DATE 07/30/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027221

APPLICANT PATRICK WILSON PHONE 904.296.1490

ADDRESS 6800 SOUTHPOINT PKWY. #300 JACKSONVILLE FL 32216

OWNER MARONDA HOMES INC. OF FLORIDA. PHONE 904.296.1490

ADDRESS 302 SW TIMBER RIDGE DRIVE LAKE CITY FL 32024

CONTRACTOR THEODORE C.BROCK PHONE 407.227.3504

LOCATION OF PROPERTY 90-W TO SR. 247-S,TL TO C-252-B,TR TO TIMBER RIDGE,TL
6TH LOT ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 114400.00

HEATED FLOOR AREA 1877.00 TOTAL AREA 2288.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE x DEVELOPMENT PERMIT NO. ____

PARCEL ID 10-4S-16-02856-119 SUBDIVISION TIMBERLANDS

LOT 19 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 0.50

000001645	____	CBC1256382	Patrick Wilson	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X32'MITERED	08-0460	BLK	WR	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ELEVATION CONFIRMATION LETTER REQUIRED @ SLAB. MFE @ 97.00'.

Check # or Cash 918691

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 $ 575.00 CERTIFICATION FEE $ 11.44 SURCHARGE FEE $ 11.44

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** 697.88

INSPECTORS OFFICE ____ CLERKS OFFICE CH

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

LEGAL DESCRIPTION:

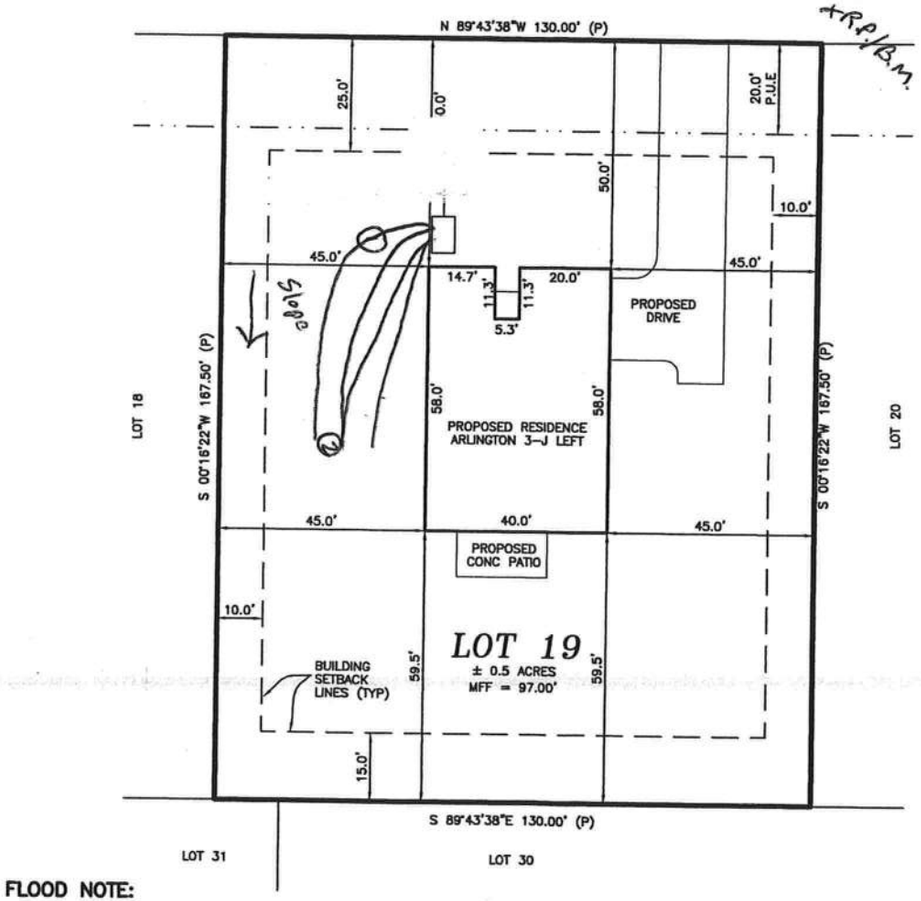
LOT NINETEEN (19) OF "TIMBERLANDS, PHASE 1" AS PER PLAT THEREOF, AS RECORDED IN PLAT BOOK '9', PAGE 27 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

PROPOSED BUILDING LAYOUT

IN SECTION 10, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

S.W. TIMBER RIDGE DRIVE

60' RIGHT-OF-WAY



30 0 30 60 90

1" = 30'

CERTIFIED TO:

1) MARONDA HOMES

BUILDING SETBACK NOTE:

BUILDING SETBACK INFORMATION FOR "TIMBERLANDS" IS AS FOLLOWS: FRONT 25', REAR 15', SIDE 10'

LEGEND:

- ● = FOUND 1/2" REBAR NO IDENTIFICATION
- ⊙ = FOUND 1/2" REBAR & CAP L.B. 6894
- ○ = SET 1/2" REBAR & CAP L.B. 6894
- ⊛ = FOUND 3/4" IRON PIPE
- ■ = FOUND 4" X 4" CONC. MON. NO IDENTIFICATION
- □ = SET 4" X 4" CONC. MON. P.S.M. 5582
- ⊠ = SET NAIL & DISK P.S.M. 5582
- ✕ = FOUND NAIL & DISK
- ⊠ = FOUND 6" X 6" S.R.D. R/W MON.
- ⊟ = CATV RISER
- ⊡ = TELEPHONE PEDESTAL
- ⌀ = WOOD POWER POLE

