

DATE 01/17/2007

Columbia County Building Permit**PERMIT**

This Permit Expires One Year From the Date of Issue

000025419

APPLICANT GARY MARTIN PHONE 386 984-6868
 ADDRESS P.O. BOX 3178 LAKE CITY FL 32056
 OWNER CYPRESS HOMES & LAND PHONE 867-5633
 ADDRESS 353 SW GERALD CONNER DR LAKE CITY FL 32024
 CONTRACTOR ROB STEWART PHONE 386 984-6868
 LOCATION OF PROPERTY 90W. TO CR 34', TL ON KICKLIGHTER, TR ON CANNON CREEK PL.
TL ON ARROWBEND DR, 1ST LOT ON RIGHT
 TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 70000.00
 HEATED FLOOR AREA 1400.00 TOTAL AREA 3415.00 HEIGHT STORIES 1
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
 LAND USE & ZONING RSF-2 MAX. HEIGHT 16
 Minimum Set Back Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
 NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 24-4S-16-03114-139 SUBDIVISION CANNON CREEK PLACE
 LOT 39 BLOCK PHASE UNIT TOTAL ACRES

000001306

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
 CULVERT 06-1119-N BK JH
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, ALTERNATE TREATMENT RECEIVED

Check # or Cash 1156

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 350.00 CERTIFICATION FEE \$ 17.07 SURCHARGE FEE \$ 17.07
 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 484.14
 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

Left Message 12-28-06 CH

CK#1156

Revised 9-23-04

For Office Use Only Application # 0612-64 Date Received 12/26 By JW Permit # 1306/25419
 Application Approved by - Zoning Official BLK Date 29.12.06 Plans Examiner OK JTH Date 12-28-06
 Flood Zone X per plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res Low Dens
 Comments Plat Requires MFE of 95.00ft Elevation Letter Required. Corner Lot 25' setback from Both Rds.
* ~~XXXXXXXXXX~~ - noc - Letter of Authorization from Stewart.

Applicants Name Gary Martin Phone 386-984-6868
 Address PO Box 3178 LAKE CITY FL 32056
 Owners Name Cypress Homes and Land Phone 386-867-5633
 911 Address 353 SW Gerald Conner Dr. LAKE CITY FL 32024
 Contractors Name Rob Stewart Phone 386-984-6868
 Address 507 W. Duval Street Lake City, FL 32055

Fee Simple Owner Name & Address

Sending Co. Name & Address

Architect/Engineer Name & Address Mark Disosway PO Box 868 Lake City, FL 32056

Mortgage Lenders Name & Address Columbia Bank Lake City FL 32056

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 24-45-16-03114-139 Estimated Cost of Construction 100K

Subdivision Name Cannon Creek Place Lot 39 Block Unit Phase

Driving Directions 90-W TO C-341, TL TO RICK LIGHTER RD, RLTR Cannon Creek Place TL ARROWBEND Drive First Lot on ~~Left~~ Right

Type of Construction Wood framed Walls Concrete Slab Number of Existing Dwellings on Property 0

Total Acreage .75 Lot Size .75 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 50' Side 25' Side 25' Rear 50'

Total Building Height 16 Number of Stories 1 Heated Floor Area 1400 Roof Pitch 6/12
 TOTAL 3,415

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.

[Signature]
 Owner Builder or Agent (Including Contractor)



[Signature]
 Contractor Signature
 Contractors License Number CBC1252898
 Competency Card Number
 NOTARY STAMP/SEAL

STATE OF FLORIDA
 COUNTY OF COLUMBIA

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

Personally known or Produced Identification

[Signature]
 Notary Signature



BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

*Land Surveyors
and Mappers*

25419

03/29/07

L-18270

To Whom It May Concern:

C/o: Gary Martin

Re: Lot 39 Cannon Creek Place

The elevation of the foundation is found to be 95.80 feet. The minimum finished floor elevation is 95.00 feet according to the plat of record. The highest adjacent grade is 94.48 feet and the lowest adjacent grade is 93.73 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

1 inch = 50 feet

By [Signature] **APPROVED** **Columbia CHD** CPHU

Notes: _____

Columbia County Property Appraiser

DB Last Updated: 11/20/2006

2007 Proposed Values**Parcel:** 24-4S-16-03114-139

Tax Record

Property Card

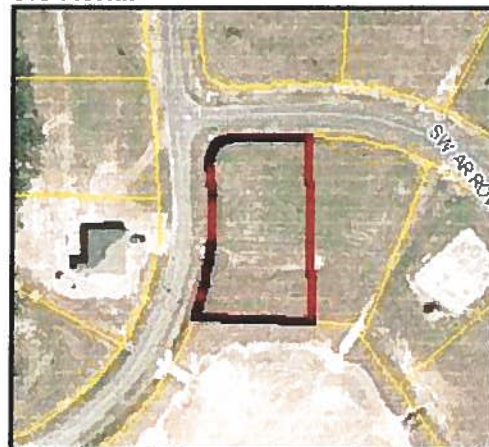
Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	CYPRESS HOMES & LAND LLC		
Site Address			
Mailing Address	400 SW AINSLEY GLN LAKE CITY, FL 32024		
Use Desc. (code)	VACANT (000000)		
Neighborhood	24416.00	Tax District	2
UD Codes	MKTA06	Market Area	06
Total Land Area	0.510 ACRES		
Description	LOT 39 CANNON CREEK PLACE S/D. AFD 1059-1657. WD 1078-2368.		

GIS Aerial**Property & Assessment Values**

Mkt Land Value	cnt: (1)	\$36,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$36,000.00

Just Value	\$36,000.00
Class Value	\$0.00
Assessed Value	\$36,000.00
Exempt Value	\$0.00
Total Taxable Value	\$36,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/27/2006	1078/2368	WD	V	U	04	\$100.00
9/23/2005	1059/1657	AG	V	U	01	\$49,000.00

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 - (.510AC)	1.00/1.00/1.00/1.00	\$36,000.00	\$36,000.00

Columbia County Property Appraiser

DB Last Updated: 11/20/2006

1 of 1

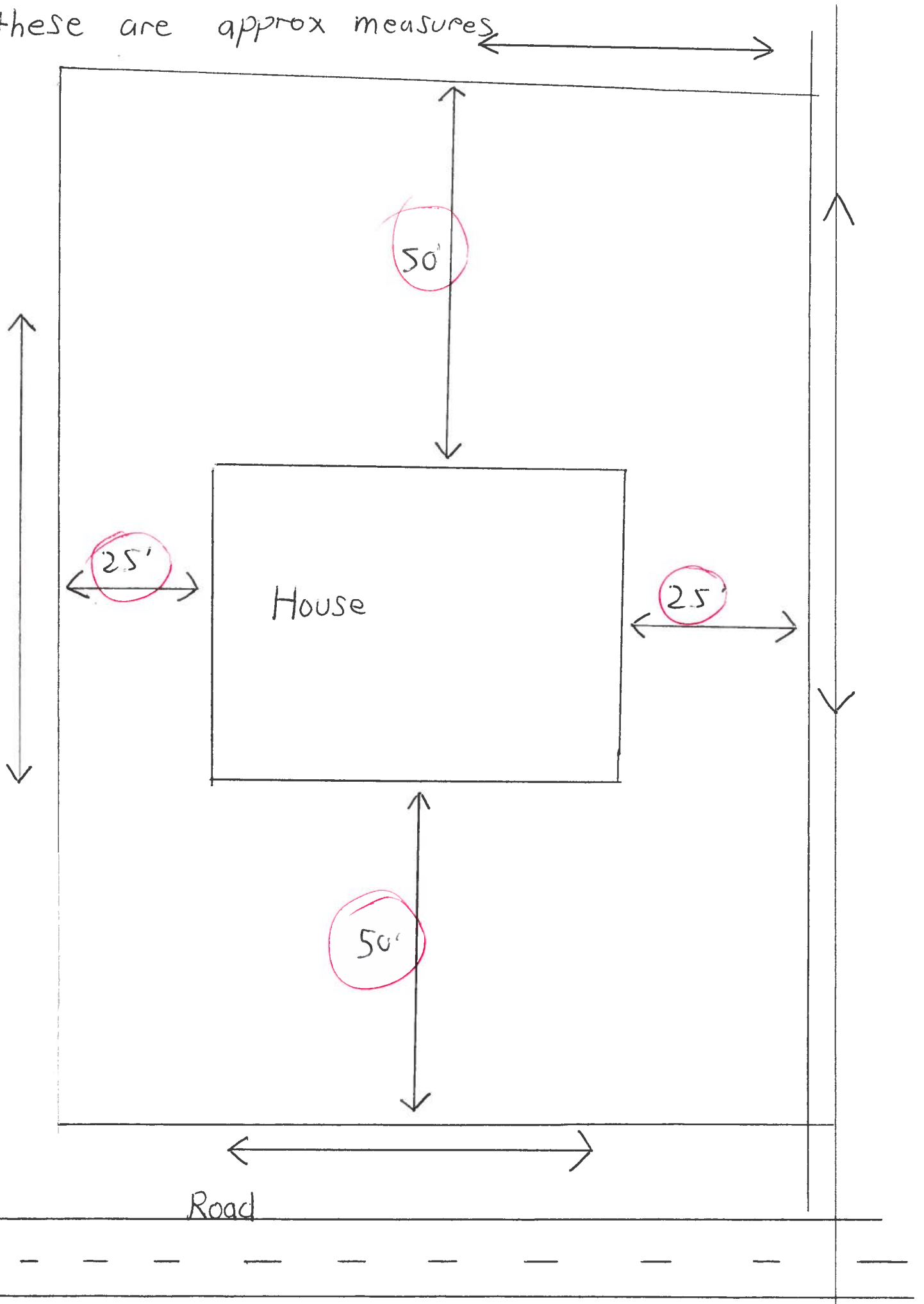
	Columbia County	
36000	Land	001
	AG	000
	Bldg	000
	Xfea	000
36000	TOTAL	B

36000 TOTAL B

Mnt 4/05/2006 THRESA

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

these are approx measures



LYNCH WELL DRILLING, INC.

RT. 6 BOX 464
LAKE CITY, FL 32025
PHONE (386) 752-6677
FAX (386) 752-1477

RESIDENTIAL WATER WELL BUILDING PERMIT INFORMATION

Building Permit # _____ Owners Name Ben Martin

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

Casing Size 4 PVC _____ Steel X

Pump Installation: Submersible X Deep Well Jet _____ Shallow Well _____

Pump Make Aermotor Pump Model # S20-100 Hp 1

System Pressure (PSI) _____ On 30 Off 50 Avg. Pressure 50
(PSI)

Pumping System GPM at average pressure and pumping level 20 (GPM)

Tank Installation: Precharged (Baldder) X Atmospheric (Galvanized)

Make Challenger Model PC244 Size 81

Tank Draw-down per cycle at system pressure 25.1 Gallons

I HEREBY CERTIFY THAT THIS WATER WELL SYSTEM HAS BEEN
INSTALLED AS PER ABOVE INFORMATION.

Lynch Well Drilling, Inc. Linda Newcomb
Signature Print Name

1274 or 2609
License Number

11/20/03
Date

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name: **611103MartinBen**
 Address: **Lot: 39, Sub: Cannon Creek Pl, Plat:**
 City, State: **, FL**
 Owner:
 Climate Zone: **North**

Builder: **Rob Stewart**
 Permitting Office: **Columbia**
 Permit Number: **25419**
 Jurisdiction Number: **221000**

- | | |
|--|---|
| <p>1. New construction or existing New ☐</p> <p>2. Single family or multi-family Single family ☐</p> <p>3. Number of units, if multi-family 1 ☐</p> <p>4. Number of Bedrooms 3 ☐</p> <p>5. Is this a worst case? Yes ☐</p> <p>6. Conditioned floor area (ft²) 1400 ft² ☐</p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <p style="margin-left: 20px;">a. U-factor: Description Area</p> <p style="margin-left: 40px;">(or Single or Double DEFAULT) 7a. (Dble Default) 144.0 ft² ☐</p> <p style="margin-left: 20px;">b. SHGC:</p> <p style="margin-left: 40px;">(or Clear or Tint DEFAULT) 7b. (Clear) 144.0 ft² ☐</p> <p>8. Floor types</p> <p style="margin-left: 20px;">a. Slab-On-Grade Edge Insulation R=0.0, 162.0(p) ft ☐</p> <p style="margin-left: 20px;">b. N/A ☐</p> <p style="margin-left: 20px;">c. N/A ☐</p> <p>9. Wall types</p> <p style="margin-left: 20px;">a. Frame, Wood, Exterior R=13.0, 972.0 ft² ☐</p> <p style="margin-left: 20px;">b. Frame, Wood, Adjacent R=13.0, 140.0 ft² ☐</p> <p style="margin-left: 20px;">c. N/A ☐</p> <p style="margin-left: 20px;">d. N/A ☐</p> <p style="margin-left: 20px;">e. N/A ☐</p> <p>10. Ceiling types</p> <p style="margin-left: 20px;">a. Under Attic R=30.0, 1400.0 ft² ☐</p> <p style="margin-left: 20px;">b. N/A ☐</p> <p style="margin-left: 20px;">c. N/A ☐</p> <p>11. Ducts</p> <p style="margin-left: 20px;">a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 140.0 ft ☐</p> <p style="margin-left: 20px;">b. N/A ☐</p> | <p>12. Cooling systems</p> <p style="margin-left: 20px;">a. Central Unit Cap: 28.0 kBtu/hr ☐</p> <p style="margin-left: 40px;">SEER: 13.00 ☐</p> <p style="margin-left: 20px;">b. N/A ☐</p> <p style="margin-left: 20px;">c. N/A ☐</p> <p>13. Heating systems</p> <p style="margin-left: 20px;">a. Electric Heat Pump Cap: 28.0 kBtu/hr ☐</p> <p style="margin-left: 40px;">HSPF: 7.90 ☐</p> <p style="margin-left: 20px;">b. N/A ☐</p> <p style="margin-left: 20px;">c. N/A ☐</p> <p>14. Hot water systems</p> <p style="margin-left: 20px;">a. Electric Resistance Cap: 40.0 gallons ☐</p> <p style="margin-left: 40px;">EF: 0.93 ☐</p> <p style="margin-left: 20px;">b. N/A ☐</p> <p style="margin-left: 20px;">c. Conservation credits ☐</p> <p style="margin-left: 40px;">(HR-Heat recovery, Solar</p> <p style="margin-left: 40px;">DHP-Dedicated heat pump)</p> <p>15. HVAC credits ☐</p> <p style="margin-left: 20px;">(CF-Ceiling fan, CV-Cross ventilation,</p> <p style="margin-left: 20px;">HF-Whole house fan,</p> <p style="margin-left: 20px;">PT-Programmable Thermostat,</p> <p style="margin-left: 20px;">MZ-C-Multizone cooling,</p> <p style="margin-left: 20px;">MZ-H-Multizone heating)</p> |
|--|---|

Glass/Floor Area: 0.10

Total as-built points: 18795

Total base points: 22408

PASS

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

PREPARED BY: Ben Smith

DATE: 12-1-06

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.

