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7
				Double, Clear	W	1.5	5.5	20.0	38.52	0.90	691.0
				Double, Clear	W	1.5	5.0	16.0	38.52	0.88	539.7
				Double, Clear	S	1.5	7.0	36.0	35.87	0.89	1155.0
				As-Built Total: 349.0 8731.9							
WALL TYPES Area X BSPM = Points				Type	R-Value Area X SPM = Points						
Adjacent	176.0	0.70	123.2	Frame, Wood, Adjacent			13.0	176.0	0.60		105.6
Exterior	1714.0	1.70	2913.8	Frame, Wood, Exterior			13.0	1714.0	1.50		2571.0
Base Total: 1890.0 3037.0				As-Built Total: 1890.0 2676.6							
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	36.0	2.40	86.4	Exterior Wood				20.0	6.10		122.0
Exterior	38.0	6.10	231.8	Exterior Wood				18.0	6.10		109.8
				Adjacent Wood				36.0	2.40		86.4
Base Total: 74.0 318.2				As-Built Total: 74.0 318.2							
CEILING TYPES Area X BSPM = Points				Type	R-Value Area X SPM X SCM = Points						
Under Attic	2167.0	1.73	3748.9	Under Attic			30.0	2167.0	1.73 X 1.00		3748.9
Base Total: 2167.0 3748.9				As-Built Total: 2167.0 3748.9							
FLOOR TYPES Area X BSPM = Points				Type	R-Value Area X SPM = Points						
Slab	210.0(p)	-37.0	-7770.0	Slab-On-Grade Edge Insulation			0.0	210.0(p)	-41.20		-8652.0
Raised	0.0	0.00	0.0								
Base Total: -7770.0				As-Built Total: 210.0 -8652.0							

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.9

The higher the score, the more efficient the home.

EWPL INC, Lot: 4, Sub: CATES ROAD, Plat: , Fort White, FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft²)	2167 ft²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area	___	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 287.3 ft²	___		HSPF: 7.20
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 287.3 ft²	___	c. N/A	___
8. Floor types		___	14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 210.0(p) ft	___	a. Electric Resistance	Cap: 40.0 gallons
b. N/A	___	___		EF: 0.92
c. N/A	___	___	b. N/A	___
9. Wall types		___	c. Conservation credits	___
a. Frame, Wood, Adjacent	R=13.0, 176.0 ft²	___	(HR-Heat recovery, Solar	___
b. Frame, Wood, Exterior	R=13.0, 1714.0 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, 2167.0 ft²	___	MZ-C-Multizone cooling,	___
b. N/A	___	___	MZ-H-Multizone heating)	___
c. N/A	___	___		___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=128.0, 6.0 ft	___		___
b. N/A	___	___		___

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



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

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

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

Parcel: 14-5S-16-03621-204

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

<< Prev Search Result: 4 of 10 Next >>

Owner's Name	KINGDOM PROPERTIES &
Site Address	
Mailing Address	REJOICE PROPERTIES P O BOX 565340 MIAMI, FL 33256
Description	LOT 4 CATES ROAD S/D WD 1024-191.

Use Desc. (code)	VACANT (000000)
Neighborhood	14516.00
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	5.010 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$29,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$29,500.00

Just Value	\$29,500.00
Class Value	\$0.00
Assessed Value	\$29,500.00
Exempt Value	\$0.00
Total Taxable Value	\$29,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
8/5/2004	1024/191	WD	V	Q		\$140,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (5.010AC)	1.00/1.00/1.00/1.00	\$29,500.00	\$29,500.00

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

<< Prev

4 of 10

Next >>

Disclaimer

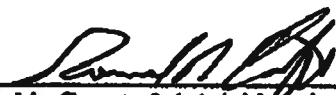
COLUMBIA COUNTY 9-1-1 ADDRESSING

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

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

Addressing Maintenance

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

DATE REQUESTED: 9/12/2006 DATE ISSUED: 9/18/2006**ENHANCED 9-1-1 ADDRESS:****1123 SW CATES ST****LAKE CITY FL 32024****PROPERTY APPRAISER PARCEL NUMBER:****14-5S-16-03621-204****Remarks:****LOCATED ON LOT 4 CATES ROAD S/D****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.

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave

Lake City, FL. 32025

Phone 386-752-6677

Fax 386-752-1477

Building Permit # _____ Owner's Name: Kingdom Properties Cates Rd Lt. 4

Well Depth _____ Ft. Casing Depth _____ Ft. Water Level _____ Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well SubmersiblePump Make Aermotor Pump Model S20-100 HP 1.5System Pressure (PSI) On 30 Off 50 Average Pressure 40Pumping System GPM at average pressure and pumping level 20(GPM)Tank Installation: Bladder /Galvanized Make ChallengerModel PC 244 Size 81 gallonTank Draw-down per cycle at system pressure 25.1 gallons**I HEREBY VERIFY THAT THIS WATER WELL SYSTEM HAS BEEN
INSTALLED AS PER THE ABOVE INFORMATION.**

Signature

Linda Newcomb

Print Name

2609

License Number

8/15/06

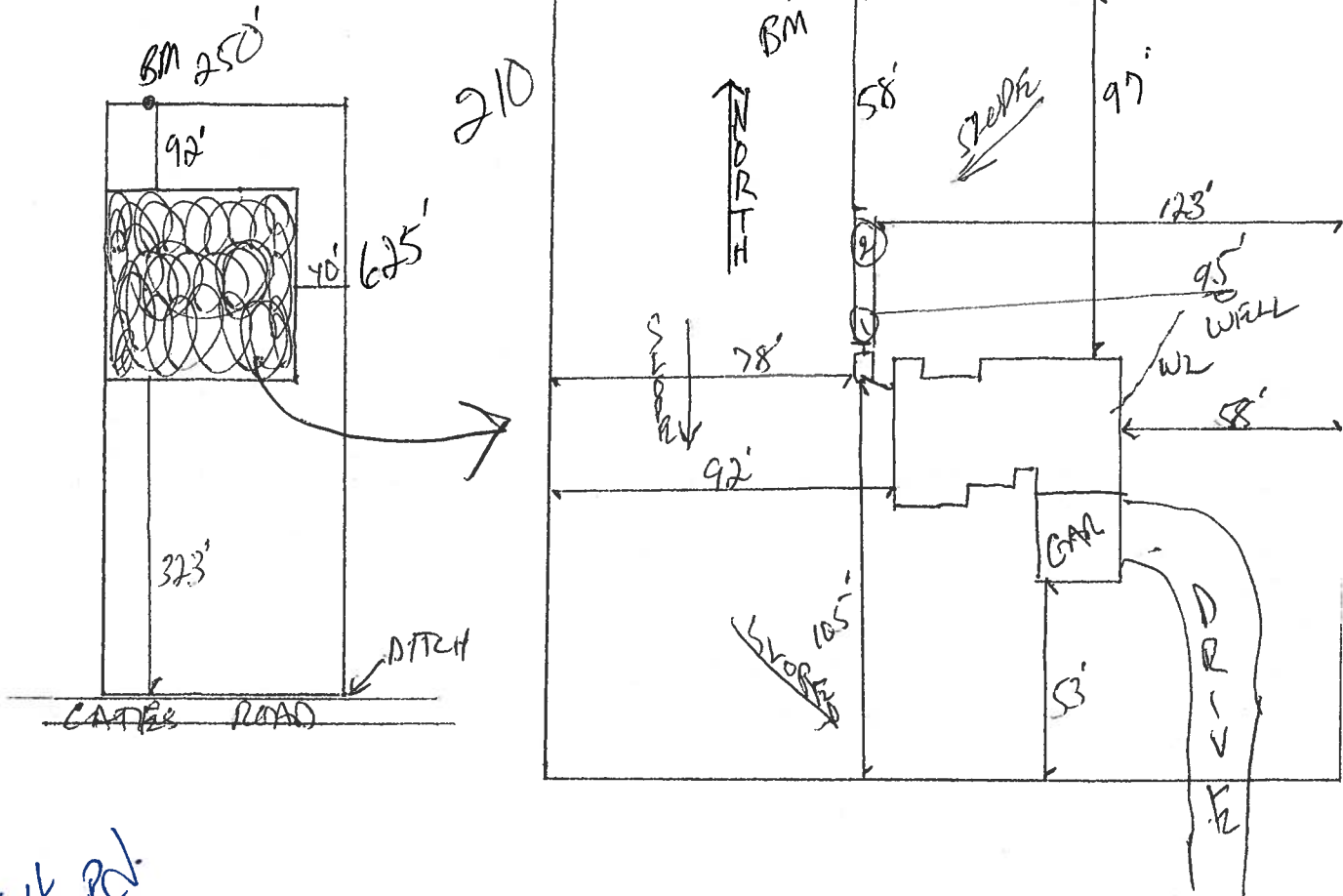
Date

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

Permit Application Number 06-0860N

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes: Lot 4 Cates Rd.
1 of 5 ACRES

Site Plan submitted by: Rock D F

MASTER CONTRACTOR

Plan Approved ☒ Not Approved ☐

Date 9/27/06

By mm dh Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001217

DATE 09/28/2006 PARCEL ID # 14-5S-16-03621-204

APPLICANT HUGO ESCALANTE PHONE 288-8666

ADDRESS P.O. BOX 280 FT. WHITE FL 32038

OWNER KINGDOM PROPERTIES PHONE 288-8666

ADDRESS 1123 SW CATES ST FT. WHITE FL 32038

CONTRACTOR HUGO ESCALANTE PHONE 288-8666

LOCATION OF PROPERTY 47S, TL ON CATES RD, 1 MILE ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CATES 4

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



Let 4 Cases

COLUMBIA COUNTY BUILDING DEPARTMENT

**RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR
FLORIDA BUILDING CODE 2001
ONE (1) AND TWO (2) FAMILY DWELLINGS
ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002**

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

Floor Plan including:

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

Foundation Plan including:

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

Roof System:

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

Wall Sections including:

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

b) Wood frame wall

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

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

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

Plumbing Fixture layout

Electrical layout including:

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

HVAC Information

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

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

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

Private Potable Water

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
(386) 758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is \$50.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

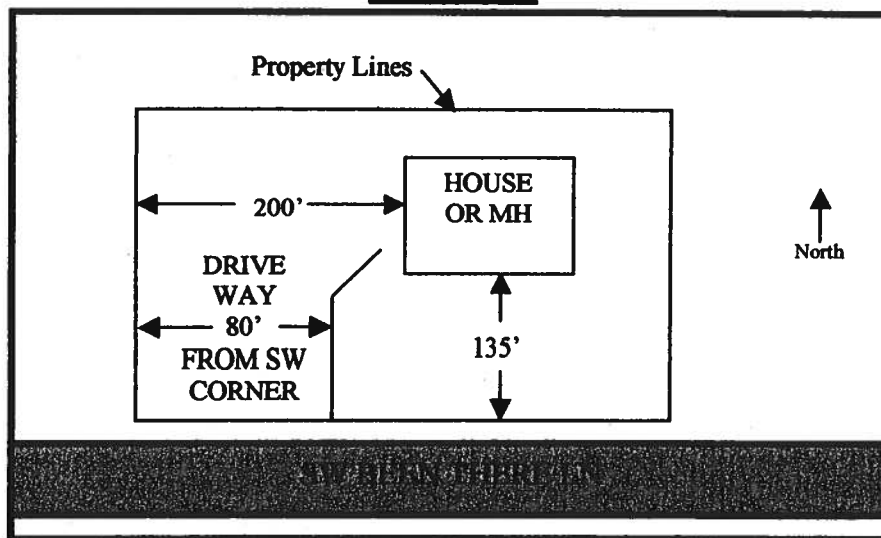
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123") FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
 - a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
 - b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
 - c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

Residential System Sizing Calculation

Summary

EWPL INC

Fort White, FL

Project Title:
LOT 4 CATES ROAD

Code Only
Professional Version
Climate: North

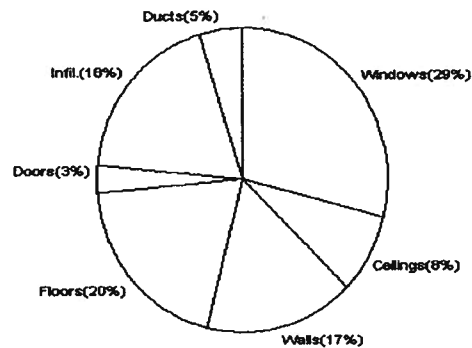
8/14/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	33755 Btuh	Total cooling load calculation	33088 Btuh
Submitted heating capacity	36000 Btuh	Submitted cooling capacity	36000 Btuh
Submitted as % of calculated	106.7 %	Submitted as % of calculated	108.8 %

WINTER CALCULATIONS

Winter Heating Load (for 2167 sqft)

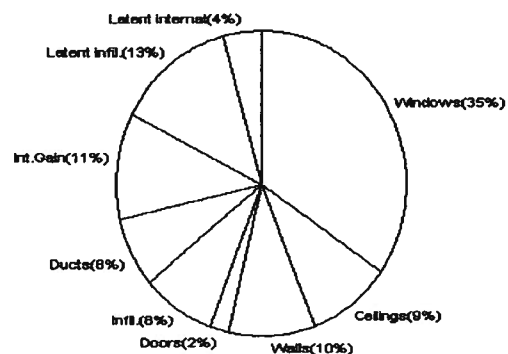
Load component		Load
Window total	349 sqft	9877 Btuh
Wall total	1890 sqft	5595 Btuh
Door total	74 sqft	1013 Btuh
Ceiling total	2167 sqft	2817 Btuh
Floor total	210 ft	6636 Btuh
Infiltration	145 cfm	6210 Btuh
Subtotal		32148 Btuh
Duct loss		1607 Btuh
TOTAL HEAT LOSS		33755 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2167 sqft)

Load component		Load
Window total	349 sqft	11543 Btuh
Wall total	1890 sqft	3165 Btuh
Door total	74 sqft	739 Btuh
Ceiling total	2167 sqft	3077 Btuh
Floor total		0 Btuh
Infiltration	127 cfm	2508 Btuh
Internal gain		3800 Btuh
Subtotal(sensible)		24832 Btuh
Duct gain		2483 Btuh
Total sensible gain		27316 Btuh
Latent gain(infiltration)		4393 Btuh
Latent gain(internal)		1380 Btuh
Total latent gain		5773 Btuh
TOTAL HEAT GAIN		33088 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *[Signature]*

DATE: 8-14-06

Manual J Winter Calculations

Residential Load - Component Details (continued)

EWPL INC

Project Title:
LOT 4 CATES ROAD

Code Only
Professional Version
Climate: North

Fort White, FL

8/14/2006

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

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

System Sizing Calculations - Winter

Residential Load - Component Details

EWPL INC

Fort White, FL

Project Title:
LOT 4 CATES ROAD

Code Only
Professional Version
Climate: North

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

8/14/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	S	36.0	28.3	1019 Btuh
2	2, Clear, Metal, DEF	S	13.3	28.3	377 Btuh
3	2, Clear, Metal, DEF	S	9.3	28.3	264 Btuh
4	2, Clear, Metal, DEF	S	17.5	28.3	495 Btuh
5	2, Clear, Metal, DEF	E	30.0	28.3	849 Btuh
6	2, Clear, Metal, DEF	N	17.5	28.3	495 Btuh
7	2, Clear, Metal, DEF	N	60.0	28.3	1698 Btuh
8	2, Clear, Metal, DEF	N	42.0	28.3	1189 Btuh
9	2, Clear, Metal, DEF	W	21.3	28.3	604 Btuh
10	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
11	2, Clear, Metal, DEF	W	20.0	28.3	566 Btuh
12	2, Clear, Metal, DEF	W	16.0	28.3	453 Btuh
13	2, Clear, Metal, DEF	S	36.0	28.3	1019 Btuh
Window Total			349		9877 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Adjacent	13.0	176	1.6	282 Btuh
2	Frame - Exterior	13.0	1714	3.1	5313 Btuh
Wall Total			1890		5595 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		20	17.9	359 Btuh
2	Wood - Exter		18	17.9	323 Btuh
3	Wood - Adjac		36	9.2	331 Btuh
Door Total			74		1013 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2167	1.3	2817 Btuh
Ceiling Total			2167		2817 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	210.0 ft(p)	31.6	6636 Btuh
Floor Total			210		6636 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	21670(sqft)	145	6210 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				145	6210 Btuh

Totals for Heating	Subtotal	32148 Btuh
	Duct Loss(using duct multiplier of 0.05)	1607 Btuh
	Total Btuh Loss	33755 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

EWPL INC
Fort White, FL

Project Title:
LOT 4 CATES ROAD

Code Only
Professional Version
Climate: North

8/14/2006

Totals for Cooling	Subtotal	24832 Btuh
	Duct gain(using duct multiplier of 0.10)	2483 Btuh
	Total sensible gain	27316 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	4393 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	33088 Btuh

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

System Sizing Calculations - Summer

Residential Load - Component Details

EWPL INC

Project Title:
LOT 4 CATES ROAD

Code Only
Professional Version
Climate: North

Fort White, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

8/14/2006

Window	Type	Omt	Overhang		Window Area(sqft)			HTM		Load
	Panes/SHGC/U/InSh/ExSh		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, DEF, N, N	S	1.5	7.5	36.0	36.0	0.0	22	37	792 Btuh
2	2, Clear, DEF, N, N	S	10.5	6.66	13.3	6.7	6.7	22	37	393 Btuh
3	2, Clear, DEF, N, N	S	10	4	9.3	9.3	0.0	22	37	205 Btuh
4	2, Clear, DEF, N, N	S	1.5	5.5	17.5	17.5	0.0	22	37	385 Btuh
5	2, Clear, DEF, N, N	E	1.5	5.5	30.0	2.2	27.8	22	72	2048 Btuh
6	2, Clear, DEF, N, N	N	1.5	5.5	17.5	0.0	17.5	22	22	385 Btuh
7	2, Clear, DEF, N, N	N	9	7	60.0	0.0	60.0	22	22	1320 Btuh
8	2, Clear, DEF, N, N	N	1.5	6.5	42.0	0.0	42.0	22	22	924 Btuh
9	2, Clear, DEF, N, N	W	1.5	6.5	21.3	7.3	14.0	22	72	1170 Btuh
10	2, Clear, DEF, N, N	N	1.5	5.5	30.0	0.0	30.0	22	22	660 Btuh
11	2, Clear, DEF, N, N	W	1.5	5.5	20.0	1.5	18.5	22	72	1366 Btuh
12	2, Clear, DEF, N, N	W	1.5	5	16.0	1.0	15.0	22	72	1103 Btuh
13	2, Clear, DEF, N, N	S	1.5	7	36.0	36.0	0.0	22	37	792 Btuh
Window Total					349					11543 Btuh
Walls	Type		R-Value		Area			HTM		Load
1	Frame - Adjacent		13.0		176.0			1.0		183 Btuh
2	Frame - Exterior		13.0		1714.0			1.7		2982 Btuh
Wall Total					1890.0					3165 Btuh
Doors	Type				Area			HTM		Load
1	Wood - Exter				20.0			10.0		200 Btuh
2	Wood - Exter				18.0			10.0		180 Btuh
3	Wood - Adjac				36.0			10.0		359 Btuh
Door Total					74.0					739 Btuh
Ceilings	Type/Color		R-Value		Area			HTM		Load
1	Under Attic/Dark		30.0		2167.0			1.4		3077 Btuh
Ceiling Total					2167.0					3077 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab-On-Grade Edge Insulation		0.0		210.0 ft(p)			0.0		0 Btuh
Floor Total					210.0					0 Btuh
Infiltration	Type		ACH		Volume			CFM=		Load
	Natural		0.35		21670			126.7		2508 Btuh
	Mechanical							0		0 Btuh
Infiltration Total								127		2508 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			6		X 300 +			2000		3800 Btuh

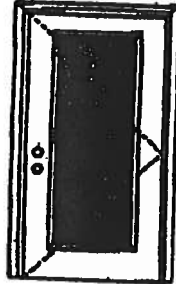
X

Glazed Inswing Unit

COP WL EN4141-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

Single Door
Maximum Unit Size = 3'0" x 6'8"

Design Pressure
+50.5/-60.6

Limited water pressure special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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



Full Data Review Certificate FRS204470
and COP-Test Report Validation (MAD)
F42004-07-001 provide additional
information - including Type III U/W/L
specifications (www.masonite.com, 1-800-
Masonite) (www.masonite.com)
or the Masonite technical manual.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0001-02 and MAD-WL-MAD041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



120, 130 Series



150 Series



160 Series



220 Series

1/2 GLASS:



100 Series*



100, 100 Series*



120 Series*



200 Series*

12 RL, 20 RL, 24 RL
Series*

167 Series*



100 Series



220 Series

*This glass kit may also be used in the following door styles: 0-panel; 0-panel with core; System 0-panel; System 0-panel with core.

Entergy
Entry Systems

June 17, 2003
Our continuing program of product improvement makes specifications, design and product
detail subject to change without notice.



X
Glazed Inswing Unit

COP WL FJ4141-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series



460 Series

FULL GLASS:



100 Series



114, 120, 125 Series



130 Series



140 Series



500 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9

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

Unit Tested in Accordance with Miami-Dade DCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top and rails constructed of 0.032" steel. Bottom end rails constructed of 0.032" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip like surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE DCCO PA202
COMPANY NAME
CITY, STATE

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

Kurt L. Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 58833



Test Data Review Certificate #002947C
and CCU-Test Report Underlaid Model
#0020-070-001 (provide additional
information - primarily from the IBC with
updates (http://www.mca.com) by
Masonite website (www.masonite.com)
or the Masonite technical center.

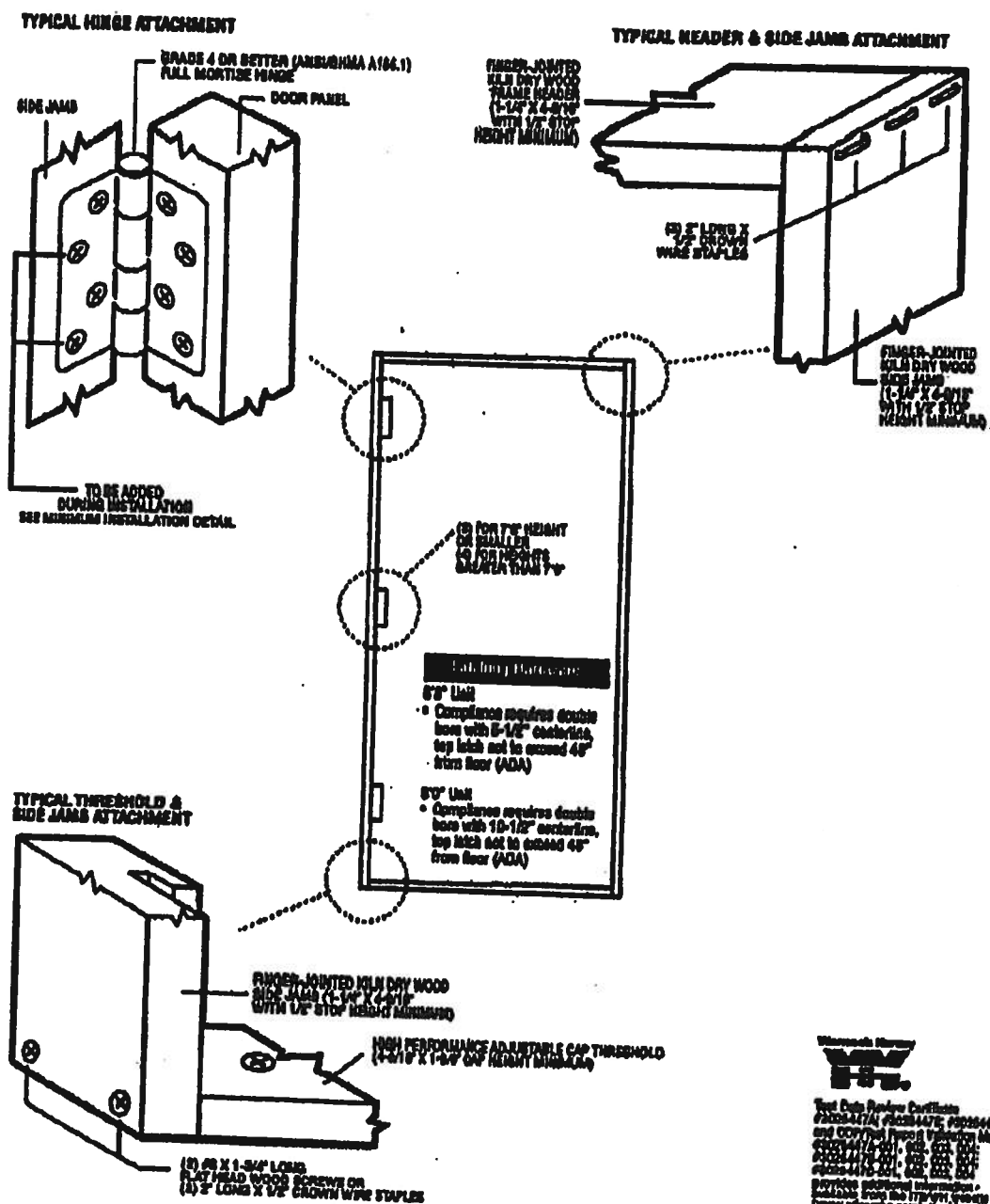
Entergy
Entry Systems

June 17, 2002

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Good security from
Masonite
Masonite International Corporation



Weekend Hours
WASH STATE
8-11

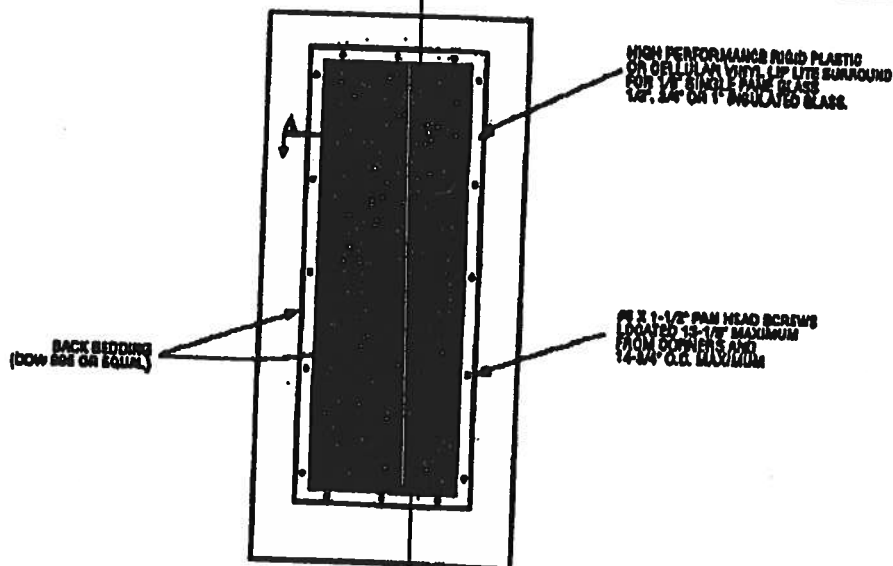
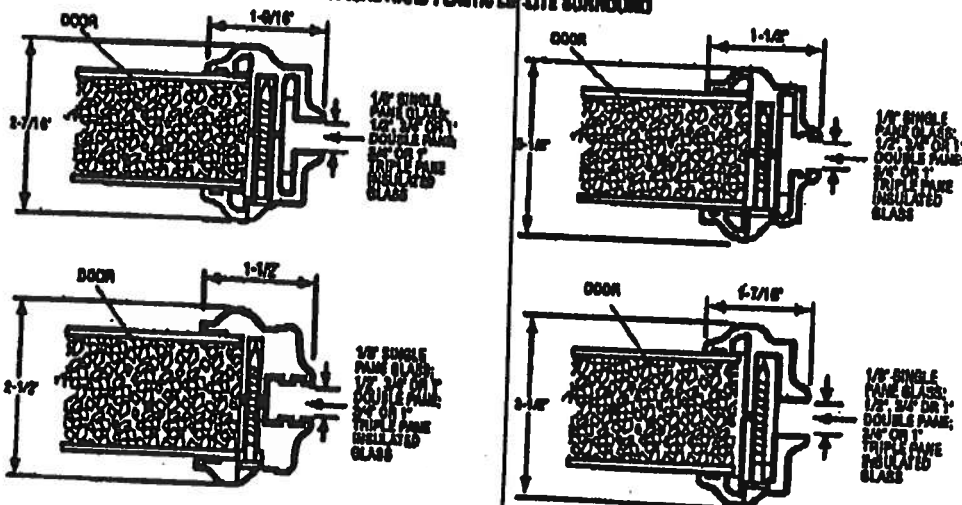
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and Copyright Notice Validation Markers
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#3028-447B-02, #3028-447C-02
provide additional information +
feedback from the ITW/PTI Group
(www.itwpti.com), the Minnesota
Vehicle (www.mnstatecar.com) or the
Minnesota Technical Center.

October 14, 2012
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Masonite

MAD-WL-WA0041-02

**GLASS INSERT IN DOOR
OR SIDELITE PANEL****SECTION A-A
TYPICAL RIGID PLASTIC LIP LITE SURROUND**

*Glass inserts to be sub-listed by Intertek Testing Services/ETL, Certko or approved validation service.



For Sales, Service, or Technical Support, call 1-800-447-7222 or 1-800-447-7223. For more information, visit our website at www.masonite.com. For more information, visit our website at www.masonite.com. For more information, visit our website at www.masonite.com.