ABBREVIATIONS:

A/C = AIR CONDITIONER
ASPH = ASPHALT
C = CALCULATED FROM MEASURED
CATV = CABLE TELEVISION
C/B = CONCRETE BLOCK
CLF = CHAIN LINK FENCE
CM = CONCRETE MONUMENT
CONC = CONCRETE
ELEC = ELECTRIC
ELEV = ELEVATION
FND = FOUND
FNC = FENCE
LB = LICENSED SURVEYOR BUSINESS
(M) = FIELD MEASURED
MFF = MINIMUM FINISHED FLOOR
MH = MANHOLE
O.U. = OVERHEAD UTILITIES
P = PLAT
PB = PLAT BOOK
P.U.E. = PUBLIC UTILITIES EASEMENT
TRANS = TRANSFORMER
TYP = TYPICAL
WM = WATER METER
WV = WATER VALVE

SURVEYOR NOTES:

1) TO THE BEST OF MY KNOWLEDGE, THERE ARE NO ENCROACHMENTS, BOUNDARY LINE DISPUTES, EASEMENTS, OR CLAIMS OF EASEMENTS, OTHER THAN ARE DEPICTED ON THIS DRAWING.
2) ALL UTILITIES AND OR IMPROVEMENTS, IF ANY, MAY NOT BE SHOWN ON THIS DRAWING.
3) IN THE OPINION OF THIS SURVEYOR THE BOUNDARY SHOWN HEREON BEST REPRESENTS THE LOCATION OF THE SUBJECT PROPERTY IN RELATION TO THE DESCRIPTION AND THOSE PROPERTY CORNERS FOUND TO BE ACCEPTABLE TO THIS SURVEYOR.
4) BUILDING SETBACK LINES DEPICTED HEREON ARE SHOWN AS PER THE RECORD PLAT, BUT ARE SUBJECT TO CHANGE. PRIOR TO ANY NEW CONSTRUCTION, THE APPROPRIATE GOVERNING AUTHORITY SHOULD BE CONTACTED FOR THE CURRENT SETBACK REQUIREMENTS.
5) THIS MAP OF SURVEY REFLECTS CONDITIONS LOCATED AS OF THE DATE OF FIELD WORK COMPLETION (SEE TITLE BLOCK).
6) AREAS OF ENVIRONMENTAL CONCERN HAVE NOT BEEN LOCATED BY THIS SURVEYOR, UNLESS OTHERWISE DEPICTED HEREON.

FLOOD NOTE:

IN THE OPINION OF THIS SURVEYOR, ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 120070-0175-B, DATED 1-6-88, THIS PROPERTY IS IN FLOOD ZONE "X" WHICH IS AN AREA DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN, AS SCALED FROM SAID MAP. INFORMATION FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAPS, SHOWN ON THIS MAP, WAS CURRENT AS OF THE REFERENCED DATE. MAP REVISIONS AND AMENDMENTS ARE PERIODICALLY MADE BY LETTER AND MAY NOT BE REFLECTED ON THE MOST CURRENT MAP.

TITLE NOTE:

THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH. THIS SURVEYOR HAS NOT PERFORMED A SEARCH OF THE PUBLIC RECORDS ON THIS PARCEL FOR ANY CLAIMS OF TITLE, EASEMENTS, OR RESTRICTIONS THAT MAY EFFECT THIS PARCEL. THE PRESENCE OR ABSENCE OF ANY SUCH CLAIMS ARE NOT CERTIFIED HEREON.

THIS IS NOT A BOUNDARY SURVEY

CERTIFICATE OF SURVEYOR:

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO THIS MAP BY ANYONE OTHER THAN THIS SURVEYOR IS PROHIBITED.

I HEREBY CERTIFY THAT THE SURVEY DATA SHOWN HEREON, IS A TRUE AND CORRECT REPRESENTATION OF A SURVEY PERFORMED UNDER MY SUPERVISION OF THE HEREON DESCRIBED PROPERTY, AND IT MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, AND CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BY: _____
JAMES E. BRINKMAN, PSM - FLA. CERT# 5582
DATE: 6/17/08

BRINKMAN SURVEYING & MAPPING INC.
4607 NW 6th STREET SUITE C, GAINESVILLE, FL. 32609
PHONE: (352) 374-7707 FAX: (352) 374-8757

SCALE: 1" = 30'	"THE BENCHMARK IN QUALITY SERVICE"	DRAWN BY: ZL
DATE: 6/12/08		CHECKED BY: J.B.
FIELD WORK COMPLETED ON **** FIELDBOOK **, PAGE **		
PREPARED FOR: MARONDA		DRAWING NUMBER 126-08

Columbia County Building Permit Application

For Office Use Only Application # 0807-06 Date Received 7/2 By JW Permit # 27221/1645

Zoning Official BLK Date 14.07.08 Flood Zone X FEMA Map # N/A Zoning RSF-2

Land Use Res Low Den Elevation N/A MFE 97.0 ft River N/A Plans Examiner (JR) Date 7/10/08