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

ADDRESS: Lot: 39, Sub: Cannon Creek Pl, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X	SPM X	SOF =	Points
.18	1400.0	20.04	5050.1	Double, Clear	W	1.5	5.5	45.0	38.52	0.90	1554.9
				Double, Clear	W	1.5	3.5	9.0	38.52	0.78	269.9
				Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7
				Double, Clear	E	5.0	5.5	20.0	42.06	0.54	454.7
				Double, Clear	E	1.5	5.5	40.0	42.06	0.90	1507.9
				As-Built Total:				144.0			4322.1
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM	=	Points
Adjacent	140.0	0.70	98.0	Frame, Wood, Exterior	13.0			972.0	1.50		1458.0
Exterior	972.0	1.70	1652.4	Frame, Wood, Adjacent	13.0			140.0	0.60		84.0
Base Total:				As-Built Total:				1112.0			1542.0
DOOR TYPES Area X BSPM = Points				Type				Area X	SPM	=	Points
Adjacent	20.0	1.60	32.0	Exterior Insulated				20.0	4.10		82.0
Exterior	20.0	4.10	82.0	Adjacent Insulated				20.0	1.60		32.0
Base Total:				As-Built Total:				40.0			114.0
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM X	SCM =	Points
Under Attic	1400.0	1.73	2422.0	Under Attic	30.0			1400.0	1.73 X	1.00	2422.0
Base Total:				As-Built Total:				1400.0			2422.0
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM	=	Points
Slab	162.0(p)	-37.0	-5994.0	Slab-On-Grade Edge Insulation	0.0			162.0(p)	-41.20		-6674.4
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				162.0			-6674.4
INFILTRATION Area X BSPM = Points								Area X	SPM	=	Points
	1400.0	10.21	14294.0					1400.0	10.21		14294.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Cannon Creek PI, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 17636.5				Summer As-Built Points: 16019.7						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
17636.5	0.4266		7523.7	(sys 1: Central Unit 28000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 16020	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000		4785.0
				16019.7	1.00	1.138	0.263	1.000		4785.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Cannon Creek Pl, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X WPM X WOF = Points								
.18	1400.0	12.74	3210.5	Double, Clear	W	1.5	5.5	45.0	20.73	1.03	959.0	
				Double, Clear	W	1.5	3.5	9.0	20.73	1.07	198.9	
				Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5	
				Double, Clear	E	5.0	5.5	20.0	18.79	1.26	473.9	
				Double, Clear	E	1.5	5.5	40.0	18.79	1.04	782.8	
				As-Built Total:				144.0		3154.1		
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM		= Points		
Adjacent	140.0	3.60	504.0	Frame, Wood, Exterior		13.0		972.0	3.40	3304.8		
Exterior	972.0	3.70	3596.4	Frame, Wood, Adjacent		13.0		140.0	3.30	462.0		
Base Total:		1112.0	4100.4	As-Built Total:				1112.0		3766.8		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM		= Points		
Adjacent	20.0	8.00	160.0	Exterior Insulated				20.0	8.40	168.0		
Exterior	20.0	8.40	168.0	Adjacent Insulated				20.0	8.00	160.0		
Base Total:		40.0	328.0	As-Built Total:				40.0		328.0		
CEILING TYPESArea X BWPM = Points				Type		R-Value		Area X WPM X WCM		= Points		
Under Attic	1400.0	2.05	2870.0	Under Attic		30.0		1400.0	2.05 X 1.00	2870.0		
Base Total:		1400.0	2870.0	As-Built Total:				1400.0		2870.0		
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM		= Points		
Slab	162.0(p)	8.9	1441.8	Slab-On-Grade Edge Insulation		0.0		162.0(p)	18.80	3045.6		
Raised	0.0	0.00	0.0									
Base Total:			1441.8	As-Built Total:				162.0		3045.6		
INFILTRATION Area X BWPM = Points								Area X WPM		= Points		
		1400.0	-0.59					1400.0		-0.59		-826.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Cannon Creek PI, Plat: , , FL,	PERMIT #:
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BASE				AS-BUILT									
Winter Base Points:		11124.7		Winter As-Built Points:			12338.5						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Heating Points
11124.7		0.6274	6979.6	(sys 1: Electric Heat Pump 28000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 12338.5 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 6189.6 12338.5 1.00 1.162 0.432 1.000 6189.6									

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Cannon Creek PI, Plat: , , FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67
					As-Built Total:					7820.0

CODE COMPLIANCE STATUS													
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
7524		6980		7905		22408	4785		6190		7820		18795

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Cannon Creek PI, Plat: , , 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.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.3

The higher the score, the more efficient the home.

, Lot: 39, Sub: Cannon Creek Pl, Plat: , , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 28.0 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?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1400 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 28.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 144.0 ft ²		HSPF: 7.90
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 144.0 ft ²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 162.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 972.0 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 140.0 ft ²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1400.0 ft ²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 140.0 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: FLR2PB v4.1)

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000001306**

25419

DATE 01/17/2007 PARCEL ID # 24-4S-16-03114-139

APPLICANT GARY MARTIN PHONE 386 984-6868

ADDRESS P.O. BOX 3178 LAKE CITY FL 32056

OWNER CYPRESS HOMES & LAND PHONE 867-5633

ADDRESS 353 SW GERALD CONNER DR LAKE CITY FL 32024

CONTRACTOR ROB STEWART PHONE 386 984-6868

LOCATION OF PROPERTY 90W, TO CR 34', TL ON KICKLIGHTER, TR ON CANNON CREEK PL,
TL ON ARROWBEND DR, 1ST LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CANNON CREEK PLACE 39

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 INSTALLATION OF THE CULVERT.**

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

Amount Paid 25.00





January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4691.

TAMKO Roofing Products, Inc.

CONSTRUCTION SERIES* INSURING 6-8 SINGLE AND DOUBLE
W/ & W/OUT SIDELITES. INSULATED STEEL DOOR WITH WOOD FRAMES.

- 1 THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA
- 2 BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY
- 3 WOOD BUCKS BY OTHERS. MUST BE ANCHORED PROPERLY
- 4 TO TRANSFER LOADS TO THE STRUCTURE
- 5 PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS
- 6 SHOWN ON DETAILS AND/OR EMBEDMENT TO BASE MATERIAL
- 7 SHALL BE BEYOND WALL DRESSING OR STUCCO
- 8 1) SIGNED PRESSURE RATING SEE TABLE PAGE 1
- 9 THIS PRODUCT WAS TESTED FOR 2.86 LBS. WATER PRESSURE
- 10 AS PER ASTM-E-331
- 11 THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS
- 12 FOR MIAMI-DADE COUNTY WITHOUT PROPER OVERHANG
- 13 MIAMI-DADE APPROVE IMPACT RESISTANT SHOOTERS
- 14 ARE REQUIRED FOR SHIELDS ONLY
- 15 SHIELDS ARE AN OPTION AND CAN BE USED IN A
- 16 SINGLE OR DOUBLE CONFIGURATION

Female 'funel' construction:

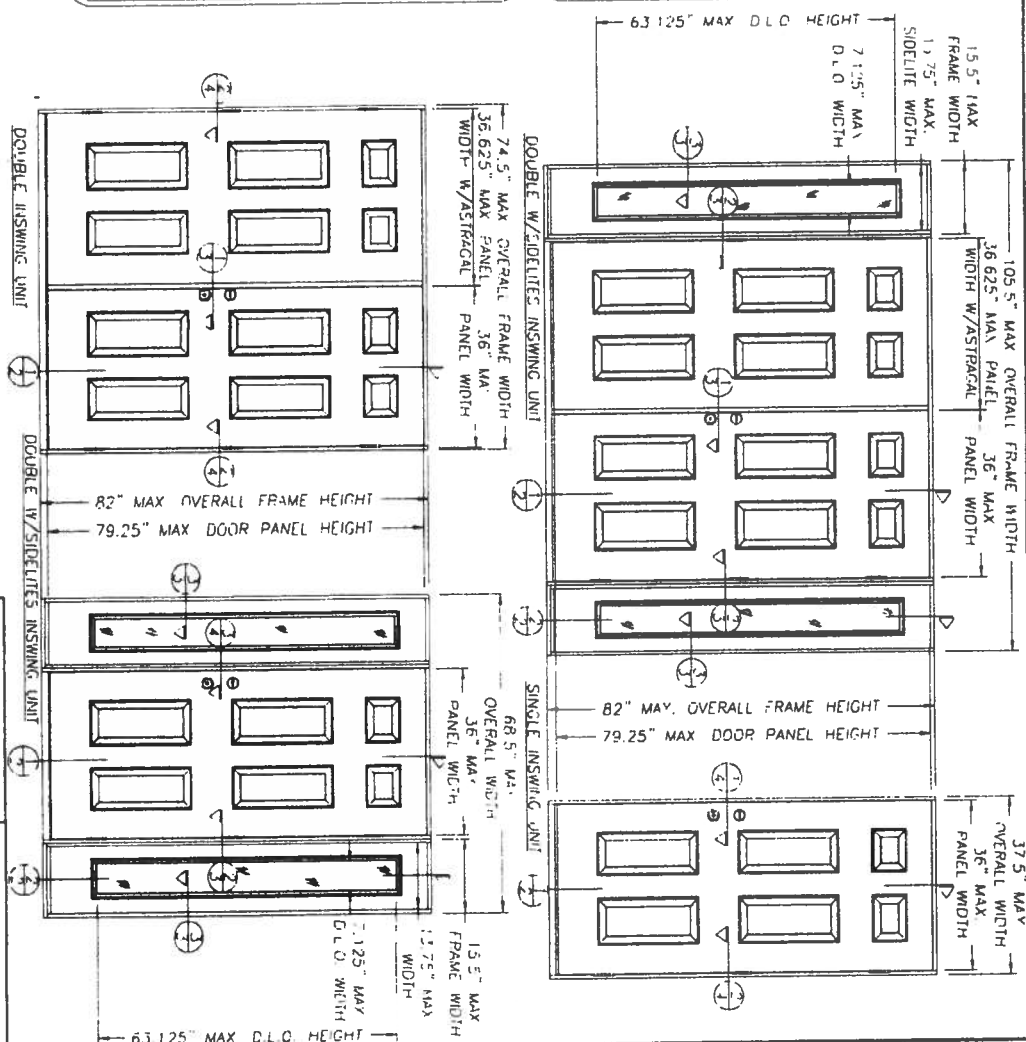
1.6.6. SHEETS. 25 GA 0.018" minimum thickness, uncoated steel A 515, commercial quality - A36Cu per ASTM 620 with yield strength $f_y(\text{mm}) = 27,630$ psi.

Upper Panel Construction. First an embossed type. The vertical edges of the skin, rolled turned to provide a mechanical interlock with large jointed pine slats. Wood end joints are butt jointed and pressure fitted with contact cement to the wood slats at the curves.

Single Panel Construction and Glazing. The vertical edges of the skin are rolled turned to provide a mechanical interlock with finger jointed pine slats. Wood end joints are butt jointed to the wood slats. At the corners the slats are secured by using a two piece tie frame with mitered & beveled corners.

Finger Construction. The frame is constructed from finger jointed ponderosa pine measuring 4.575" wide $\times$ 1.611" thick. The header is joined to the side joints with (1) 2" $\times$ 1/2" round $\times$ 10" long slats at each side. The threshold is joined to the side joints with (2) 16ga $\times$ 7/2" crown $\times$ 2" long in slats at each side. The mullions are 1/2" $\times$ 1" long in a double application using #3 $\times$ 8" long pine wood screws (b) screws per each mullion. The unit sits on inswing saddle threshold measuring 3.75" $\times$ 1.548".

SCALE	N I T S
DWG BY	JH
CHEK BY	RW
DRAWING NO	S-214
SHEET	1 OF 6



THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO 43537
PHONE 800 537 8827

PRODUCT	"CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR
PART OR ASSEMBLY	TYPICAL ELEVATIONS & GENERAL NOTES

CONSULTANTS, INC.
813.684.3831

R W
B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831

Facsimile 813.684.3954

ENGINEER'S NOTICE OF EVALUATION # MSH-105F

Mayfair Window & Doors

4100 Cameron Street

Lafayette, LA 70506

Phone 800.999.2470 Facsimile 337.235.6657

DESCRIPTION OF UNIT**Model Designation:** Single Hung Extruded Aluminum Fin Frame W/Tilt Sash Window Series 570 / 530**Maximum Overall Nominal Size:** up to 44.0" x 72.0" **Usable Configurations:** $\frac{O}{X}$

General Description: The jambs are extruded aluminum with a minimum wall thickness of 0.047". The 530 Tilt series is glazed with 1/8" clear annealed glass and the 570 Tilt series is glazed with 1/4" insulated clear annealed glass. The active sash stiles and top rail are weather-stripped on the exterior sides with a fin seal. The bottom of the operable sash has a 0.350" high vinyl bulb. The sash is operated with a spiral balance system and locked with two locks located on the meeting rail. The window frames are coped corner construction and fastened with two #8 x 1/4" SMS at each frame head and sill corners. The window is weeped with two 3/4" weep notches located one at each end of the sill screen retainer leg.

FBC Section 1707 Materials and Assembly Tests:

(1707.4.2 Exterior Windows and Glass Doors)

Test	Description	Test Location	Date	Report No.	Certifying Technician
ASTM E330	Uniform Static Air Pressure	Mid America Testing Certified Testing Laboratories	December 10, 2001 August 14, 2001	01085W-A CTLA-706WR	Travis Swinshelm, Tech. James Blakely, VP
AAMA 1302.5	Forced Entry	Certified Testing Laboratories	August 14, 2001	CTLA-706WR	James Blakely, VP
ASTM E331	Water Penetration	Certified Testing Laboratories	August 14, 2001	CTLA-706WR	James Blakely, VP
ASTM E283	Air Infiltration	Certified Testing Laboratories	August 14, 2001	CTLA-706WR	James Blakely, VP
TAS 201/203	**Large Missile Impact/Cycling	NA	NA	NA	NA

* This product does not meet windborne debris criteria.

Design Pressure Ratings:

Configuration	Maximum Size	Design Pressure Ratings
Single Hung	Up To 44" x 72"	+45.00 -45.00

Installation and Anchoring: See reverse side this page**Use**

1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed above.