JUNE 17, 2002

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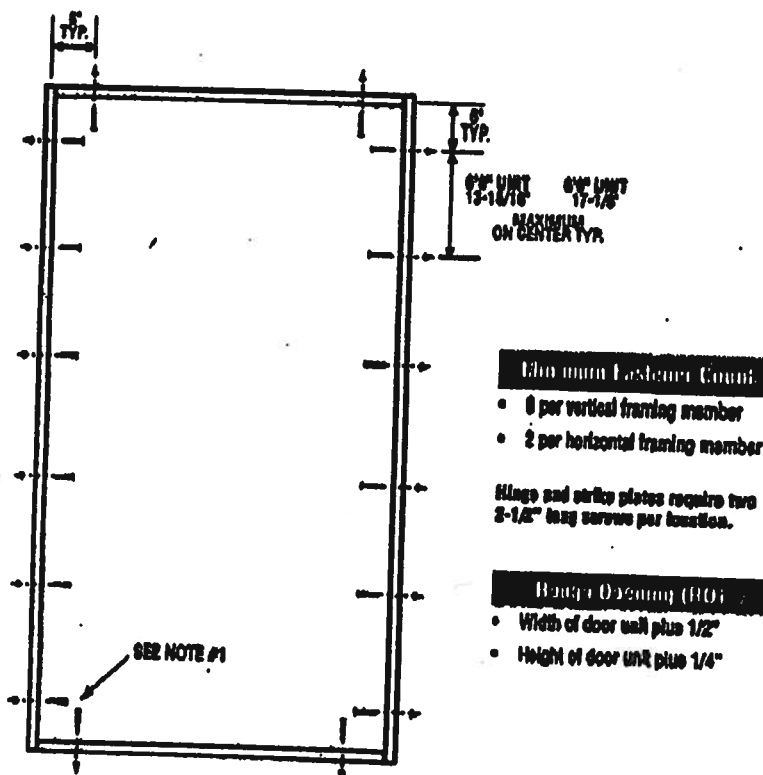


Manufactured by
Masonite
Masonite International Corporation

X
Unit

WHD-WL-WIA0001-02

SINGLE DOOR



Test Data Review Certificate #3028447A, #3028447B, #3028447C and CSA/Int Bureau Validation Number #3028447A-001, 002, 003, 004; #3028447B-001, 002, 003, 004; #3028447C-001, 002, 003, 004 provides additional information - available from the ITW/ELCO website (www.itw-elco.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY GCP DOCUMENT 8245*, 8246*, 8241*, 8248, 8251* or 8255**
Compliance requires that 5\" GRADE 1 (ANSI/BHMA A156.18) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see GCP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 and #10 wood screws or 3/16\" Tapcons. Threshold fasteners analyzed for this unit include #8 and #10 wood screws, 3/16\" Tapcons, or Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The wood screw single shear design values come from Table 11.3A of ANSI/APA PA NDS for southern pine lumber with a side member thickness of 1-1/4\" and achievement of minimum embedment. The 3/16\" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4\" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

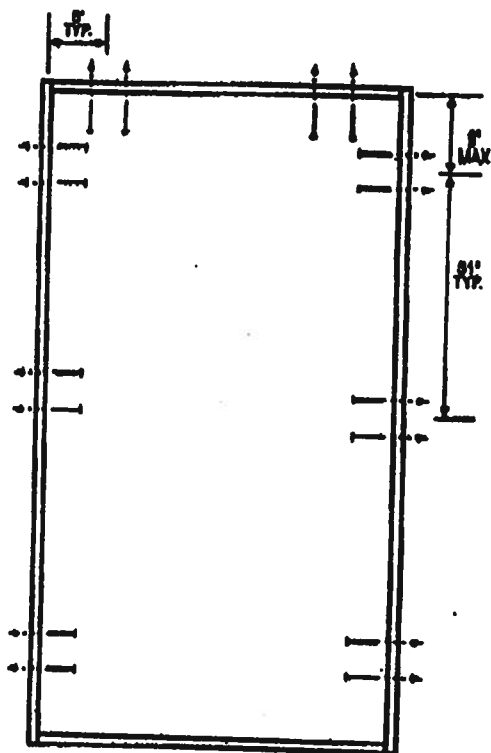
March 18, 2003
Our published program of product representation makes specifications, designs and product details subject to change without notice.

Masonite

X
Unit

MID-WL-WA0001-02

SINGLE DOOR



Minimum Fastener Count

- 6 per vertical framing member for 7'0\"/>

Hinge and strike plates require two 2-1/2\"/>

Rough Opening (RO)

- Width of door unit plus 1/2\"/>

Warning: Test Data Review Checklist #32284-07, #32284-07C, #32284-07D and #32284-07E contain additional information - available from the (U.S.) website (www.masonite.com) or the following technical office:
 #32284-07, #32284-07C, #32284-07D, #32284-07E, #32284-07F, #32284-07G, #32284-07H, #32284-07I, #32284-07J, #32284-07K, #32284-07L, #32284-07M, #32284-07N, #32284-07O, #32284-07P, #32284-07Q, #32284-07R, #32284-07S, #32284-07T, #32284-07U, #32284-07V, #32284-07W, #32284-07X, #32284-07Y, #32284-07Z, #32284-07AA, #32284-07AB, #32284-07AC, #32284-07AD, #32284-07AE, #32284-07AF, #32284-07AG, #32284-07AH, #32284-07AI, #32284-07AJ, #32284-07AK, #32284-07AL, #32284-07AM, #32284-07AN, #32284-07AO, #32284-07AP, #32284-07AQ, #32284-07AR, #32284-07AS, #32284-07AT, #32284-07AU, #32284-07AV, #32284-07AW, #32284-07AX, #32284-07AY, #32284-07AZ, #32284-07BA, #32284-07BB, #32284-07BC, #32284-07BD, #32284-07BE, #32284-07BF, #32284-07BG, #32284-07BH, #32284-07BI, #32284-07BJ, #32284-07BK, #32284-07BL, #32284-07BM, #32284-07BN, #32284-07BO, #32284-07BP, #32284-07BQ, #32284-07BR, #32284-07BS, #32284-07BT, #32284-07BU, #32284-07BV, #32284-07BW, #32284-07BX, #32284-07BY, #32284-07BZ, #32284-07CA, 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#32284-07ZT, #32284-07ZU, #32284-07ZV, #32284-07ZW, #32284-07ZX, #32284-07ZY, #32284-07ZZ

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0240*, 0205*, 3241*, 3245, 3201* or 3206**
 Compliance requires that 6" GRADE 1 (ANSI/BHMA A156.18) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the fastener rating from the different fasteners being considered for use. Jumbo and head fasteners analyzed for this unit include 10d common nails. Threshold fasteners analyzed for this unit include Liquid Nails Builders Choice 400 (or equal structural adhesive).
2. The common nail single shear design values come from ANSI/AP & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment of 1-1/4".
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 18, 2008
 For marketing purposes of product information, please refer to the
 design and product data subject to change without notice.

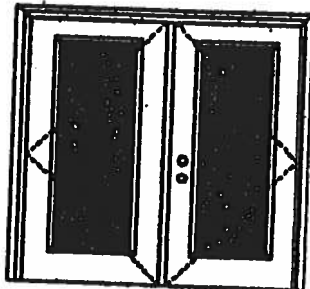
 **Masonite**

XX
Glazed Outswing Unit

COP-WL-FN0162 02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate 002004470
and COP/WL Report Validation Report
002004470-001 provides additional
information - available from the IFMA
website (www.ifma.com), the
Masonite website (www.masonite.com)
or the International Building Center.

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

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

Design Pressure
+50.5/-50.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

1/4 GLASS:



120 Series



132, 130 Series



130 Series



600 Series



622 Series

1/2 GLASS:



100 Series*



106, 100 Series*



120 Series*



200 Series*

12 RL, 20 RL, 24 RL
Series*

107 Series*



100 Series



304 Series

*This glass kit may also be used in the following door styles: 6-panel, 6-panel with porch, 6-panel, 6-panel, 6-panel, 6-panel with porch.

Entergy
Entry Systems

June 17, 2003
Our continuing program of product improvement makes specification, design and product
over design to change without notice.



Exclusively from
Masonite
Masonite International Corporation

XX
Glazed Outswing Unit

COP-VI-FN4162-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series



420 Series

FULL GLASS:



100 Series

114, 120, 122
Series

126 Series



140 Series



200 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9

Certifying Engineer and License Number: Barry D. Portney, P.E. / 18258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.032" steel. Bottom end rails constructed of 0.032" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip like surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202
COMPANY NAME
CITY, STATE

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

Kurt L. Balhax

State of Florida, Professional Engineer
Kurt Balhax, P.E. - License Number 56533



Test Data Review Certificate #0204470
and COPV Test Report #0204470-001 in order to verify
compliance with the FBC 2001
requirements. (www.miamidade.gov) or the
Miami-Dade Building Department.

Entergy
Entry Systems

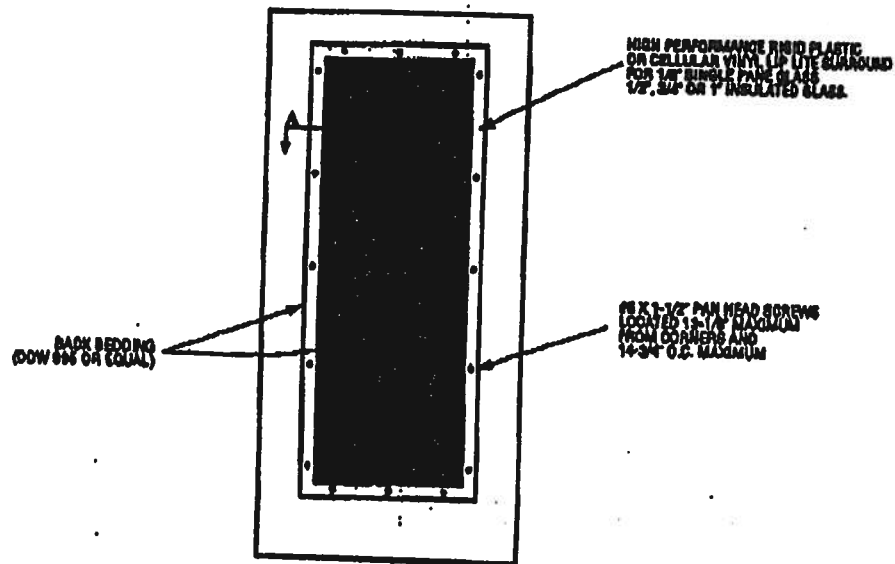
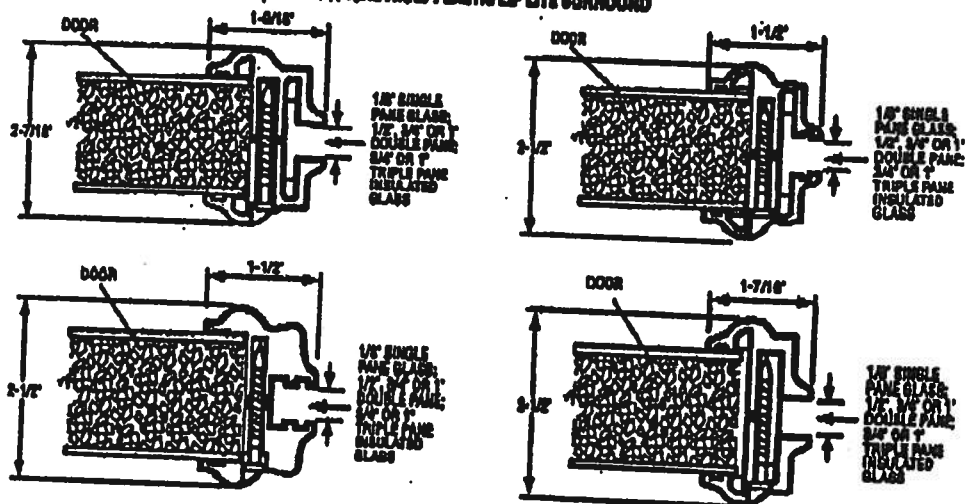
June 17, 2004

Our Entergy Division of product representation makes specifications, designs and products
and subject to current related codes.



Good velocity from
Masonite
Masonite International Corporation

MAD-WI-MA0011-02

**GLASS INSERT IN DOOR
OR SIDELITE PANEL****SECTION A-A
TYPICAL RIGID PLASTIC LIP LITE SURROUND**

*Glass inserts to be sub-listed by Intertek Testing Services/ETL San Jose or approved validation service.



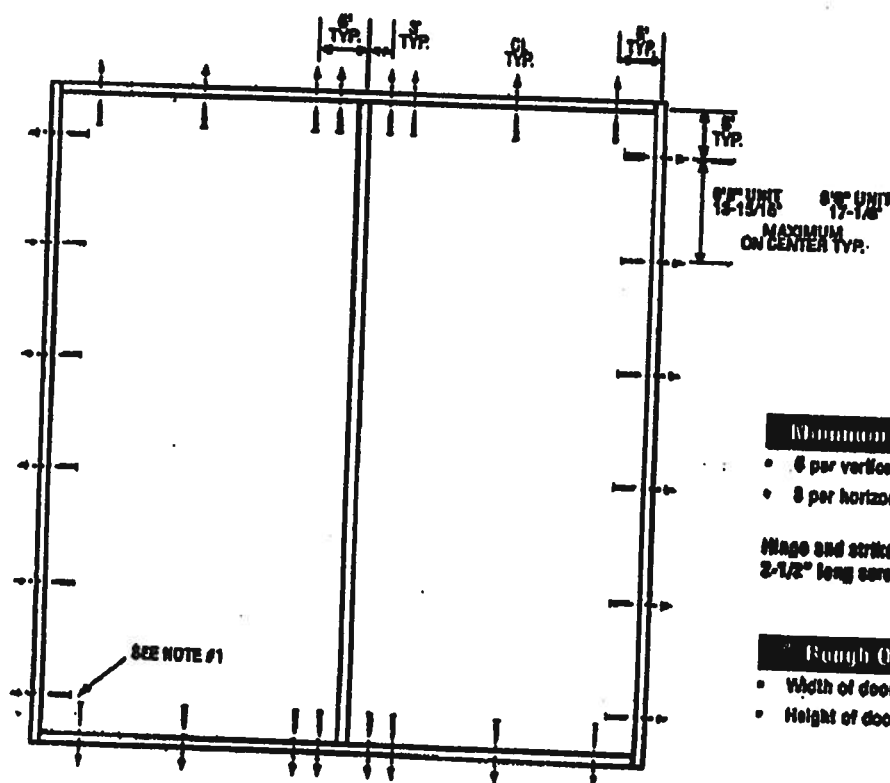
This Data Review Certificate #90294474, #90294475, #90294476 and ECP/Int Report Validation Certificate #90294474-001, 002, 003, #90294475-001, 002, 003, #90294476-001, 002, 003, and any other additional information is available from the ITC/ETL website (www.intertek.com), the Masonite website (www.masonite.com) or the Masonite technical center.

JUNE 17, 2002
Our authentic images of product requirements and specifications, judge and product used subject to change without notice.



Established from
Masonite
Masonite International Corporation

DOUBLE DOOR



Minimum Fastener Count

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

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

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Network Memory
RAM
 The RAM Memory Database #30225474, #30225475, #30225476 and #30225477 are the most valuable tools for finding out who has been in your area. Call 1-800-451-6322, ext. 302, 303, 304, #30225477-001, 002, 003, 004, #30225477-001, 002, 003, 004 for more information or to place an order for the RAM Memory Database. The RAM Memory Database is available on CD-ROM, 3.5" floppy disk, or on the Internet at www.raminfo.com or the RAM Memory Database website at www.raminfo.com or the RAM Memory Database website at www.raminfo.com.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY GDF DOCUMENT 8247*, 8247*, 3242*, 8247, 8232* or 3237**
Compliance requires that 6" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see GWP sheet for details.

Notes:

1. Another calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons. Threshold fasteners analyzed for this unit include #4 and #10 wood screws, 3/16" Tapcons, or Liquid Nails Builders Choice 480 (or equal structural adhesive).
2. The wood screw single shear design values come from Table 11.3A of ANSUF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Data Country approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 16, 2023
Our continuing program of product improvement makes specifications, design and product data subject to change without notice.

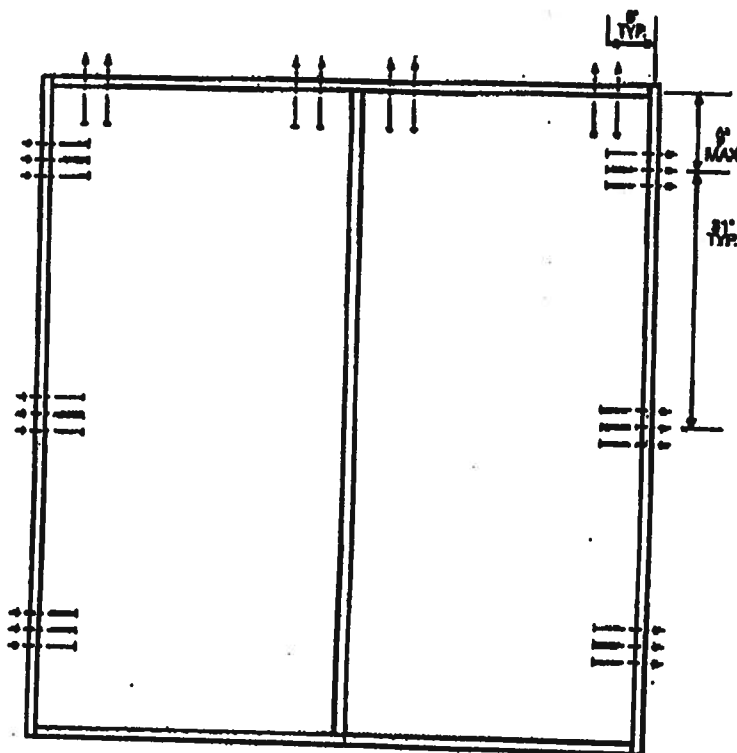


Masonite

XX
Unit

MID-WL M10002 U2

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member for 7'0\" heights and smaller
- 8 per vertical framing member for heights greater than 7'0"
- 8 per horizontal framing member

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

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"



The Best Review Checklist #3022447A, #3022447B, #3022447C and COP/BAI Revised VISIONS Sheet #3022447A-304, 302, 303, 304; #3022447B-301, 302, 303, 304; #3022447C-301, 302, 303, 304 provides additional information - available from the ITB/BAI website (www.electro.com), the Masonite website (www.masonite.com) or the Masonite service center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- UNITS COVERED BY COP DOCUMENT 0247*, 0257*, 3242*, 3247, 3282* or 3257
Compliance requires that 8\" GRADE-1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 wood screws and 10d common nails. Threshold fasteners analyzed for this unit include Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The wood screw and common nail single shear design values come from ANSI/APA PA NDS for southern pine lumber with a side member thickness of 1-1/4\" and achievement of minimum embedment of 1-1/4\".
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 10, 2003
Our technical support of product improvement makes specifications, drawings and product itself subject to change without notice.

Masonite



MI Home Products, Inc.
650 West Market St.
P.O. Box 370
Gratz, PA 17030-0370

(717) 365-3300
(717) 362-7025 Fax

740/744 SINGLE HUNG (FIN & FLANGE)

165 SINGLE HUNG (FIN & FLANGE)

BB165/740/744 FIXED (FIN & FLANGE)

- Test Reports
 - 165 Single Hung
 - #CTLA-787W (Fin)
 - #CTLA-787W-1 (Flange)
 - 740/744 Single Hung
 - #01-40351.03 (Fin)
 - #01-40351.04 (Flange)
 - 165/740/744 Fixed
 - #NCTL-310-0005-2.1 (Fin)
 - # NCTL-310-0005-5.1 (Flange)
 - #01-40486.03 (2-Panel Fixed)
- Installation Instructions
- Sample 110/120/140 MPH Labels

**AAMA/NWWDA 101/LS.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 740/744

TYPE: Aluminum Single Hung Window with Nail Fin

Title of Test	Results
Rating	H R45 52 x 72
Overall Design Pressure	45 psf
Operating Force	24 lb max.
Air Infiltration	0.10 cfm/ft ²
Water Resistance	6.75 psf
Structural Test Pressure	+67.5 psf
Deglazing	-70.8 psf
Forced Entry Resistance	Passed Grade 10

Reference should be made to Report No. 01-40351.03 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Mark A. Hess, Technician

MAH:baw

Allen N. Reeves
15 FEBRUARY 2002



THIS FENESTRATION PRODUCT COMPLIES* WITH THE

NEW FLORIDA BUILDING CODE

FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS,
EXPOSURE "B" (WHICH IS INLAND OF A LINE THAT IS 1500 FT. FROM THE COAST),
AND **WALL ZONE "5"** (INSTALLED NEAR THE CORNER OF THE BUILDING).

PER **ASTM E1300**, THE CORRECT GLASS THICKNESS, BASED ON THE **NEGATIVE**
DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT.
THE GLASS THICKNESS IS BASED ON ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

Series 470HP SLIDING GLASS DOOR – all 6'- 8" High Panels

• 2'- 6" WIDE	DP + 40.0 / - 55.4
• 3'- 0" WIDE	DP + 40.0 / - 48.5
• 4'- 0" WIDE	DP + 40.0 / - 40.3

THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND
AIR INFILTRATION PER ATTACHED **AAMA** PERFORMANCE LABEL. BE ADVISED THAT
IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS, THIS PRODUCT
MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO
MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.

MIP-686

DOCUMENT CONTROL ADDENDUM #01-40351.00

Current Issue Date: 02/15/02

Report No.: 01-40351.01

Requested by: William Emley, MI Home Products, Inc.
Purpose: AAMA/NWWDA 101/LS.2-97 testing of Series/Model 744 aluminum single hung window with flange.
Issued Date: 12/28/01
Comments: Florida P.E. seal required on report.
Certification copy to John Smith at Associated Laboratories, Inc.

Report No.: 01-40351.02

Requested by: William Emley, MI Home Products, Inc.
Purpose: Change of glass type.
Issued Date: 12/28/01
Comments: Florida P.E. seal required on report.
Certification copy to John Smith at Associated Laboratories.

Report No.: 01-40351.03

Requested by: William Emley, MI Home Products, Inc.
Purpose: AAMA/NWWDA 101/LS.2-97 testing of Series/Model 740/744 aluminum single hung window with nail fin.
Issued Date: 02/15/02
Comments: Florida P.E. seal required on report.
Certification copy to John Smith at Associated Laboratories, Inc.



Allen N. Reeves
15 FEBRUARY 2002

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.1.8	Forced Entry Resistance per ASTM F 588-97		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.4.1	Uniform Load Deflection per ASTM E 330 (Measurements reported were taken on the meting rail) (Loads were held for 52 seconds) @ 45.0 psf (positive) @ 45.0 psf (negative)	0.91"* 0.97"*	0.29" max. 0.29" max.
* Exceeds L/175 for deflection, but meets all other test requirements.			
4.4.2	Uniform Load Structural per ASTM E 330 (Measurements reported were taken on the meeting rail) (Loads held for 10 seconds) @ 67.5 psf (positive) @ 67.5 psf (negative)	0.14" 0.19"	0.20" max. 0.20" max.
4.4.2	@ 70.8 psf (negative)	0.20"	0.20" max.

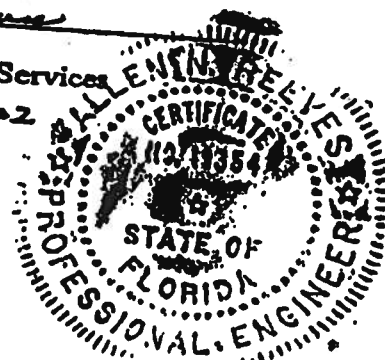
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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

For ARCHITECTURAL TESTING, INC.

Mark A. Hess
Mark A. Hess
Technician

MAH:baw
01-40351.03

Allen N. Reeves
Allen N. Reeves, P.E.
Director - Engineering Services
15 FEBRUARY 2002



Test Specimen Description: (Continued)

Drainage: Sloped sill.

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into the #2 2 x 8 Spruce-Pine-Fir wood buck with 1" galvanized roofing nails through the nail fin every 8" on center. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	24 lbs	30 lbs max.
2.1.2	Air Infiltration (ASTM E 283) @ 1.57 psf (25 mph)	0.10 cfm/ft ²	0.30 cfm/ft ² max.
<i>Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/ES-2-97 for air infiltration.</i>			
2.1.3	Water Resistance (ASTM E 547-96) (with and without screen) WTP = 6.75 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Measurements reported were taken on the meeting rail) (Loads were held for 52 seconds) @ 15.0 psf (positive) @ 15.0 psf (negative)	0.86"* 0.81"*	0.29" max. 0.29" max.
<i>Note: * Exceeds L/175 for deflection, but meets all other test requirements.</i>			
2.1.4.2	Uniform Load Structural per ASTM E 330 (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 22.5 psf (positive) @ 22.5 psf (negative)	0.01" <0.01"	0.20" max. 0.20" max.
2.2.1.6.2	Deglazing Test per ASTM E 987 In operating direction at 70 lbs Top rail Bottom rail In remaining direction at 50 lbs Left stile Right stile	 0.06"/12% 0.06"/12% 0.03"/6% 0.03"/6%	 0.50"/100% 0.50"/100%

Allen H. Reese
15 FEBRUARY 2002



Test Specimen Description: (Continued)**Weatherstripping:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.330" high by 0.187" backed polypile with center fin	1 Row	Fixed meeting rail interlock
0.170" high by 0.187" backed polypile with center fin	1 Row	Fixed lite, stiles and top rail
3/8" diameter hollow bulb gasket	1 Row	Bottom rail
0.310" high by 0.187" backed polypile with center fin	1 Row	Active sash stiles
0.150" high by 0.187" wide polypile	1 Row	Active sash stiles

Frame Construction: All frame members were constructed of extruded aluminum with coped, butted and sealed corners fastened with two screws each. Fixed meeting rail was secured utilizing one screw in each end directly through exterior face into jamb. Silicone was utilized around exterior meeting rail/jamb joinery.

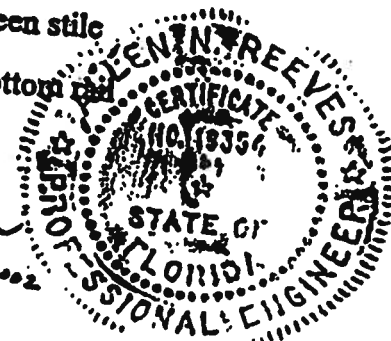
Sash Construction: All sash members were constructed of extruded aluminum with coped and butted corners fastened with one screw each.

Screen Construction: The screen frame was constructed from roll-formed aluminum members with plastic keyed corners. The screening consisted of a fiberglass mesh and was secured with a flexible vinyl spline.

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Plastic tilt latch	2	One each end of the interior Meeting rail
Metal sweep lock	2	13" from meeting rail ends
Balance assembly	2	One per jamb
Screen tension spring	2	One per end of screen stile
Tilt pin	2	One each end of bottom rail

Allen N. Reeves
15 FEBRUARY 2002





Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-40351.03
Test Dates: 10/22/01
And: 10/23/01
Report Date: 02/15/02
Expiration Date: 10/23/05

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness performance testing on a Series/Model 740/744, aluminum single hung window at MI Home Products, Inc.'s test facility in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for a H-R45 52 x 72 rating.

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

Test Specimen Description:

Series/Model: 740/744

Type: Aluminum Single Hung Window With Nail Fin

Overall Size: 4' 4-1/8" wide by 5' 11-5/8" high

Active Sash Size: 4' 2-3/4" wide by 2' 11-5/8" high

Fixed Daylight Opening Size: 4' 1-1/8" wide by 2' 9" high

Screen Size: 4' 1-7/8" wide by 2' 11-5/16" high

Finish: All aluminum was polished.

Glazing Details: The active sash and fixed lite were glazed with one sheet of 1/8" thick clear tempered glass. Each sash was channel glazed using a flexible vinyl gasket.

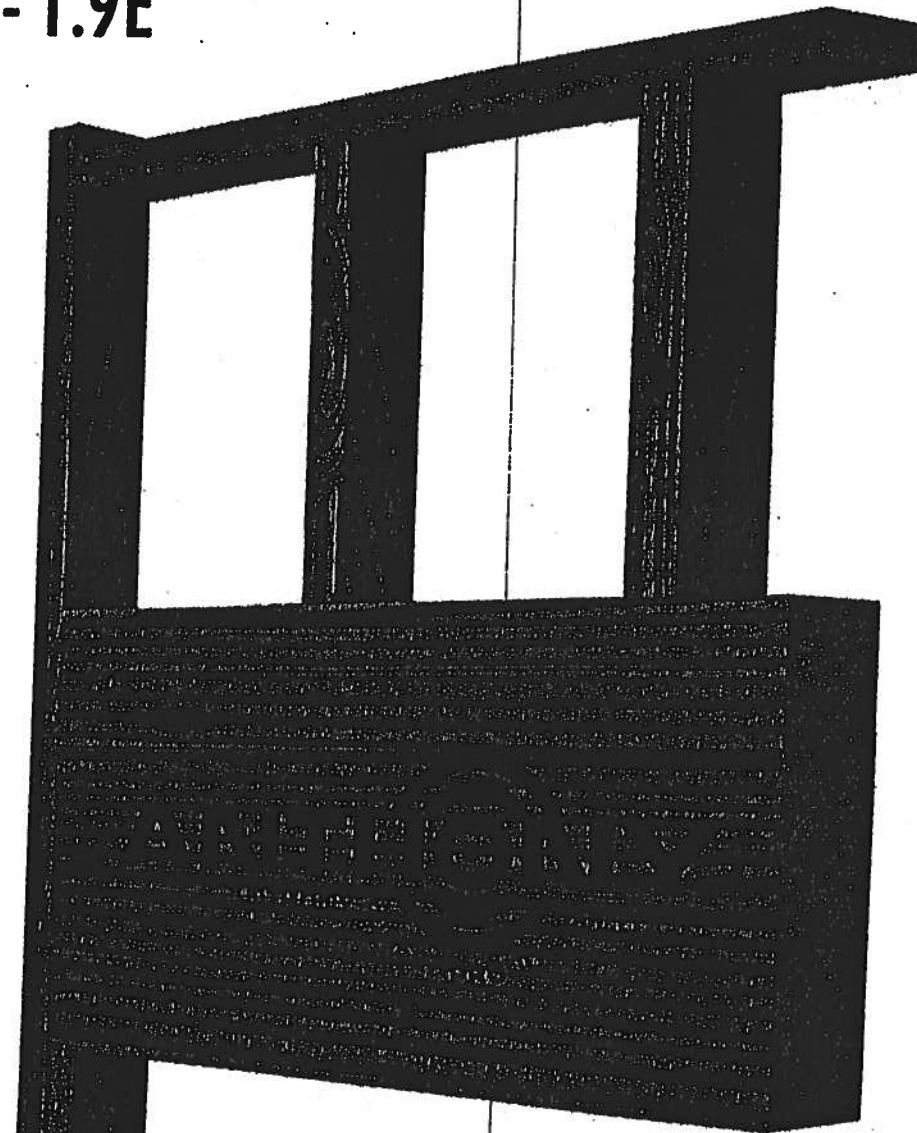
130 Derry Court
York, PA 17402-9405
Phone: 717.764.7700
Fax: 717.764.4129
www.testati.com



Allen H. Reeves

Anthony POWER HEADER®

2600F_b - 1.9E



Anthony POWER HEADER® Advantages

- ◆ Less Expensive than LVL or PSL
- ◆ Lighter than Steel, LVL or PSL
- ◆ Pre-Cut Lengths
- ◆ Renewable Resource
- ◆ Cambered or Non-cambered
- ◆ 3-1/2" Width to Match Framing
- ◆ One Piece - No Nail Laminating
- ◆ Lifetime Warranty

**Garage Header
Sizing Tables**

ANTHONY®
ANTHONY FOREST PRODUCTS CO.