Comments Elevation Confirmation Letter Reqwd at Slab

NOC EH Deed or PA Site Plan State Road Info Parent Parcel #

Dev Permit # In Floodway Letter of Authorization from Contractor

Unincorporated area Incorporated area Town of Fort White Town of Fort White Compliance letter

Septic Permit No. 08-0460 Fax (904)-332-6367

Name Authorized Person Signing Permit Theodore C. Brock/Patrick Wilson Phone (904)-296-1490

Address 6800 Southpoint Pkwy. #300 Jacksonville, FL 32216

Owners Name Maronda Homes Inc. of Florida Phone (904)-296-1490

911 Address 302 SW Timber Ridge Dr Lake City, Fl, 32024

Contractors Name Theodore C. Brock Phone (407)-227-3504

Address 6800 Southpoint Pkwy. #300 Jacksonville, FL 32216

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Tomas Ponce 4005 Maronda Way Sanford, FL 32771

Mortgage Lenders Name & Address Bank of America 250 Park Ave. S. #400 Winter Park, FL 32789

Circle the correct power company – FL Power & Light – Clay Elec. – Suwannee Valley Elec. – Progress Energy

Property ID Number 10-4S-16-02856-119 Estimated Cost of Construction $84,375.00

Subdivision Name Timberlands Lot 19 Block 1 Unit Phase

Driving Directions Hwy 90, Left on 247 South; Right on 252B; Left on Timber Ridge, 6th Lot on Left.

Number of Existing Dwellings on Property 0

Construction of Residential Single Family Dwelling Total Acreage .50 Lot Size N/A

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height N/A

Actual Distance of Structure from Property Lines - Front 50.0' Side 45.0' Side 45.0' Rear 59.0'

Number of Stories 1 Heated Floor Area 1877 Total Floor Area 2288 Roof Pitch 12/6

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.

CH# 918691 I: 9RL97 697.88

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Owners Signature Theodore C. Brock

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Contractor's Signature (Permitee) Theodore C. Brock

Contractor's License Number CBC1251038Z

Columbia County Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 10 **day of** June **20** 08.

Personally known XXX **or Produced Identification**

Melissa L McKague

State of Florida Notary Signature (For the Contractor) Melissa L. McKague

SEAL:

Notary Public State of Florida
Melissa L McKague
My Commission DD493647
Expires 11/22/2009

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OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Owners Signature Steve Hogg

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Contractor's Signature (Permitee) Theodore C. Brock

Contractor's License Number CBC1256382
Columbia County Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 2 **day of** July **2008**

Personally known XXX **or Produced Identification**

Melissa L McKague

State of Florida Notary Signature (For the Contractor) Melissa L. McKague

SEAL:

Notary Public State of Florida
Melissa L McKague
My Commission DD493647
Expires 11/22/2009

Revised 11-30-07

GEO-TECH, INC.

Engineering Consultants in Geotechnical • Environmental • Construction Materials Testing

27221

FIELD DENSITY WORKSHEET

CLIENT MARONDA HOMES — DATE 5 AUG 08

Job # 9TM001 LOT # 19 — PROJECT NO.

PROJECT NAME TIMBER RIDGE LAKE CITY — PERMIT NO. H07221

EARTH CONTRACTOR 302 SW TIMBER RIDGE DR. — TESTED BY JHL

COMPACTION REQUIREMENT (%) 95% ☐ Standard Proctor ☑ Modified Proctor — PATRICK FIELD CONTACT

TOTAL ON-SITE TIME — MILES FROM OFFICE

☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☑ Building Pad ☑ Building Footing ☐ Other

TEST LOCATION	LAB PROCTOR DENS.	LAB PROCTOR OMC	TEST DEPTH	PROBE DEPTH	% MOIST.	WET DENSITY (PCF)	DRY DENSITY (PCF)	% COMP.
CTR. of PAD	104.9	10.1	FG	ILL	3.2	107.4	104.1	99.2
CTR. of E. FTG	〃	〃	〃	〃	6.0	106.3	100.3	95.6
CTR. of W. FTG	〃	〃	〃	〃	5.7	105.7	100.0	95.3

REMARKS

* Density failed to meet minimum project requirement

** Retest indicates minimum density requirement was obtained.

( ) Client is aware of unsatisfactory test results.

2603 NW 74TH PLACE • GAINESVILLE, FLORIDA 32653 • PHONE: (352) 372-1274 • FAX: (352) 372-2721

FORM 600A-2004R EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A 19/1 TM

Project Name:	ARLINGTON 3BDR GAINESVILLE	Builder:	MARONDA HOMES
Address:	302 SW Timber Ridge Dr.	Permitting Office:	Columbia
City, State:	Lake City, FL 32615	Permit Number:	27221
Owner:	ELECTRIC	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 40.5 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 (ft²)	1877 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: 40.5 kBtu/hr
(or Single or Double DEFAULT)	7a (Sngle Default) 196.0 ft²		HSPF: 8.10
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 196.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 198.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Concrete, Int Insul, Exterior	R=4.1, 1132.0 ft²	(HR-Heat recovery, Solar	
b. Frame, Steel, Adjacent	R=13.0, 196.0 ft²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT,
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=19.0, 1985.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH(Sealed):Interior	Sup. R=6.0, 150.0 ft		
b. N/A			

Glass/Floor Area: 0.10

Total as-built points: 24401

Total base points: 24974

PASS

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

PREPARED BY: _____

DATE: Wayne Campbell 06/10/08

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

OWNER/AGENT: Melissa McCague

DATE: Melissa McCague 06/10/08

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.