2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

Certification: Florida Professional Engineer - Seal No. 43409

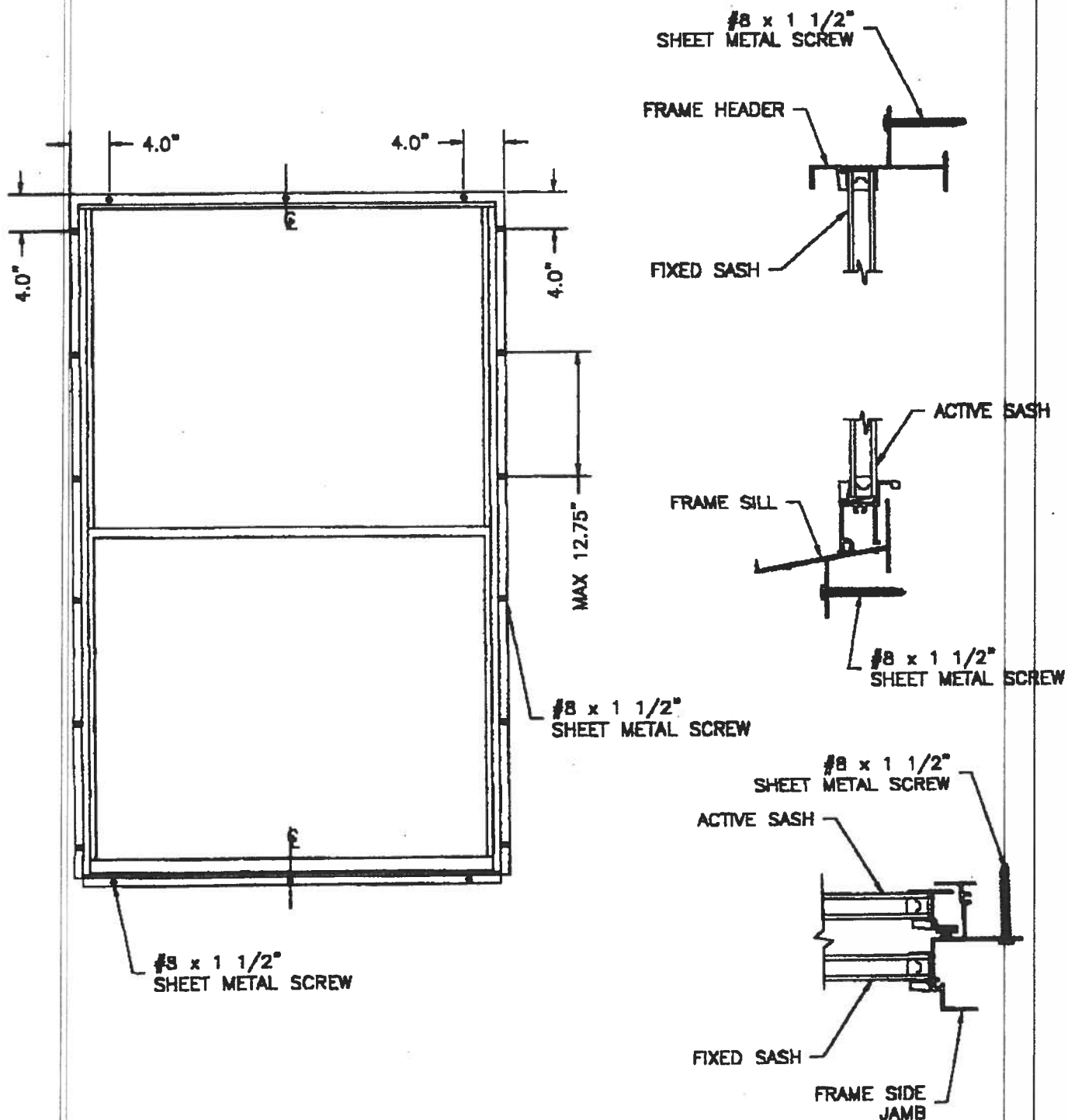
April 20, 2002

Lyndon F. Schmidt

19506 French Lace Drive

Lutz, FL 33558

Mayfair Windows & Doors Tilt Series 570/530
Maximum Size Up To 44.0" x 72.0"
Single Hung Extruded Aluminum Windows



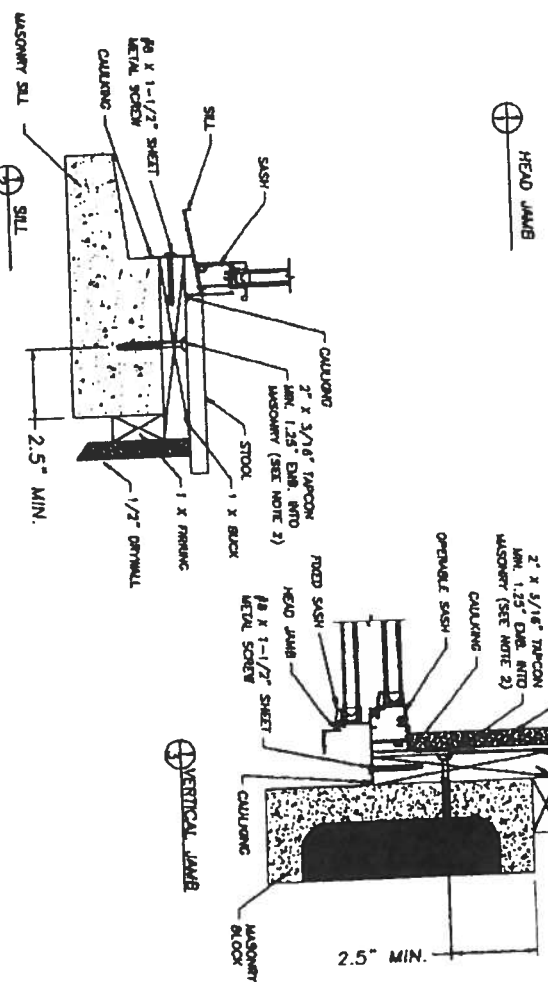
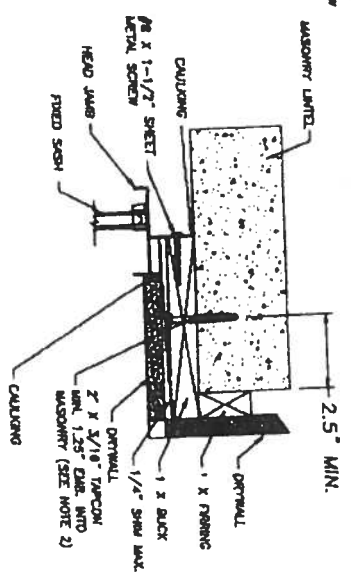
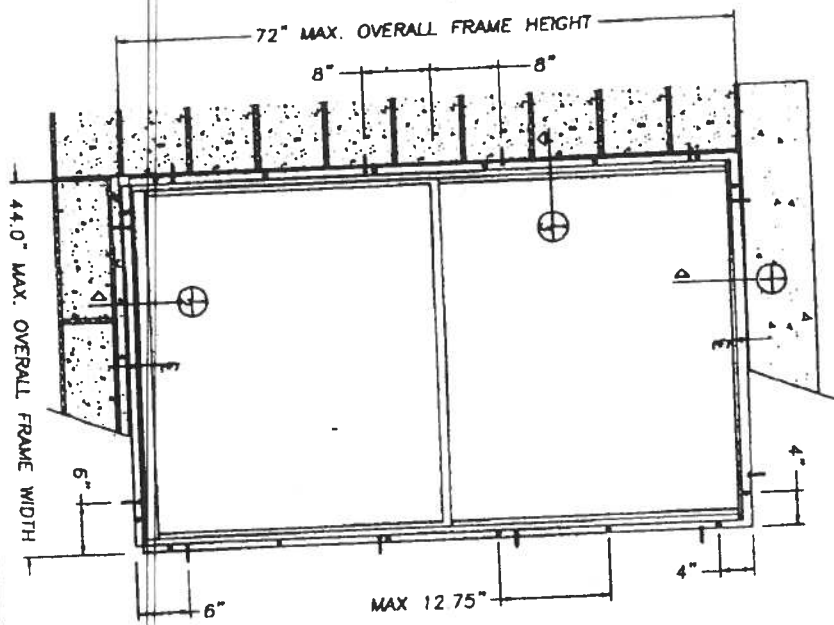
MODEL DESIGNATION: Mayfair 570/530 Series Single Hung Aluminum Window

MAXIMUM OVERALL NOMINAL SIZE: Single up to 44" x 72"

DESIGN PRESSURE RATING: Anchors: Positive 45.0 PSF Negative 45.0 PSF
Windows: Design Pressure Ratings Vary; See Corresponding Test Report, Dade NOA or Florida, P.E. Evaluation.

USABLE CONFIGURATIONS: 0
The head and side joints are extruded Aluminum. The mulling flange is 0.047" thick.

GENERAL DESCRIPTION:



NOTE:

1. This limitation has been indicated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Aluminum Design Loads for Buildings and other Structures do not exceed the design pressure ratings listed herein.
2. When using a 2 X buck, the 2" tapcon type anchor must be changed to a 3" tapcon type anchor to allow for minimum 1-1/4" embedment into the masonry.
3. All fastener heads on the exterior side of Mull Fin will need to be certified to prevent peeling and corrosion.
4. Both exterior bottom corners of the frame of the buck must be caulked to prevent moisture damage.
5. See drawing of exterior flanges for details.

ANCHORING CROSS SECTIONS FOR 1X BUCK TO MASONRY SINGLE OR DOUBLE HUNG ALUMINUM WINDOW

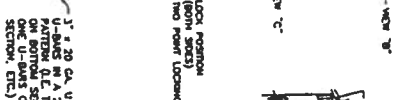
Mayfair Windows & Doors
4100 Cameron Street
Lafayette, LA 70506
PH. 800.999.2470

Lyndon F. Schmidt
Lyndon F. Schmidt
Florida P. E. No. 43409
19508 French Lake Drive
Lutz, FL 33558

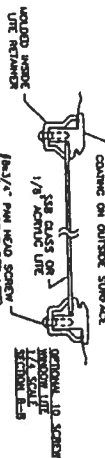
DATE: 4/19/92
DRAWN BY: T.H.
CHECKED BY: K.W.
DESIGNED BY: W-100
SHEET: 1 OF 1

- 20 CA. MAR. DND STILES ATTACHED TO BOOK
SPOT WITH PAPERED TONGUE - ONE STILE
(TOP, BOTTOM & CENTER).

HORIZONTAL TRACK SUPPORT BY



NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE, AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.



LISTED
SBCCI
PST&ESI



CLOROX BLEACHING PRODUCTS COMPANY
312 WALTON STREET
SUNTE, IL 60080
(312) 341-4000

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(312) 341-4000

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75/84A
AVPAC NUM
$$1 + 24 / \dots$$

REC'D	04
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Test

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1

Residential System Sizing Calculation

Summary

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

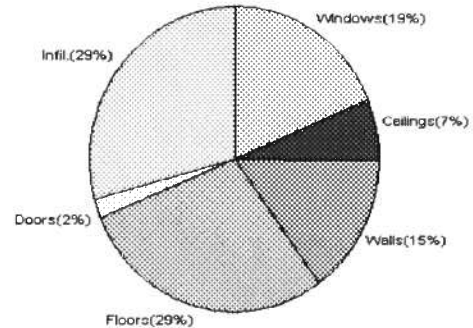
12/1/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	24635 Btuh	Total cooling load calculation	20154 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	113.7 28000	Sensible (SHR = 0.75)	134.5 21000
Heat Pump + Auxiliary(0.0kW)	113.7 28000	Latent	154.1 7000
		Total (Electric Heat Pump)	138.9 28000

WINTER CALCULATIONS

Winter Heating Load (for 1400 sqft)

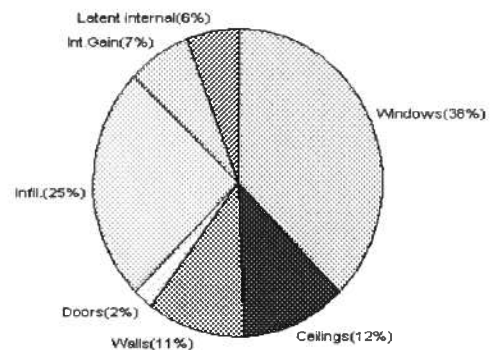
Load component		Load	
Window total	144 sqft	4635	Btuh
Wall total	1112 sqft	3652	Btuh
Door total	40 sqft	518	Btuh
Ceiling total	1400 sqft	1650	Btuh
Floor total	162 sqft	7073	Btuh
Infiltration	175 cfm	7108	Btuh
Duct loss		0	Btuh
Subtotal		24635	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		24635	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1400 sqft)

Load component		Load	
Window total	144 sqft	7580	Btuh
Wall total	1112 sqft	2239	Btuh
Door total	40 sqft	392	Btuh
Ceiling total	1400 sqft	2318	Btuh
Floor total		0	Btuh
Infiltration	91 cfm	1702	Btuh
Internal gain		1380	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		15612	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		3343	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		4543	Btuh
TOTAL HEAT GAIN		20154	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *Ber J. [Signature]*

DATE: *12-1-06*

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

12/1/2006

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NW	9.0		32.2	290 Btuh
3	2, Clear, Metal, 0.87	NE	30.0		32.2	966 Btuh
4	2, Clear, Metal, 0.87	SE	20.0		32.2	644 Btuh
5	2, Clear, Metal, 0.87	SE	40.0		32.2	1288 Btuh
Window Total			144(sqft)			4635 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	972		3.3	3192 Btuh
2	Frame - Wood - Adj(0.09)	13.0	140		3.3	460 Btuh
Wall Total			1112			3652 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
Door Total			40			518Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic(D/Shin)	30.0	1400		1.2	1650 Btuh
Ceiling Total			1400			1650Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	162.0 ft(p)		43.7	7073 Btuh
Floor Total			162			7073 Btuh
Zone Envelope Subtotal:						17528 Btuh
Infiltration	Type	ACH	X	Zone Volume	CFM=	Load
	Natural	0.94		11200	175.5	7108 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)				(DLM of 0.00)	0 Btuh
Zone #1	Sensible Zone Subtotal					24635 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	24635 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	24635 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

, FL

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

12/1/2006

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NW	9.0		32.2	290 Btuh
3	2, Clear, Metal, 0.87	NE	30.0		32.2	966 Btuh
4	2, Clear, Metal, 0.87	SE	20.0		32.2	644 Btuh
5	2, Clear, Metal, 0.87	SE	40.0		32.2	1288 Btuh
Window Total			144(sqft)			4635 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	972		3.3	3192 Btuh
2	Frame - Wood - Adj(0.09)	13.0	140		3.3	460 Btuh
Wall Total			1112			3652 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
Door Total			40			518Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1400		1.2	1650 Btuh
Ceiling Total			1400			1650Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	162.0 ft(p)		43.7	7073 Btuh
Floor Total			162			7073 Btuh
Zone Envelope Subtotal:						17528 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.94	11200	175.5		7108 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					24635 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	24635 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	24635 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

, FL

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

12/1/2006

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	45.0	0.0	45.0	29	60	2702	Btuh
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	3.5ft.	9.0	0.0	9.0	29	60	540	Btuh
3	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	30.0	0.0	30.0	29	60	1801	Btuh
4	2, Clear, 0.87, None,N,N	SE	5ft.	5.5ft.	20.0	20.0	0.0	29	63	579	Btuh
5	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	40.0	16.2	23.8	29	63	1958	Btuh
Window Total					144 (sqft)					7580 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09		972.0			2.1		2027 Btuh		
2	Frame - Wood - Adj	13.0/0.09		140.0			1.5		211 Btuh		
Wall Total					1112 (sqft)					2239 Btuh	
Doors	Type			Area (sqft)			HTM		Load		
1	Insulated - Adjacent			20.0			9.8		196 Btuh		
2	Insulated - Exterior			20.0			9.8		196 Btuh		
Door Total					40 (sqft)					392 Btuh	
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		1400.0			1.7		2318 Btuh		
Ceiling Total					1400 (sqft)					2318 Btuh	
Floors	Type	R-Value		Size			HTM		Load		
1	Slab On Grade	0.0		162 (ft(p))			0.0		0 Btuh		
Floor Total					162.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:									12529 Btuh	
Infiltration	Type	ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural	0.49		11200			91.5		1702 Btuh		
Internal gain	Occupants		Btuh/occupant			Appliance		Load			
	6		X 230 +			0		1380 Btuh			
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									15612 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

12/1/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	15612 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	15612 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	15612 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3343 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4543 Btuh
	TOTAL GAIN	20154 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

, FL

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

12/1/2006

Component Loads for Zone #1: Main

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	45.0	0.0	45.0	29	60	2702 Btuh	
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	3.5ft.	9.0	0.0	9.0	29	60	540 Btuh	
3	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	30.0	0.0	30.0	29	60	1801 Btuh	
4	2, Clear, 0.87, None,N,N	SE	5ft.	5.5ft.	20.0	20.0	0.0	29	63	579 Btuh	
5	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	40.0	16.2	23.8	29	63	1958 Btuh	
	Window Total				144 (sqft)					7580 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext		13.0/0.09	972.0			2.1		2027 Btuh		
2	Frame - Wood - Adj		13.0/0.09	140.0			1.5		211 Btuh		
	Wall Total			1112 (sqft)					2239 Btuh		
Doors	Type	Area (sqft)			HTM		Load				
1	Insulated - Adjacent	20.0			9.8		196 Btuh				
2	Insulated - Exterior	20.0			9.8		196 Btuh				
	Door Total			40 (sqft)			392 Btuh				
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		1400.0			1.7		2318 Btuh		
	Ceiling Total			1400 (sqft)					2318 Btuh		
Floors	Type	R-Value		Size			HTM		Load		
1	Slab On Grade	0.0		162 (ft(p))			0.0		0 Btuh		
	Floor Total			162.0 (sqft)					0 Btuh		
	Zone Envelope Subtotal:									12529 Btuh	
Infiltration	Type	ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural	0.49		11200			91.5		1702 Btuh		
Internal gain	Occupants		Btuh/occupant			Appliance		Load			
	6		X 230 +			0		1380 Btuh			
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)									DGM = 0.00	0.0 Btuh
	Sensible Zone Load									15612 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