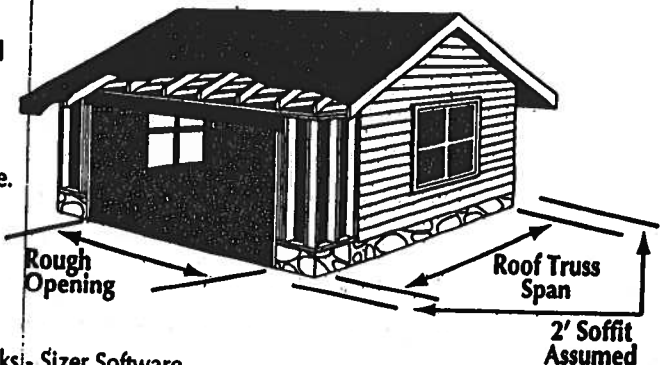
3-1/2" WIDTH GARAGE HEADER APPLICATION - SINGLE STORY HEADER SUPPORTING: 1/2 ROOF SPAN

9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"
8-3/8	11-1/4	12-5/8	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	14	15-3/8	8-3/8	14	16-3/4
8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	15-3/8	8-3/8	14	15-3/8	8-3/8	15-3/8	
8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	15-3/8	8-3/8	14	15-3/8	8-3/8	14	16-3/4	9-3/4	15-3/8	
8-3/8	12-5/8	14	8-3/8	12-5/8	15-3/8	8-3/8	14	15-3/8	8-3/8	14	15-3/8	8-3/8	15-3/8		9-3/4		
8-3/8	12-5/8	14	8-3/8	14	15-3/8	8-3/8	14	15-3/8	8-3/8	15-3/8	16-3/4	9-3/4	15-3/8		9-3/4		
8-3/8	14	15-3/8	8-3/8	14	15-3/8	8-3/8	14	16-3/4	8-3/8	15-3/8		9-3/4			9-3/4		
8-3/8	14	15-3/8	8-3/8	14	16-3/4	8-3/8	15-3/8		9-3/4	15-3/8		9-3/4			9-3/4		
8-3/8	14	15-3/8	8-3/8	15-3/8		8-3/8	15-3/8		9-3/4			9-3/4			11-1/4		
8-3/8	14	16-3/4	8-3/8	15-3/8		9-3/4	15-3/8		9-3/4			9-3/4			11-1/4		

9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"
8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	11-1/4	12-5/8	8-3/8	12-5/8	14
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8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	14	15-3/8	8-3/8	14	15-3/8	8-3/8	15-3/8	

NOTES:

1. Table assumes a simple span header supporting a uniform load transferred from 1/2 the roof span plus a 2' soffit.
2. Roof live and dead loads shown are applied vertically to the horizontal projection. No reductions in roof live loads or snow loads were considered. The header weight is accounted for in the table.
3. Deflection is limited to L/240 for live load and L/180 for total load.
4. Headers are assumed to have continuous lateral support along top edge.
5. Bearing length based on full width bearing is indicated as follows:
Non-shaded sizes require two trimmers (3" bearing).
Shaded sizes require three trimmers (4.5" bearing).
Shaded & outlined sizes require four trimmers (6" bearing).
6. ** Applications where load carrying capacity of 16-3/4" depth has been exceeded. See AFP 30F_b POWER BEAM® literature or AFP's WoodWorks[®] - Sizer Software.



3-1/2" WIDTH GARAGE HEADER PLF CAPACITY

844	896	1216	1573							
161	207	254	330	390	510	552	669	752	824	
114	145	180	231	277	359	391	510	534	653	707 789

844	975	1322								
161	207	254	330	390	510	552	724	752	897	
114	145	180	231	277	359	391	510	534	699	693

562	778	888	1056	1363	1367		1582				
107	153	169	245	260	380	368	540	501	715	664	864 840
76	107	120	171	185	267	261	380	356	521	471	684 609 813

NOTES:

1. Values shown are the maximum uniform loads in pounds per lineal foot (PLF) that can be applied to the header. Header weight has been subtracted from the allowable total load.
2. Tables are based on simple span uniform load conditions using a design span equal to the center-to-center of bearing. Non-shaded areas are based on 3" of bearing at each support, shaded areas on 4.5" of bearing, and shaded & outlined areas on 6" of bearing at supports.
3. Headers are assumed to be loaded on the top edge with continuous lateral support along compression edge.
4. When no live load is listed, total load controls.
5. Deflection limits are listed within the PLF table heading.

GARAGE HEADER SIZING USING PLF TABLES:

To size a garage header supporting roof only, determine the total load & live load in pounds per lineal foot (PLF). Check the appropriate PLF table for a header supporting roof loads only (125% Non-Snow vs. 115% Snow) and select a member with a total load and live load capacity which meets or exceeds the design load for the rough opening size. For a garage header supporting roof, wall, and floor framing, determine the total load and live load in pounds per lineal foot (PLF). Select a header size from the roof, wall, and floor table (100% load duration) which has a total load and live load capacity equal to or greater than the design load for the appropriate rough opening.

Anthony POWER HEADER®

26F_b - 1.9E

ENGINEERED WOOD SECTION PROPERTIES AND LOAD CAPACITIES

ALLOWABLE DESIGN STRESSES (PSI):

FLEXURAL STRESS (F_b) =	2600
COMPRESSION PERP. TO GRAIN ($F_{c\perp}$) =	740
HORIZONTAL SHEAR (F_v) =	225
MODULUS OF ELASTICITY (MOE) =	1.9×10^6

7.7	9.0	10.4	11.7	12.9	14.2	15.5
326	514	789	1115	1521	2014	2604
8865	12015	15996	20145	24772	29877	35460
3908	4550	5250	5892	6533	7175	7817

NOTES:

1. Beam weights are based on 38 pcf.
2. Moment capacities are based on a span of 21 feet and must be modified for other spans.
3. Flexural Stress, F_b , shall be modified by the Volume Factor, C_v , as outlined in AITC 117 - Design 1993 and the NDS for Wood Construction 1997.
4. Allowable design properties and load capacities are based on a load duration of 100 percent and dry use conditions.
5. The AITC NER 466 was used in calculating the above allowable design stresses for POWER HEADER®.

GARAGE HEADER COMPARISONS

810 / 540	3-1/2" x 8-3/8"	3-1/2" x 9-5/8"	3-1/2" x 9"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"***
990 / 720	3-1/2" x 9-3/4"	3-1/2" x 9-5/8"	3-1/2" x 10-1/2"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"***
640 / 400	3-1/2" x 12-5/8"	3-1/2" x 13-3/4"	3-1/2" x 13-1/2"	3-1/2" x 14"	3-1/2" x 14"
765 / 510	3-1/2" x 14"	3-1/2" x 15-1/8"	3-1/2" x 15"	3-1/2" x 14"	3-1/2" x 16"
750 / 480	3-1/2" x 15-3/8"	3-1/2" x 16-1/2"	3-1/2" x 16-1/2"	3-1/2" x 16"	3-1/2" x 18"
900 / 600	3-1/2" x 16-3/4"	3-1/2" x 17-7/8"	3-1/2" x 18"	3-1/2" x 16"	-----

For more information on POWER HEADER®,
or other laminated structural products from
Anthony Forest Products Company please call
1-800-221-2326 or FAX at 870-862-6502.

POWER HEADER® is a trademark of

Anthony Forest Products Company

Post Office Box 1877 • El Dorado, Arkansas 71731

Internet address: [http:// www.anthonyforest.com](http://www.anthonyforest.com)

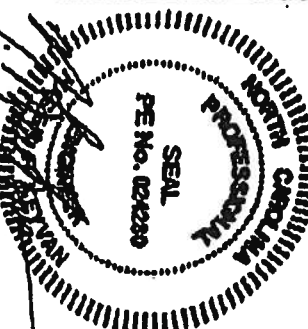
e-mail: info@anthonyforest.com

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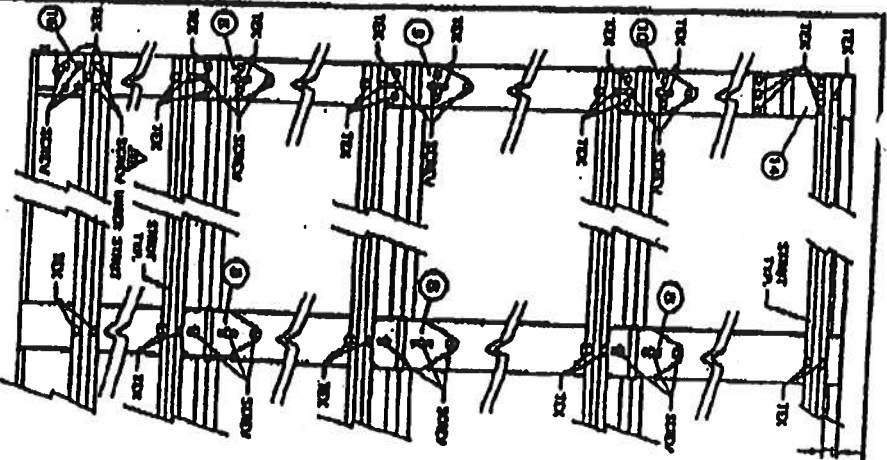
Distributed by:

REV	(DATE)	BY	LOCATION
A-A	01-10-68	DW	CCM FOR

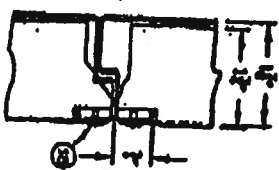
The seal on this drawing, only indicating that the product(s) described and described herein represent the configuration(s) of the door as tested.



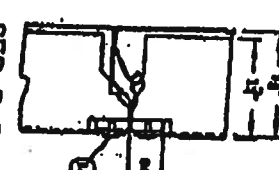
FASTER ARRANGEMENT A



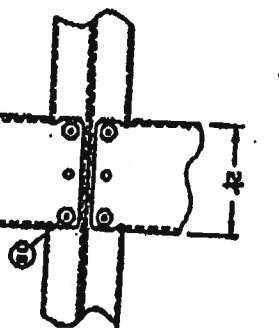
SEC. D-D
PIN ATTACHMENT
TO STILE
AS TESTED



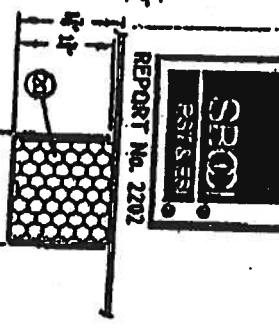
SEC. D-D
PIN ATTACHMENT
TO STILE
(OPTIONAL)



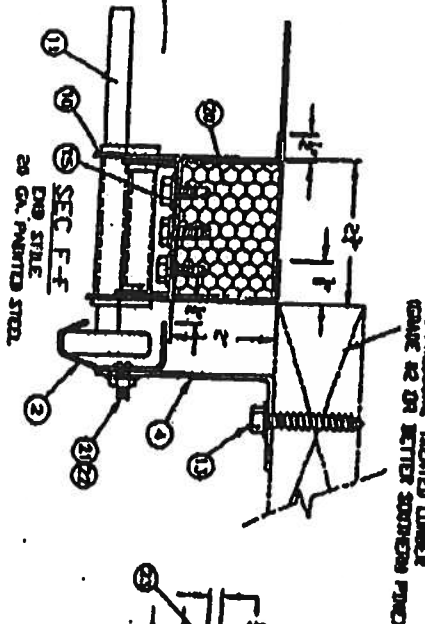
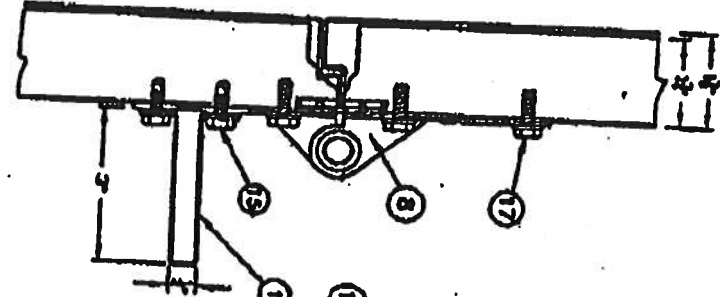
SEC. G-G
PIN ATTACHMENT
TO STILE



SEC. G-G
PIN ATTACHMENT
TO STILE
20 GA. OR LARGER



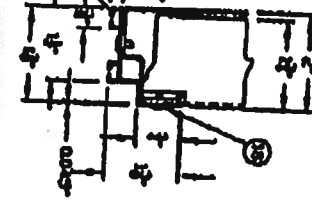
SEC. A-A



SEC. F-F
PIN ATTACHMENT
TO STILE
20 GA. OR LARGER

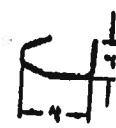


SEC. E-E



LISTED
SR01
RATED
REPORT No. 2292

TRACK
IS ON
DOOR
PART



12. STILE LOCK



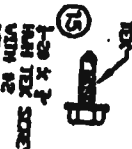
11. BRACKET IN BELLS



14. LATCH BRACKET



5-7-09 GA. OR LARGER
STAINLESS STEEL
SCREWS APPLIED WITH
2 EX. SCREWS FOR LOCK
ON STILE LOCATED
ON FOR STILE, NUMBERED



17. SCREW
1-3/8 x 3"
HEX WASHERS
SCREW
1-3/8 x 3"
HEX NUTS
WITH 2
REDUCED POINT

NO.	DESCRIPTION	QTY.	UNIT	REMARKS
1	DOOR	1	EA	
2	DOOR	1	EA	
3	DOOR	1	EA	
4	DOOR	1	EA	
5	DOOR	1	EA	
6	DOOR	1	EA	
7	DOOR	1	EA	
8	DOOR	1	EA	
9	DOOR	1	EA	
10	DOOR	1	EA	
11	DOOR	1	EA	
12	DOOR	1	EA	
13	DOOR	1	EA	
14	DOOR	1	EA	
15	DOOR	1	EA	
16	DOOR	1	EA	
17	DOOR	1	EA	
18	DOOR	1	EA	
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22	DOOR	1	EA	
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26	DOOR	1	EA	
27	DOOR	1	EA	
28	DOOR	1	EA	
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89	DOOR	1	EA	
90	DOOR	1	EA	
91	DOOR	1	EA	
92	DOOR	1	EA	
93	DOOR	1	EA	
94	DOOR	1	EA	
95	DOOR	1	EA	
96	DOOR	1	EA	
97	DOOR	1	EA	
98	DOOR	1	EA	
99	DOOR	1	EA	
100	DOOR	1	EA	

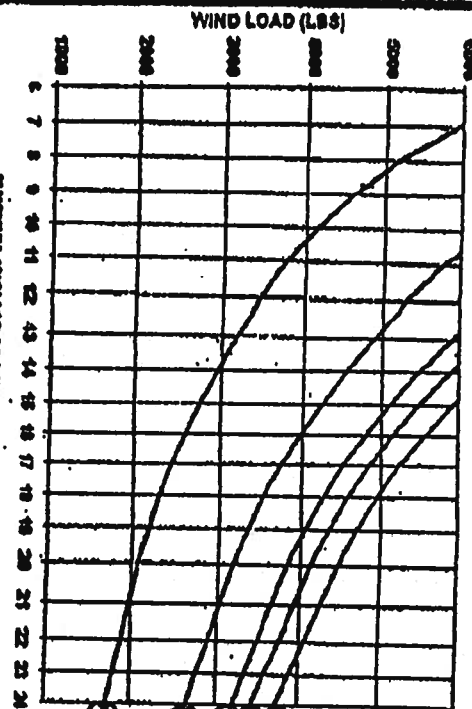


EVERGREEN AIR COMPANY
3000 WEST 10TH AVE
MONTICELLO, IL 62450

DATE: 2/2/2

W13229-2

WIND LOAD VS. ANCHOR SPACING



MAXIMUM ANCHOR SPACING (INCHES) PER EACH JAMB

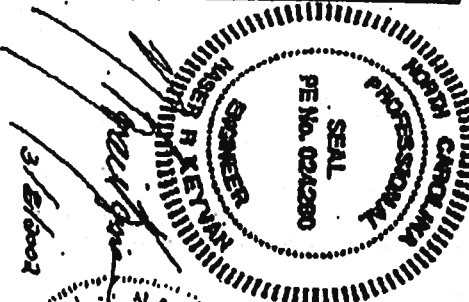
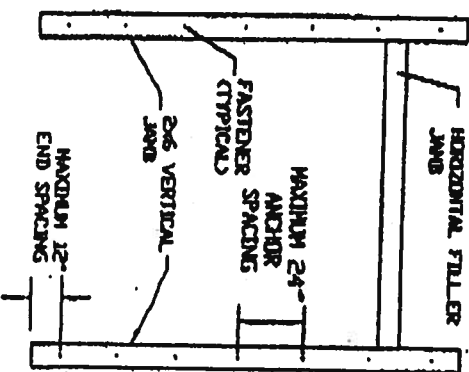
DESIGN CLASS X GARAGE DOOR AREA/WIDTH x HEIGHT = WIND LOAD/BSF
 WIND LOAD/BSF

EXAMPLE

30 LBS X 06 FT WIDE X 8 FT HIGH = 3840 LBS
 FT²

- ① USE 22" SPACING
- ② USE 24" SPACING
- ③ USE 18" SPACING
- ④ USE 19" SPACING

SEE NOTE 11 FOR ADDITIONAL
 REQUIRED FOR WIND JAMB ANCHORS



2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED GRADE OR BETTER SOUTHERN PINE
 WOOD JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAME
 OR COLUMNS, OR REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS
 BY THE FOLLOWING METHODS:

- 1) ALL DOOR UPGRADES SURROUNDING STRUCTURE TO BE DESIGNED BY
 REGISTERED ENGINEER OR ARCHITECT WITH THE CONSIDERATION GIVEN TO
 INSTALLATIONS USING CENTER "HARBOR" PISTS.
- 2) ALL DOOR UPGRADES SURROUNDING STRUCTURE AND FASTENERS TO COMPLY WITH ALL
 APPLICABLE CODES INCLUDING SCAFFOLDING STANDARDS FOR PORTLAND CEMENT
 RESISTANT CONSTRUCTION SSTD 10, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH
 MANUFACTURER'S SPECIFICATIONS, DIRECTIONS AND RECOMMENDATIONS.
- 4) WIND FRAME, SUBMERGED STUDS AT EACH SIDE OF DOOR UPGRADE SHALL BE
 PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM
 OF THREE (3) LAMINATIONS OF 2x6 PRESSURE TREATED SOUTHERN PINE OR
 GRADE OR BETTER WALL STUDS CONTINUOUS FROM FLOORING TO ROOFING TOP
 PLATE.

- 5) REINFORCED CMU OR CONCRETE 2x6 WOOD JAMB SHALL BE ANCHORED TO
 EXISTING GRADE OR REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR
 COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT
 IS BASED ON CONCRETE MASONRY UNIT (CMU) STRENGTH WITH ASTM C90 WITH A
 MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI. GROUT WITH A
 MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI. REINFORCED CONCRETE COLUMNS
 WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

- 6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A
 MINIMUM 3" EDGE DISTANCE FROM ALL SIDES OF CONCRETE OR CONCRETE
 MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM
 SPACING OF 3'-3/4".

- 8) LUG SCREWS SHALL BE CENTERED IN DEPTH OF THE 1-1/2" DIMENSION FACES
 OF THE TRIPLE 2x6 WALL STUDS.
- 9) FASTENERS ARE REQUIRED ON ALL FASTENERS.
- 10) THE WIND LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE
 OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.

- 11) FOR THE UPPER THREE HORIZONTAL STEEL JAMB BRACKETS, BRACKETS SHALL
 BE CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD JAMB ANCHORS. IF THE
 STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD
 JAMB ANCHORS, ADD AN ADDITIONAL 2x6 WOOD JAMB ANCHOR NEAR THAT STEEL
 BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY
 TRANSFERRED TO TWO WOOD JAMB ANCHORS.

GENERAL AMERICAN DOOR COMPANY 3000 ANSELME ROAD HUNTSVILLE, AL 35893	
ORDER NO. DATE 8-28-99	QUANTITY 20
ORDER NO. DATE 8-28-99	QUANTITY 20
FOR USE TO STRUCTURE ATTACHMENT FOR WIND LOADING GARAGE DOORS	
ALISO	



ELK



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

**Prestique Plus High Definition
and Prestique Gallery Collection™**

Product size	13"x 39"	50-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5"	
Pieces/Bundle	18	
Bundles/Square	4/98.5 sq.ft.	
Squares/Pallet	11	

Raised Profile

Product size	13"x 38"	30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Prestique I High Definition

Product size	13"x 39"	40-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5"	
Pieces/Bundle	18	
Bundles/Square	4/98.5 sq.ft.	
Squares/Pallet	14	

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

Size: 12"x 12"
Exposure: 6"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Prestique High Definition

Product size	13"x 38"	30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shakeswood, Sablewood, Hickory, Barkwood**, Forest Green, Wedgewood**, Birchwood**, Sandalwood.
Gallery Collection: Balsam Forest®, Weathered Sage®, Sienna Sunset®.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in SteinGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Sablewood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

*See actual limited warranty for conditions and limitations.
**Check for product availability.

SPECIFICATIONS

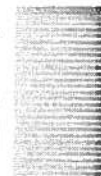
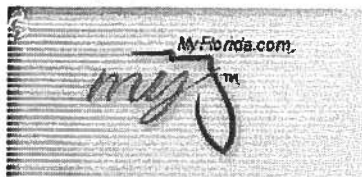
SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color).

MATERIALS: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater; apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. Fasteners

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the

Project Information for:		L208406					
Builder:	HUGO ESCALANTE	Date:	9/1/2006				
Lot:	LOT 4 CATES ROAD	Start Number:	1063				
Subdivision:	N/A	SEI Ref:	L208406				
County or City:	COLUMBIA COUNTY						
Truss Page Count:	42						
Truss Design Load Information (UNO)		Design Program: MITek					
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)							
ESCALANTE, HUGO CRC 1326967							
Address: P.O. BOX 280		Designer:		39			
FORT WHITE, FL. 32038							
Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987							
Company:		Structural Engineering and Inspections, Inc. EB 9196					
Address		16105 N. Florida Ave, Ste B, Lutz, FL 33549		Phone: 813-849-5769			
Notes:							
1. Truss Design Engineer is responsible for the individual trusses as components only.							
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI							
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.							
4. Trusses designed for vertical loads only, unless noted otherwise.							
5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitability and use of Carrying Member hanger capacity.							
#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	0901061063	9/1/2006	41	T28G	0901061103	9/1/2006
2	CJ3	0901061064	9/1/2006	42	T29	0901061104	9/1/2006
3	CJ5	0901061065	9/1/2006				
4	EJ3	0901061066	9/1/2006				
5	EJ6	0901061067	9/1/2006				
6	EJ7	0901061068	9/1/2006				
7	EJ7A	0901061069	9/1/2006				
8	EJ7B	0901061070	9/1/2006				
9	EJ7G	0901061071	9/1/2006				
10	HJ4	0901061072	9/1/2006				
11	HJ9	0901061073	9/1/2006				
12	T01	0901061074	9/1/2006				
13	T02	0901061075	9/1/2006				
14	T03	0901061076	9/1/2006				
15	T04	0901061077	9/1/2006				
16	T05	0901061078	9/1/2006				
17	T06	0901061079	9/1/2006				
18	T07	0901061080	9/1/2006				
19	T08	0901061081	9/1/2006				
20	T09	0901061082	9/1/2006				
21	T10	0901061083	9/1/2006				
22	T11	0901061084	9/1/2006				
23	T12	0901061085	9/1/2006				
24	T13	0901061086	9/1/2006				
25	T14	0901061087	9/1/2006				
26	T15	0901061088	9/1/2006				
27	T16	0901061089	9/1/2006				
28	T17	0901061090	9/1/2006				
29	T18	0901061091	9/1/2006				
30	T19	0901061092	9/1/2006				
31	T20	0901061093	9/1/2006				
32	T21	0901061094	9/1/2006				
33	T22	0901061095	9/1/2006				
34	T23	0901061096	9/1/2006				
35	T24	0901061097	9/1/2006				
36	T24G	0901061098	9/1/2006				
37	T25	0901061099	9/1/2006				
38	T26	0901061100	9/1/2006				
39	T27	0901061101	9/1/2006				
40	T28	0901061102	9/1/2006				

SEP 01 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

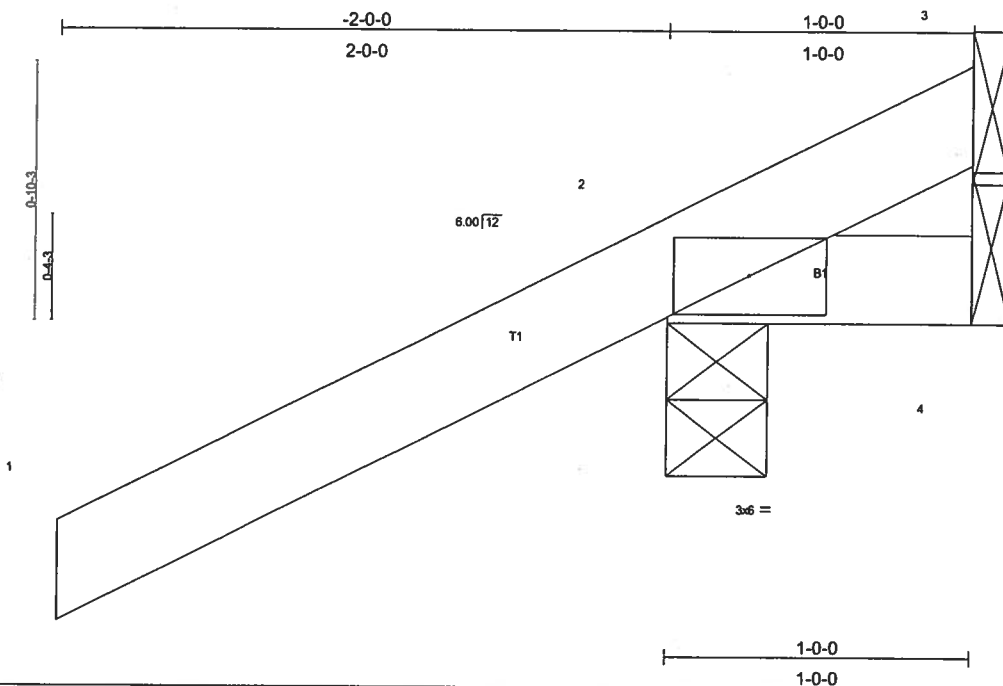
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Rank: **Cert Residential**
License Number: **CRC1326967**
Status: **Current, Active**
Licensure Date: **11/24/2003**
Expires: **08/31/2006**

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

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Job L208406	Truss CJ1	Truss Type ROOF TRUSS	Qty 10	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 13:07:01 2006 Page 1		



Scale = 1/2"

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.28	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.01	Vert(TL)	-0.00	2	>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: 7 lb	

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

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

REACTIONS (lb/size) 2=267/0-4-0, 4=14/Mechanical, 3=-91/Mechanical
Max Horz 2=87(load case 5)
Max Uplift 2=-275(load case 5), 3=-91(load case 1)
Max Grav 2=267(load case 1), 4=14(load case 1), 3=128(load case 5)

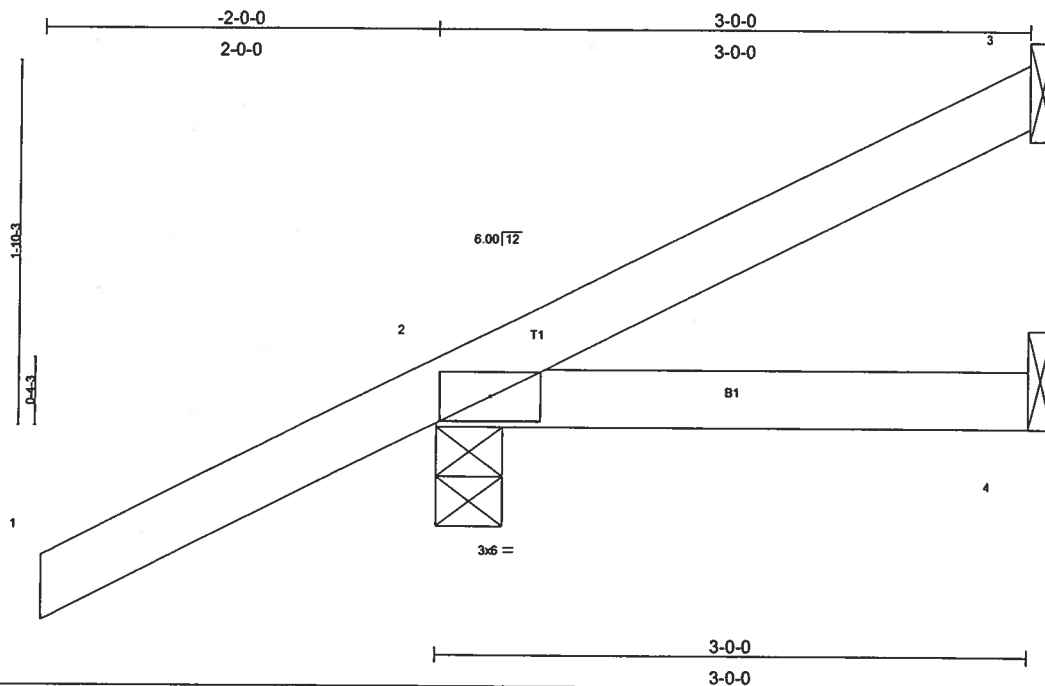
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-69/76
BOT CHORD 2-4=0/0

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; 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 275 lb uplift at joint 2 and 91 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L208406	Truss CJ3	Truss Type ROOF TRUSS	Qty 6	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:07:15 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	Vert(LL)	-0.00	2-4	>999	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.05	Vert(TL)	-0.01	2-4	>999		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 13 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift 3=27(load case 6), 2=-205(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