GREAT SEAL OF THE STATE OF FLORIDA — IN GOD WE TRUST

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: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1877.0	18.59	6281.0	1.Single, Clear	SE	1.0	6.0	32.0	48.65	0.96	1498.0	
				2.Single, Clear	NE	1.0	8.0	40.0	33.55	0.99	1333.0	
				3.Single, Clear	NE	1.0	6.0	16.0	33.55	0.97	522.0	
				4.Single, Clear	SE	1.0	6.0	16.0	48.65	0.96	749.0	
				5.Single, Clear	SW	1.0	8.0	15.0	45.75	0.99	682.0	
				6.Single, Clear	NE	1.0	6.0	5.0	33.55	0.97	163.0	
				7.Single, Clear	NW	1.0	6.0	16.0	29.42	0.97	458.0	
				8.Single, Clear	NW	1.0	6.0	16.0	29.42	0.97	458.0	
				9.Single, Clear	NE	1.0	6.0	40.0	33.55	0.97	1305.0	
				As-Built Total:				**196.0**			**7168.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	196.0	0.70	137.2	1. Concrete, Int Insul, Exterior			4.1	1132.0	1.13		1284.8	
Exterior	1132.0	1.70	1924.4	2. Frame, Steel, Adjacent			13.0	196.0	0.90		176.4	
Base Total:	**1328.0**		**2061.6**	**As-Built Total:**				**1328.0**			**1461.2**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	17.0	2.40	40.8	1.Exterior Insulated				20.0	4.10		82.0	
Exterior	40.0	6.10	244.0	2.Adjacent Wood				17.0	2.40		40.8	
				3.Exterior Insulated				20.0	4.10		82.0	
Base Total:	**57.0**		**284.8**	**As-Built Total:**				**57.0**			**204.8**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1877.0	1.73	3247.2	1. Under Attic			19.0	1985.0	2.34 X 1.00		4644.9	
Base Total:	**1877.0**		**3247.2**	**As-Built Total:**				**1985.0**			**4644.9**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	198.0(p)	-37.0	-7326.0	1. Slab-On-Grade Edge Insulation			0.0	198.0(p	-41.20		-8157.6	
Raised	0.0	0.00	0.0									
Base Total:			**-7326.0**	**As-Built Total:**				**198.0**			**-8157.6**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1877.0	10.21	19164.2					1877.0	10.21		19164.2	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 23712.8			**Summer As-Built Points:**					**24485.5**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 40500btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
			24485	1.00	(1.08 x 1.147 x 0.86)	0.260	0.950	6482.8
23712.8	**0.3250**	**7706.7**	**24485.5**	**1.00**	**1.072**	**0.260**	**0.950**	**6482.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1877.0	20.17	6815.0	1.Single, Clear	SE	1.0	6.0	32.0	21.82	1.04	724.0	
				2.Single, Clear	NE	1.0	8.0	40.0	32.04	1.00	1279.0	
				3.Single, Clear	NE	1.0	6.0	16.0	32.04	1.00	512.0	
				4.Single, Clear	SE	1.0	6.0	16.0	21.82	1.04	362.0	
				5.Single, Clear	SW	1.0	8.0	15.0	24.09	1.01	364.0	
				6.Single, Clear	NE	1.0	6.0	5.0	32.04	1.00	160.0	
				7.Single, Clear	NW	1.0	6.0	16.0	32.93	1.00	526.0	
				8.Single, Clear	NW	1.0	6.0	16.0	32.93	1.00	526.0	
				9.Single, Clear	NE	1.0	6.0	40.0	32.04	1.00	1282.0	
				As-Built Total:				**196.0**			**5735.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	196.0	3.60	705.6	1. Concrete, Int Insul, Exterior			4.1	1132.0	6.42		7267.4	
Exterior	1132.0	3.70	4188.4	2. Frame, Steel, Adjacent			13.0	196.0	4.90		960.4	
Base Total:	**1328.0**		**4894.0**	**As-Built Total:**				**1328.0**			**8227.8**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	17.0	11.50	195.5	1.Exterior Insulated				20.0	8.40		168.0	
Exterior	40.0	12.30	492.0	2.Adjacent Wood				17.0	11.50		195.5	
				3.Exterior Insulated				20.0	8.40		168.0	
Base Total:	**57.0**		**687.5**	**As-Built Total:**				**57.0**			**531.5**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1877.0	2.05	3847.8	1. Under Attic			19.0	1985.0	2.70 X	1.00	5359.5	
Base Total:	**1877.0**		**3847.8**	**As-Built Total:**				**1985.0**			**5359.5**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	198.0(p)	8.9	1762.2	1. Slab-On-Grade Edge Insulation			0.0	198.0(p	18.80		3722.4	
Raised	0.0	0.00	0.0									
Base Total:			**1762.2**	**As-Built Total:**				**198.0**			**3722.4**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1877.0	-0.59	-1107.4					1877.0	-0.59		-1107.4	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**16899.1**	**Winter As-Built Points:**					**22468.8**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 40500 btuh ,EFF(8.1) Ducts:Unc(S),Con(R),Int(AH),R6.0					
			22468.8	1.000	(1.060 x 1.169 x 0.88)	0.421	0.950	9837.8
16899.1	**0.5540**	**9362.1**	**22468.8**	**1.00**	**1.095**	**0.421**	**0.950**	**9837.8**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2635.00	7905.0	50.0	0.90	3		1.00	2693.56	1.00	8080.7
				As-Built Total:							**8080.7**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
7707	**9362**	**7905**	**24974**	**6483**	**9838**	**8081**	**24401**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir 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* = 85.3