, FL

Project Title:
611103MartinBen

Class 3 Rating
Registration No. 0
Climate: North

12/1/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	15612 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	15612 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	15612 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3343 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4543 Btuh
	TOTAL GAIN	20154 Btuh

*Key: Window types (Pn - Number of panes of glass)
 (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (U - Window U-Factor or 'DEF' for default)
 (InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (BS - Insect screen: none(N), Full(F) or Half(H))
 (Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Project Title:
611103MartinBen

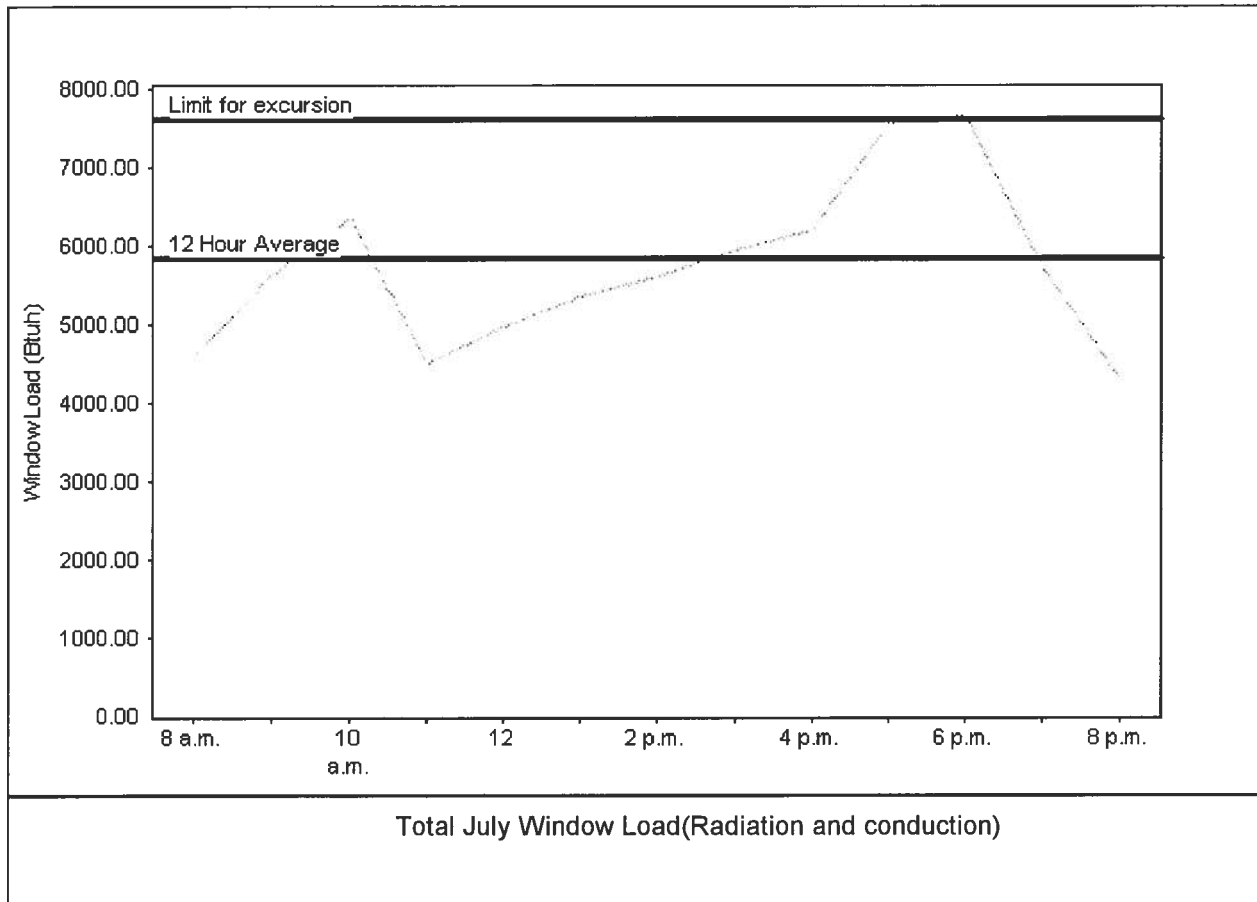
Class 3 Rating
Registration No. 0
Climate: North

12/1/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	5849 Btuh
Summer setpoint	75 F	Peak window load for July	7651 Btuh
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	7603 Btuh
Latitude	29 North	Window excursion (July)	48 Btuh

WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: 12-1-06

EnergyGauge® FLR2PB v4.1





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Licensee Details

Licensee Information

Name: **MARTIN, BENNETT G (Primary Name)**
MARTIN HOME BUILDERS INC (DBA Name)
Main Address: **PO BOX 1831**
LAKE CITY Florida 32056
County: **COLUMBIA**

License Mailing:

License Location: **RT 9 BOX 1051**
LAKE CITY FL 32024
County: **COLUMBIA**

License Information

License Type: **Certified Building Contractor**
Rank: **Cert Building**
License Number: **CBC059077**
Status: **Current, Active**
Licensure Date: **08/03/1999**
Expires: **08/31/2006**

Special Qualifications **Qualification Effective**
Bldg Code Core Course
Credit
Qualified Business **02/20/2004**
License Required

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Job L218303	Truss CJ3	Truss Type JACK	Qty 12	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 MITek Industries, Inc. Mon Nov 27 10 44 18 2006 Page 1		

Scale = 1/11

LOADING (psf) TCDL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TP12002	CSI TC 0.30 BC 0.08 WB 0.00 (Matrix)	DEFL in (loc) l/defl U/d Vert(LL) 0.01 2-4 >999 240 Vert(TL) -0.01 2-4 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight 13 lb
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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=-240(load case 5), 4=-26(load case 3)

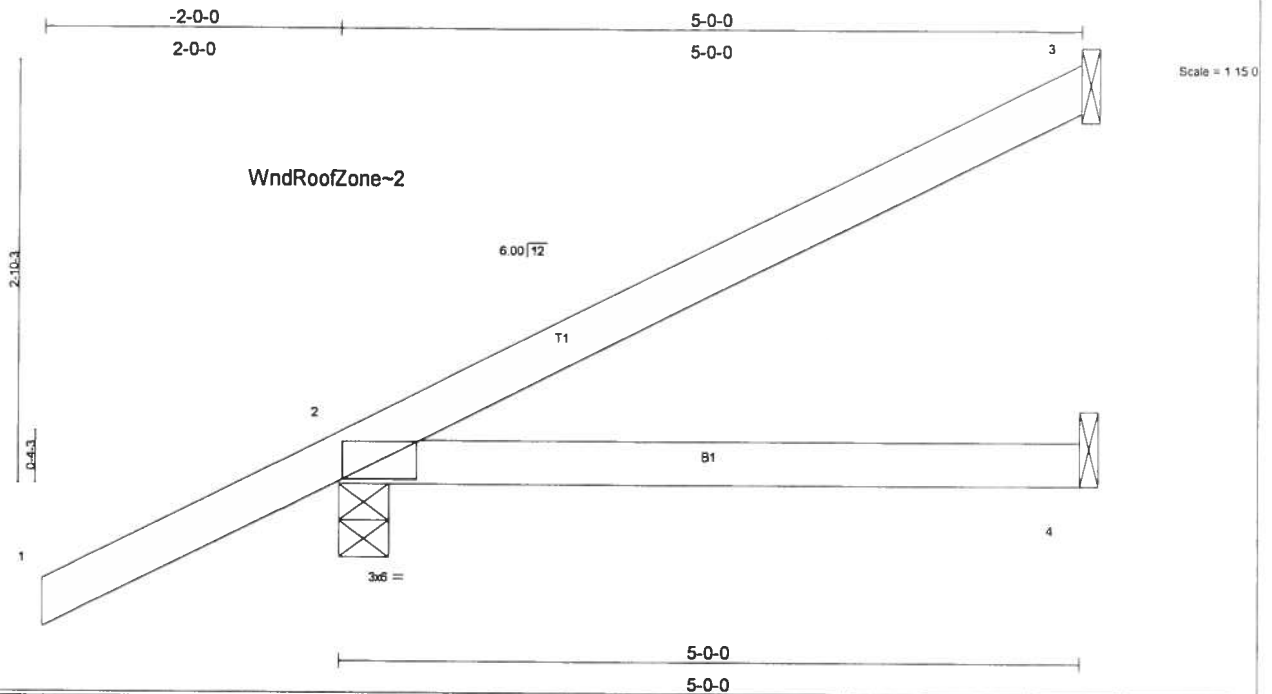
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-58/7
 BOT CHORD 2-4=0/0

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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Refer to girder(s) for truss to truss connections.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 3, 240 lb uplift at joint 2 and 26 lb uplift at joint 4.

LOAD CASE(S) Standard

NOVEMBER 27, 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 L218303	Truss CJ5	Truss Type JACK	Qty 10	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Nov 27 10:44:19 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 0.24	Vert(LL) 0.09 2-4 >671 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) 0.07 2-4 >784 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TP12002			Weight: 19 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No 2	TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

REACTIONS (lb/size) 3=102/Mechanical, 2=344/0-4-0, 4=72/Mechanical
 Max Horz 2=178(load case 5)
 Max Uplift 3=-86(load case 5), 2=-261(load case 5), 4=-46(load case 3)

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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 3, 261 lb uplift at joint 2 and 46 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L218303	Truss EJ7	Truss Type JACK	Qty 21	Ply 1	MARTIN LOT 39 Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Nov 27 10 44 20 2006 Page 1		

Scale = 1/16 in
Camber = 1/16 in

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.44	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.34	Vert(LL) -0.12 2-4 >674 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.20 2-4 >403 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight 26 lb	

LUMBER TOP CHORD 2 X 4 SYP No 2 BOT CHORD 2 X 4 SYP No 2	BRACING TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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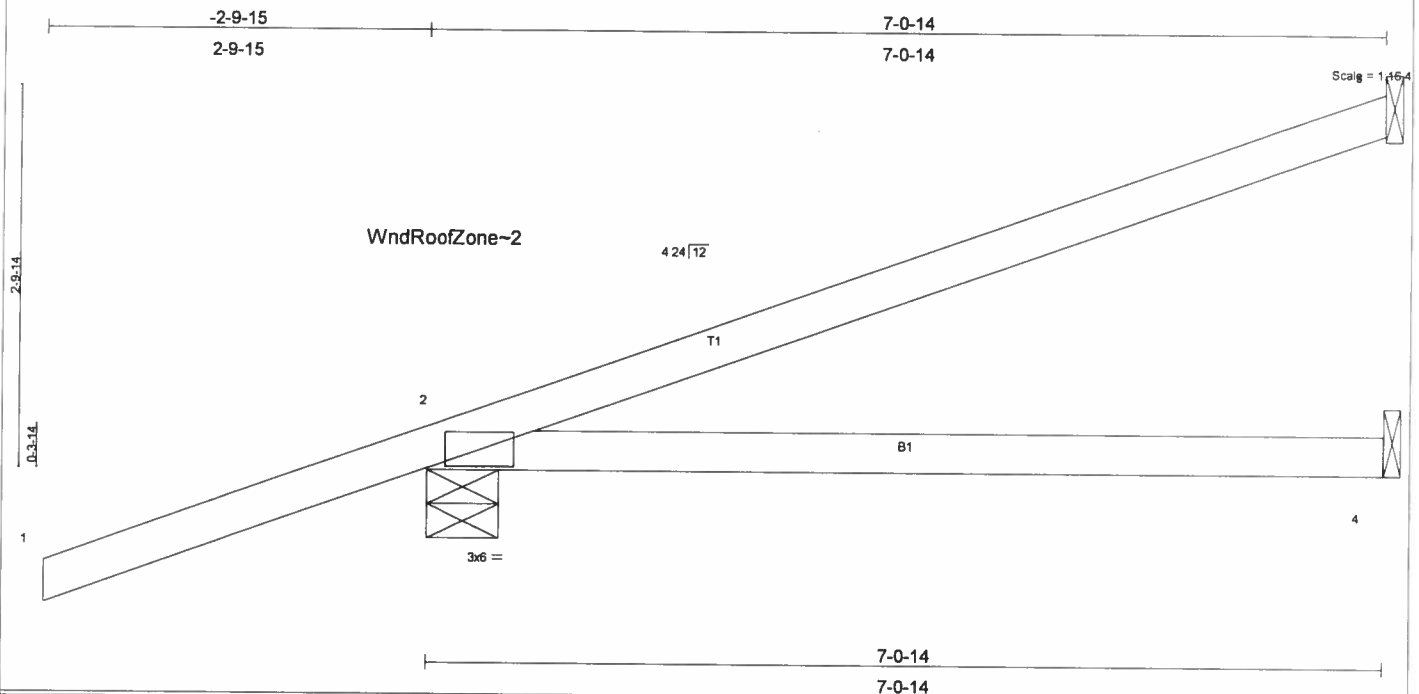
REACTIONS (lb/size) 3=162/Mechanical, 2=420/0-4-0, 4=104/Mechanical
 Max Horz 2=224(load case 5)
 Max Uplift 3=133(load case 5), 2=211(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=94/58
 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 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 133 lb uplift at joint 3 and 211 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L218303	Truss HJ7	Truss Type MONO TRUSS	Qty 1	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Nov 27 10 44 20 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.55	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.27	Vert(LL) 0.10 2-4 >773 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.13 2-4 >645 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 26 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 7-0-14 oc purlins
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

REACTIONS (lb/size) 3=190/Mechanical, 2=381/0-6-6, 4=109/Mechanical
Max Horz 2=168(load case 2)
Max Uplift 3=153(load case 2), 2=338(load case 2), 4=55(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/50, 2-3=-71/45
BOT CHORD 2-4=0/0