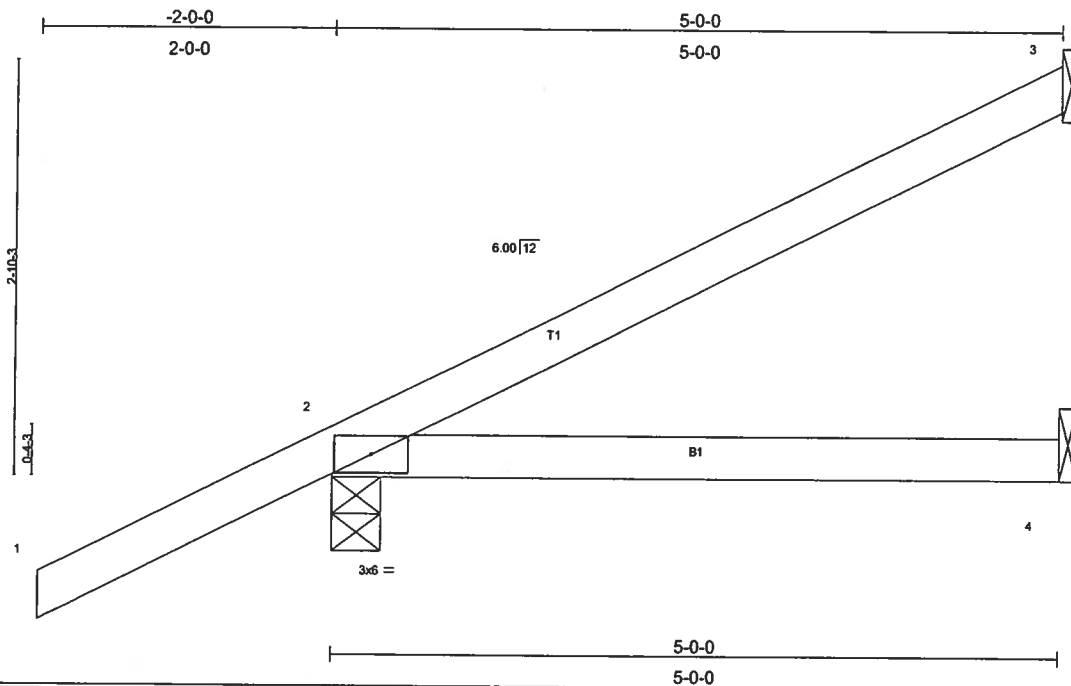
TOP CHORD 1-2=0/47, 2-3=-58/7
BOT CHORD 2-4=0/0

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; 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 27 lb uplift at joint 3 and 205 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L208406	Truss CJ5	Truss Type ROOF TRUSS	Qty 6	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:07:41 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	In (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.16	Vert(LL) -0.03 2-4 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.05 2-4 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TP12002				
					Weight: 19 lb

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

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

REACTIONS (lb/size) 3=102/Mechanical, 2=344/0-4-0, 4=72/Mechanical
Max Horz 2=178(load case 5)
Max Uplift 3=87(load case 5), 2=201(load case 5)

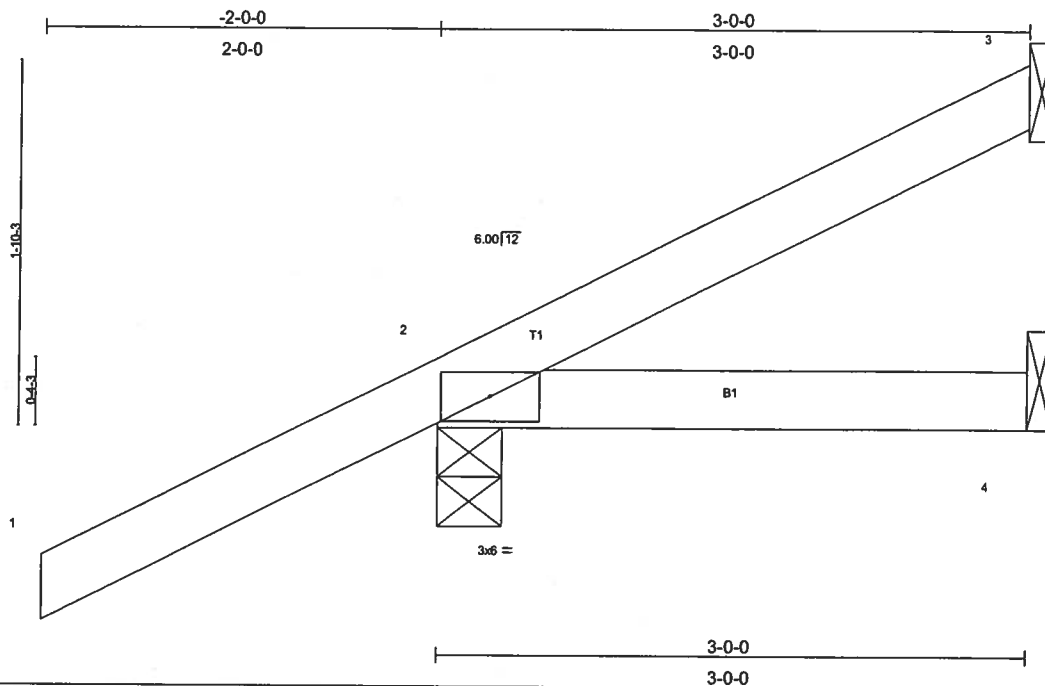
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=87/36
BOT CHORD 2-4=0/0

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; 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 3 and 201 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L208406	Truss EJ3	Truss Type ROOF TRUSS	Qty 2	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:07:59 2006 Page 1		



Scale = 1/11.1

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	In (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.05	Vert(LL) -0.00 2-4 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.01 2-4 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TPI2002				
				Weight: 13 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift 3=-27(load case 6), 2=-205(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

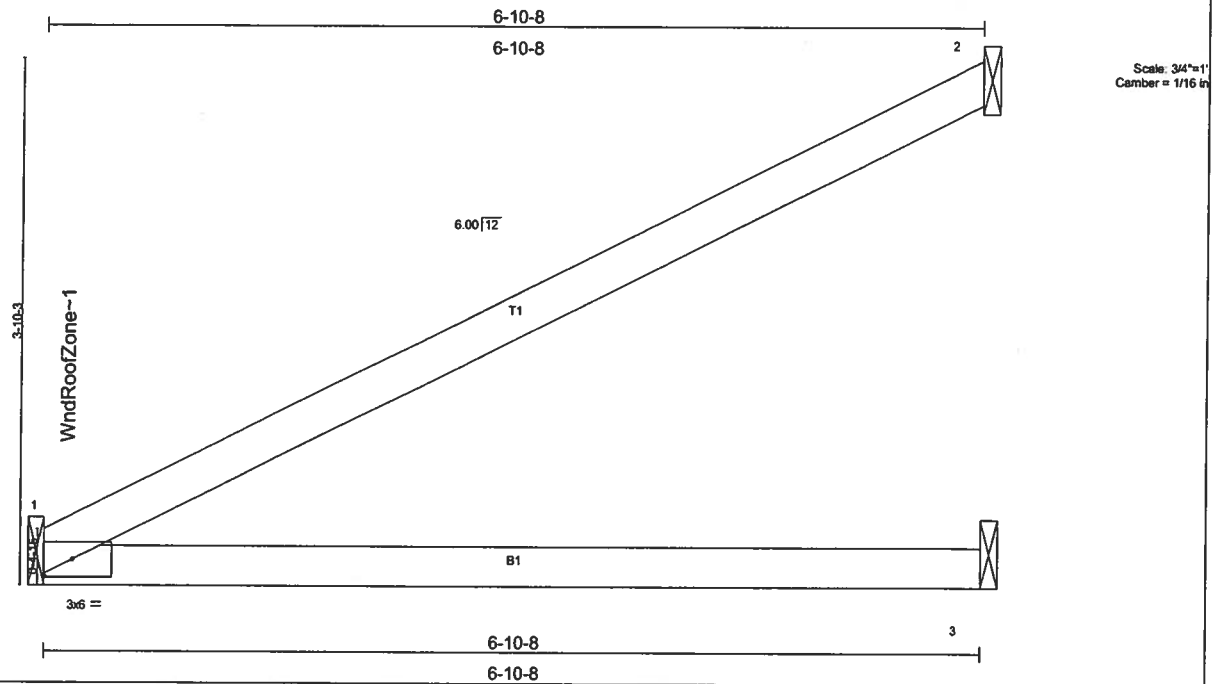
TOP CHORD 1-2=0/47, 2-3=-58/7
BOT CHORD 2-4=0/0

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; 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 27 lb uplift at joint 3 and 205 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L208406	Truss EJ6	Truss Type ROOF TRUSS	Qty 3	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 15:21:26 2006 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.56	Vert(LL)	-0.11	1-3	>744	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.32	Vert(TL)	-0.19	1-3	>425	180		
BCCL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
Weight: 22 lb										

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-10-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=284/Mechanical, 2=182/Mechanical, 3=101/Mechanical
Max Horz 1=162(load case 5)
Max Uplift 1=65(load case 5), 2=169(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-102/67
BOT CHORD 1-3=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 Interior(1) 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 65 lb uplift at joint 1 and 169 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L208406	Truss EJ7	Truss Type ROOF TRUSS	Qty 31	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 13:20:36 2006 Page 1		

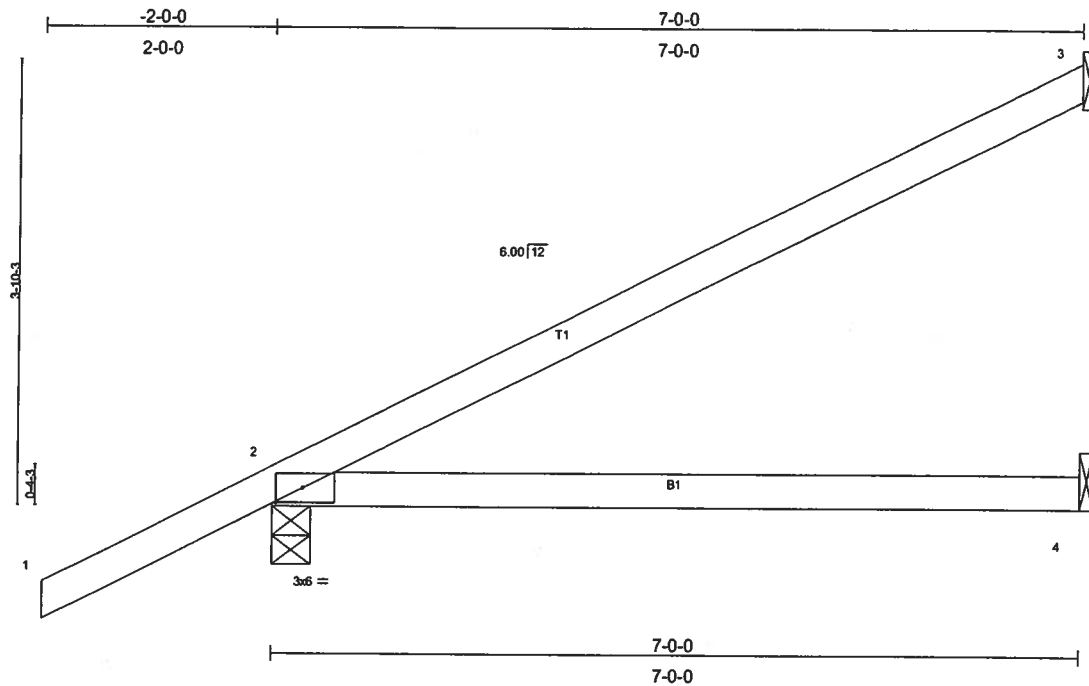


Plate Offsets (X,Y): [2-0-2-12.0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.48	Vert(LL)	-0.12	2-4	>674	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.34	Vert(TL)	-0.20	2-4	>403	180	244/190
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 26 lb

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=162/Mechanical, 2=420/0-4-0, 4=104/Mechanical
Max Horz 2=224(load case 5)
Max Uplift 3=-134(load case 5), 2=-211(load case 5)

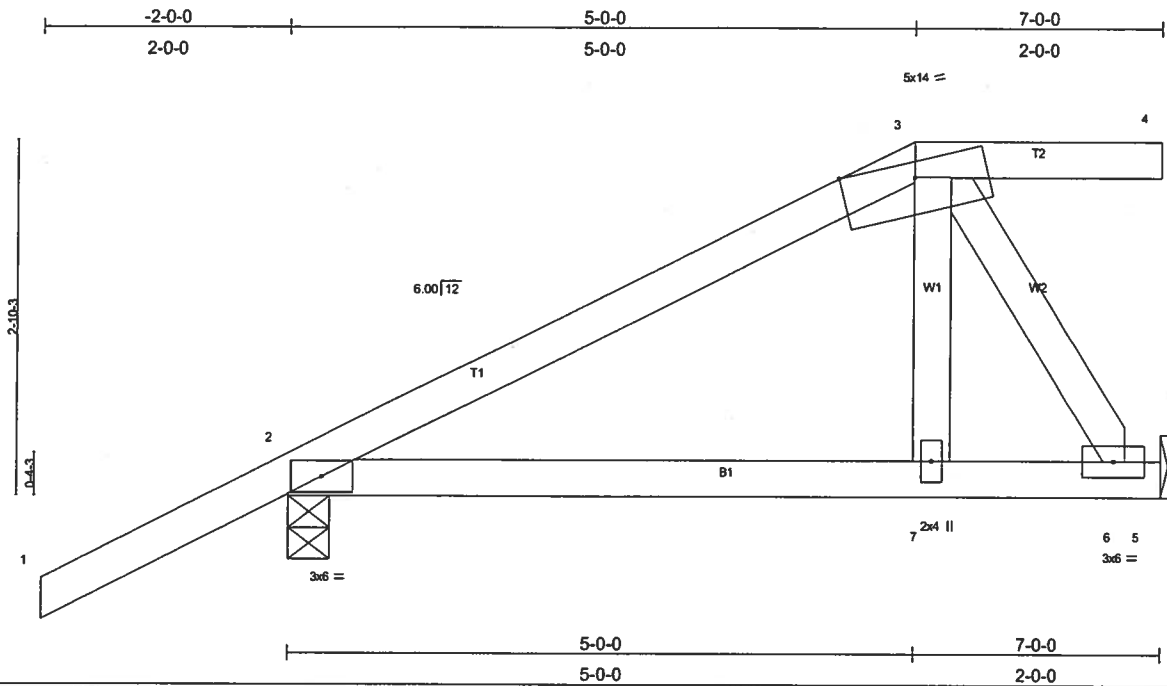
FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-119/58
BOT CHORD 2-4=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; 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 134 lb uplift at joint 3 and 211 lb uplift at joint 2.

LOAD CASE(S) Standard



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/def L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.30	Vert(LL) -0.01 2-7 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.15	Vert(TL) -0.02 2-7 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.08	Horz(TL) 0.00 5 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			
				Weight: 33 lb	

LUMBER

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

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-285/67, 3-4=0/0
BOT CHORD 2-7=-128/200, 6-7=-127/210, 5-6=0/0
WEBS 3-7=0/175, 3-6=-377/228

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) 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 and C-C exterior (2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 232 lb uplift at joint 2 and 118 lb uplift at joint 5.

LOAD CASE(S) Standard

Job L208406	Truss EJ7B	Truss Type ROOF TRUSS	Qty 7	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:25:37 2006 Page 1		

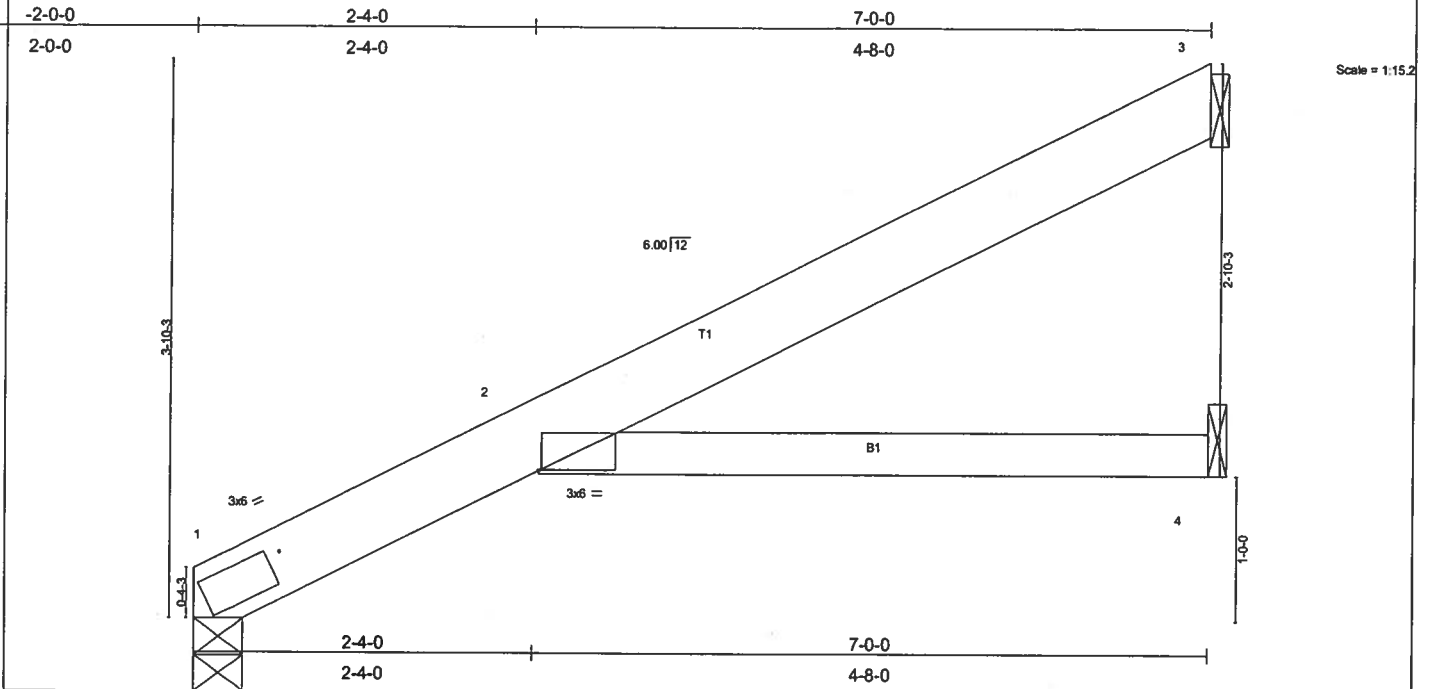


Plate Offsets (X,Y): [2:0-0-4,Edge], [2:1-10-3,0-3-5]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.20	Vert(LL) 0.07	2	>999	240		MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.15	Vert(TL) -0.09	2-4	>954	180			
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) 0.03	4	n/a	n/a			
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
									Weight: 26 lb

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

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) 1=129/0-4-0, 3=186/Mechanical, 4=68/Mechanical
Max Horz 1=111(load case 5)
Max Uplift 1=-13(load case 5), 3=-145(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-133/0, 2-3=-118/75
BOT CHORD 2-4=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; 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 13 lb uplift at joint 1 and 145 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L208406	Truss EJ7G	Truss Type ROOF TRUSS	Qty 2	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 13:35:26 2006 Page 1		

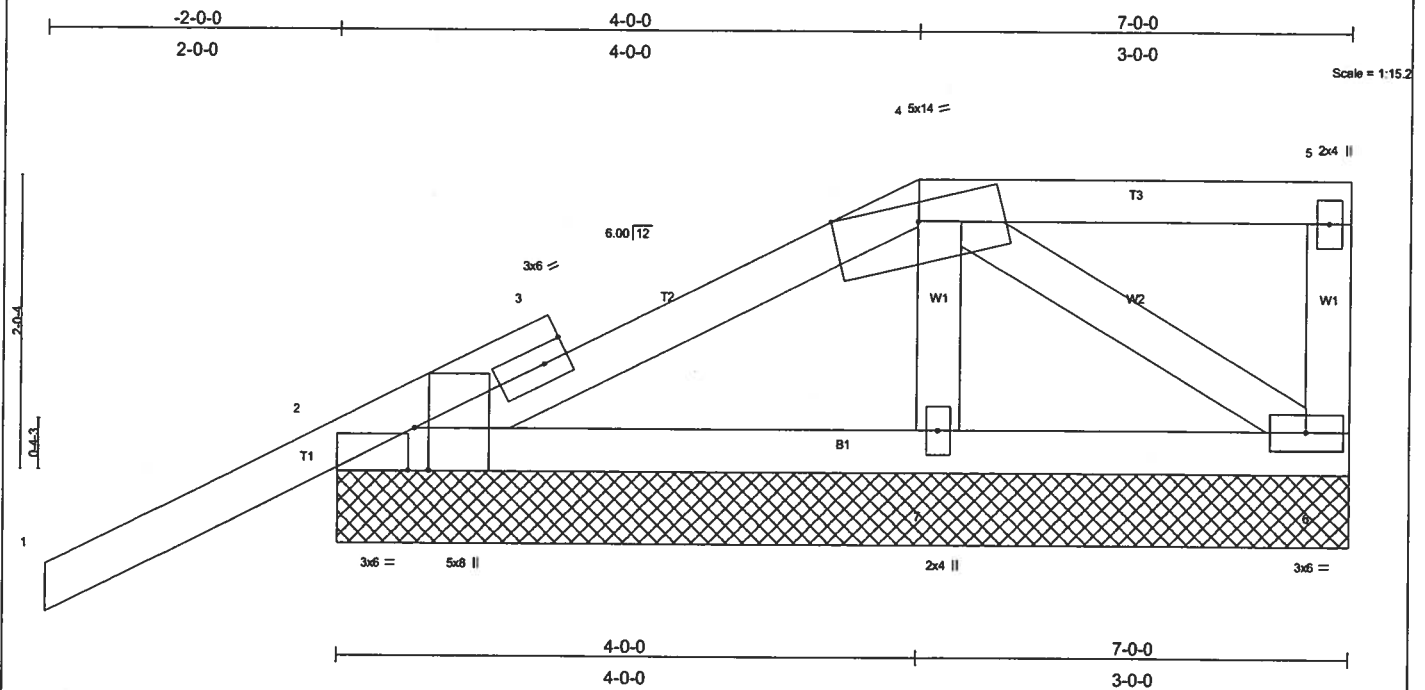


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.49	Vert(LL)	-0.03	1	n/r	120	MT20	244/190
TCCL 7.0	Lumber Increase	1.25	BC 0.08	Vert(TL)	-0.05	1	n/r	90		
BCLL 10.0	Rep Stress Incr	NO	WB 0.08	Horz(TL)	-0.00	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
									Weight: 35 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=533/Mechanical, 6=121/Mechanical, 7=560/Mechanical
Max Horz 2=142(load case 5)
Max Uplift 2=-296(load case 5), 6=-91(load case 3), 7=-160(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-27/99, 2-3=-69/42, 3-4=-41/101, 4-5=-26/22, 5-6=-135/121
BOT CHORD 2-7=-40/0, 6-7=-45/6
WEBS 4-7=-445/330, 4-6=-19/82

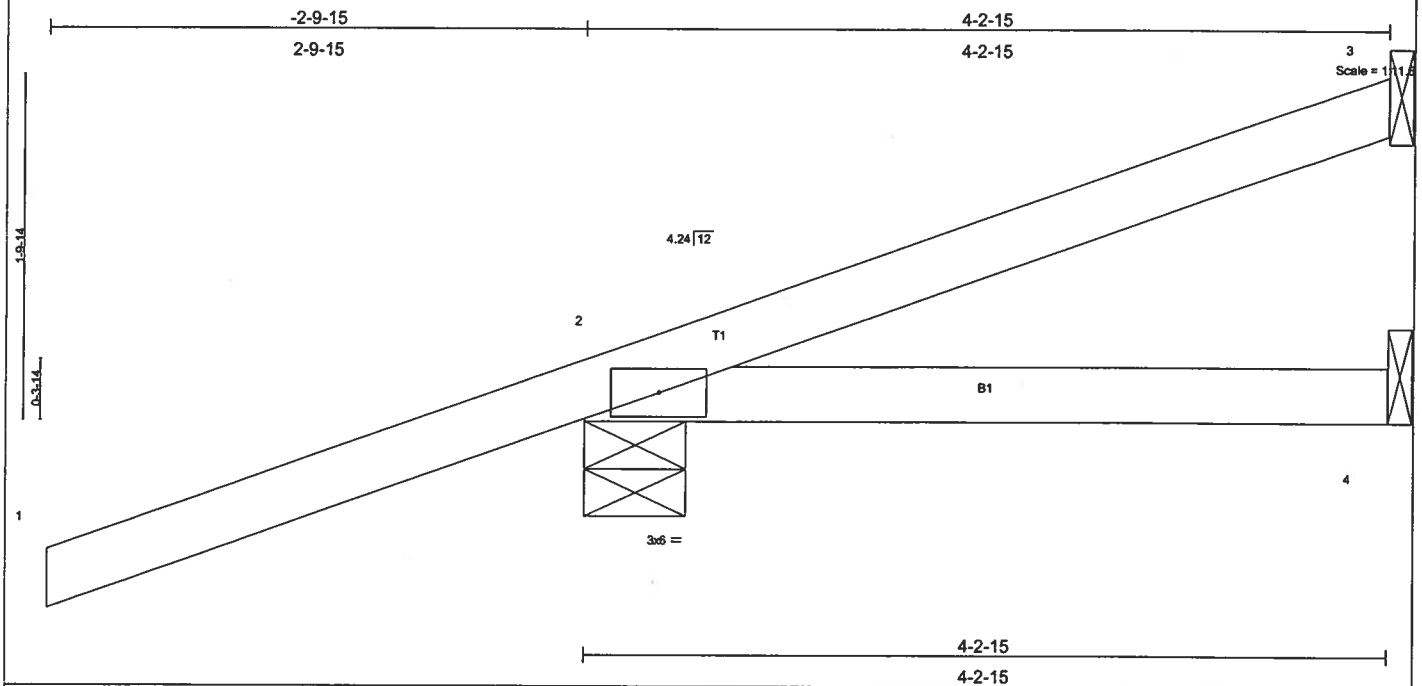
NOTES

- 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) 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"
- 3) Provide adequate drainage to prevent water ponding.
- 4) Gable requires continuous bottom chord bearing.
- 5) Gable studs spaced at 2-0-0 oc.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 296 lb uplift at joint 2, 91 lb uplift at joint 6 and 160 lb uplift at joint 7.
- 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=-114(F=-60), 4-5=-114(F=-60), 2-6=-30

Job L208406	Truss HJ4	Truss Type ROOF TRUSS	Qty 2	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Milltek Industries, Inc. Thu Aug 31 13:35:59 2006 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.55	Vert(LL)	-0.01	2-4	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.07	Vert(TL)	-0.01	2-4	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
									Weight 18 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=11/Mechanical, 2=296/0-6-7, 4=42/Mechanical
 Max Horz 2=98(load case 2)
 Max Uplift 3=-5(load case 4), 2=-260(load case 2)
 Max Grav 3=34(load case 5), 2=296(load case 1), 4=42(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=-39/11
 BOT CHORD 2-4=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; 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 5 lb uplift at joint 3 and 260 lb uplift at joint 2.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

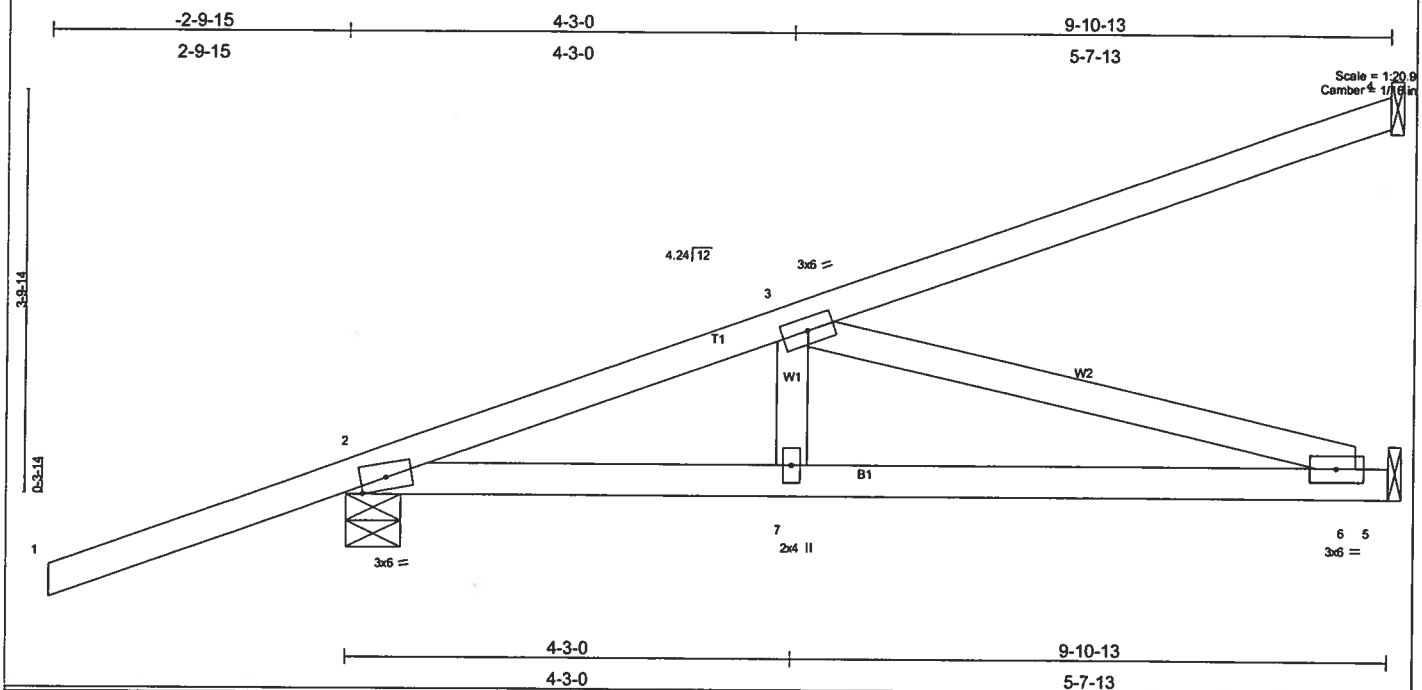
Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

Vert: 2=-4(F=25, B=25)-to-3=-57(F=-2, B=-2), 2=0(F=15, B=15)-to-4=-32(F=-1, B=-1)

Job L208406	Truss HJ9	Truss Type ROOF TRUSS	Qty 3	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:36:47 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2'-0"	TC 0.61	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.57	Vert(LL) -0.10 6-7 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.46	Vert(TL) -0.17 6-7 >686 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 5 n/a n/a		
	Code FBC2004/TPI2002				
				Weight: 45 lb	