The higher the score, the more efficient the home.

ELECTRIC, , , ,

1.	New construction or existing	New		12. Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 40.5 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			
6.	Conditioned floor area (ft²)	1877 ft²		c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description Area		13. Heating systems	
	(or Single or Double DEFAULT) 7a.	(Sngle Default) 196.0 ft²		a. Electric Heat Pump	Cap: 40.5 kBtu/hr
b.	SHGC:				HSPF: 8.10
	(or Clear or Tint DEFAULT) 7b.	(Clear) 196.0 ft²		b. N/A	
8.	Floor types				
a.	Slab-On-Grade Edge Insulation	R=0.0, 198.0(p) ft		c. N/A	
b.	N/A				
c.	N/A			14. Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
a.	Concrete, Int Insul, Exterior	R=4.1, 1132.0 ft²			EF: 0.90
b.	Frame, Steel, Adjacent	R=13.0, 196.0 ft²		b. N/A	
c.	N/A				
d.	N/A			c. Conservation credits	
e.	N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
a.	Under Attic	R=19.0, 1985.0 ft²		15. HVAC credits	PT,
b.	N/A			(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Con. AH(Sealed):Interior	Sup. R=6.0, 150.0 ft		MZ-C-Multizone cooling,	
b.	N/A			MZ-H-Multizone heating)	

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: Melinda McGuire Date: 06/10/08

Address of New Home: 302 SW Timber Ridge Dr City/FL Zip: Lake City, FL 32025

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 EnergyStar™ 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.

Duct System Summary

Entire House

MARONDA HOMES

Job: ARLINGTON 3 BDR
Date:
By: G.CARMACK

4005 MARONDA WAY, SANFORD, FL 32771 Phone: (407) 321-0064

Project Information

For: ARLINGTON 3 BDR 13

	Heating	Cooling
External static pressure	***0.60*** in H2O	***0.60*** in H2O
Pressure losses	0.00 in H2O	0.00 in H2O
Available static pressure	0.60 in H2O	0.60 in H2O
Supply / return available pressure	0.46 / 0.14 in H2O	0.46 / 0.14 in H2O
Lowest friction rate	2.308 in/100ft	2.308 in/100ft
Actual air flow	1270 cfm	***1270*** cfm
Total effective length (TEL)	26 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
FAMILY ROOM-A	c 3235	120	120	4.615	6	x0	VlFx	10.0	0.0	st3
FAMILY ROOM	c 3235	120	120	2.308	6	x0	VlFx	20.0	0.0	st3
KITCHEN	c 2576	100	100	4.615	6	x0	VlFx	10.0	0.0	st1
MASTER TOILET	c 1591	55	55	2.308	4	x0	VlFx	20.0	0.0	st4
UTILITY	h 1814	55	55	4.615	4	x0	VlFx	10.0	0.0	st1
LIVING ROOM	c 2518	100	100	4.615	6	x0	VlFx	10.0	0.0	st3
DINING ROOM	h 3073	85	85	9.231	5	x0	VlFx	5.0	0.0	st1
MASTER BATH	h 3418	105	105	4.615	5	x0	VlFx	10.0	0.0	st4
MASTER BDR	c 3786	200	200	9.231	7	x0	VlFx	5.0	0.0	st4
BDR #2	c 2742	105	105	9.231	5	x0	VlFx	5.0	0.0	st2
BATHROOM	h 1041	60	60	4.615	4	x0	VlFx	10.0	0.0	st2
BDR #3	h 4405	175	175	3.077	7	x0	VlFx	15.0	0.0	st2

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	580	580	2.308	601	12	0 x 0	VinlFlx	
st2	Peak AVF	690	690	2.308	645	14	0 x 0	VinlFlx	
st3	Peak AVF	340	340	2.308	693	9	0 x 0	VinlFlx	st1
st4	Peak AVF	360	360	2.308	647	10	0 x 0	VinlFlx	st2

Bold/italic values have been manually overridden

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x 0	1270	1270	6.0	2.308	582	20	x0 0		VlFx	

wrightsoft the right choice

Project Summary
Entire House
MARONDA HOMES

Job: ARLINGTON 3 BDR
Date:
By: G.CARMACK

4005 MARONDA WAY, SANFORD, FL 32771 Phone: (407) 321-0064

Project Information

For: ARLINGTON 3 BDR 13

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

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

Summer Design Conditions

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

Heating Summary

Structure	27558	Btuh
Ducts	4202	Btuh
Central vent (75 cfm)	***3036***	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	34795	Btuh