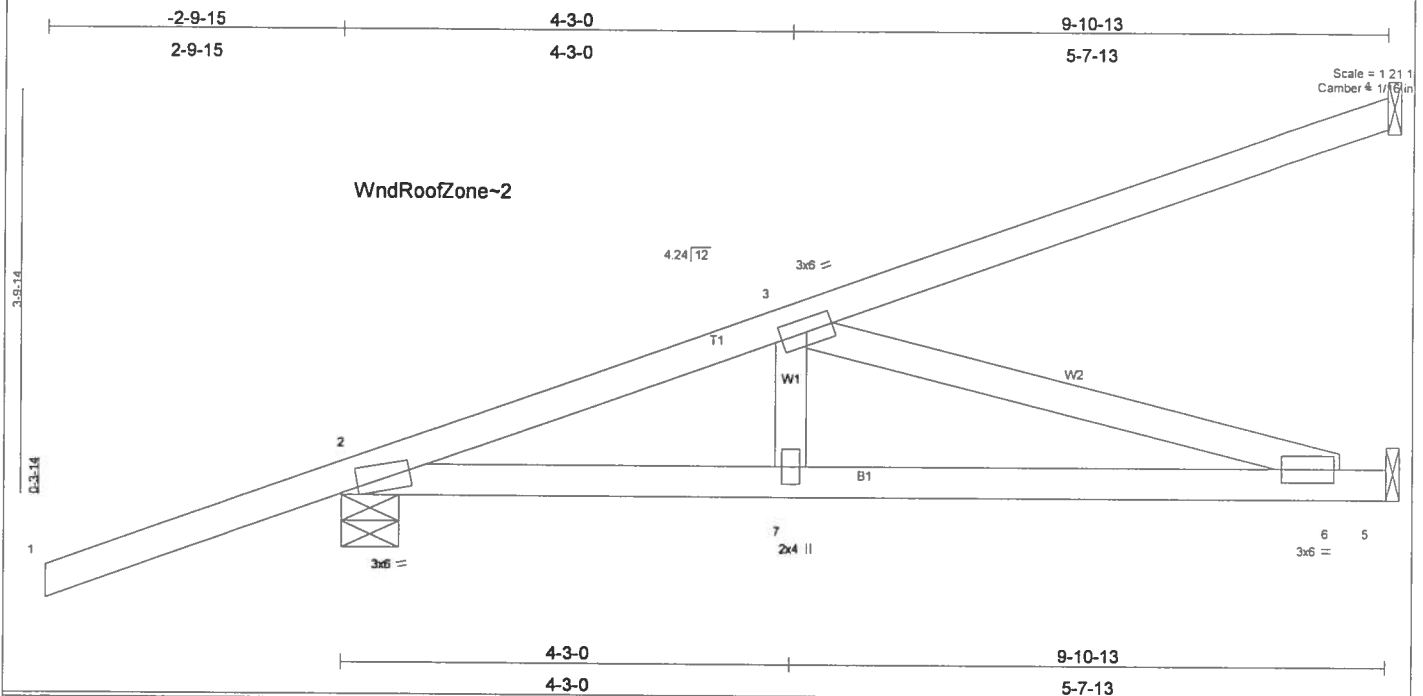
NOTES

- 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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 3, 338 lb uplift at joint 2 and 55 lb uplift at joint 4.
- 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=-95(F=-21, B=-21), 2=0(F=15, B=15)-to-4=-53(F=-12, B=-12)

Job L218303	Truss HJ9	Truss Type MONO TRUSS	Qty 5	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6,300 s Apr 19 2006 MiTek Industries, Inc. Mon Nov 27 10:44:21 2006 Page 1		



LOADING (psf)		SPACING		CSI		DEFL		PLATES	
TCLL	20.0	2-0-0		TC	0.62	in (loc)	l/defl	MT20	GRIP
TCDL	7.0	Plates Increase	1.25	BC	0.61	Vert(LL)	-0.11 6-7 >999		244/190
BCLL	10.0	Lumber Increase	1.25	WB	0.46	Vert(TL)	-0.18 6-7 >623		
BCDL	5.0	Rep Stress Incr	NO	(Matrix)		Horz(TL)	0.01 5 n/a n/a		
		Code FBC2004/TP12002						Weight: 45 lb	

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

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

REACTIONS (lb/size) 4=270/Mechanical, 2=537/0-6-6, 5=372/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)

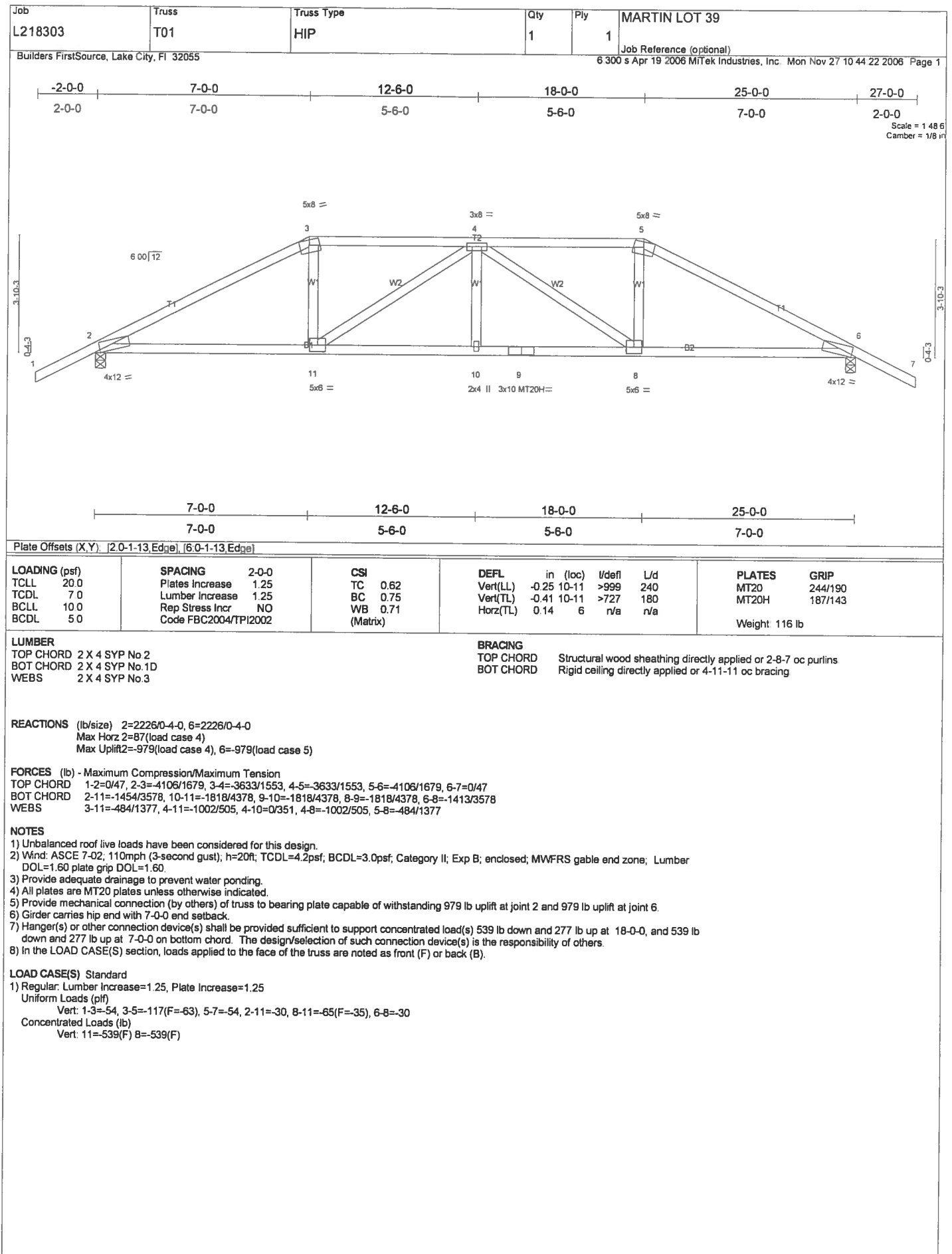
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=-876/116, 3-4=-105/66
 BOT CHORD 2-7=-304/809, 6-7=-304/809, 5-6=0/0
 WEBS 3-7=0/187, 3-6=-843/317

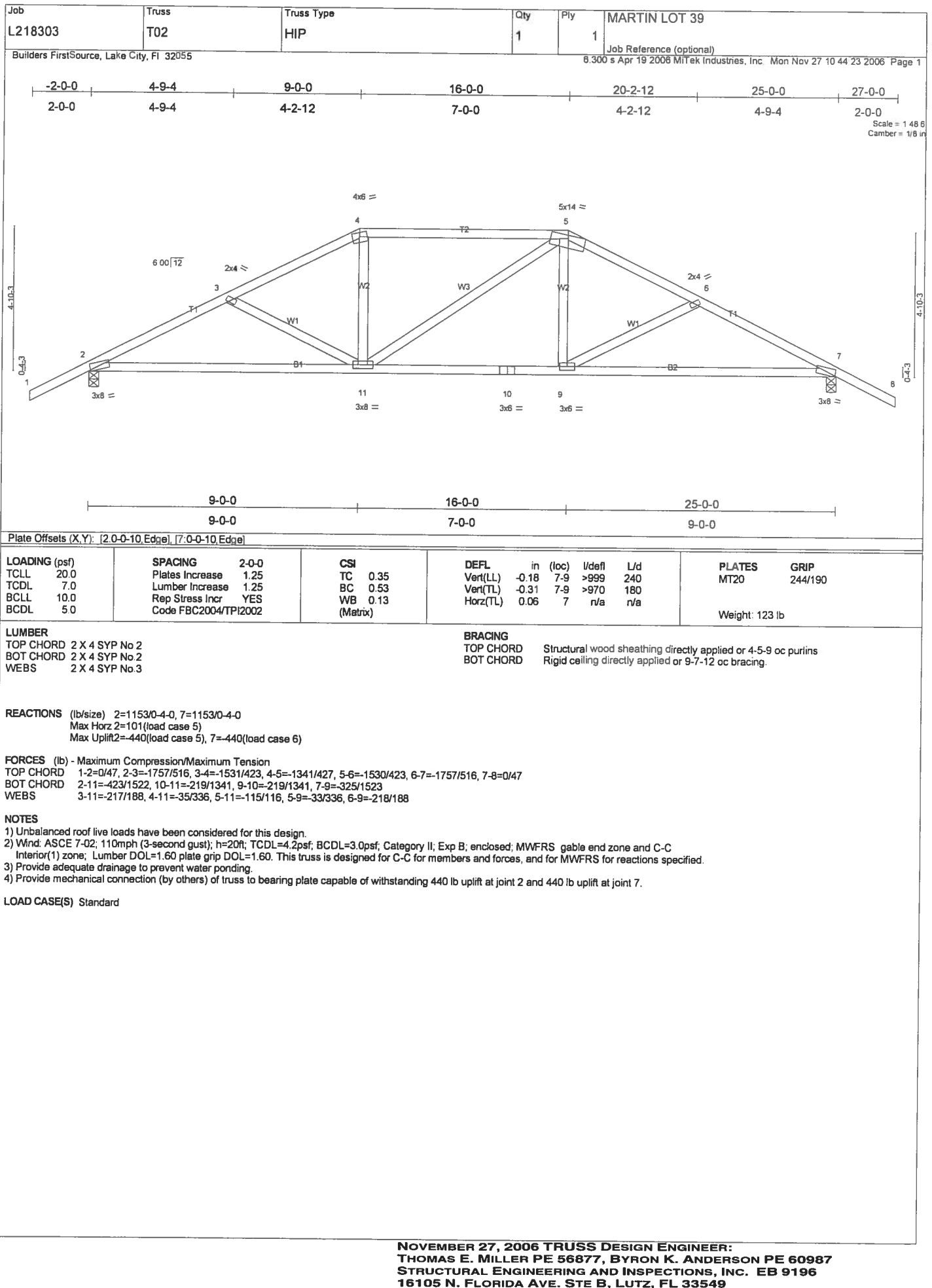
NOTES

- 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 L218303	Truss T03	Truss Type HIP	Qty 1	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 Mitak Industries, Inc. Mon Nov 27 10 44 25 2006 Page 1		

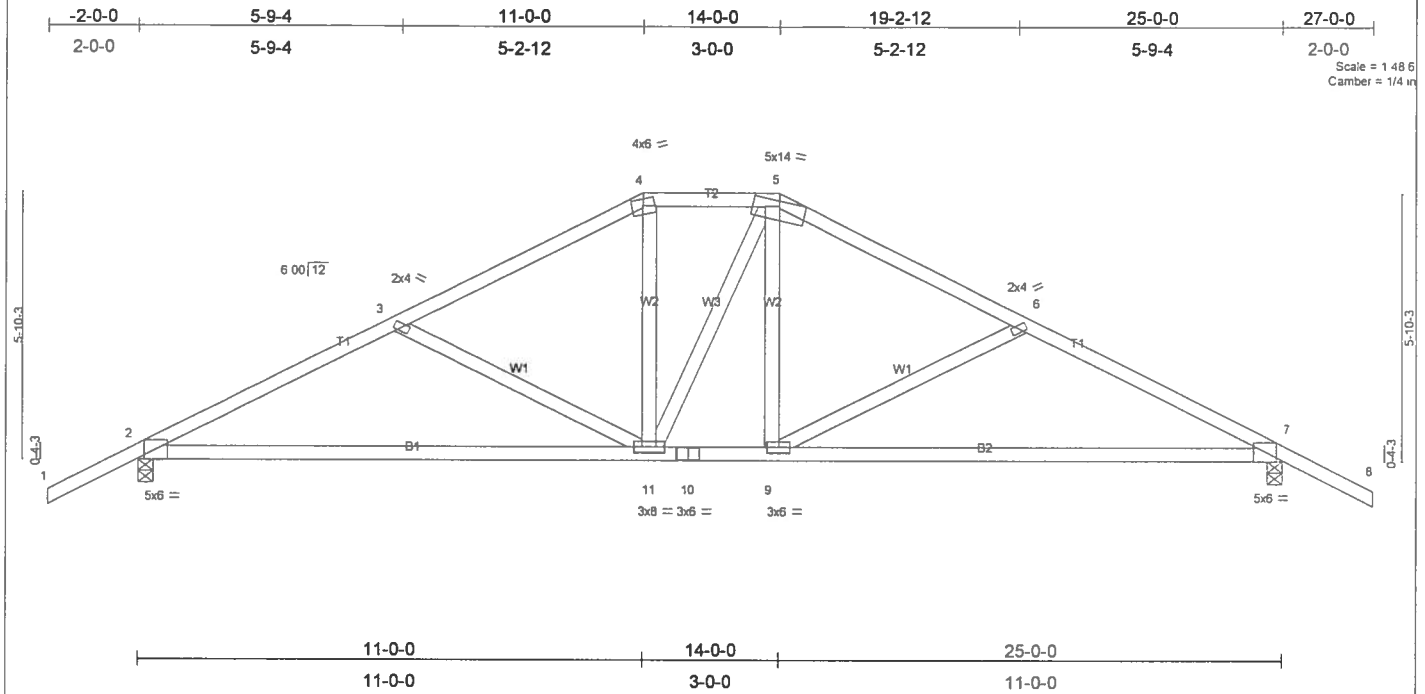


Plate Offsets (X,Y): [2.0-1-11,Edge], [7.0-1-11,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.38	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.67	Vert(LL) -0.34 7-9 >866 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.25	Vert(TL) -0.59 7-9 >502 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.06 7 n/a n/a		
	Code FBC2004/TPI2002			Weight: 127 lb	