LUMBER

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

BRACING

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

REACTIONS

(lb/size) 4=269/Mechanical, 2=537/0-6-6, 5=373/Mechanical
 Max Horz 2=269(load case 2)
 Max Uplift 4=231(load case 2), 2=284(load case 2), 5=61(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/50, 2-3=-874/114, 3-4=-105/66
 BOT CHORD 2-7=-302/808, 6-7=-302/808, 5-6=0/0
 WEBS 3-7=0/177, 3-6=-840/315

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; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 231 lb uplift at joint 4, 284 lb uplift at joint 2 and 61 lb uplift at joint 5.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Job L208406	Truss T01	Truss Type ROOF TRUSS	Qty 1	Ply 2	HUGO ESCALANTE - CATES ROAD
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)

6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:39:37 2006 Page 1

-2-0-0	3-0-0	9-2-6	15-4-13	21-7-3	27-9-10	34-0-0	37-2-12	41-0-0	43-0-0
2-0-0	3-0-0	6-2-6	6-2-6	6-2-6	6-2-6	6-2-6	3-2-12	3-9-4	2-0-0

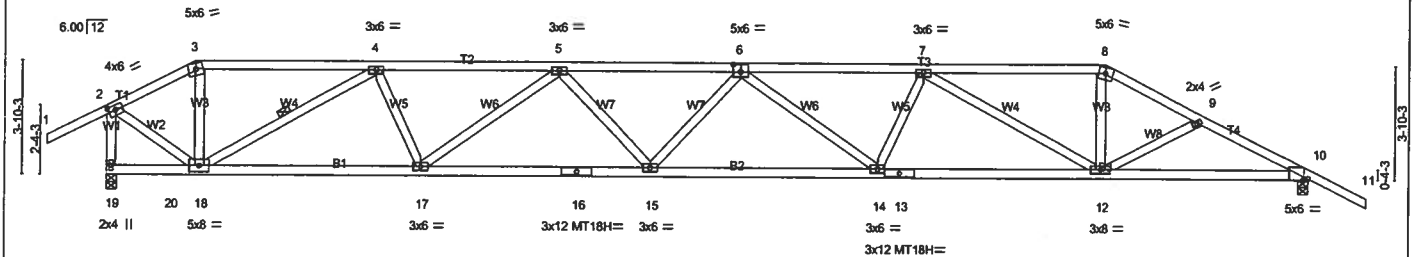
Scale = 1/4" = 1'-0"
Camber = 3/8"

Plate Offsets (X,Y): [2:0-2-15,0-2-0], [6:0-3-0,0-3-0], [10:0-1-10,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In (loc)	L/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.66	Vert(LL)	-0.63 14-15	>775	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.91	Vert(TL)	-1.01 14-15	>482	180	MT18H	244/190
BCLL 10.0	Rep Stress Incr	NO	WB 0.72	Horz(TL)	0.24 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
								Weight: 430 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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-7-2 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 4-18

REACTIONS (lb/size) 19=3768/0-4-0, 10=3643/0-4-0
 Max Horz 19=107(load case 2)
 Max Uplift 19=1580(load case 3), 10=1509(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/52, 2-3=3268/1436, 3-4=2968/1341, 4-5=8244/3643, 5-6=10609/4685, 6-7=9997/4421, 7-8=6445/2858, 8-9=7078/3093, 9-10=7030/3000, 10-11=0/47, 2-19=3665/1518
 BOT CHORD 19-20=28/136, 18-20=28/136, 17-18=3305/7425, 16-17=4480/10040, 15-16=4480/10040, 14-15=4767/10743, 13-14=4190/9525, 12-13=4190/9525, 10-12=2574/6129
 WEBS 3-18=275/988, 4-18=5175/2406, 4-17=665/2053, 5-17=2264/1181, 5-15=176/869, 6-15=206/306, 6-14=972/612, 7-14=292/1202, 7-12=3619/1723, 8-12=999/2609, 9-12=219/364, 2-18=1552/3616

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=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.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1580 lb uplift at joint 19 and 1509 lb uplift at joint 10.
- Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 2-1-8
- Girder carries hip end with 7-0-0 right side setback, 3-0-0 left side setback, and 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 34-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=54, 2-3=54, 3-8=117(F=63), 8-11=54, 19-20=128(F=98), 18-20=30, 12-18=65(F=35), 10-12=30
 Concentrated Loads (lb)
 Vert: 12=539(F)

Job L208406	Truss T02	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:40:37 2006 Page 1		

-2-0-0	5-0-0	11-9-0	18-6-0	25-3-0	32-0-0	36-2-12	41-0-0	43-0-0
2-0-0	5-0-0	6-9-0	6-9-0	6-9-0	6-9-0	4-2-12	4-9-4	2-0-0

Scale = 1:74.9
Camber = 1/4 in

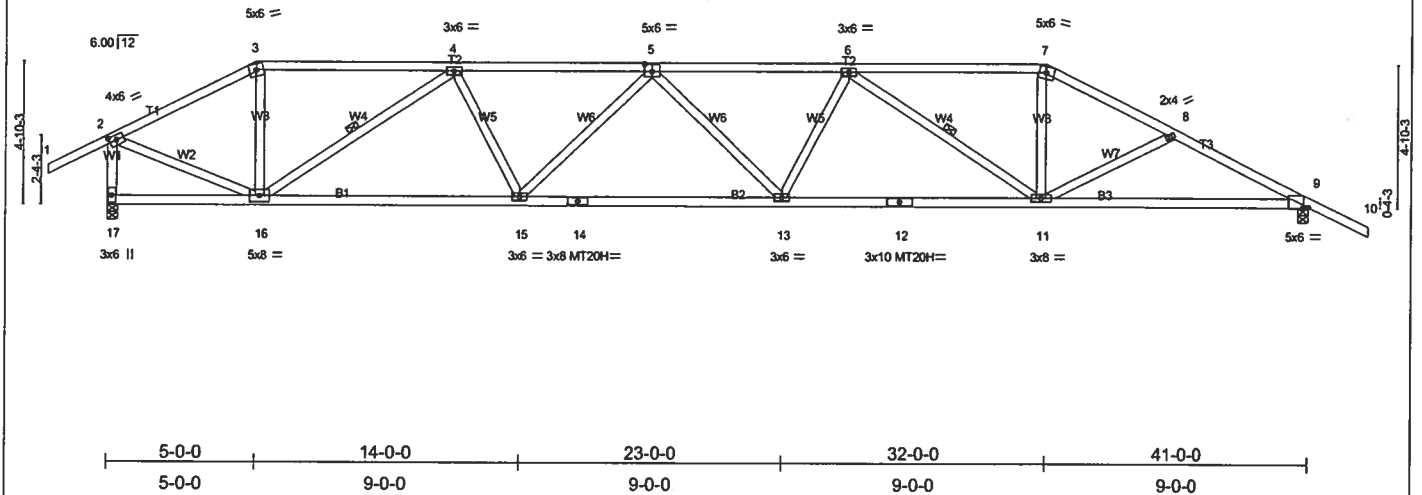


Plate Offsets (X,Y): [2-0-2-15,0-2-0], [5-0-3-0,0-3-0], [9-0-1-11,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.41	in (loc) I/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.90	Vert(LL) -0.45 13-15 >999 240	MT20H	187/143
BCLL 10.0	Rep Stress Incr YES	WB 0.58	Vert(TL) -0.73 13-15 >672 180		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) 0.19 9 n/a n/a		
Weight: 217 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 2-11-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-8 oc bracing.
WEBS 1 Row at midpt 4-16, 6-11

REACTIONS (lb/size) 17=1825/0-4-0, 9=1826/0-4-0
Max Horz 17=-121(load case 3)
Max Uplift 17=-555(load case 4), 9=-592(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-1917/799, 3-4=-1682/770, 4-5=-3427/1426, 5-6=-3752/1554, 6-7=-2677/1144, 7-8=-3001/1205, 8-9=-3199/1290, 9-10=0/47, 2-17=-1772/852
BOT CHORD 16-17=-23/138, 15-16=-1052/3120, 14-15=-1308/3768, 13-14=-1308/3768, 12-13=-1237/3614, 11-12=-1237/3614, 9-11=-980/2794
WEBS 3-16=-128/565, 4-16=-1775/713, 4-15=-154/702, 5-15=-496/274, 5-13=-71/130, 6-13=-45/348, 6-11=-121/536, 7-11=-295/1003, 8-11=-169/181, 2-16=-802/1798

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 exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 555 lb uplift at joint 17 and 592 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L208406	Truss T03	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 13:41:09 2006 Page 1		

-2-0-0	7-0-0	14-8-9	22-3-7	30-0-0	35-2-12	41-0-0	43-0-0
2-0-0	7-0-0	7-8-9	7-6-13	7-8-9	5-2-12	5-9-4	2-0-0
							Scale = 1:74.9 Camber = 3/16 in

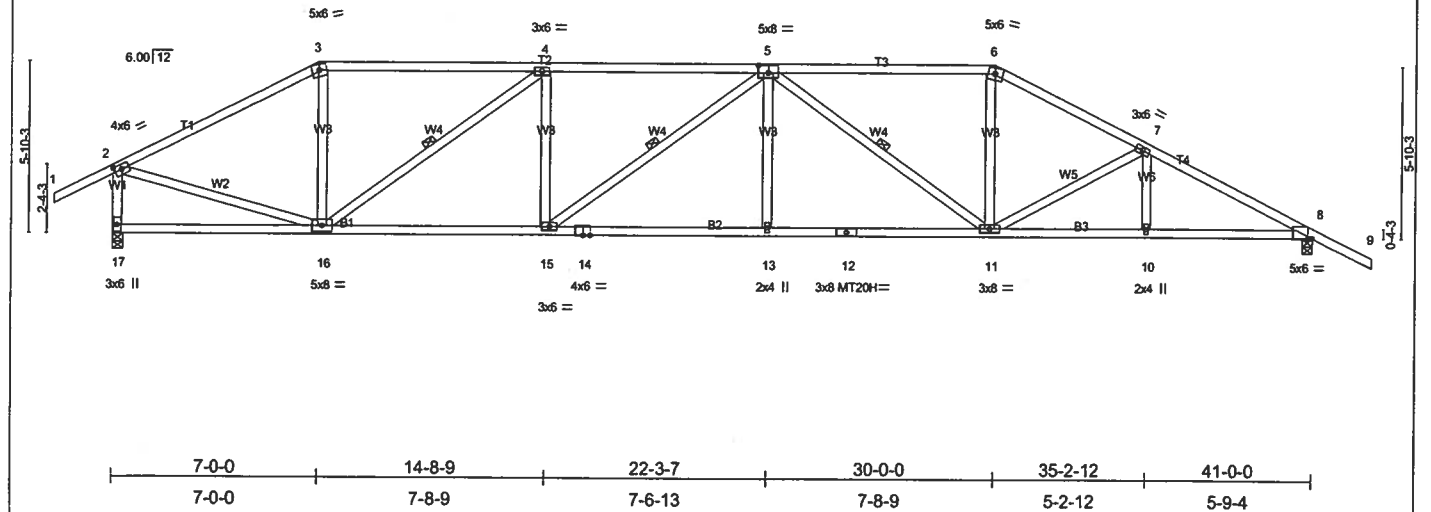


Plate Offsets (X,Y): [2-0-2-15,0-2-0], [5-0-4-0-0-3-0], [6-0-1-11,Edge]							
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/def	L/d
TCCL 20.0	Plates Increase	1.25	TC 0.51	Vert(LL)	-0.33 13-15	>999	240
TCDL 7.0	Lumber Increase	1.25	BC 0.71	Vert(TL)	-0.53 13-15	>929	180
BCLL 10.0	Rep Stress Incr	YES	WB 0.60	Horz(TL)	0.17 8	n/a	n/a
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)				
				PLATES GRIP			
				MT20 244/190			
				MT20H 187/143			
				Weight: 229 lb			

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-3-3 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-3-6 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 4-16, 5-15, 5-11

REACTIONS (lb/size) 17=1825/0-4-0, 8=1826/0-4-0
 Max Horz 17=136(load case 3)
 Max Uplift 17=564(load case 5), 8=612(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/52, 2-3=2106/886, 3-4=1824/870, 4-5=2924/1295, 5-6=2501/1132, 6-7=2825/1188, 7-8=3257/1273, 8-9=0/47, 2-17=1721/867
 BOT CHORD 16-17=63/150, 15-16=934/2924, 14-15=1024/3153, 13-14=1024/3153, 12-13=1024/3153, 11-12=1024/3153, 10-11=960/2825, 8-10=960/2825
 WEBS 3-16=106/575, 4-16=1421/533, 4-15=21/412, 5-15=314/112, 5-13=0/231, 5-11=915/389, 6-11=259/873, 7-11=396/223, 7-10=0/155, 2-16=590/1793

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 exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are MT20 plates unless otherwise indicated.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 564 lb uplift at joint 17 and 612 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L208406	Truss T04	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 13:41:49 2006 Page 1		

-2-0-0	4-7-12	9-0-0	15-4-0	21-8-0	28-0-0	34-2-12	41-0-0	43-0-0
2-0-0	4-7-12	4-4-4	6-4-0	6-4-0	6-4-0	6-2-12	6-9-4	2-0-0

Scale = 1/74.9
Camber = 1/4 in

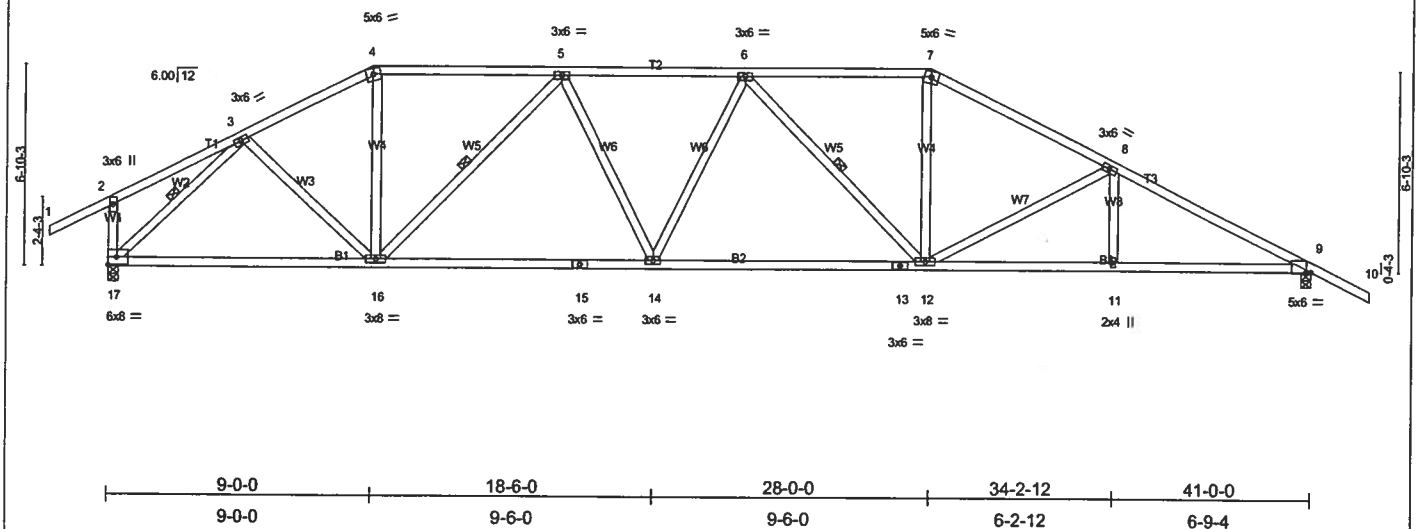


Plate Offsets (X,Y): 19:0-1-11, Edge					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.64	in (loc)	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.79	Vert(LL) -0.34 12-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.50	Vert(TL) -0.56 12-14 >868 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.16 9 n/a n/a		
	Code FBC2004/TP12002				Weight: 234 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-1-13 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-5-6 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-16, 6-12, 3-17

REACTIONS (lb/size) 17=1825/0-4-0, 9=1826/0-4-0
Max Horz 17=-150(load case 3)
Max Uplift 17=-584(load case 5), 9=629(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/52, 2-3=-182/163, 3-4=-2110/945, 4-5=-1862/904, 5-6=-2626/1188, 6-7=-2337/1098, 7-8=-2669/1147, 8-9=-3231/1287, 9-10=0/47, 2-17=-317/334
BOT CHORD 16-17=-449/1506, 15-16=-759/2478, 14-15=-759/2478, 13-14=-821/2636, 12-13=-821/2636, 11-12=-964/2800, 9-11=-964/2800
WEBS 3-16=-163/535, 4-16=-192/611, 5-16=-955/392, 5-14=-41/380, 6-14=-60/105, 6-12=-562/291, 7-12=-249/819, 8-12=-548/320, 8-11=0/190, 3-17=-1966/784

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 exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 584 lb uplift at joint 17 and 629 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L208406	Truss T05	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 13:42:36 2006 Page 1		

2-0-0	5-7-12	11-0-0	18-6-0	26-0-0	33-2-12	41-0-0	43-0-0
2-0-0	5-7-12	5-4-4	7-6-0	7-6-0	7-2-12	7-9-4	2-0-0

Scale = 1/4" = 1'-0"
Camber = 1/8" in

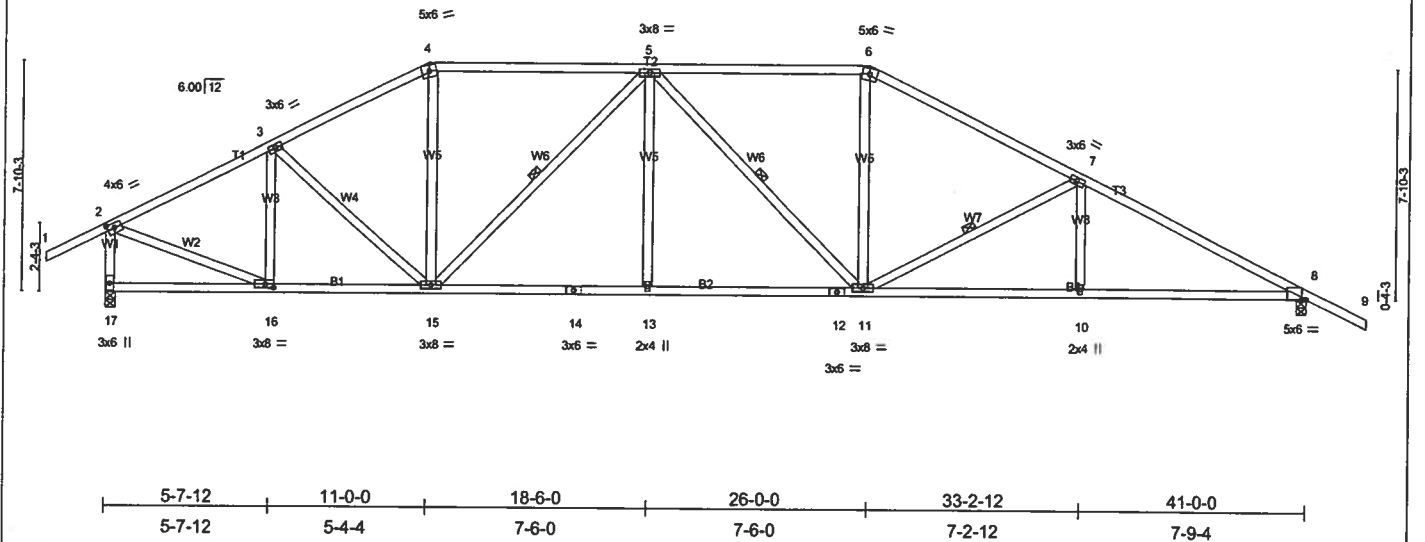


Plate Offsets (X,Y): [2:0-2-15,0-2-0], [8:0-1-11,Edge], [16:0-3-8,0-1-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.80	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.75	Vert(LL) -0.24 11-13 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.55	Vert(TL) -0.39 11-13 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.14 8 n/a n/a		
	Code FBC2004/TP12002			Weight: 242 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 2-10-12 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-5-6 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-15, 5-11, 7-11

REACTIONS (lb/size) 17=1825/0-4-0, 8=1826/0-4-0
 Max Horz 17=-165(load case 3)
 Max Uplift 17=-603(load case 5), 8=-646(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/52, 2-3=-1947/852, 3-4=-2101/978, 4-5=-1839/941, 5-6=-2171/1075, 6-7=-2502/1112, 7-8=-3197/1289, 8-9=0/47, 2-17=-1736/880
 BOT CHORD 16-17=-80/171, 15-16=-493/1676, 14-15=-662/2314, 13-14=-662/2314, 12-13=-662/2314, 11-12=-662/2314, 10-11=-955/2764, 8-10=-955/2764
 WEBS 3-16=-471/254, 3-15=-136/313, 4-15=-167/554, 5-15=-769/283, 5-13=0/225, 5-11=-374/198, 6-11=-192/687, 7-11=-691/392, 7-10=0/248, 2-16=-617/1726

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 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 603 lb uplift at joint 17 and 646 lb uplift at joint 8.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO ESCALANTE - CATES ROAD
TEMP	T06	ROOF TRUSS	1	1	
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
					6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:43:15 2006 Page 1

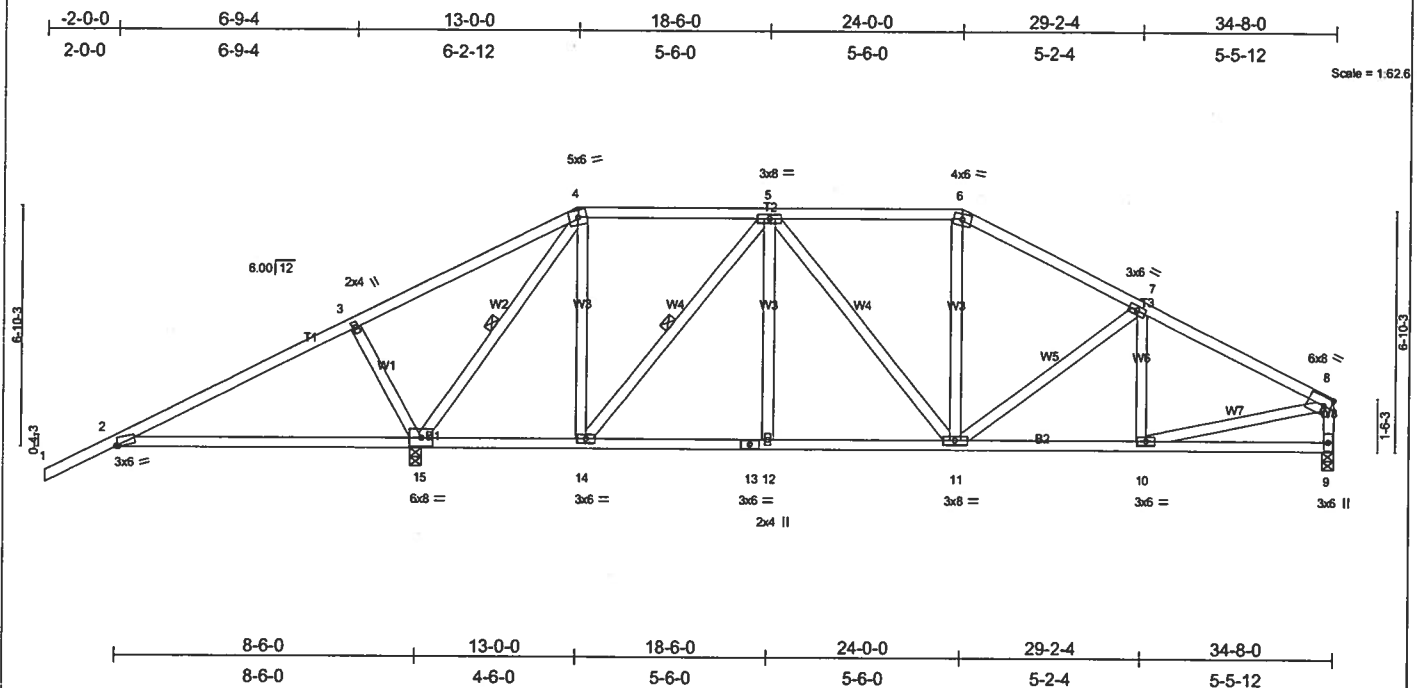


Plate Offsets (X,Y): [2-0-0-10,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	L/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.49	Vert(LL) -0.06 12-14	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.41	Vert(TL) -0.10 12-14	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.58	Horz(TL) 0.03 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)					
							Weight: 204 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-5-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 6-0-0 oc bracing: 2-15.
 WEBS 1 Row at midpt 4-15, 5-14

REACTIONS

(lb/size) 15=2077/0-4-0, 9=930/0-4-0
 Max Horz 15=195(load case 5)
 Max Uplift 15=-997(load case 5), 9=-299(load case 6)
 Max Grav 15=2077(load case 1), 9=1002(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-930/916, 3-4=-920/1083, 4-5=-352/162, 5-6=-929/366, 6-7=-1097/355, 7-8=-1289/382, 8-9=-915/310
 BOT CHORD 2-15=-732/971, 14-15=-87/397, 13-14=-205/838, 12-13=-205/838, 11-12=-205/838, 10-11=-273/1094, 9-10=-86/170
 WEBS 3-15=-361/372, 4-15=-1819/1092, 4-14=-267/750, 5-14=-844/477, 5-12=0/174, 5-11=-238/240, 6-11=0/175, 7-11=-233/226, 7-10=-71/86,
 8-10=-202/950

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; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 997 lb uplift at joint 15 and 299 lb uplift at joint 9.

LOAD CASE(S) Standard

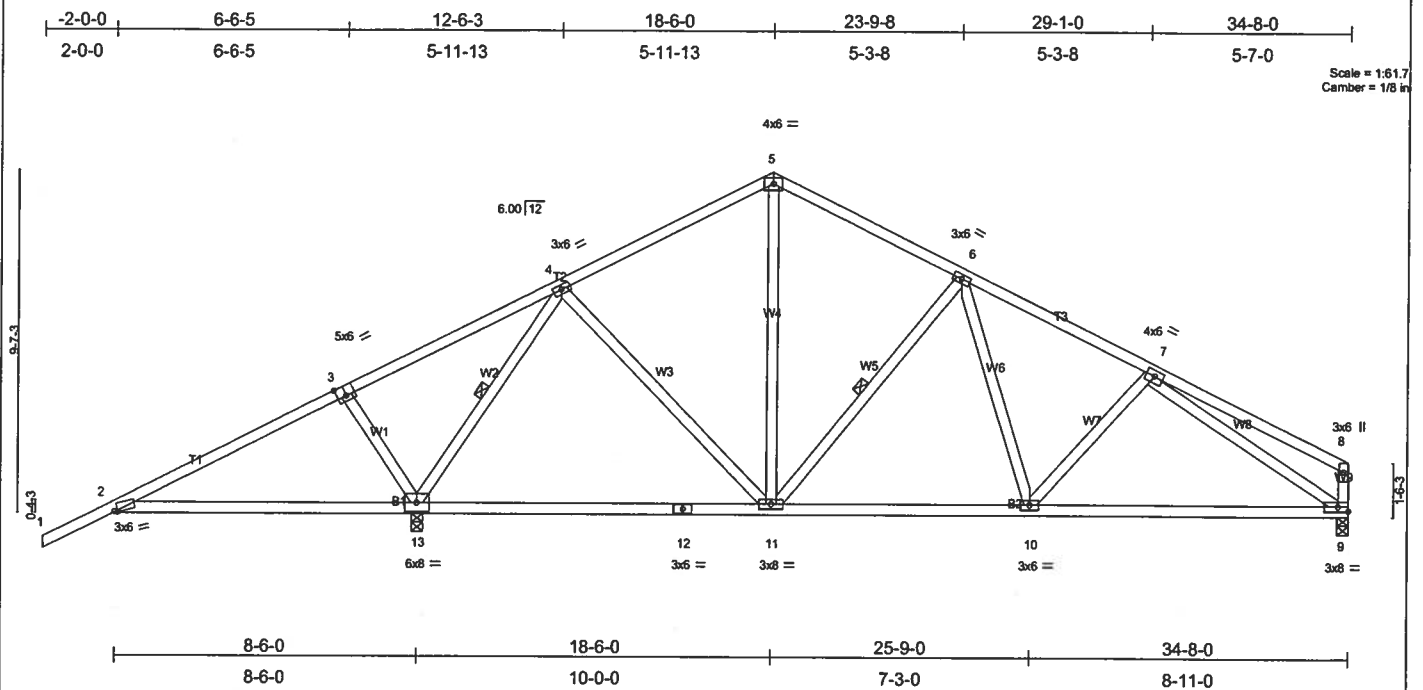


Plate Offsets (X,Y): [2:0-1-1,0-0-7], [3:0-3-0,0-3-4]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.69	Vert(LL)	-0.16 11-13	>999	240	MT20	244/190
TCOL 7.0	Lumber Increase	1.25	BC 0.50	Vert(TL)	-0.28 11-13	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.68	Horz(TL)	0.03 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matbr)						
								Weight: 195 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 5-11-7 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-13, 6-11

REACTIONS (lb/size) 13=2071/0-4-0, 9=937/0-4-0
 Max Horz 13=233(load case 5)
 Max Uplift 13=-1035(load case 5), 9=-326(load case 6)
 Max Grav 13=2071(load case 1), 9=945(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=939/883, 3-4=950/1060, 4-5=622/338, 5-6=626/325, 6-7=1078/438, 7-8=368/146, 8-9=284/169
BOT CHORD 2-13=708/977, 12-13=75/377, 11-12=75/377, 10-11=169/819, 9-10=322/976
WEBS 3-13=341/359, 4-13=1740/1203, 4-11=349/643, 5-11=116/313, 6-11=513/369, 6-10=142/323, 7-10=109/232, 7-9=878/333

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) 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 and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1035 lb uplift at joint 13 and 326 lb uplift at joint 9.