Sensible Cooling Equipment Load Sizing

Structure	20692	Btuh
Ducts	9017	Btuh
Central vent (75 cfm)	***1395***	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	30171	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1877	1877
Volume (ft³)	15016	15016
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	95	50

Latent Cooling Equipment Load Sizing

Structure	3560	Btuh
Ducts	2082	Btuh
Central vent (75 cfm)	2637	Btuh
Equipment latent load	8279	Btuh
Equipment total load	38450	Btuh
Req. total capacity at 0.76 SHR	3.3	ton

Heating Equipment Summary

Make TEMPSTAR
Trade HEAT PUMP
Model N4H342AKA

Efficiency	8.1 HSPF	
Heating input		
Heating output	0	Btuh @ 47°F
Temperature rise	0	°F
Actual air flow	***0***	cfm
Air flow factor	0.000	cfm/Btuh
Static pressure	0.60	in H2O
Space thermostat		

Cooling Equipment Summary

Make TEMPSTAR
Trade HEAT PUMP
Cond N4H342AKA
Coil FSU4X4200A

Efficiency	13 SEER	
Sensible cooling	30780	Btuh
Latent cooling	9720	Btuh
Total cooling	40500	Btuh
Actual air flow	***1270***	cfm
Air flow factor	0.043	cfm/Btuh
Static pressure	0.60	in H2O
Load sensible heat ratio	0.79	

Bold/italic values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

wrightsoft the right choice

Building Analysis
Entire House
MARONDA HOMES

Job: ARLINGTON 3 BDR
Date:
By: G.CARMACK

4005 MARONDA WAY, SANFORD, FL 32771 Phone: (407) 321-0064

Project Information

For: ARLINGTON 3 BDR 13

Design Conditions

Location:
Gainesville, FL, US
Elevation: 151 ft
Latitude: 30°N

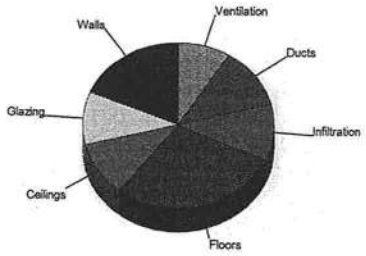
Outdoor:	**Heating**	**Cooling**
Dry bulb (°F)	33	92
Daily range (°F)	-	19 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

Indoor:	**Heating**	**Cooling**
Indoor temperature (°F)	70	75
Design TD (°F)	37	17
Relative humidity (%)	30	50
Moisture difference (gr/lb)	10.6	52.0

Infiltration:	
Method	Simplified
Construction quality	Average
Fireplaces	0

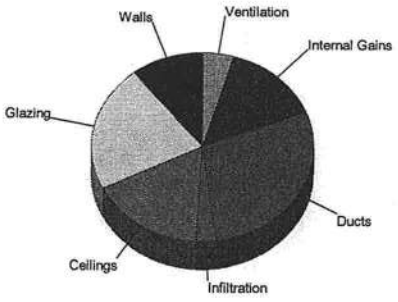
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	4.5	6482	18.6
Glazing	47.0	3618	10.4
Doors	0.0	0	0.0
Ceilings	1.8	3659	10.5
Floors	32.2	9949	28.6
Infiltration	2.5	3850	11.1
Ducts		4202	12.1
Piping		0	0.0
Humidification		0	0.0
Ventilation		3036	8.7
Adjustments		0	
Total		**34795**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	2.3	3329	10.7
Glazing	87.7	6756	21.7
Doors	0.0	0	0.0
Ceilings	2.6	5206	16.7
Floors	0.0	0	0.0
Infiltration	0.6	931	3.0
Ducts		9017	29.0
Ventilation		1395	4.5
Internal gains		4470	14.4
Blower		0	0.0
Adjustments		0	
Total		**31104**	**100.0**



Overall U-value = 0.166 Btuh/ft²-°F

WARNING: window to floor area ratio = 4.1% - less than 5%.

Inst 200812014278 Date 7/31/2008 Time 9:16 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1155 P:1862

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 10-4S-16-02856-119

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT.**

1. Description of property *(legal description)*: 19/1 Timberlands
   a) Street *(job)* Address: 302 SW Timber Ridge Dr.
2. General description of improvements: Construction of a single family dwelling
3. Owner Information
   a) Name and address: Maronda Homes Inc of FL 6800 Southpoint Pkwy #300 Jax FL 32216
   b) Name and address of fee simple titleholder (if other than owner) _____
   c) Interest in property _____
4. Contractor Information
   a) Name and address: Maronda Homes Inc of FL 6800 Southpoint Pkwy #300 Jax FL 32216
   b) Telephone No. (904) 296-1490 Fax No. (Opt.) (904) 332-6375
5. Surety Information
   a) Name and address: _____
   b) Amount of Bond: _____
   c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
   a) Name and address: _____
   b) Phone No. _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: Southern Title Holding Co LLC 3943 Baymeadows Rd Jax FL 32217
   b) Telephone No.: (904) 739-2205 Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name and address: _____
   b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**: _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. _____
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Theodore C. Brock
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 10 day of June, 20 08, by: Theodore C. Brock as V.P. of Construction **(type of authority, e.g. officer, trustee, attorney fact)** for Maronda Homes Inc of Florida **(name of party on behalf of whom instrument was executed).**