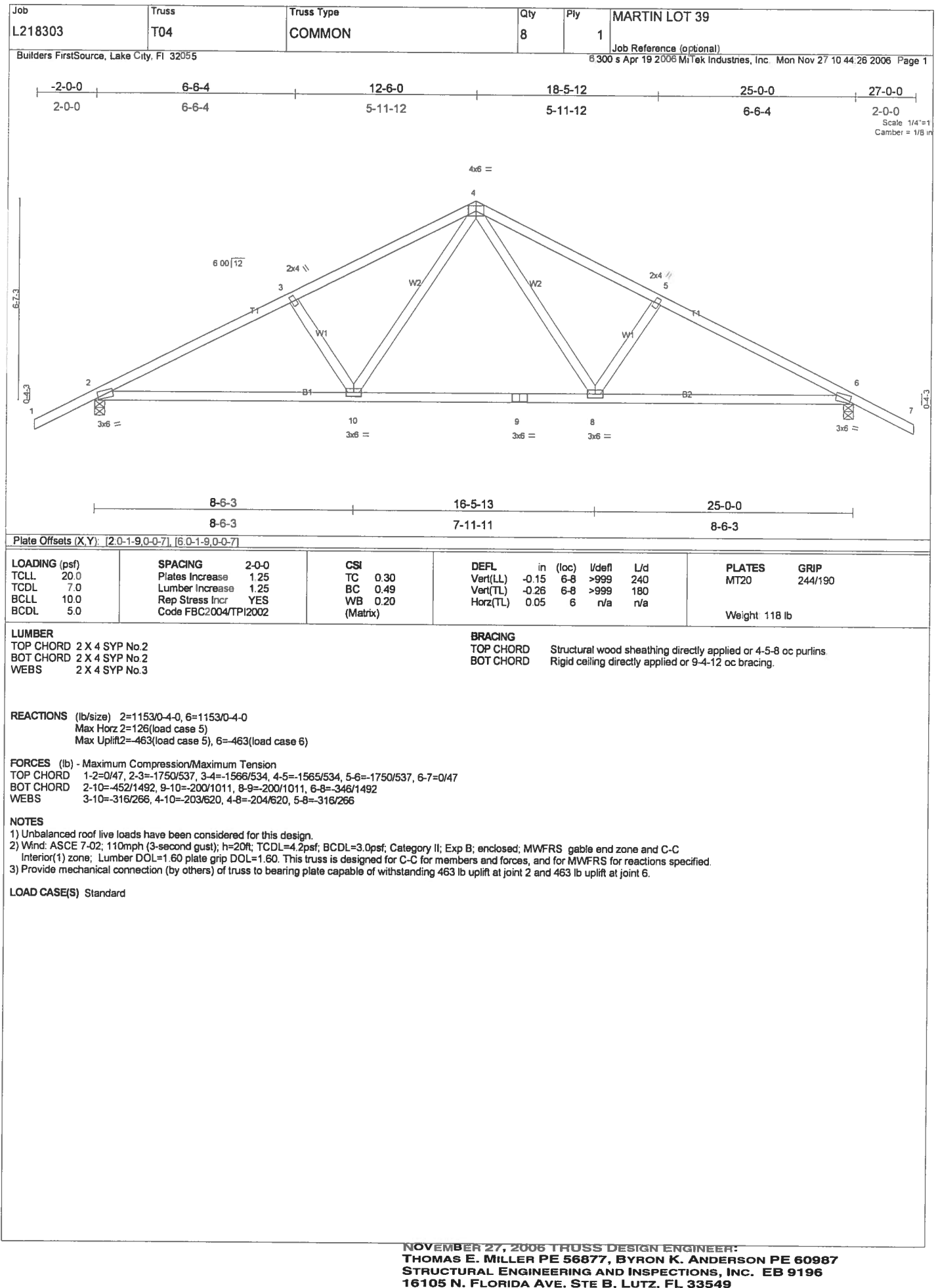
LUMBER	BRACING
TOP CHORD 2 X 4 SYP No 2	TOP CHORD Structural wood sheathing directly applied or 4-3-1 oc purlins.
BOT CHORD 2 X 4 SYP No 2	BOT CHORD Rigid ceiling directly applied or 9-3-2 oc bracing.
WEBS 2 X 4 SYP No 3	

REACTIONS (lb/size) 2=1153/0-4-0, 7=1153/0-4-0
 Max Horz 2=115(load case 5)
 Max Uplift 2=-454(load case 5), 7=-454(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1709/546, 3-4=-1374/406, 4-5=-1172/415, 5-6=-1373/406, 6-7=-1709/546, 7-8=0/47
 BOT CHORD 2-11=-456/1487, 10-11=-189/1171, 9-10=-189/1171, 7-9=-349/1487
 WEBS 3-11=-367/274, 4-11=-92/382, 5-11=-127/132, 5-9=-77/375, 6-9=-368/274

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 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.
 3) Provide adequate drainage to prevent water ponding.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 454 lb uplift at joint 2 and 454 lb uplift at joint 7.

LOAD CASE(S) Standard



Job L218303	Truss T05	Truss Type MONO HIP	Qty 1	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 Mitek Industries, Inc. Mon Nov 27 10 44 27 2006 Page 1		

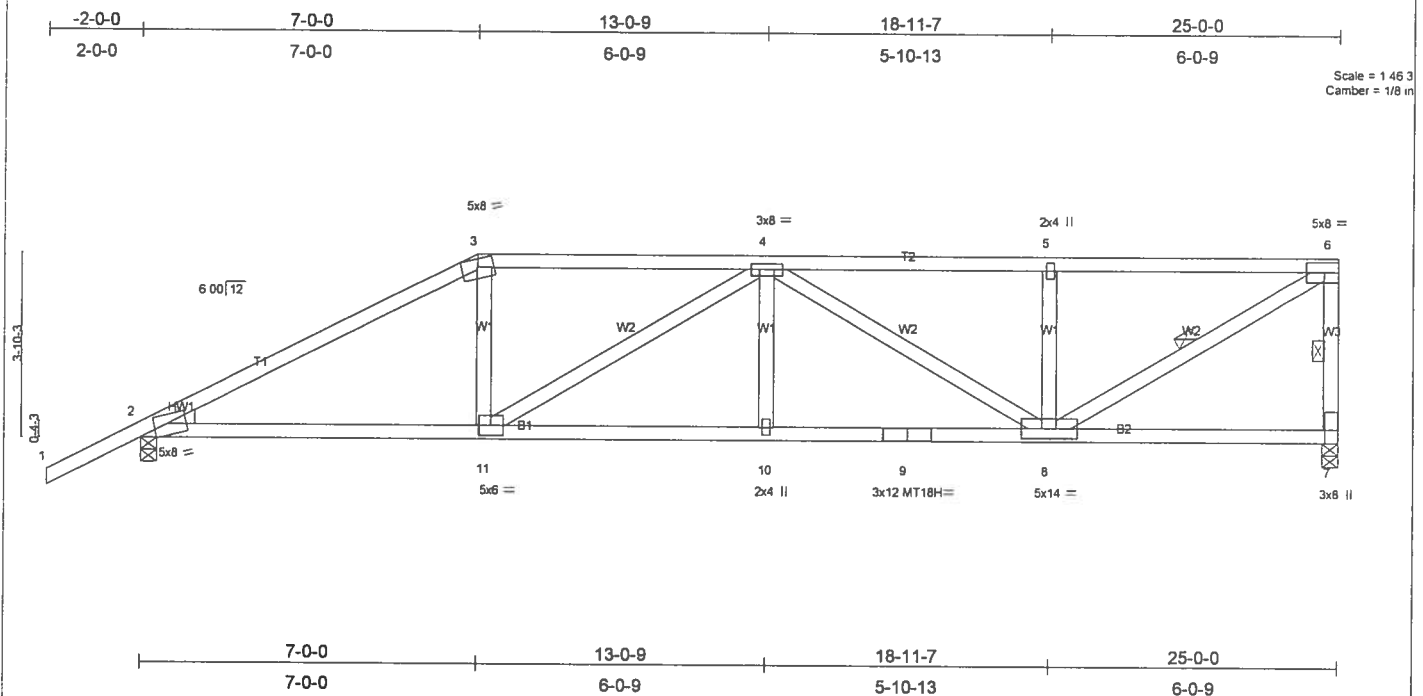


Plate Offsets (X,Y): [2-0-3-13-Edge]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	PLATES
TCLL 20.0	Plates Increase	1.25	TC 0.61	in (loc) l/defl L/d	GRIP
TCDL 7.0	Lumber Increase	1.25	BC 0.78	Vert(LL) -0.25 10-11 >999 240	MT20 244/190
BCLL 10.0	Rep Stress Incr	NO	WB 0.95	Vert(TL) -0.41 10-11 >725 180	MT18H 244/190
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)	Horz(TL) 0.11 7 n/a n/a	Weight: 128 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 2-8-9 oc purlins, except end verticals
BOT CHORD 2 X 4 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 4-10-5 oc bracing.
WEBS 2 X 4 SYP No.2 *Except*	WEBS 1 Row at midpt 6-7, 6-8
W1 2 X 4 SYP No.3, W1 2 X 4 SYP No.3, W1 2 X 4 SYP No.3	
WEDGE	
Left: 2 X 4 SYP No.3	

REACTIONS (lb/size) 7=2300/0-4-0, 2=2175/0-4-0
 Max Horz 2=227(load case 4)
 Max Uplift 7=-1034(load case 3), 2=-943(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-4007/1685, 3-4=-3544/1559, 4-5=-3064/1374, 5-6=-3064/1374, 6-7=-2101/1055
 BOT CHORD 2-11=-1542/3492, 10-11=-1894/4212, 9-10=-1894/4212, 8-9=-1894/4212, 7-8=-62/132
 WEBS 3-11=-433/1252, 4-11=-781/455, 4-10=0/390, 4-8=-1341/607, 5-8=-699/576, 6-8=-1531/3423

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) Provide adequate drainage to prevent water ponding.
- 3) All plates are MT20 plates unless otherwise indicated.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1034 lb uplift at joint 7 and 943 lb uplift at joint 2.
- 5) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
- 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-6=-117(F=-63), 2-11=-30, 7-11=-65(F=-35)
 Concentrated Loads (lb)
 Vert: 11=-539(F)

Job L218303	Truss T06	Truss Type MONO HIP	Qty 1	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Nov 27 10:44:28 2006 Page 1		

Scale = 1/4\"/>

Plate Offsets (X,Y): [2-0-0-10,Edge]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.71	Vert(LL)	-0.16	2-10	>999	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.51	Vert(TL)	-0.28	2-10	>999		
BCCL 10.0	Rep Stress Incr	YES	WB 0.57	Horz(TL)	0.06	7	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 131 lb	

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

REACTIONS (lb/size) 7=1032/0-4-0, 2=1159/0-4-0
 Max Horz 2=272(load case 5)
 Max Uplift 7=-373(load case 4), 2=-429(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1772/489, 3-4=-1554/460, 4-5=-1365/447, 5-6=-73/26, 6-7=-196/133
 BOT CHORD 2-10=-570/1534, 9-10=-470/1309, 8-9=-470/1309, 7-8=-470/1309
 WEBS 3-10=-202/184, 4-10=0/326, 5-10=-77/92, 5-8=0/228, 5-7=-1430/514

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) Provide adequate drainage to prevent water ponding.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 373 lb uplift at joint 7 and 429 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L218303	Truss T07	Truss Type HIP	Qty 1	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Nov 27 10 44 29 2006 Page 1		

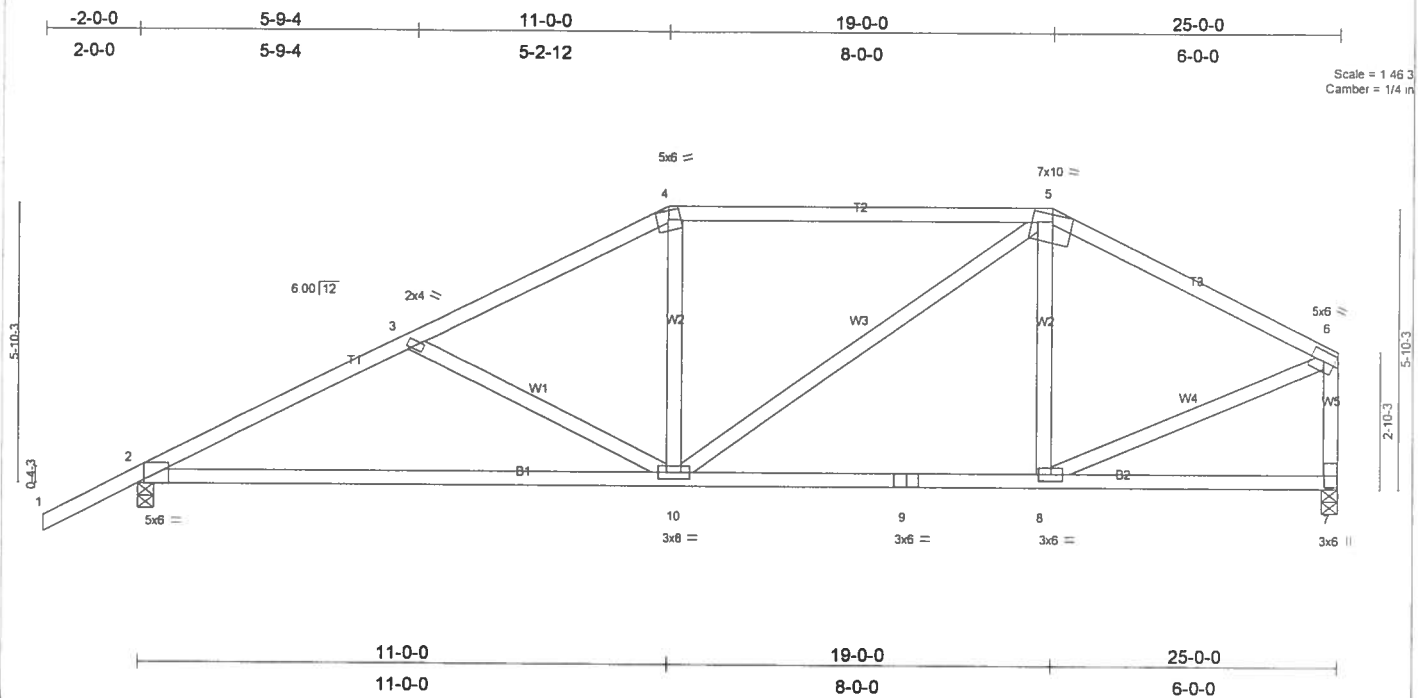


Plate Offsets (X,Y): [2-0-1-11,Edge]

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)	-0.32	2-10	>914	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.67	Vert(TL)	-0.56	2-10	>531	180		
BCCL 10.0	Rep Stress Incr	YES	WB 0.29	Horz(TL)	0.04	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
Weight: 132 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 4-2-13 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 8-4-14 oc bracing

REACTIONS

(lb/size) 2=1159/0-4-0, 7=1032/0-4-0
 Max Horz 2=224(load case 5)
 Max Uplift 2=-452(load case 5), 7=-286(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-1713/537, 3-4=-1406/406, 4-5=-1211/418, 5-6=-1063/321, 6-7=-942/299
 BOT CHORD 2-10=-555/1486, 9-10=-227/893, 8-9=-227/893, 7-8=-40/67
 WEBS 3-10=-316/259, 4-10=0/232, 5-10=-139/452, 5-8=-180/139, 6-8=-253/907

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 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.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 452 lb uplift at joint 2 and 286 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L218303	Truss T08	Truss Type HIP	Qty 2	Ply 1	MARTIN LOT 39
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Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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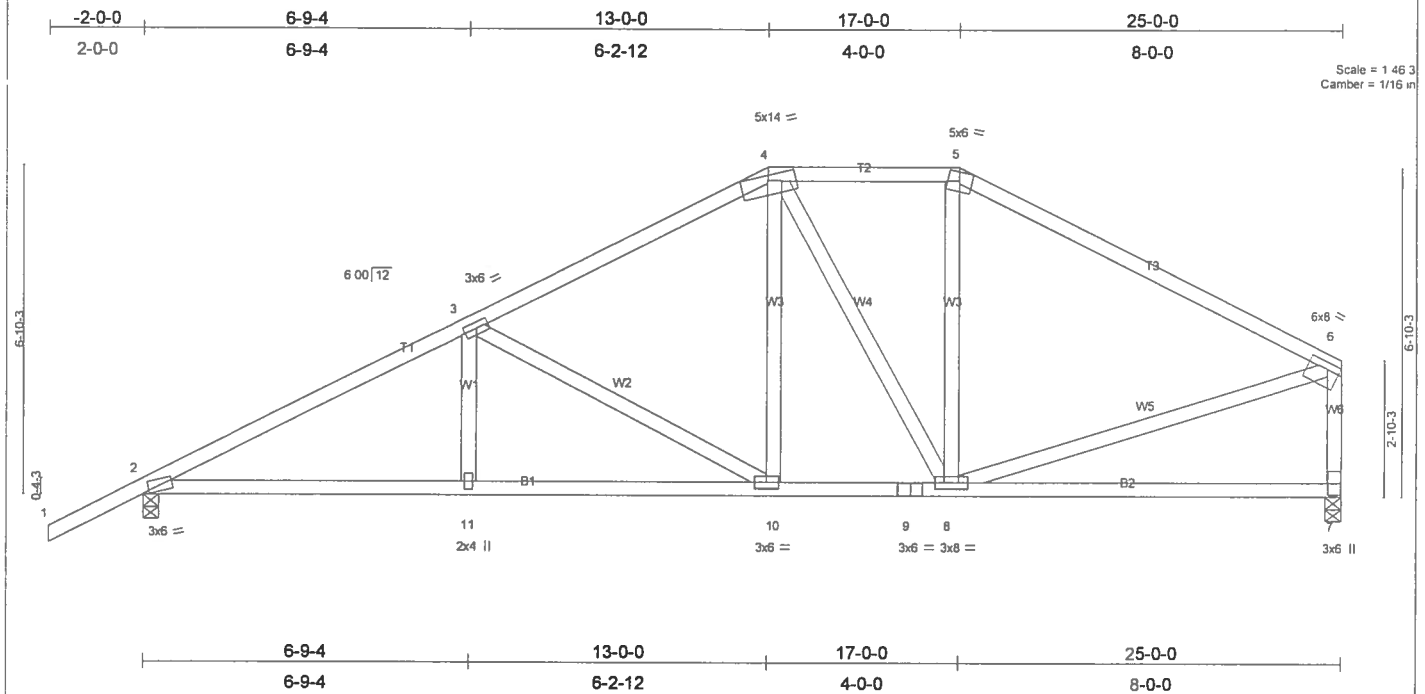


Plate Offsets (X,Y): [2.0-1-9.0-0-7], [6.Edge.0-1-12]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.98	Vert(LL)	-0.10 7-8	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.42	Vert(TL)	-0.16 7-8	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.57	Horz(TL)	0.04 7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 141 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-4-15 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 8-6-2 oc bracing.