LOAD CASE(S) Standard

**SEPTEMBER 01, 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 L208406	Truss T10	Truss Type ROOF TRUSS	Qty 1	Ply 2	HUGO ESCALANTE - CATES ROAD
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)

6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:55:06 2006 Page 1

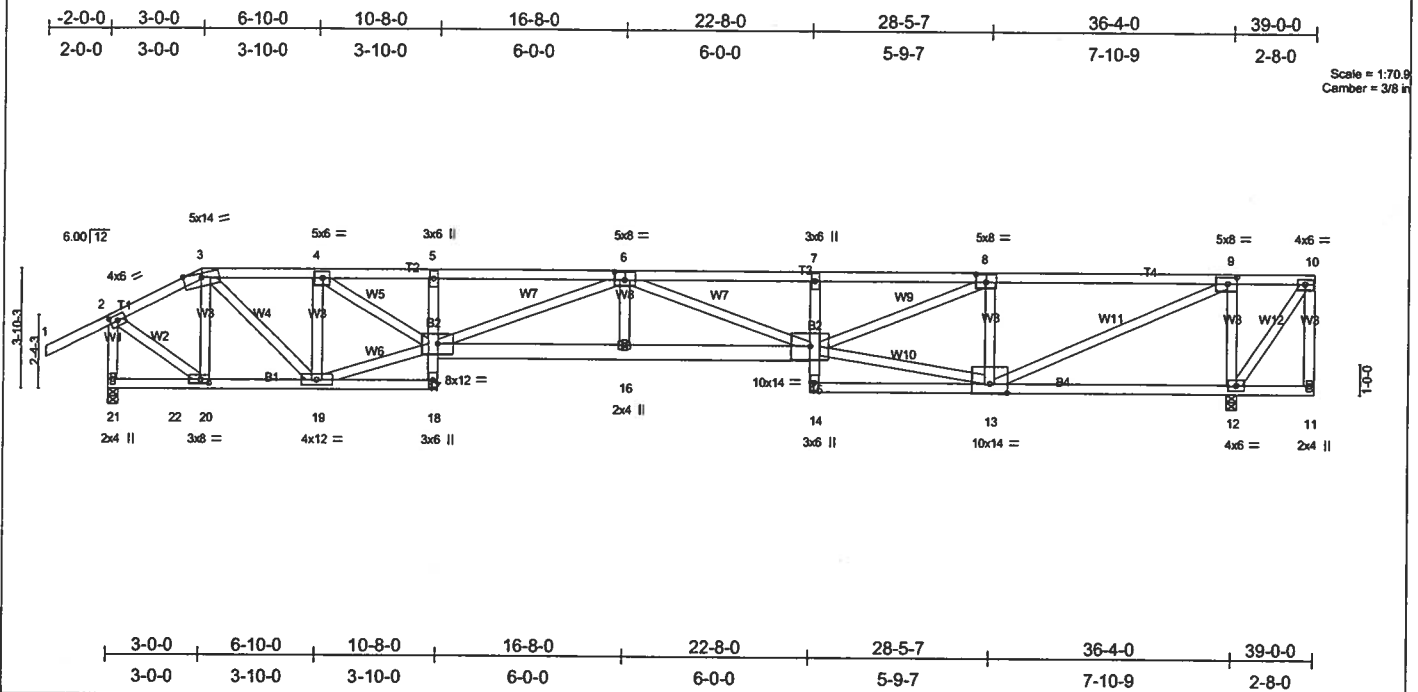


Plate Offsets (X,Y): [2:0-2-15,0-2-0], [6:0-4-0,0-3-0], [8:0-4-0,0-3-0], [9:0-3-8,0-2-8], [20:0-3-8,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.79	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.99	Vert(LL) -0.65 15-16 >667 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.99	Vert(TL) -1.04 15-16 >417 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.26 12 n/a n/a		
	Code FBC2004/TP12002				Weight: 493 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-2-4 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 8-2-4 oc bracing: 16-17
 8-1-8 oc bracing: 15-16
 6-0-0 oc bracing: 11-12.

REACTIONS (lb/size) 21=3502/0-4-0, 12=3759/0-4-0
 Max Horz 21=185(load case 4)
 Max Uplift 21=-1399(load case 3), 12=-1628(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=2959/1263, 3-4=5098/2176, 4-5=9552/4011, 5-6=9782/4096, 6-7=10980/4582, 7-8=10738/4499, 8-9=5739/2432,
 9-10=107/50, 10-11=95/15, 2-21=3327/1352
 BOT CHORD 21-22=133/31, 20-22=133/31, 19-20=1124/2554, 18-19=340/827, 17-18=8/180, 5-17=586/363, 16-17=4955/12011, 15-16=4955/12011,
 14-15=0/202, 7-15=633/401, 13-14=439/1126, 12-13=50/107, 11-12=43/19
 WEBS 3-20=1334/630, 3-19=1447/3464, 4-19=3448/1608, 17-19=1913/4451, 4-17=2209/5363, 6-17=2403/941, 6-16=78/488, 6-15=1111/402,
 13-15=2096/4824, 8-15=2195/5345, 8-13=3056/1603, 9-13=2613/6179, 9-12=3431/1782, 10-12=119/258, 2-20=1298/3152

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-02; 110mph (3-second gust); h=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.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1399 lb uplift at joint 21 and 1628 lb uplift at joint 12.
- Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 2-1-8; 5-11-13 from 10-8-0 to 22-8-0; 3-2-6 from 10-8-0 to 22-8-0
- Girder carries hip end with 28-4-0 right side setback, 3-0-0 left side setback, and 7-0-0 end setback.
- Girder carries hip end with 0-0-0 right side setback, 22-8-0 left side setback, and 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 119 lb up at 3-0-0 on bottom chord.
 The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=54, 2-3=54, 5-4=54, 5-7=117(F=63), 5-7=131(F=77), 7-10=117(F=63), 21-22=128(F=98), 20-22=30, 18-20=65(F=35), 15-17=48(F=18),
 11-14=65(F=35)

Concentrated Loads (lb)

Vert: 20=231(F)

Job L208406	Truss T11	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:58:19 2006 Page 1		

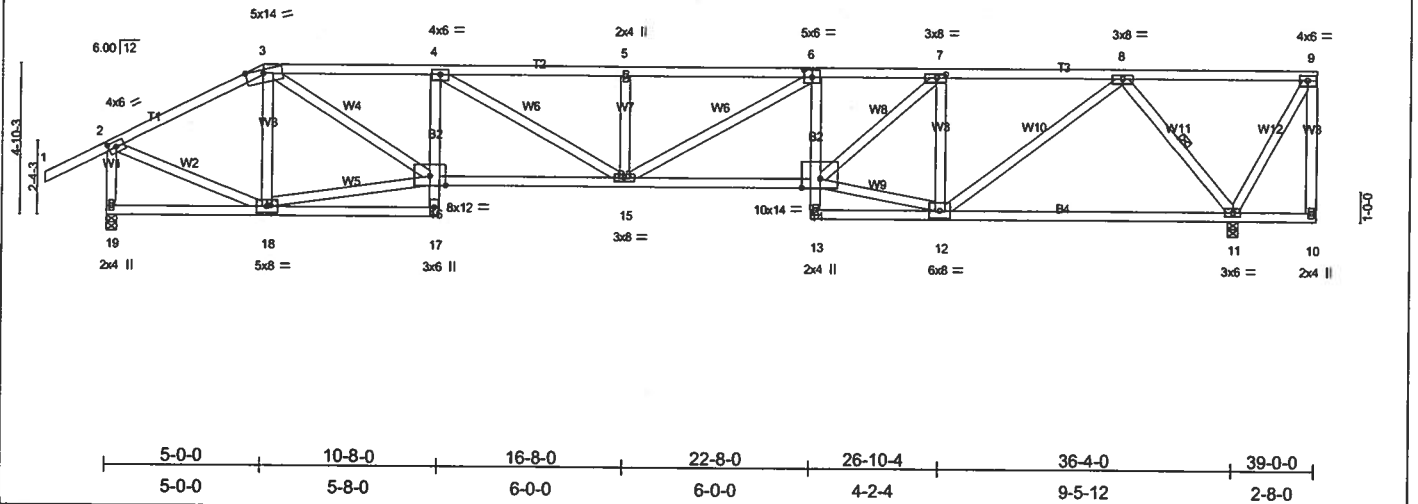
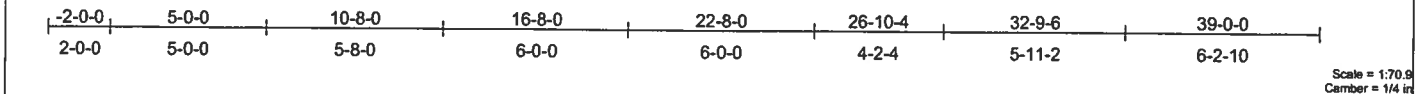


Plate Offsets (X,Y): [2-0-2-15,0-2-0], [6-0-3-0,0-3-0], [7-0-3-8,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.77	Vert(LL) -0.38 14-15 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.73	Vert(TL) -0.61 14-15 >707 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.19 11 n/a n/a		
	Code FBC2004/TP12002				Weight: 243 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 2-11-15 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 5-2-5 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 8-11

REACTIONS (lb/size) 19=1632/0-4-0, 11=1736/0-4-0
Max Horz 19=231(load case 5)
Max Uplift 19=510(load case 4), 11=659(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/52, 2-3=-1659/690, 3-4=-3140/1342, 4-5=-3854/1590, 5-6=-3854/1590, 6-7=-3586/1448, 7-8=-2343/931, 8-9=-48/36, 9-10=-45/0, 2-19=-1556/766
BOT CHORD 18-19=-212/31, 17-18=-76/177, 16-17=0/87, 4-16=-696/379, 15-16=-1359/3189, 14-15=-1483/3642, 13-14=-8/29, 6-14=-389/253, 12-13=-112/138, 11-12=-444/1030, 10-11=-20/19
WEBS 3-18=-676/338, 16-18=-589/1252, 3-16=-816/2056, 4-15=-300/769, 5-15=-326/239, 6-15=-125/248, 12-14=-845/2275, 7-14=-686/1624, 7-12=-1339/644, 8-12=-615/1656, 8-11=-1734/799, 9-11=-115/140, 2-18=-500/1518

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 510 lb uplift at joint 19 and 659 lb uplift at joint 11.

LOAD CASE(S) Standard

Job L208406	Truss T12	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 13:59:25 2006 Page 1		

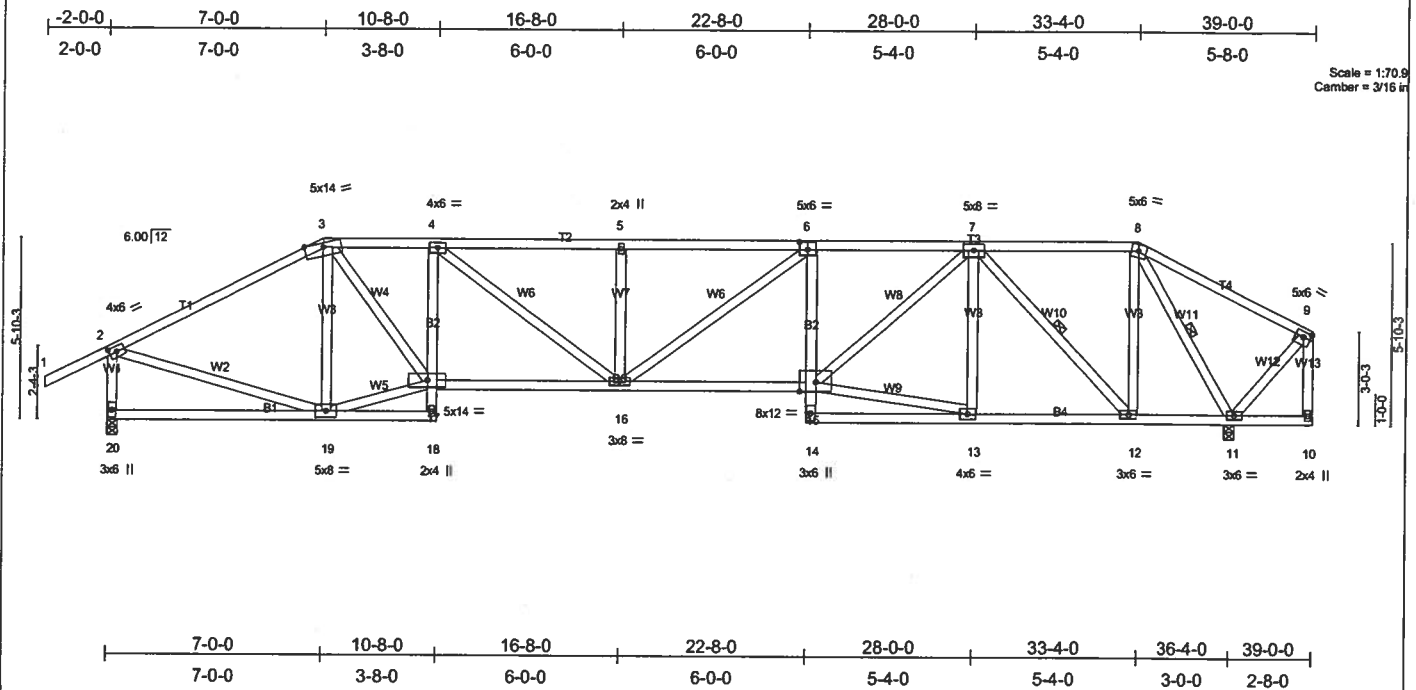


Plate Offsets (X,Y): [2-0-2-15,0-2-0], [8-0-3-0,0-3-0], [9-0-2-12,0-2-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.56	Vert(LL)	-0.27 15-16	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.62	Vert(TL)	-0.43 15-16	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.53	Horz(TL)	0.15 11	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 260 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B2 2 X 4 SYP No.3, B2 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-5-1 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 6-5-3 oc bracing: 16-17
 6-0-7 oc bracing: 15-16
 7-9-6 oc bracing: 12-13.
 WEBS 1 Row at midpt 7-12, 8-11

REACTIONS

(lb/size) 20=1636/0-4-0, 11=1732/0-4-0
 Max Horz 20=188(load case 5)
 Max Uplift 20=520(load case 5), 11=531(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/52, 2-3=-1824/769, 3-4=-2459/1094, 4-5=-3027/1313, 5-6=-3027/1313, 6-7=-2817/1224, 7-8=-795/429, 8-9=0/150, 2-20=-1523/787, 9-10=-2/27
 BOT CHORD 19-20=-178/120, 18-19=-81/79, 17-18=-4/37, 4-17=-674/358, 16-17=-974/2500, 15-16=-1100/2860, 14-15=0/84, 6-15=-431/275, 13-14=-62/150, 12-13=-664/1765, 11-12=-278/764, 10-11=-46/45
 WEBS 3-19=-716/344, 17-19=-550/1520, 3-17=-574/1536, 4-16=-285/691, 5-16=-335/244, 6-16=-90/214, 13-15=-614/1647, 7-15=-556/1398, 7-13=-164/156, 7-12=-1445/552, 8-12=-373/1174, 8-11=-1718/691, 2-19=-474/1495, 9-11=-175/157

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 exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 520 lb uplift at joint 20 and 531 lb uplift at joint 11.

LOAD CASE(S) Standard

Job L208406	Truss T14	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:01:32 2006 Page 1		

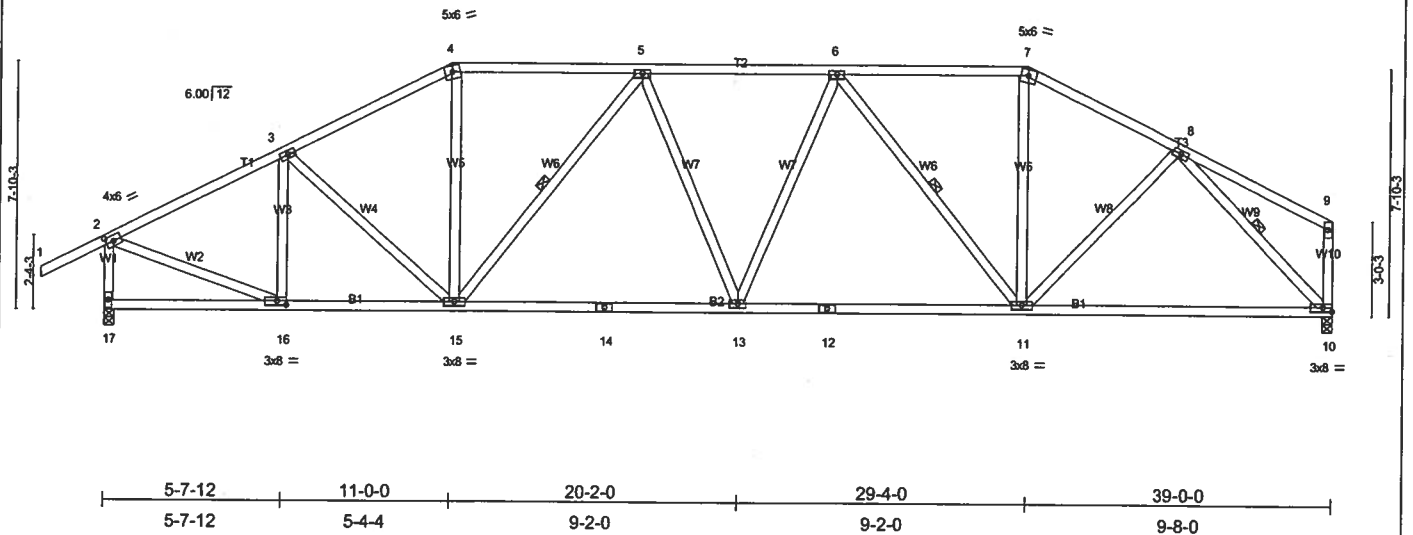
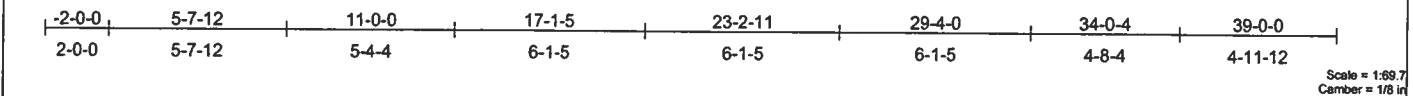


Plate Offsets (X,Y): [2:0-2-15,0-2-0], [16:0-3-8,0-1-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.76	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.64	Vert(LL) -0.23 13-15 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.52	Vert(TL) -0.38 13-15 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.10 10 n/a n/a		
	Code FBC2004/TP12002			Weight: 248 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-2-11 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 7-2-4 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 5-15, 6-11, 8-10

REACTIONS (lb/size) 17=1745/0-4-0, 10=1623/0-4-0
 Max Horz 17=216(load case 5)
 Max Uplift 17=582(load case 5), 10=453(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/52, 2-3=-1845/806, 3-4=-1976/913, 4-5=-1723/879, 5-6=-2087/999, 6-7=-1604/811, 7-8=-1835/843, 8-9=-196/91, 2-17=-1654/843, 9-10=-199/131
 BOT CHORD 16-17=-172/64, 15-16=-672/1586, 14-15=-777/2051, 13-14=-777/2051, 12-13=-756/2012, 11-12=-756/2012, 10-11=-541/1296
 WEBS 3-16=-449/237, 3-15=-124/279, 4-15=-167/538, 5-15=-618/289, 5-13=0/156, 6-13=-18/248, 6-11=-727/326, 7-11=-152/491, 8-11=-147/508, 2-16=-578/1631, 8-10=-1739/775

- 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 exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All plates are 3x6 MT20 unless otherwise indicated.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 582 lb uplift at joint 17 and 453 lb uplift at joint 10.

LOAD CASE(S) Standard

Job TEMP	Truss T15	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 14:04:46 2006 Page 1		

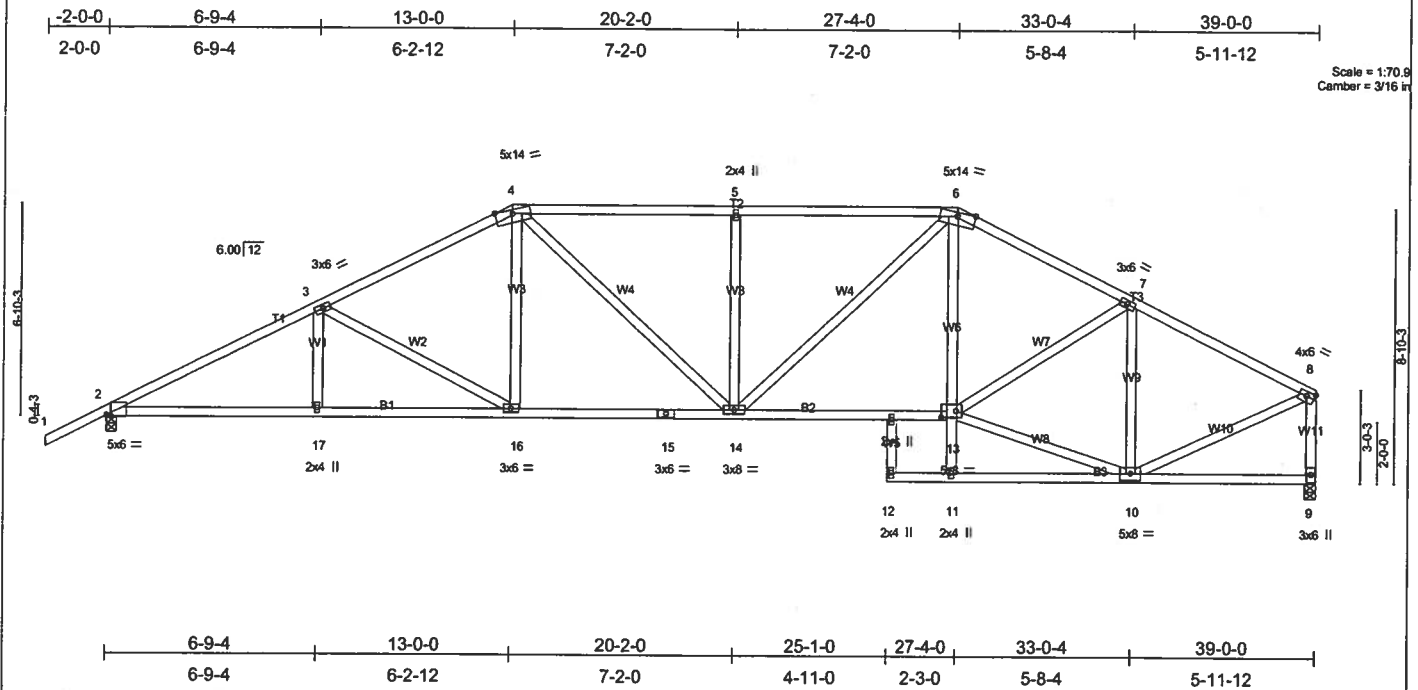


Plate Offsets (X,Y): [2-0-1-11,Edge], [8-Edge,0-1-12], [13-0-5-12,0-2-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.63	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.64	Vert(LL) -0.26 13-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.59	Vert(TL) -0.42 13-14 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.17 9 n/a n/a		
	Code FBC2004/TPI2002			Weight: 242 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-2-12 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-3-5 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=1766/0-4-0, 9=1664/0-4-0
 Max Horz 2=179(load case 5)
 Max Uplift 2=606(load case 5), 9=463(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=3106/1213, 3-4=2528/1078, 4-5=2508/1134, 5-6=2508/1134, 6-7=2437/1035, 7-8=1737/713, 8-9=1574/675
 BOT CHORD 2-17=1015/2688, 16-17=1015/2688, 15-16=741/2204, 14-15=741/2204, 13-14=697/2133, 11-12=0/0, 10-11=4/11, 9-10=47/83
 WEBS 3-17=0/208, 3-16=565/314, 4-16=114/461, 4-14=217/550, 5-14=408/291, 6-14=249/626, 10-13=586/1567, 7-13=221/760, 7-10=1013/483, 8-10=565/1560, 11-13=0/148, 6-13=71/377

NOTES

- Unbalanced roof live loads have been considered for this design.
- 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 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 606 lb uplift at joint 2 and 463 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L208406	Truss T16	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Thu Aug 31 14:07:56 2006 Page 1		

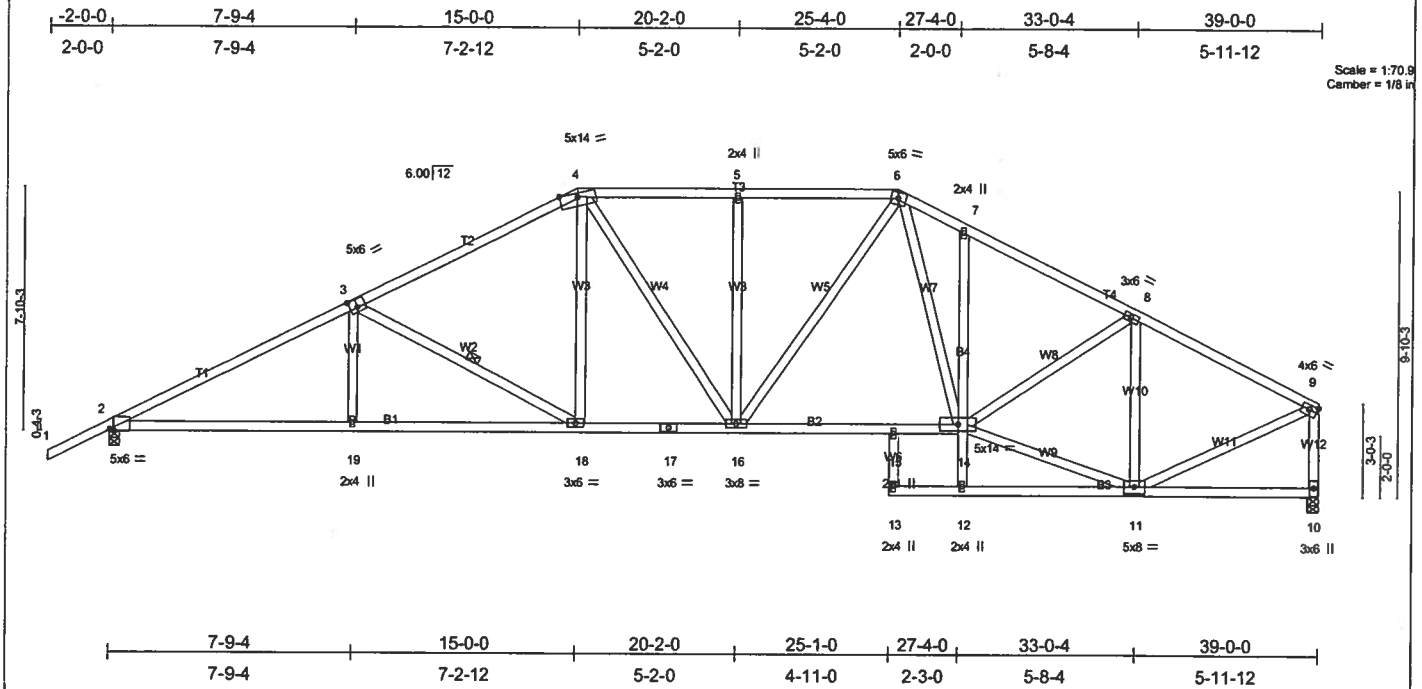


Plate Offsets (X,Y): [2:0-1-11,Edge], [3:0-3-0,0-3-4], [9:Edge,0-1-12]					
LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	I/defl	L/d
TCLL 20.0	Plates Increase 1.25	TC 0.59	Vert(LL) -0.22 18-19	>999	240
TCDL 7.0	Lumber Increase 1.25	BC 0.75	Vert(TL) -0.36 18-19	>999	180
BCLL 10.0	Rep Stress Incr YES	WB 0.59	Horz(TL) 0.16 10	n/a	n/a
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			
Weight: 258 lb					

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-0-3 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2 "Except"	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
B4 2 X 4 SYP No.3	1 Row at midpt 7-14
WEBS 2 X 4 SYP No.3	1 Row at midpt 3-18
	JOINTS 1 Brace at Jt(s): 14

REACTIONS (lb/size) 2=1745/0-4-0, 10=1622/0-4-0
 Max Horz 2=193(load case 5)
 Max Uplift 2=626(load case 5), 10=487(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=3025/1226, 3-4=2313/1048, 4-5=2096/1045, 5-6=2096/1045, 6-7=2304/1148, 7-8=2355/1059, 8-9=1689/733,
 9-10=1529/691
 BOT CHORD 2-19=1015/2611, 18-19=1016/2606, 17-18=669/1995, 16-17=669/1995, 15-16=632/1893, 14-15=632/1893, 12-14=0/161, 7-14=188/194,
 12-13=0/0, 11-12=22/0, 10-11=45/80
 WEBS 3-19=0/258, 3-18=711/398, 4-18=153/513, 4-16=157/341, 5-16=292/207, 6-16=169/472, 6-14=273/558, 11-14=589/1547,
 8-14=165/711, 8-11=1017/500, 9-11=588/1516, 13-15=6/0

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 626 lb uplift at joint 2 and 487 lb uplift at joint 10.