Personally Known XX OR Produced Identification _____ Type _____

Notary Signature Melissa L McKague Notary Stamp or Seal:

Notary Public State of Florida
Melissa L McKague
My Commission DD493647
Expires 11/22/2009

—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

_____
Signature of Natural Person Signing (in line #10 above.)

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001645

DATE 07/30/2008 PARCEL ID # 10-4S-16-02856-119

APPLICANT PATRICK WILSON PHONE 904.296.1490

ADDRESS 6800 SOUTHPOINT PKWY. #300 JACKSONVILLE FL 32216

OWNER MARONDA HOMES INC. OF FLORIDA PHONE 904.296.1490

ADDRESS 302 SW TIMBER RIDGE DRIVE LAKE CITY FL 32024

CONTRACTOR THEODORE C. BROCK PHONE 407.227.3504

LOCATION OF PROPERTY 90-W TO SR. 247-S,TL TO C-252-B,TR TO TIMBER RIDGE,TL

6TH LOT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TIMBERLANDS 19

SIGNATURE Patrick Wilson

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght 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

COLUMBIA COUNTY GATEWAY TO FLORIDA

STATE OF FLORIDA
DEPARTMENT OF HEALTH

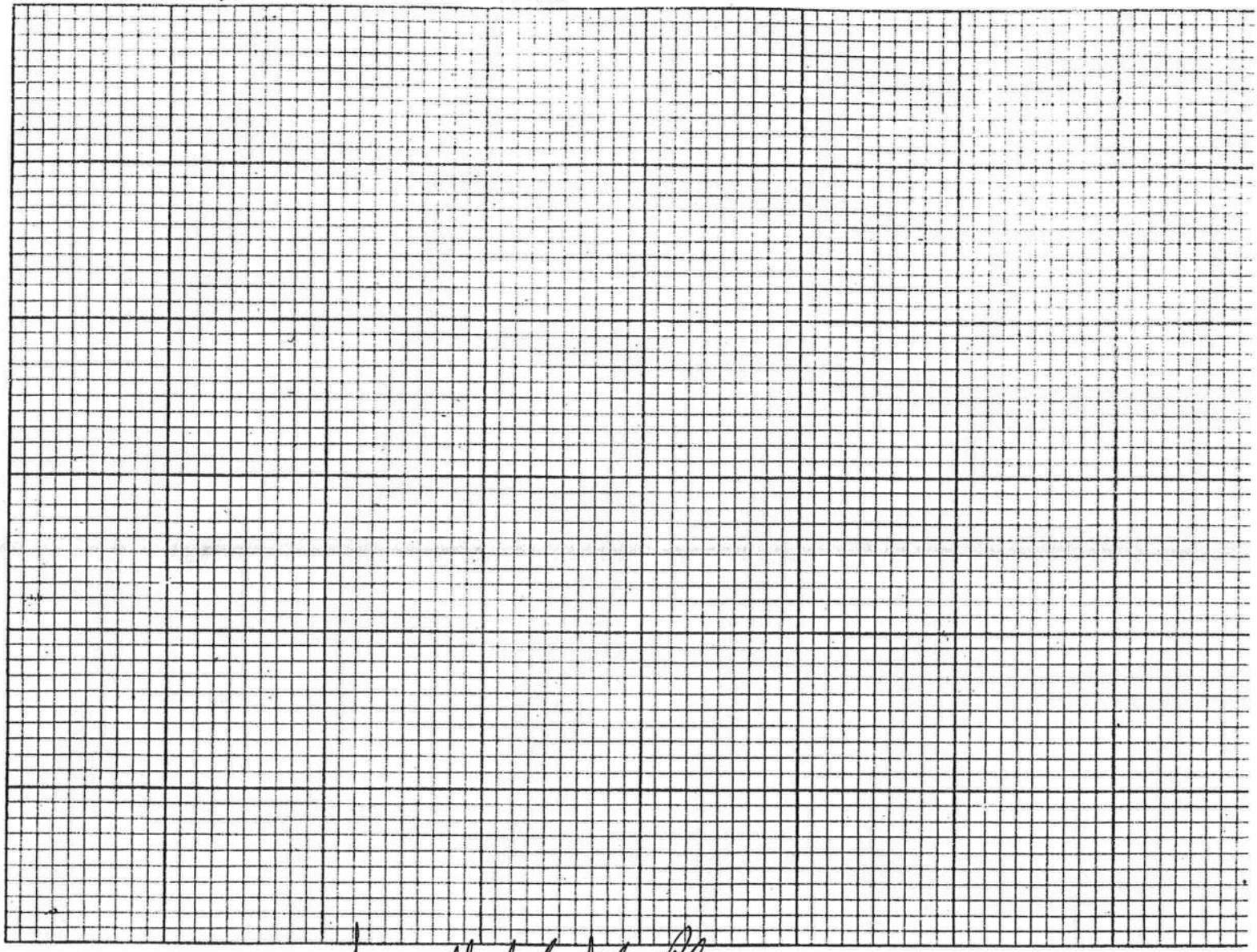
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0460

PART II - SITE PLAN

Lot 19

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



Notes: See attached Site Plan

Site Plan submitted by: [signature] Signature — Agent Title

Plan Approved X Not Approved ____ Date 4-2-08

By Sallie Ford ES II Columbia CHD County Health Departme

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

This Instrument Prepared by and Return to :
Amy Wesp
SOUTHERN TITLE HOLDING COMPANY, LLC.
3943 BAY MEADOWS ROAD
JACKSONVILLE, Florida 32217
as a necessary incident to the fulfillment of conditions contained in a title insurance commitment issued by it.