REACTIONS

(lb/size) 2=1159/0-4-0, 7=1032/0-4-0
 Max Horz 2=238(load case 5)
 Max Uplift 2=-463(load case 5), 7=-303(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-1804/524, 3-4=-1181/392, 4-5=-896/364, 5-6=-1097/337, 6-7=-903/321
 BOT CHORD 2-11=-550/1534, 10-11=-550/1534, 9-10=-283/991, 8-9=-283/991, 7-8=-84/166
 WEBS 3-11=0/223, 3-10=-628/307, 4-10=-126/422, 4-8=-293/116, 5-8=0/230, 6-8=-181/766

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C 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.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 463 lb uplift at joint 2 and 303 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L218303	Truss T09	Truss Type COMMON	Qty 2	Ply 1	MARTIN LOT 39
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Builders FirstSource, Lake City, FL 32055

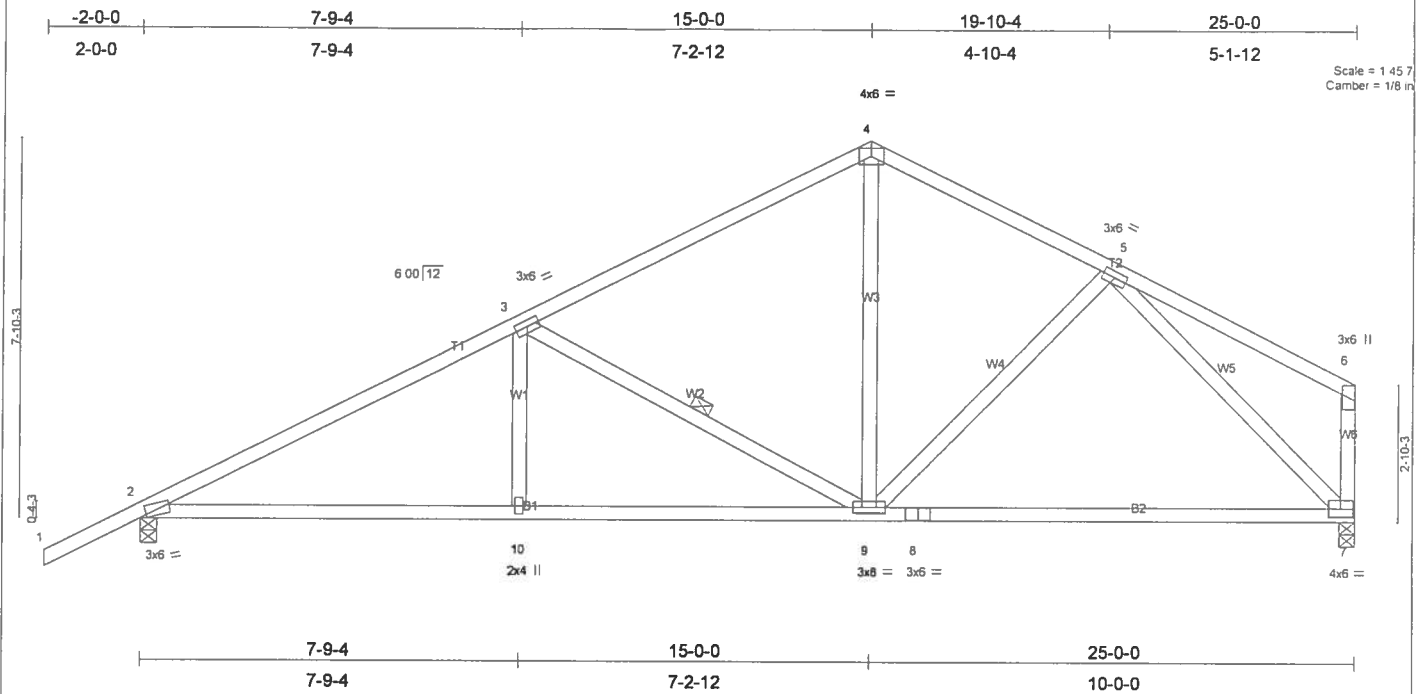
Job Reference (optional)
6 300 s Apr 19 2006 Mitek Industries, Inc. Mon Nov 27 10 44 31 2006 Page 1Scale = 1/4" = 1'-0"
Camber = 1/8" in

Plate Offsets (X,Y): [2,0-1-9,0-0-7]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.83	Vert(LL) -0.18 7-9 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.62	Vert(TL) -0.32 7-9 >933 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.81	Horz(TL) 0.05 7 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
				Weight: 134 lb	

LUMBER

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

BRACING

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

REACTIONS

(lb/size) 2=1159/0-4-0, 7=1032/0-4-0
 Max Horz 2=252(load case 5)
 Max Uplift 2=-472(load case 5), 7=-317(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

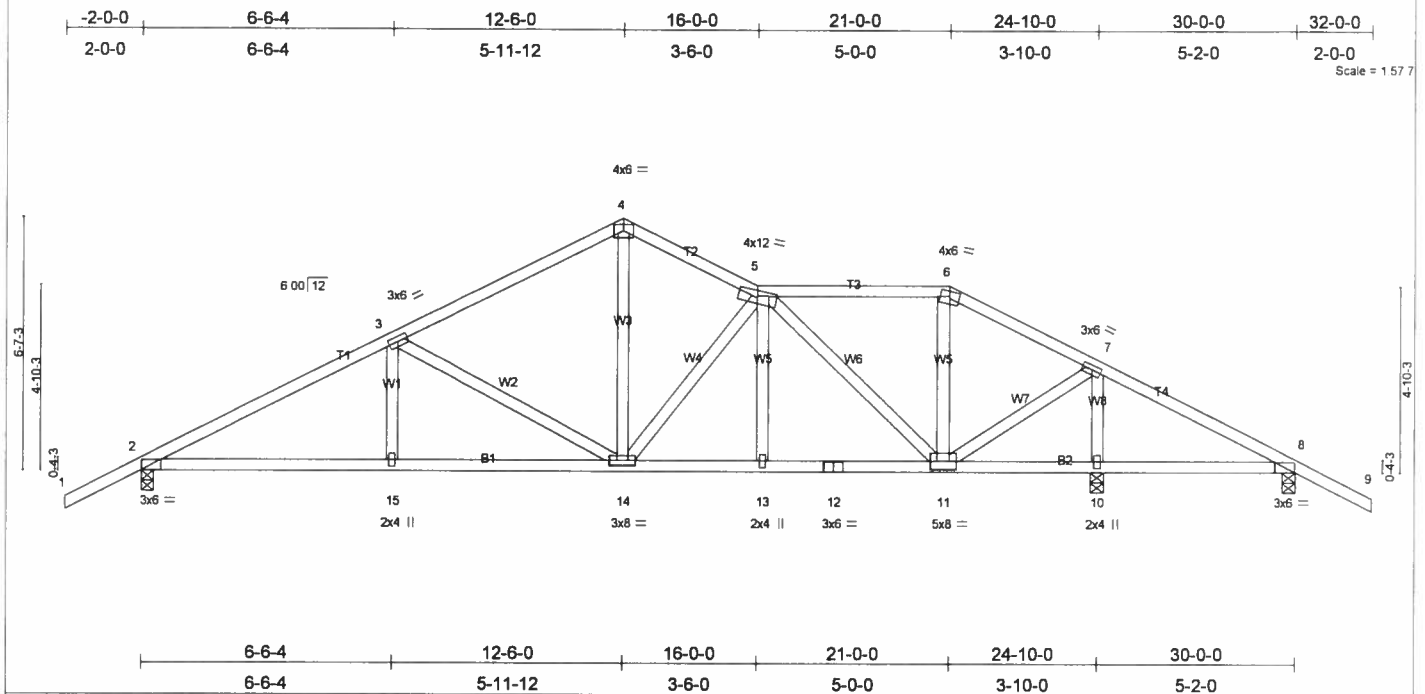
TOP CHORD 1-2=0/47, 2-3=-1745/530, 3-4=-1052/368, 4-5=-1009/393, 5-6=-213/81, 6-7=-209/118
 BOT CHORD 2-10=-559/1476, 9-10=-559/1476, 8-9=-240/784, 7-8=-240/784
 WEBS 3-10=0/233, 3-9=-714/370, 4-9=-138/522, 5-9=-15/206, 5-7=-935/338

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 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.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 472 lb uplift at joint 2 and 317 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L218303	Truss T11	Truss Type SPECIAL	Qty 1	Ply 1	MARTIN LOT 39 Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.300 s Apr 19 2006 Mitek Industries, Inc. Mon Nov 27 10:44:34 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 0.38	Vert(LL) -0.09 14-15 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.60	Vert(TL) -0.14 14-15 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 10 n/a n/a		
	Code FBC2004/TPI2002				
				Weight: 164 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 4-7-6 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing

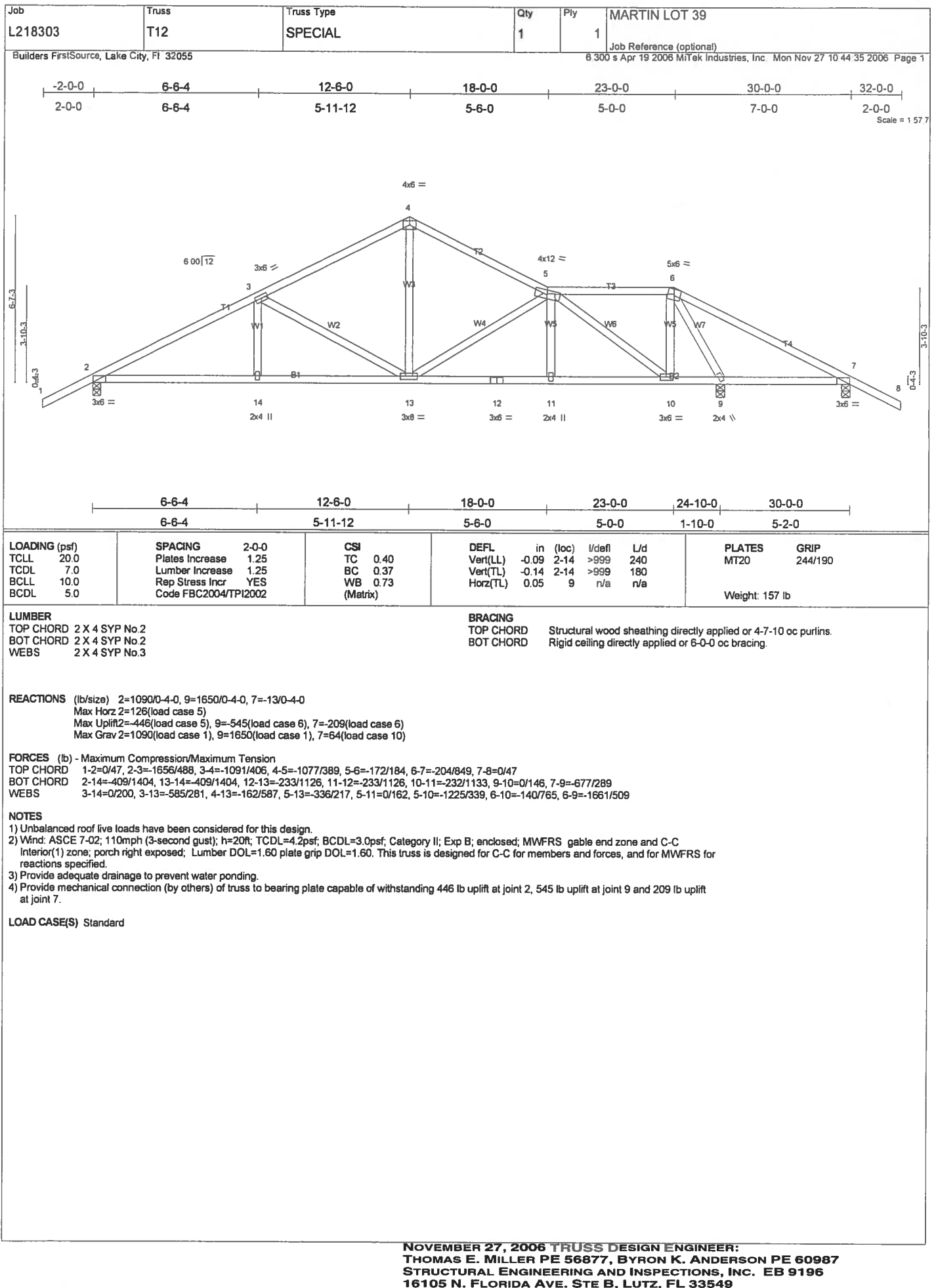
REACTIONS (lb/size) 2=1096/0-4-0, 10=1582/0-4-0, 8=48/0-4-0
 Max Horz 2=126(load case 5)
 Max Uplift 2=-447(load case 5), 10=-529(load case 6), 8=-225(load case 6)
 Max Grav 2=1096(load case 1), 10=1582(load case 1), 8=117(load case 10)