LOAD CASE(S) Standard

Job L208406	Truss T18	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:10:45 2006 Page 1		

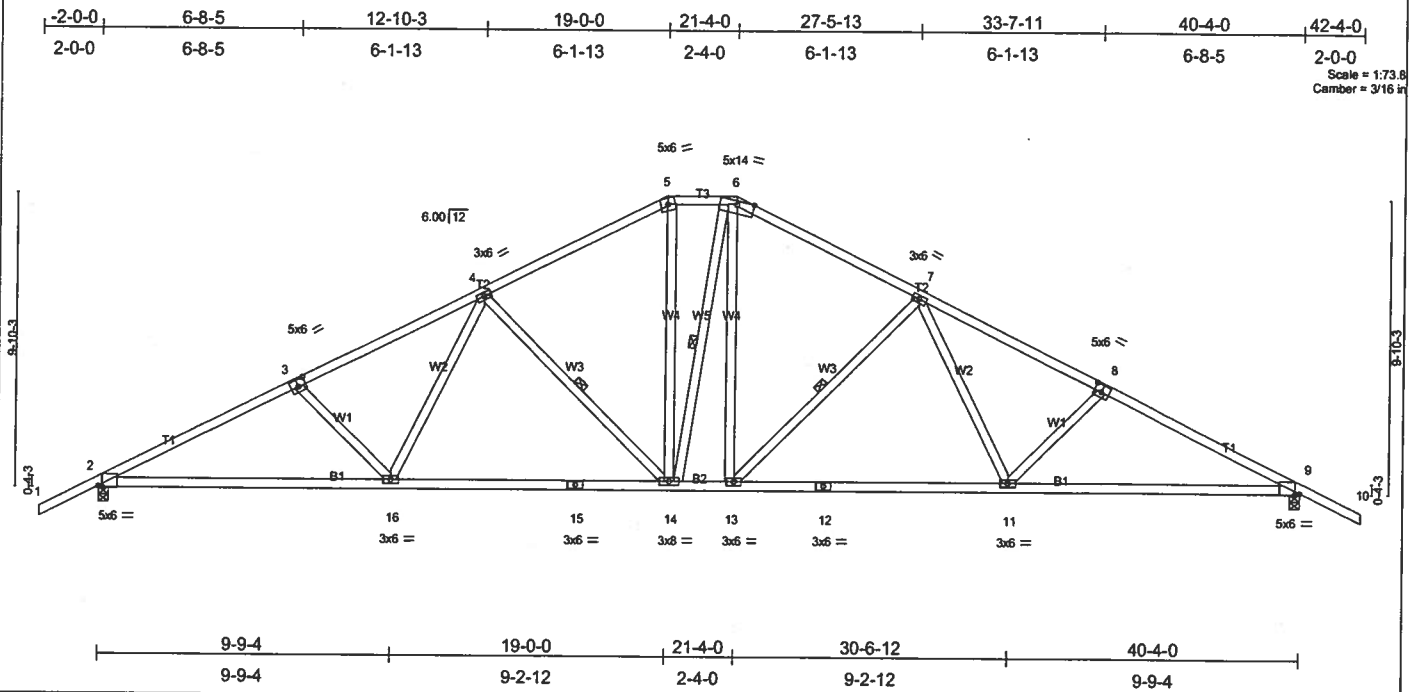


Plate Offsets (X,Y): [2:0-1-11,Edge], [3:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-1-11,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCCL 20.0	2-0-0	TC 0.44	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.80	Vert(LL) -0.33 11-13 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.46	Vert(TL) -0.55 11-13 >871 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.16 9 n/a n/a		
	Code FBC2004/TPI2002			Weight: 235 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 3-2-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-3-13 oc bracing.
WEBS 1 Row at midpt 4-14, 6-14, 7-13

REACTIONS (lb/size) 2=1797/0-4-0, 9=1797/0-4-0
Max Horz 2=172(load case 6)
Max Uplift 2=664(load case 5), 9=664(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=3100/1326, 3-4=2872/1267, 4-5=2047/1026, 5-6=1772/985, 6-7=2044/1025, 7-8=2873/1268, 8-9=3100/1326, 9-10=0/47
BOT CHORD 2-16=998/2705, 15-16=726/2247, 14-15=726/2247, 13-14=419/1766, 12-13=726/2248, 11-12=726/2248, 9-11=998/2705
WEBS 3-16=307/294, 4-16=165/595, 4-14=698/443, 5-14=281/646, 6-14=201/237, 6-13=286/655, 7-13=704/447, 7-11=166/596, 8-11=306/294

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 664 lb uplift at joint 2 and 664 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L208406	Truss T19	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:11:03 2006 Page 1		

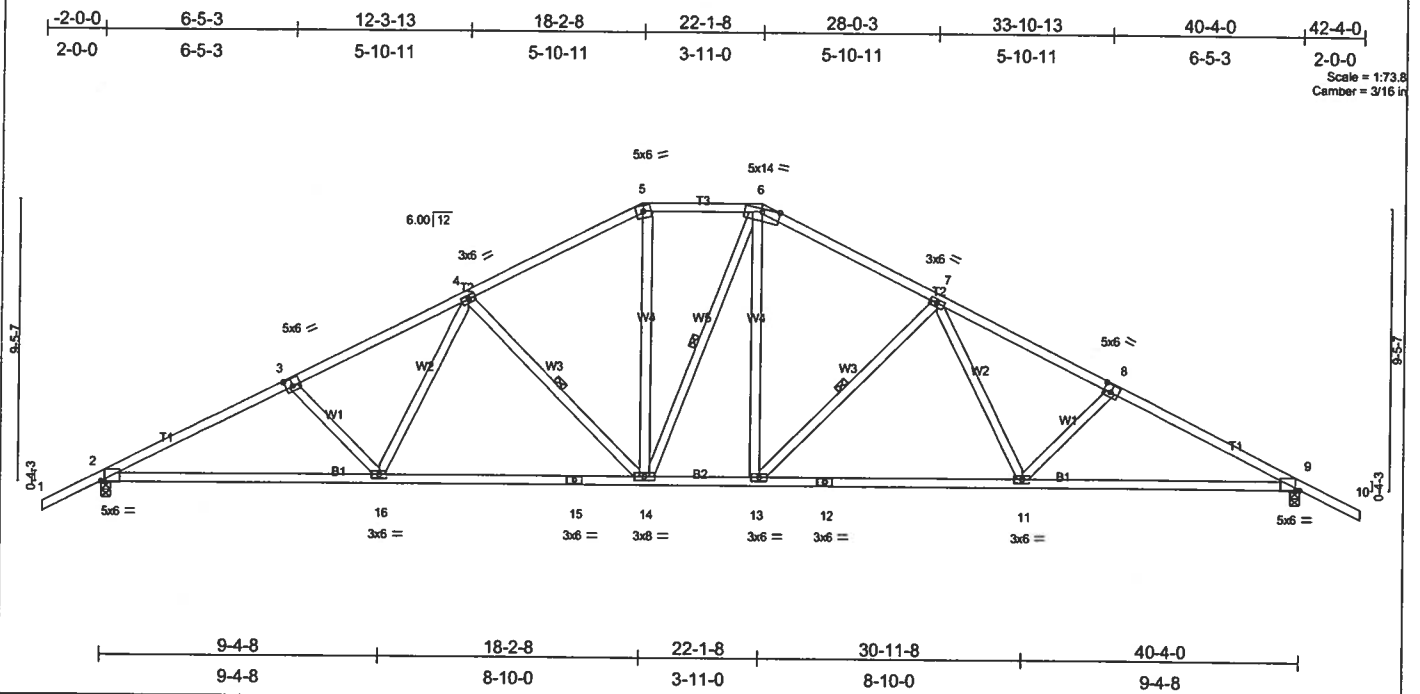


Plate Offsets (X,Y): [2:0-1-11,Edge], [3:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-1-11,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.39	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.78	Vert(LL) -0.32 11-13 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.40	Vert(TL) -0.53 11-13 >904 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.16 9 n/a n/a		
	Code FBC2004/TP12002				
					Weight: 231 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 3-2-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-3-14 oc bracing.
 WEBS 1 Row at midpt 4-14, 6-14, 7-13

REACTIONS (lb/size) 2=1797/0-4-0, 9=1797/0-4-0
 Max Horz 2=166(load case 5)
 Max Uplift 2=660(load case 5), 9=660(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-3115/1322, 3-4=-2898/1268, 4-5=-2112/1041, 5-6=-1833/995, 6-7=-2111/1040, 7-8=-2899/1268, 8-9=-3115/1322, 9-10=0/47
 BOT CHORD 2-16=-997/2718, 15-16=-742/2286, 14-15=-742/2286, 13-14=-451/1831, 12-13=-742/2287, 11-12=-742/2287, 9-11=-997/2718
 WEBS 3-16=-288/277, 4-16=-153/566, 4-14=-666/423, 5-14=-269/652, 6-14=-191/200, 6-13=-269/653, 7-13=-669/424, 7-11=-154/567, 8-11=-287/277

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 660 lb uplift at joint 2 and 660 lb uplift at joint 9.

LOAD CASE(S) Standard

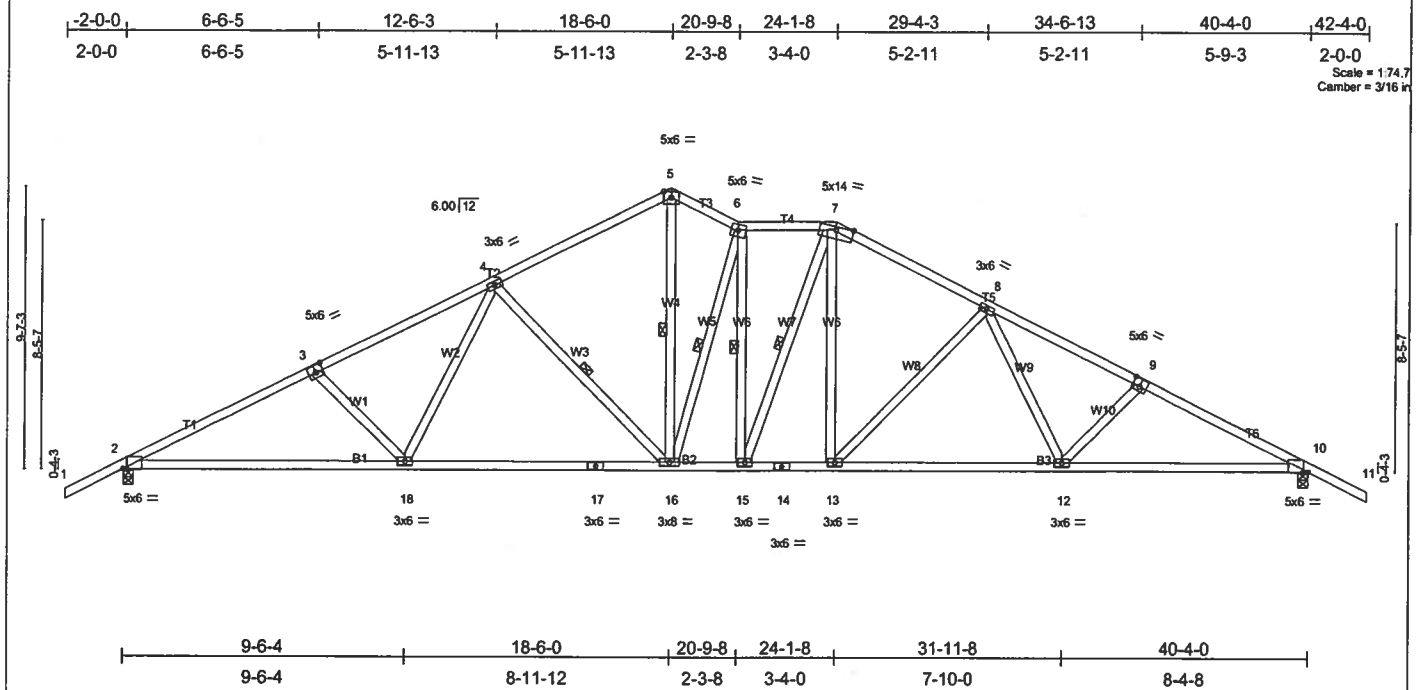


Plate Offsets (X,Y): [2:0-1-11,Edge], [3:0-3-0,0-3-0], [9:0-3-0,0-3-0], [10:0-1-11,Edge]									
LOADING (psf)	SPACING 2-0-0		CSI	DEFL	In (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25		TC 0.41	Vert(LL)	-0.31 16-18	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25		BC 0.77	Vert(TL)	-0.51 16-18	>939	180		
BCLL 10.0	Rep Stress Incr YES		WB 0.61	Horz(TL)	0.16 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
								Weight: 249 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-2-8 oc putlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-3-3 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 4-16, 5-16, 6-16, 6-15, 7-15

REACTIONS (lb/size) 2=1797/0-4-0, 10=1797/0-4-0
Max Horz 2=-168(load case 6)
Max Uplift 2=-661(load case 5), 10=-685(load case 6)

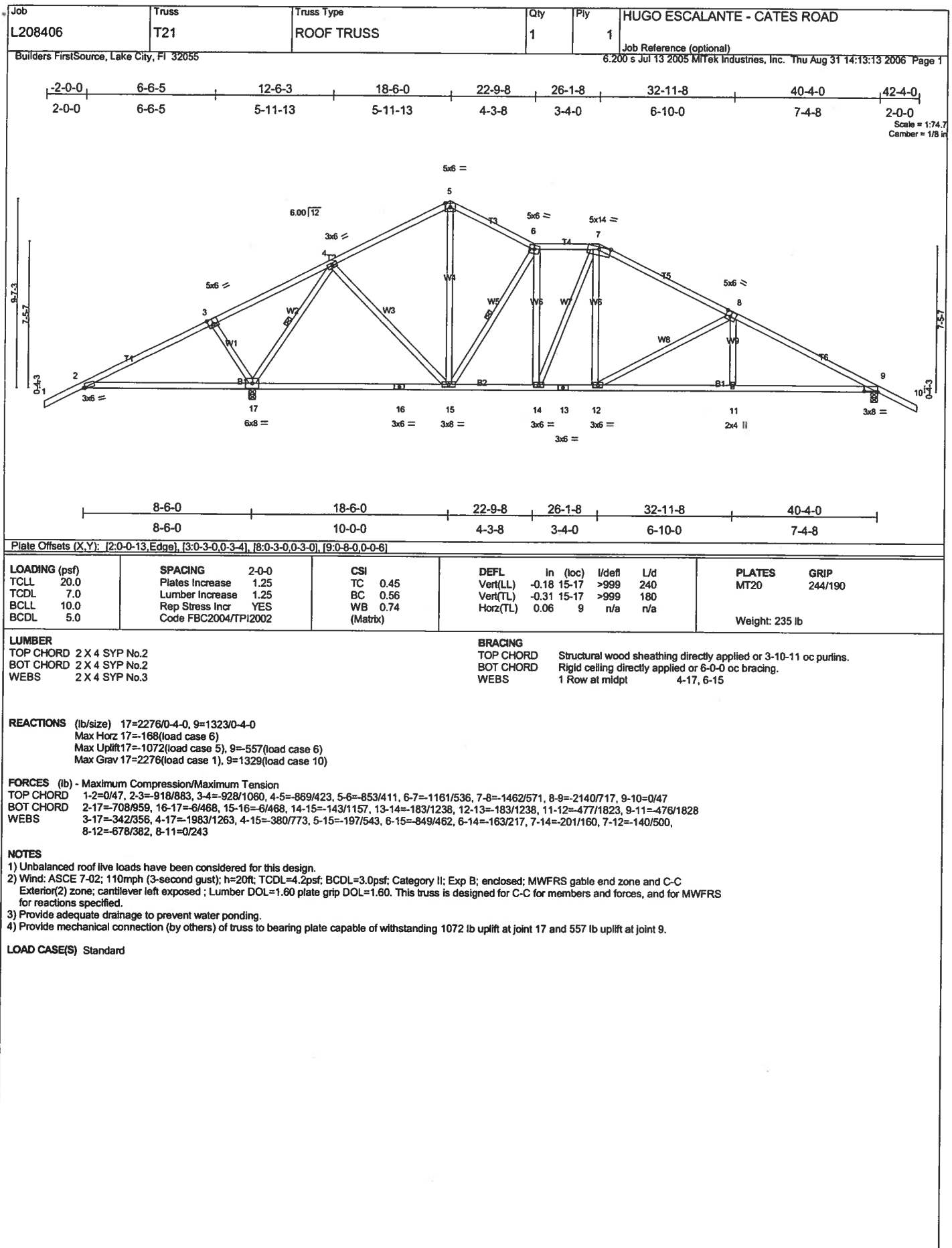
FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/47, 2-3=-3108/1326, 3-4=-2887/1270, 4-5=-2102/1043, 5-6=-2012/1049, 6-7=-2029/1057, 7-8=-2283/1096, 8-9=-2958/1284, 9-10=-3160/1328, 10-11=0/47
BOT CHORD	2-18=-1000/2713, 17-18=-736/2271, 16-17=-736/2271, 15-16=-565/2031, 14-15=-547/1996, 13-14=-547/1996, 12-13=-796/2384, 10-12=-1009/2746
WEBS	3-18=-300/286, 4-18=-161/574, 4-16=-667/420, 5-16=-688/1482, 6-16=-813/439, 6-15=-229/86, 7-15=-98/194, 7-13=-226/628, 8-13=-579/364, 8-12=-124/483, 9-12=-240/235

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 661 lb uplift at joint 2 and 685 lb uplift at joint 10.

LOAD CASE(S) Standard



Job L208406	Truss T22	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:14:11 2006 Page 1		

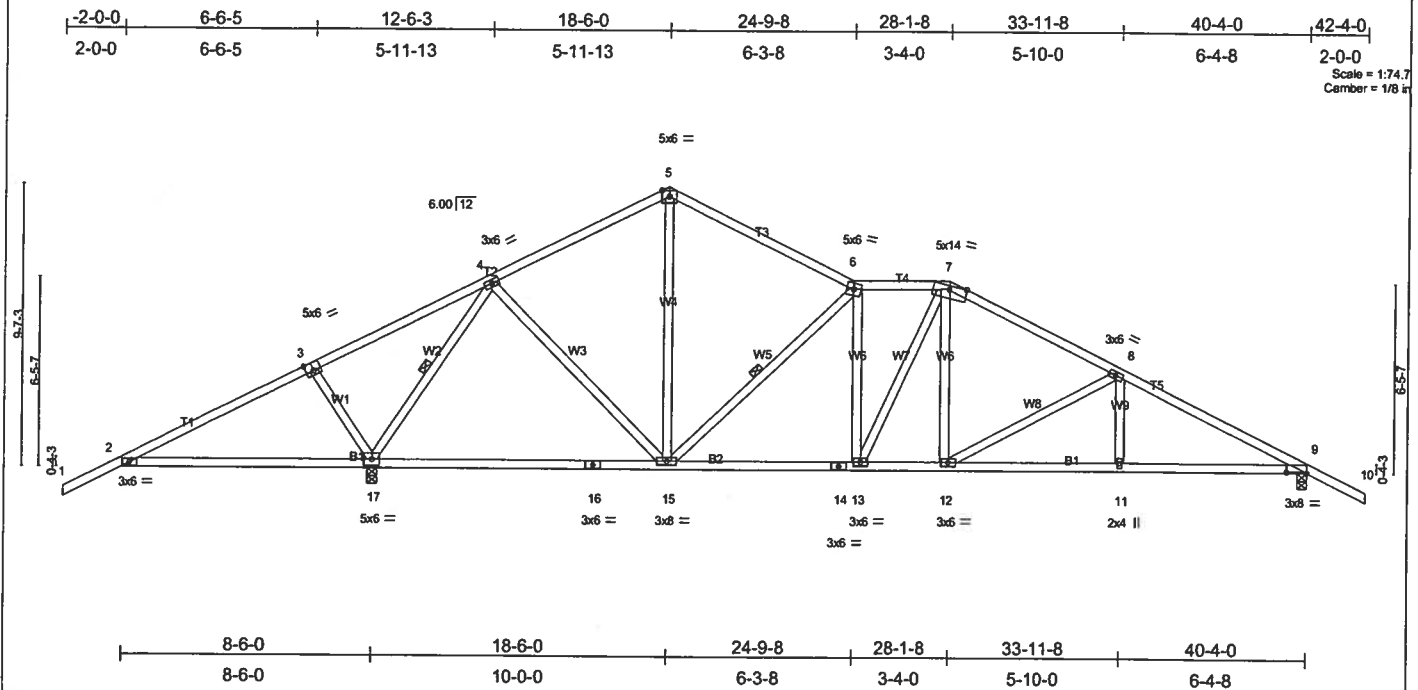


Plate Offsets (X,Y): [3:0-3-0,0-3-4], [9:0-8-0,0-0-6]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	L/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.45	Vert(LL) -0.18 15-17	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.62	Vert(TL) -0.30 15-17	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.59	Horz(TL) 0.06 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)					
							Weight: 229 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-0-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-17, 6-15

REACTIONS

(lb/size) 17=2276/0-4-0, 9=1323/0-4-0
Max Horz 17=-168(load case 6)
Max Uplift 17=830(load case 5), 9=557(load case 6)
Max Grav 17=2276(load case 1), 9=1329(load case 10)

FORCES

(lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-591/883, 3-4=-596/1060, 4-5=-871/441, 5-6=-889/435, 6-7=-1422/669, 7-8=-1620/678, 8-9=-2185/808, 9-10=0/47
BOT CHORD 2-17=-708/679, 16-17=-6/298, 15-16=-6/298, 14-15=-279/1420, 13-14=-279/1420, 12-13=-277/1389, 11-12=-544/1875, 9-11=-544/1875
WEBS 3-17=-345/317, 4-17=-1982/1063, 4-15=-272/784, 5-15=-154/493, 6-15=-969/512, 6-13=0/95, 7-13=-26/71, 7-12=-124/406, 8-12=-564/307, 8-11=0/201

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 exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 830 lb uplift at joint 17 and 557 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L208406	Truss T23	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:14:52 2006 Page 1		

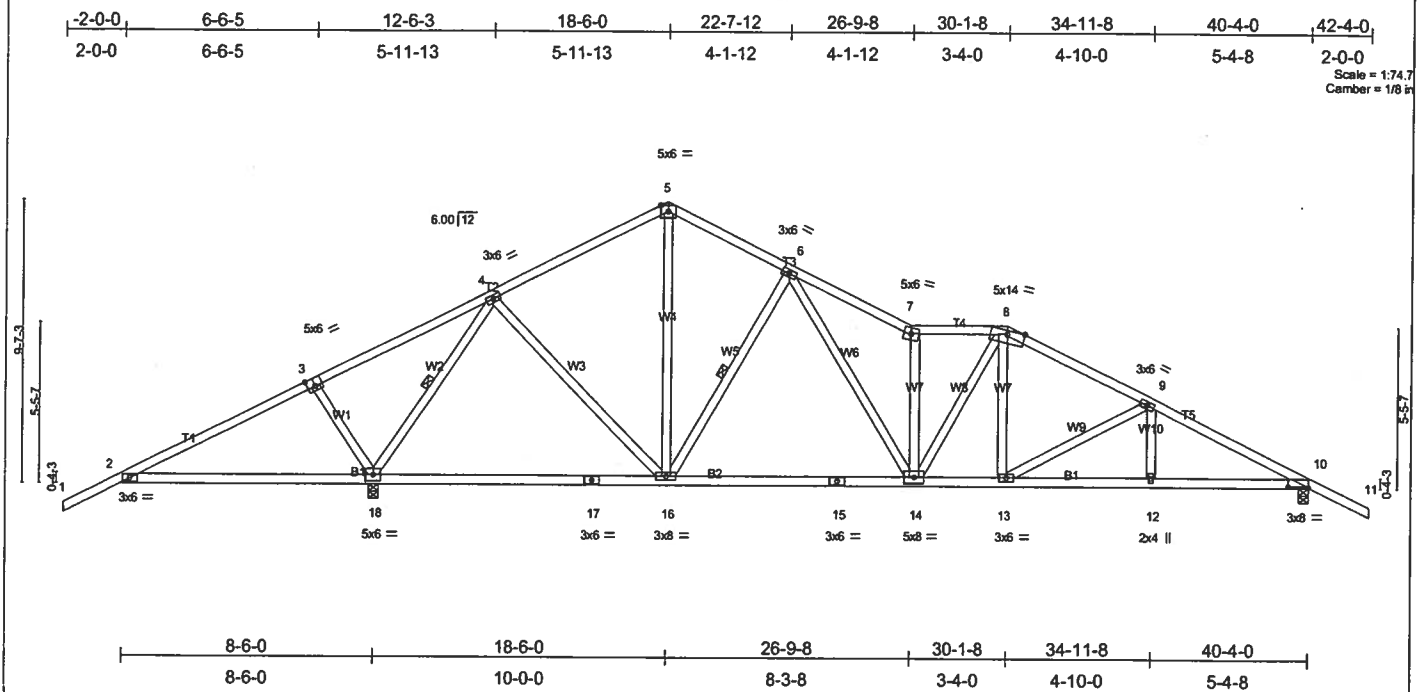


Plate Offsets (X,Y): [3-0-3-0,0-3-4], [10-0-8-0,0-0-6]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.45	in (loc)	MT20	244/190
BCDL 7.0	Plates Increase 1.25	BC 0.50	Vert(LL) -0.18 14-16 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.63	Vert(TL) -0.30 14-16 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.06 10 n/a n/a		
	Code FBC2004/TPI2002				
					Weight: 234 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-1-3 oc purins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-18, 6-16

REACTIONS (lb/size) 18=2276/0-4-0, 10=1323/0-4-0

Max Horiz 18=168(load case 6)
Max Uplift 18=830(load case 5), 10=557(load case 6)
Max Grav 18=2276(load case 1), 10=1329(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=592/886, 3-4=596/1063, 4-5=873/440, 5-6=862/454, 6-7=1943/898, 7-8=1683/733, 8-9=1774/728, 9-10=2218/810,
10-11=0/47
BOT CHORD 2-18=710/680, 17-18=5/302, 16-17=5/302, 15-16=146/1139, 14-15=146/1139, 13-14=366/1541, 12-13=555/1908, 10-12=555/1908
WEBS 3-18=342/313, 4-18=1991/1067, 4-16=259/774, 5-16=216/571, 6-16=835/482, 6-14=512/1127, 7-14=1012/527, 8-14=52/269,
8-13=100/297, 9-13=426/220, 9-12=0/168

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 exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 830 lb uplift at joint 18 and 557 lb uplift at joint 10.

LOAD CASE(S) Standard

Job L208406	Truss T24	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:15:15 2006 Page 1		

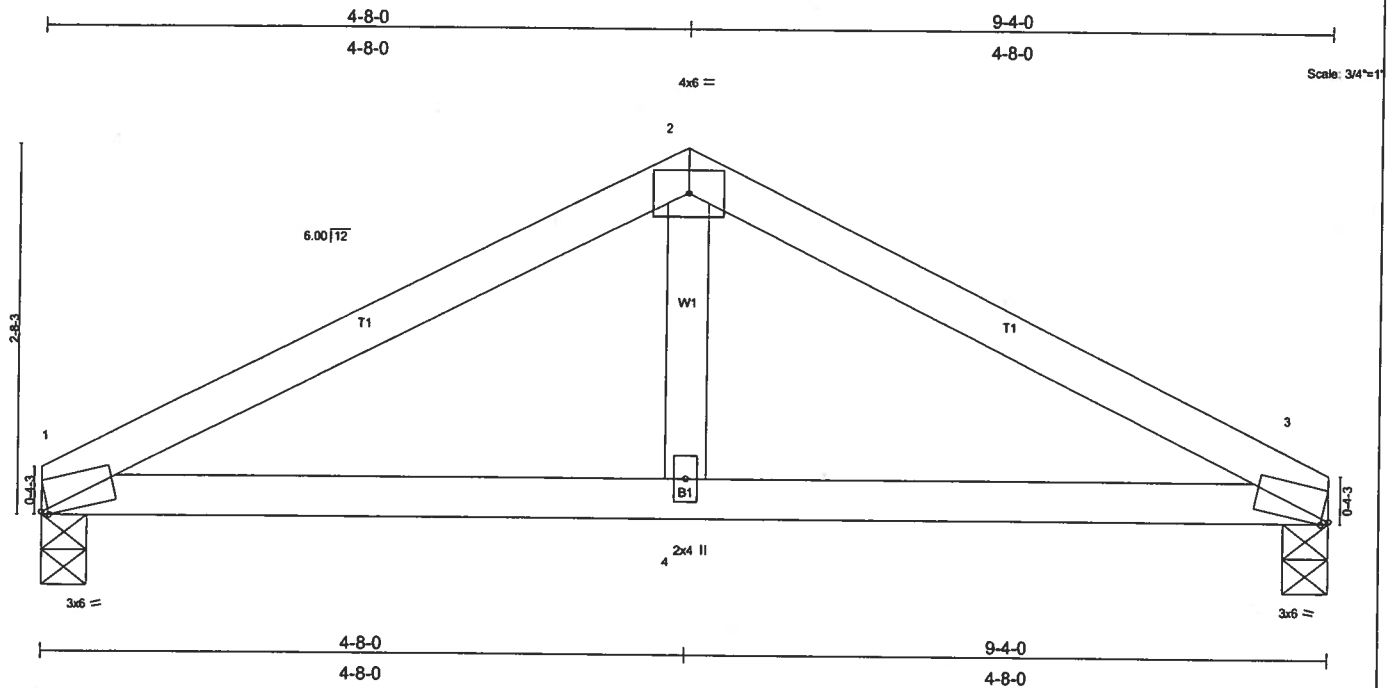


Plate Offsets (X,Y): [1:0-0-10,Edge], [3:0-0-10,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.32	Vert(LL)	-0.05	1-4	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.58	Vert(TL)	-0.08	1-4	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.22	Horz(TL)	0.01	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
										Weight: 33 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=819/0-4-0, 3=819/0-4-0

Max Horz 1=-34(load case 2)

Max Uplift 1=-289(load case 4), 3=-289(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1103/388, 2-3=-1103/388

BOT CHORD 1-4=-306/955, 3-4=-306/955

WEBS 2-4=-179/672

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; Lumber DOL=1.60 plate grip DOL=1.60.

3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 289 lb uplift at joint 1 and 289 lb uplift at joint 3.

4) Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 9-4-0

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: 1-2=-54, 2-3=-54, 1-3=-128(B=-98)

Job L208406	Truss T24G	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 14:15:51 2006 Page 1		

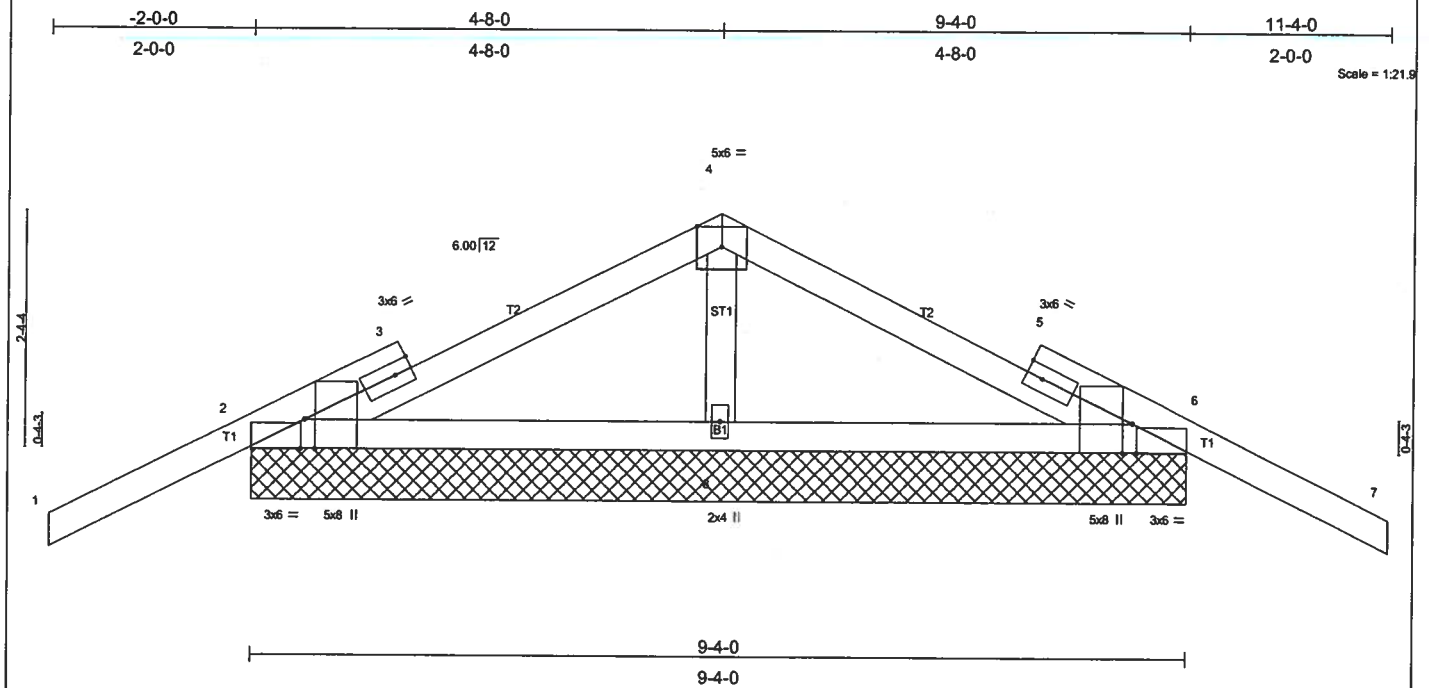


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-8,Edge], [6:0-3-8,Edge], [6:0-0-8,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.49	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.11	Vert(LL) -0.02 7 n/r 120		
BCLL 10.0	Lumber Increase 1.25	WB 0.12	Vert(TL) -0.03 7 n/r 90		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.00 6 n/a n/a		
	Code FBC2004/TP12002			Weight: 42 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 9-4-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
OTHERS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=480/9-4-0, 6=480/9-4-0, 8=841/9-4-0
 Max Horz 2=-66(load case 6)
 Max Uplift 2=-285(load case 5), 6=-295(load case 6), 8=-234(load case 5)
 Max Grav 2=498(load case 9), 6=498(load case 10), 8=841(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-21/99, 2-3=-51/127, 3-4=-66/311, 4-5=-60/311, 5-6=-38/128, 6-7=-21/99
 BOT CHORD 2-8=-179/176, 6-8=-179/176
 WEBS 4-8=-675/374

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) 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) Gable requires continuous bottom chord bearing.
 5) Gable studs spaced at 2-0-0 oc.
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 285 lb uplift at joint 2, 295 lb uplift at joint 6 and 234 lb uplift at joint 8.
 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-114(F=-60), 4-7=-114(F=-60), 2-6=-30

Job L208406	Truss T25	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:24:13 2006 Page 1		

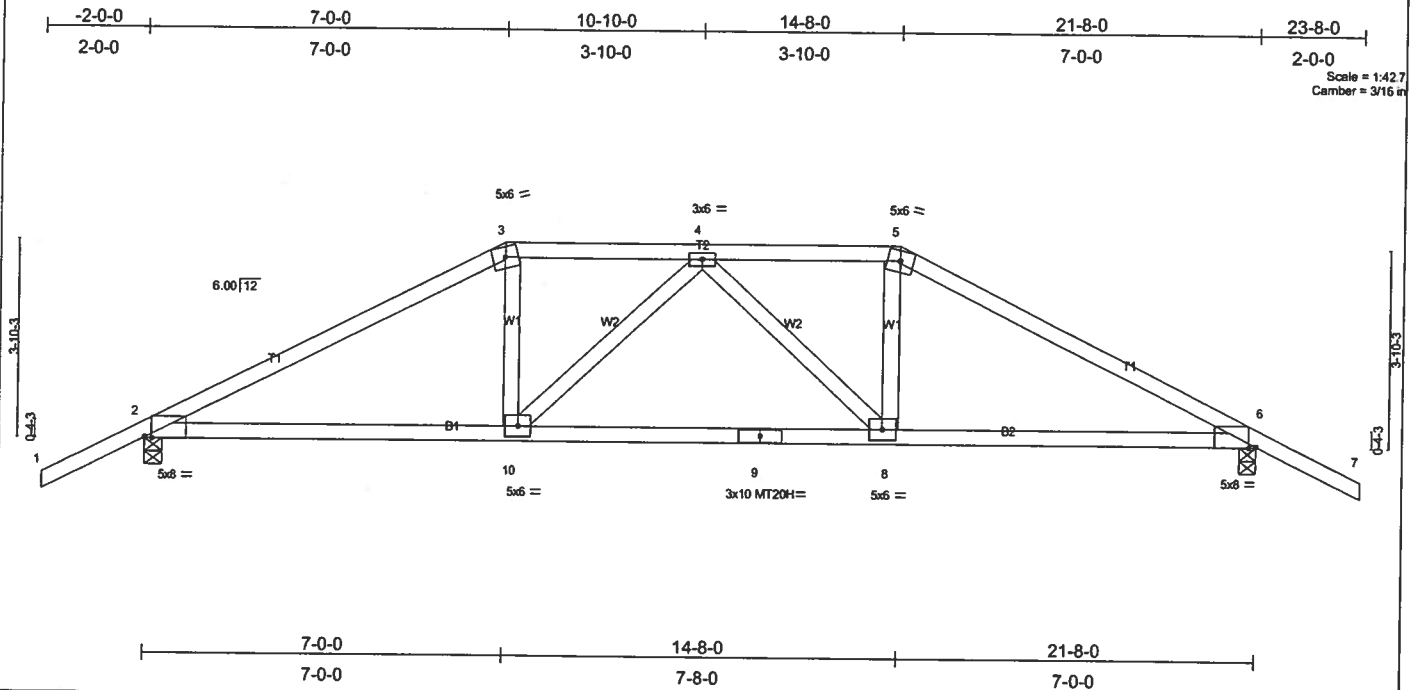


Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-1-11,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.52	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.77	Vert(LL) -0.26 8-10 >991 240	MT20H	187/143
BCLL 10.0	Lumber Increase 1.25	WB 0.38	Vert(TL) -0.43 8-10 >596 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.10 6 n/a n/a		
	Code FBC2004/TP12002				
				Weight: 98 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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-8 oc bracing.

REACTIONS (lb/size) 2=1923/0-4-0, 6=1923/0-4-0
Max Horz 2=87(load case 4)
Max Uplift 2=864(load case 4), 6=864(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-3466/1374, 3-4=-3050/1301, 4-5=-3050/1301, 5-6=-3466/1374, 6-7=0/47
BOT CHORD 2-10=-1169/3004, 9-10=-1350/3246, 8-9=-1350/3246, 6-8=-1128/3004
WEBS 3-10=-416/1177, 4-10=-387/322, 4-8=-387/322, 5-8=-416/1177

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; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 864 lb uplift at joint 2 and 864 lb uplift at joint 6.
- Girder carries hip end with 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 14-8-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-117(F=-63), 5-7=-54, 2-10=-30, 8-10=-65(F=-35), 6-8=-30
Concentrated Loads (lb)
Vert: 10=-539(F) 8=-539(F)

Job L208406	Truss T27	Truss Type ROOF TRUSS	Qty 5	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:27:34 2006 Page 1		

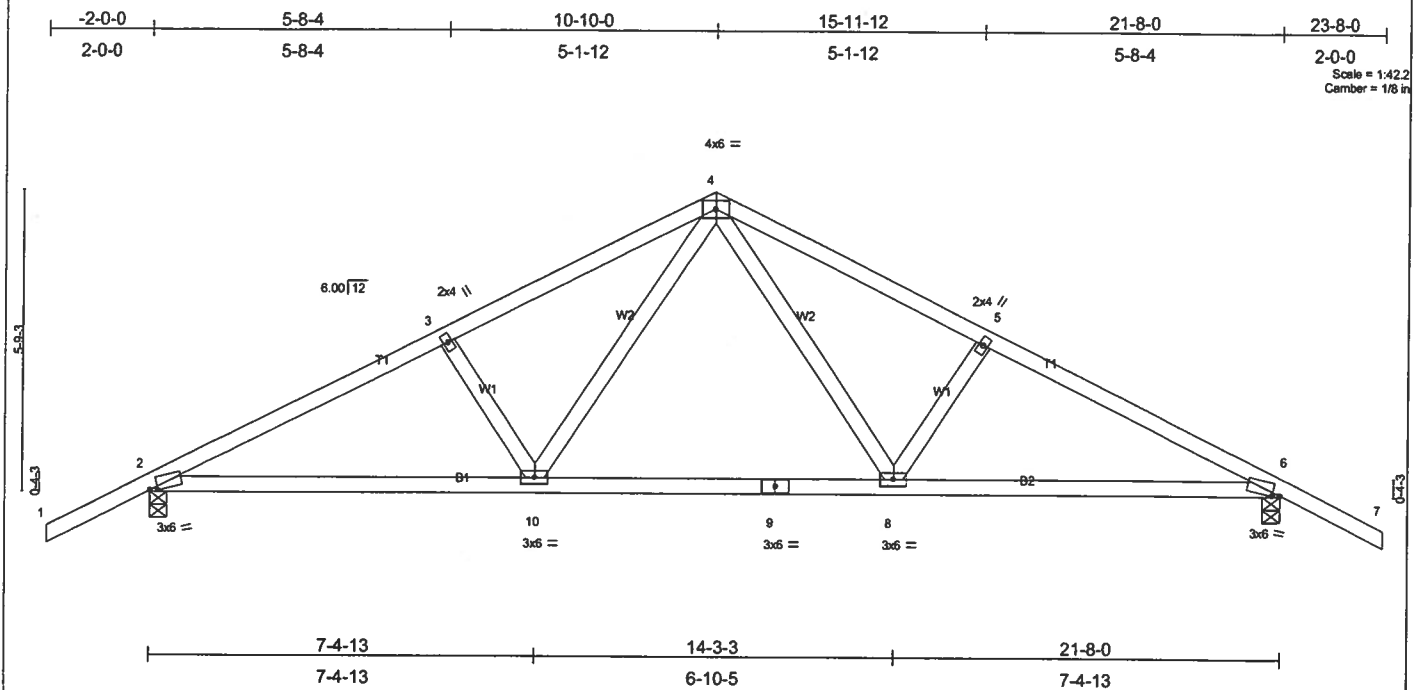


Plate Offsets (X,Y): [2:0-1-13,0-0-7], [6:0-1-13,0-0-7]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.35	Vert(LL)	-0.20	8-10	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.81	Vert(TL)	-0.33	8-10	>782	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.23	Horz(TL)	0.05	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							
									Weight: 103 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-5-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-7-1 oc bracing.

REACTIONS

(lb/size) 2=1185/0-4-0, 6=1185/0-4-0
Max Horz 2=114(load case 5)
Max Uplift 2=483(load case 5), 6=483(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-1892/781, 3-4=-1735/780, 4-5=-1735/780, 5-6=-1892/781, 6-7=0/47
BOT CHORD 2-10=-525/1618, 9-10=-259/1117, 8-9=-259/1117, 6-8=-525/1618
WEBS 3-10=-244/228, 4-10=-269/730, 4-8=-269/730, 5-8=-244/228

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; 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 483 lb uplift at joint 2 and 483 lb uplift at joint 6.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

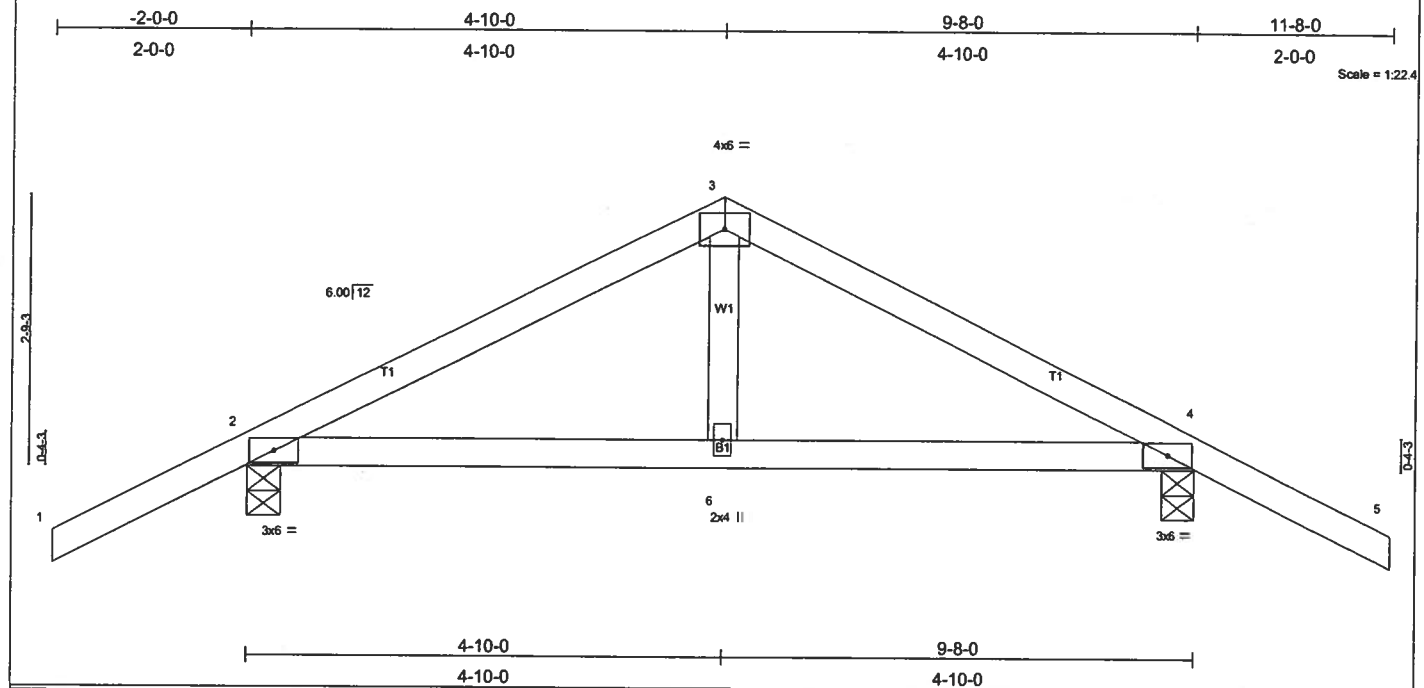
LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-54, 4-7=-54, 2-10=-30, 8-10=-80(F=-50), 6-8=-30

Job L208406	Truss T28	Truss Type ROOF TRUSS	Qty 5	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:27:49 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.13	Vert(LL) 0.03 4-6 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.05	Vert(TL) 0.02 4-6 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 4 n/a n/a		
	Code FBC2004/TPI2002			Weight: 41 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=509/0-4-0, 4=509/0-4-0
 Max Horz 2=72(load case 5)
 Max Uplift 2=378(load case 5), 4=378(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-489/547, 3-4=-489/547, 4-5=0/47
 BOT CHORD 2-6=-325/382, 4-6=-325/382
 WEBS 3-6=-256/149

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 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 378 lb uplift at joint 2 and 378 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L208406	Truss T28G	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Aug 31 14:29:17 2006 Page 1		

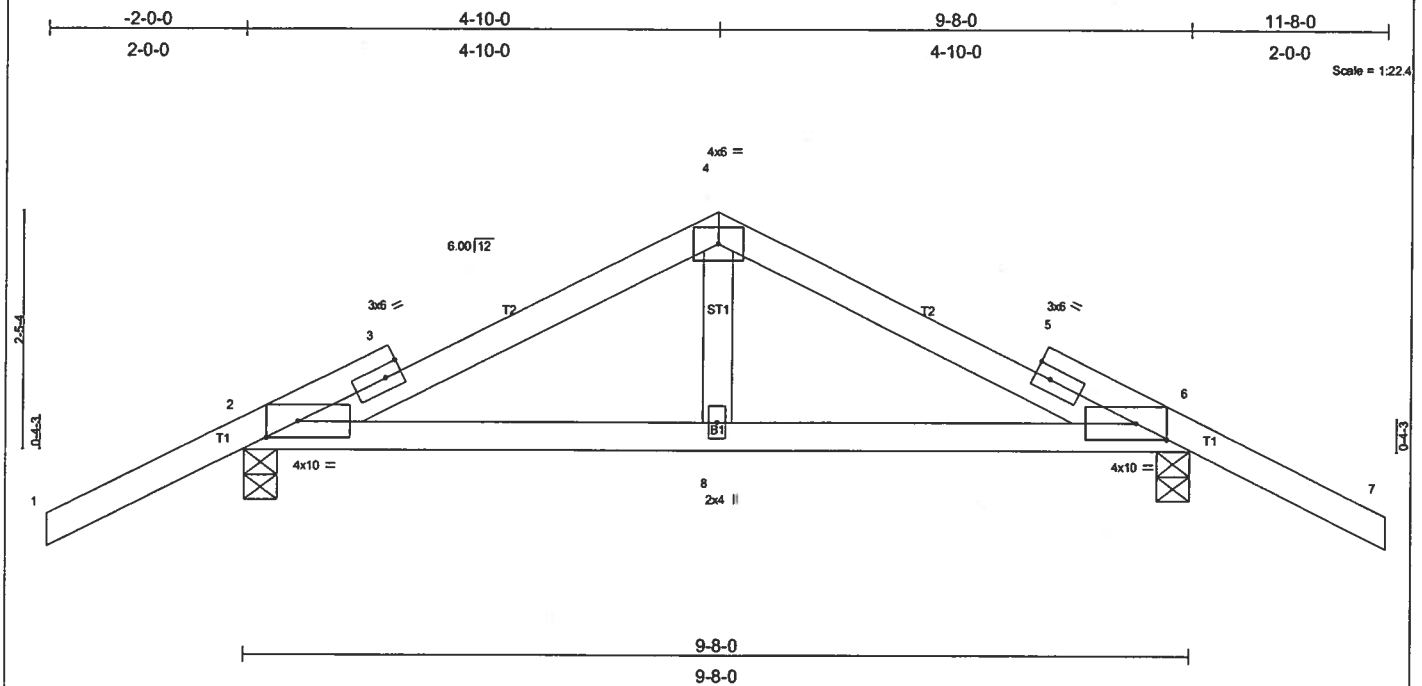


Plate Offsets (X,Y): [2:0-3-12,0-2-0], [6:0-3-12,0-2-0]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.58	Vert(LL)	0.05	6-8	>999	240	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.27	Vert(TL)	-0.05	6-8	>999	180		
BCCL 10.0	Lumber Increase 1.25	WB 0.06	Horz(TL)	0.01	6	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)							
	Code FBC2004/TP12002								
								Weight: 43 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-1-14 oc bracing.

REACTIONS (lb/size) 2=919/0-4-0, 6=919/0-4-0
 Max Horz 2=67 (load case 5)
 Max Uplift 2=534 (load case 5), 6=534 (load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-21/100, 2-3=-910/800, 3-4=-832/793, 4-5=-832/793, 5-6=-910/800, 6-7=-21/100
 BOT CHORD 2-8=-578/744, 6-8=-578/744
 WEBS 4-8=-284/173

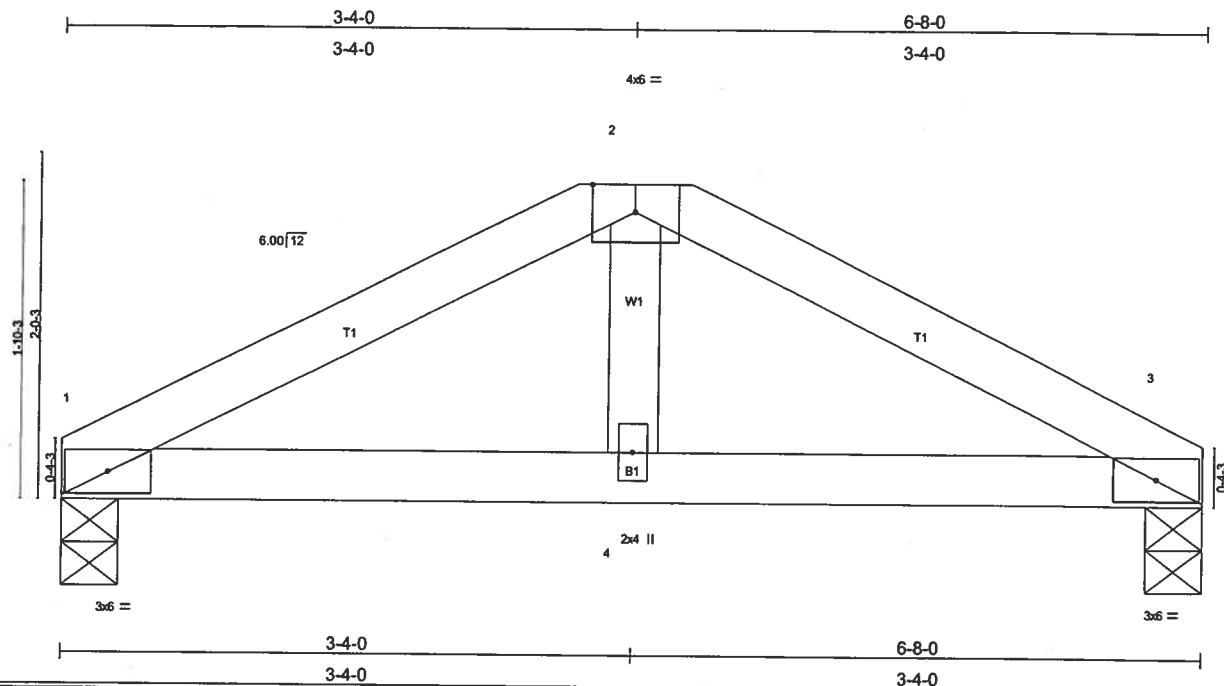
NOTES

- 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; 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.
- 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 studs spaced at 2-0-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 534 lb uplift at joint 2 and 534 lb uplift at joint 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

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-114(F=-60), 4-7=-114(F=-60), 2-6=-30

Job L208406	Truss T29	Truss Type ROOF TRUSS	Qty 1	Ply 1	HUGO ESCALANTE - CATES ROAD
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Aug 31 14:41:38 2006 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	In	(loc)	I/def	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase	1.25	TC 0.16	Vert(LL)	-0.02	3-4	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.42	Vert(TL)	-0.03	3-4	>999	180		
BCCL 10.0	Rep Stress Incr	NO	WB 0.21	Horz(TL)	0.01	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 23 lb	

LUMBER

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

BRACING

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

REACTIONS

(lb/size) 1=662/0-4-0, 3=662/0-4-0
 Max Horz 1=25(load case 3)
 Max Uplift 1=247(load case 4), 3=247(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-910/331, 2-3=-910/331
 BOT CHORD 1-4=-259/773, 3-4=-259/773
 WEBS 2-4=-206/662

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; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 247 lb uplift at joint 1 and 247 lb uplift at joint 3.
- Girder carries tie-in span(s): 7'-0-0 from 0'-0-0 to 6'-8-0
- Girder carries hip end with 3'-4-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 171 lb down and 88 lb up at 3'-4-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54, 2-3=-54, 1-3=-128(B=-98)
 Concentrated Loads (lb)
 Vert: 4=-171(F)

Symbols

PLATE LOCATION AND ORIENTATION

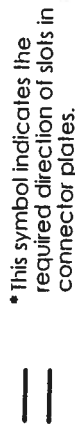
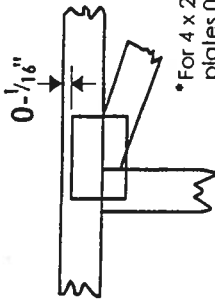
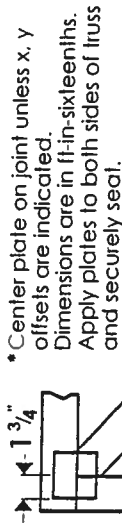


Plate location details available in Mitek 20/20 software or upon request.

PLATE SIZE

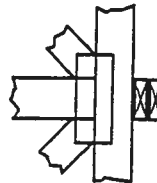
4 x 4

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

LATERAL BRACING



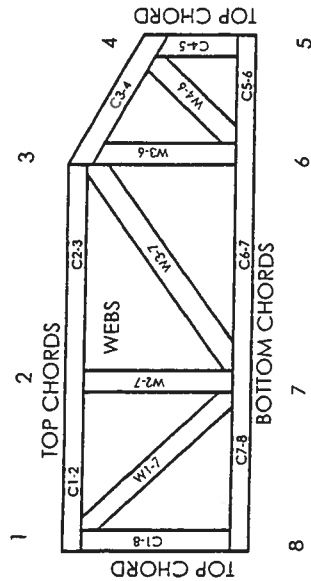
BEARING



Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DS8-89: Design Standard for Bracing.
BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



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

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

CONNECTOR PLATE CODE APPROVALS

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



Mitek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Properly Damage or Personal Injury

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

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BEARING HEIGHT SCHEDULE

8'-0"

10'-0"

OVERHANG

2'-0"

ROOF PITCH(S)
6/12

NOTES:

- 1) REFER TO HD 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED
- 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V05 FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER
- 4) ALL TRUSSES ARE DESIGNED FOR 2 O.C. MAXIMUM SPACING, UNLESS OTHERWISE NOTED
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED
- 6) 5/42 TRUSSES MUST BE INSTALLED WITH THE TOP BEAMS UP
- 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON TH4422 UNLESS OTHERWISE NOTED.
- 8) DEMONSTRATE/INTEL. (NOR) TO BE FURNISHED BY BUILDER

SHOP DRAWING APPROVAL

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

Approved Power File: _____

Approved By: _____ Date: _____



Dunnell

PHONE: 904-437-3349 FAX: 904-437-3994

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PHONE: 904-755-6894 FAX: 904-755-7473

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PHONE: 407-322-0059 FAX: 407-322-9553

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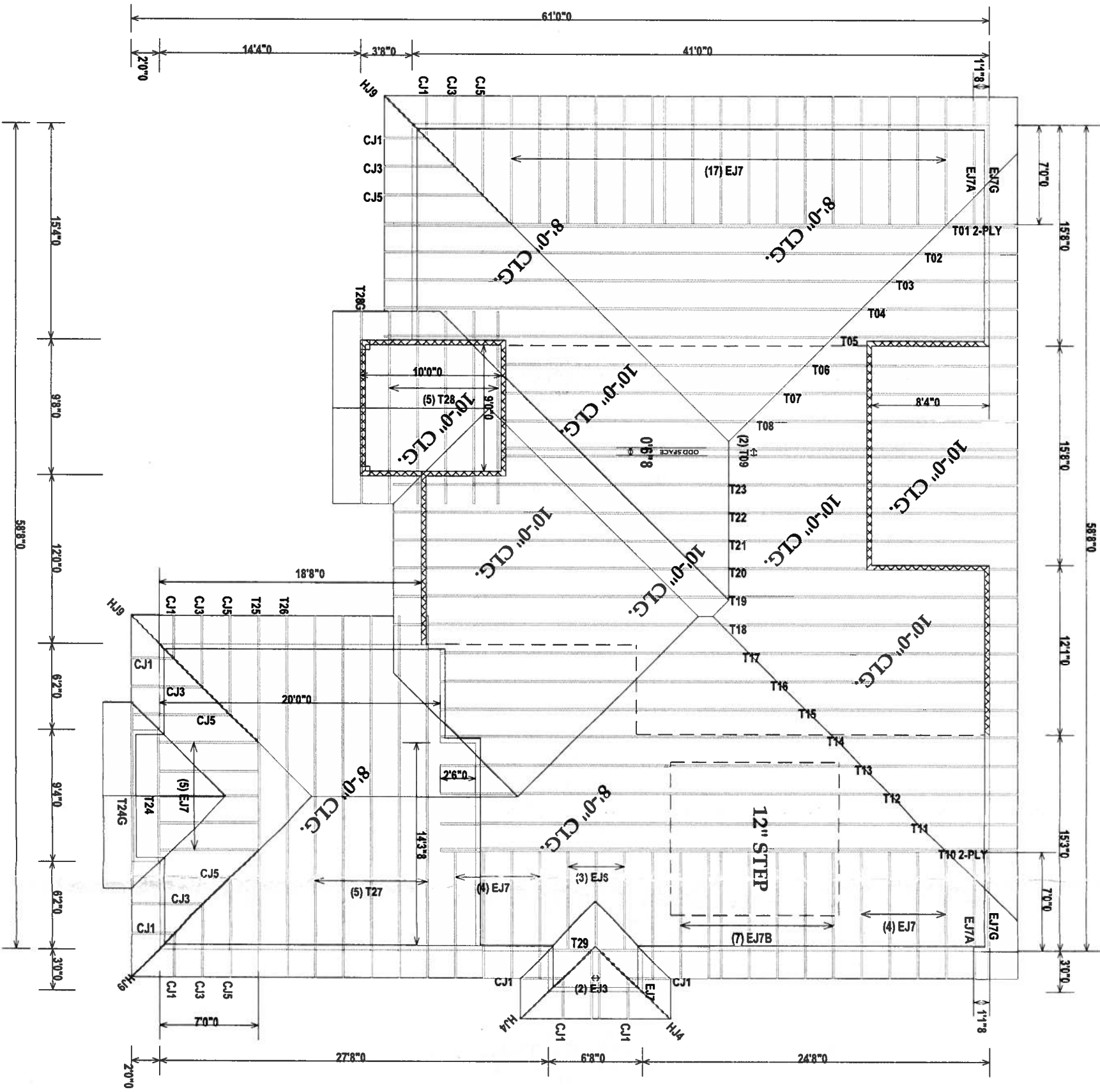
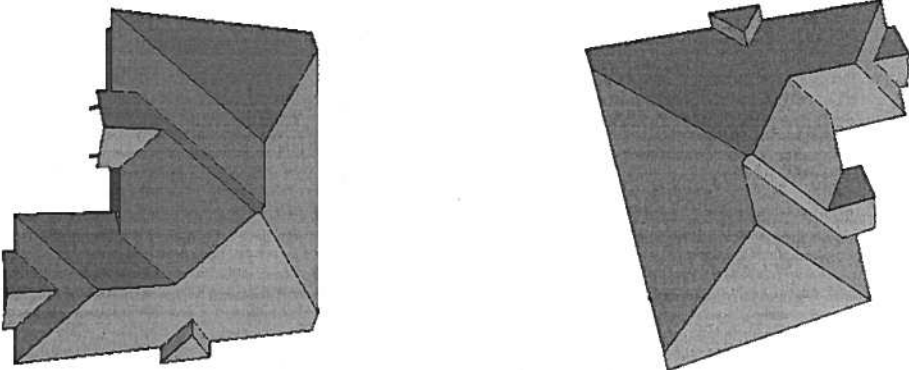
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MODEL: CUSTOM
DATE: 08/30/06 AM
DRAWN BY: JOB # L208406

LEGAL ADDRESS: COLUMBIA, FL

BUILDER: HUGO ESCALANTE - CATES ROAD

Sanford

Lake City

Jacksonville

Dunnell

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