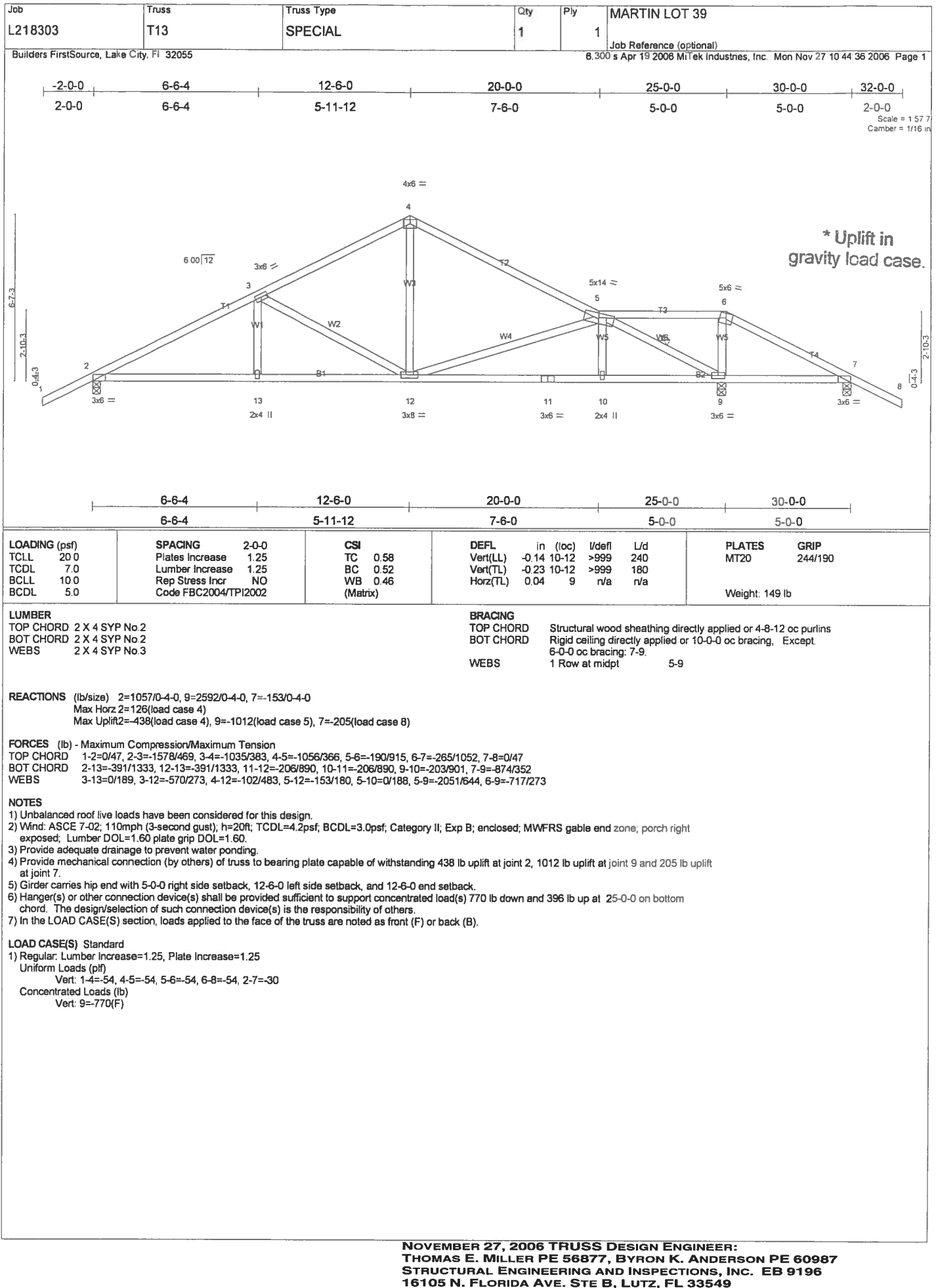
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1675/491, 3-4=-1098/406, 4-5=-1055/406, 5-6=-500/285, 6-7=-607/280, 7-8=-157/640, 8-9=0/47
 BOT CHORD 2-15=-412/1422, 14-15=-412/1422, 13-14=-210/1086, 12-13=-209/1090, 11-12=-209/1090, 10-11=-511/216, 8-10=-511/216
 WEBS 3-15=0/206, 3-14=-590/285, 4-14=-219/651, 5-14=-350/206, 5-13=0/116, 5-11=-808/249, 6-11=-6/82, 7-11=-276/1211, 7-10=-1426/486

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 Interior(1) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 447 lb uplift at joint 2, 529 lb uplift at joint 10 and 225 lb uplift at joint 8.

LOAD CASE(S) Standard





Job L218303	Truss T14	Truss Type HIP	Qty 1	Ply 1	MARTIN LOT 39
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Nov 27 10:44:37 2006 Page 1		

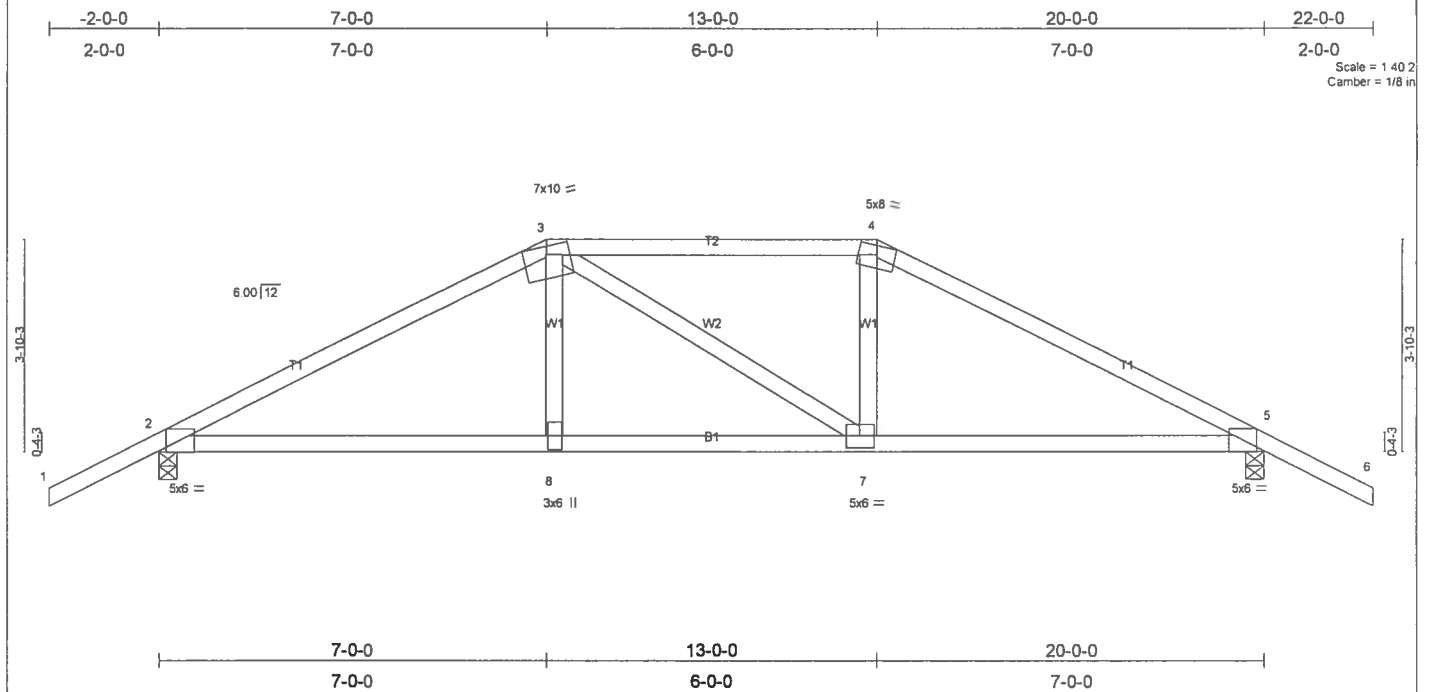


Plate Offsets (X,Y): [2-0-1-11,Edge], [5-0-1-11,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.58	Vert(LL) -0.17	7-8	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.73	Vert(TL) -0.27	7-8	>876	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.29	Horz(TL) 0.09	5	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 88 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 3-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-10 oc bracing.

REACTIONS (lb/size) 2=1771/0-4-0, 5=1771/0-4-0
Max Horz 2=87(load case 4)
Max Uplift 2=-806(load case 4), 5=-806(load case 5)

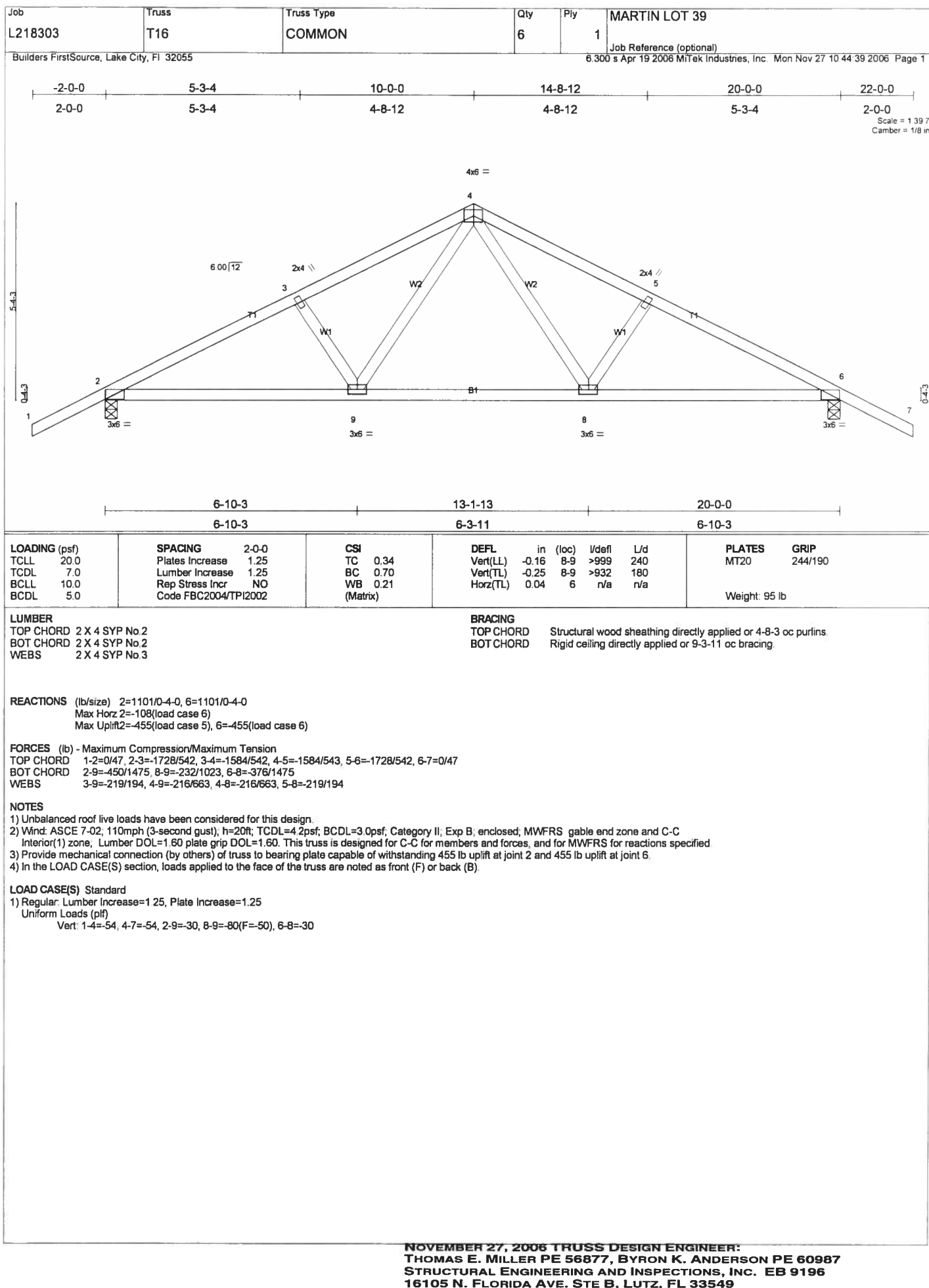
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3132/1267, 3-4=-2753/1206, 4-5=-3134/1267, 5-6=0/47
BOT CHORD 2-8=-1068/2717, 7-8=-1077/2751, 5-7=-1027/2718
WEBS 3-8=-220/848, 3-7=-122/126, 4-7=-241/899

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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 806 lb uplift at joint 2 and 806 lb uplift at joint 5.
- 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 13'-0-0, 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).

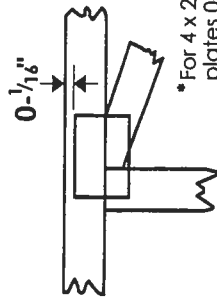
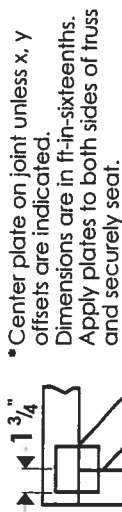
LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-117(F=-63), 4-6=-54, 2-8=-30, 7-8=-65(F=-35), 5-7=-30
Concentrated Loads (lb)
Vert: 8=-539(F) 7=-539(F)



Symbols

PLATE LOCATION AND ORIENTATION



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

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

PLATE SIZE

4 X 4

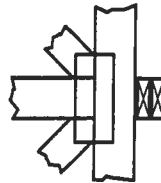
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING



Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

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

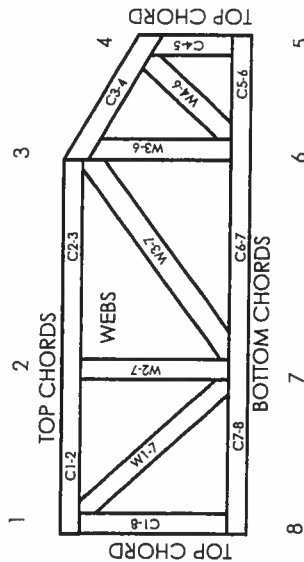


General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

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, 96048, 9511, 9432A



Mitek Engineering Reference Sheet: MII-7473

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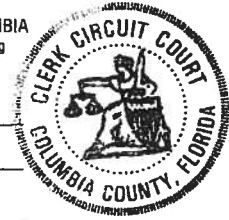
Permit # 25419

THIS INSTRUMENT PREPARED BY
& RETURN TO:
Columbia Bank
173 NW Hillsboro Street
Lake City, FL 32055

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office
P. DeWITT CASON, CLERK OF COURTS

By Laron Feagle
Deputy Clerk

Date 02-21-2007



Inst:2007004202 Date:02/21/2007 Time:11:21

D. S. DC, P. DeWitt Cason, Columbia County B:1111 P:1141

NOTICE OF COMMENCEMENT

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

1. Description of Property: Lot 39, Cannon Creek Place Subdivision according to the Tax Parcel # 24-45-16-03114-139 of the Public Records of Columbia County, Florida.
2. General Description of Improvements: Construction of a single family dwelling.
3. Owner Information: Cypress Homes & Land LLC
400 SW Ainsley Glen
Lake City, FL 32024
Phone: 386-867-5633
- Owner's Interest in Property: Fee Simple
4. Contractor: Rob Stewart, LC
507 W Duval Street
Lake City, FL 32024 32055
Phone 386
5. Lender: Columbia Bank
173 NW Hillsboro Street
Lake City, FL 32055
6. Additional persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
7. Expiration date of Notice of Commencement is one (1) year from the date of recording.

Cypress Homes & Land LLC

Timothy J. Carrender

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 20th day of February, 2007 by Timothy J. Carrender



NOTARY PUBLIC

Name: Janice Elaine Gonzalez

State of Florida at Large (SEAL)

Personally Known:

Produced Identification:

Type:

My Commission Expires:

(NOC)

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 12-15-06

Lot # 39 Cannon Creek Place

(Address of Treatment or Lot/Block of Treatment)

Lake City

City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1816.1

(Information to be provided to local building code offices prior to concrete foundation installation.)

Notice of Treatment

12448

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

Address: 536 SE BAYA DR.

City Lake City

Phone (386) 752-1703

Site Location: Subdivision

Cannon Creek Place

Lot # 39 Block#

Permit # 25419

Address 353 SW Gerald Connor Dr Lake City

Product used

Active Ingredient

% Concentration

☐ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☒ Bora Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment:

☐ Soil

☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>MAIN BODY</u>	<u>3415</u>	<u>208</u>	<u>4.0</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

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

04-02-07

Date

1:00

Time

R. J. Rautors

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 24-4S-16-03114-139

Building permit No. 000025419

Use Classification SFD, UTILITY

Fire: 27.90

Permit Holder ROB STEWART

Waste: 83.75

Owner of Building CYPRESS HOMES & LAND

Total: 111.65

Location: 353 SW GERALD CONNER DR, CANNON CREEK PL L-39

Date: 05/16/2007



[Signature]
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)