Property Appraisers Parcel I.D. (Folio) Number(s):
R02856-000
Grantee(s) I.D..#(s):
File No:**JX0812085**

Inst:200812010775 Date:6/6/2008 Time:1:05 PM
Doc Stamp-Deed:6293.00
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1151 P:2385

WARRANTY DEED
(CORPORATION)

This Warranty Deed Made this **27th day of May, 2008**, by **RML HOLDINGS INC., A FLORIDA CORPORATION**, and having its place of business at **703 NW BLACKBERRY CIRCLE, LAKE CITY, Florida 32055,** hereinafter called the grantor,

to **MARONDA HOMES, INC. OF FLORIDA , A FLORIDA CORPORATION,** whose post office address is: **11200 ST. JOHNS INDUSTRIAL PARKWAY, JACKSONVILLE, FLORIDA 32246,** hereinafter called the grantee,

WITNESSETH: That said grantor, for and in consideration of the sum of ~~$10.00~~ $899,000.00 Dollars and other valuable considerations, receipt whereof is hereby acknowledged, by these presents grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in **Columbia** County, Florida, viz:
LOTS 1, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, AND 41, OF TIMBERLANDS, PHASE 1, ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK 9, PAGE 26 AND 27 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.
To Have and to Hold, the same in fee simple forever.
And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2007, reservations, restrictions and easements of record, if any.
(Wherever used herein the terms "grantor" and "grantee" included all the parties to this instrument, and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation.)

In Witness Whereof, the Grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officers thereunto duly authorized, the day and year first above written.

Signed, sealed and delivered in our presence:

ATTEST: _____
Secretary

RML HOLDINGS INC.

Witness Signature: Worth D. Morris
Printed Name: WORTH D. MORRIS

Witness Signature: Jodym. Goble. AVP
Printed Name: Jody m. Goble

BY: _____
ROBERT R. LARDIZABAL, PRESIDENT

STATE OF **FLORIDA**
COUNTY OF **DUVAL**

The foregoing instrument was acknowledged before me this 28th day of May, 2008, by **ROBERT R. LARDIZABAL** as **PRESIDENT** of **RML HOLDINGS INC., A FLORIDA CORPORATION**, on behalf of the corporation. He/she is personally known to me or who has produced driver license(s) as identification.

My Commission Expires:

Worth D. Morris
Printed Name: WORTH D MORRIS
Notary Public
Serial Number

WORTH D. MORRIS
Notary Public - State of Florida
My Commission Expires Jun 16, 2011
Commission # DD 664420

UNANIMOUS WRITTEN CONSENT
0F THE BOARD OF DIRECTORS
OF
MARONDA HOMES, INC. OF FLORIDA

The undersigned, constituting the entire Board of Directors of Maronda Homes, Inc. of Florida (the "Corporation") and waiving all requirements of notice, consents to the corporate actions specified below and adopts the following resolutions by written consent, without a meeting, pursuant to the Florida Business Corporation Act:

RESOLVED, that the following persons be and are hereby authorized, empowered, and designated to enter into agreements to buy and sell individual lots and houses to individual purchasers, to execute deeds to effectuate the buying or selling of individual lots, and to enter into short-term leases not to exceed two (2) years for such individual houses.

I FURTHER CERTIFY, that the following persons hold the following offices with the Corporation:

William J. Wolf	C.E.O.
Wayne Von Dreele	President
Ronald W. Wolf	Vice President
Ronald W. Wolf	Treasurer
Ronald W. Wolf	Secretary
Scott C. Howard	Vice President
Thomas Greenawalt	Vice President
William Rousch	Vice President
P. Thomas Prior	Vice President
Richard A. Brown	Vice President
Steven R. Hogg	Vice President
Dominick Donato	Vice President
Peter Chun	Vice President
George Friedman	Vice President
Mark Bowes	Vice President
Gregg S. Carlson	Vice President
Chad Johannesen	Vice President
William Berryhill	Vice President
John P. Mills	Vice President
John Williams	Vice President

IN WITNESS WHEREOF, the undersigned has executed this consent effective as of the 16th day of January 2008.

William J. Wolf, Director

Ronald W. Wolf, Director

Maronda Systems

Maronda Systems 4005 Maronda Way Sanford FL 32771 (407) 321-0064 Fax (407) 321-3913
Engineer/Architect of Record: Tomas Ponce, P.E. 367 Medallion PL. Chuluota, Fl. 32766 FL PE # 50068,
Design Criteria: TPI Design: Matrix Analysis MiTek software

PLAN JOB #	LOT	ADDRESS	DIV/SUB	MODEL
9TM01901	19-1	302 SW TIMBER RIDGE DR	JAX-9TM	ARLJ3 LEFT

ARLINGTON J

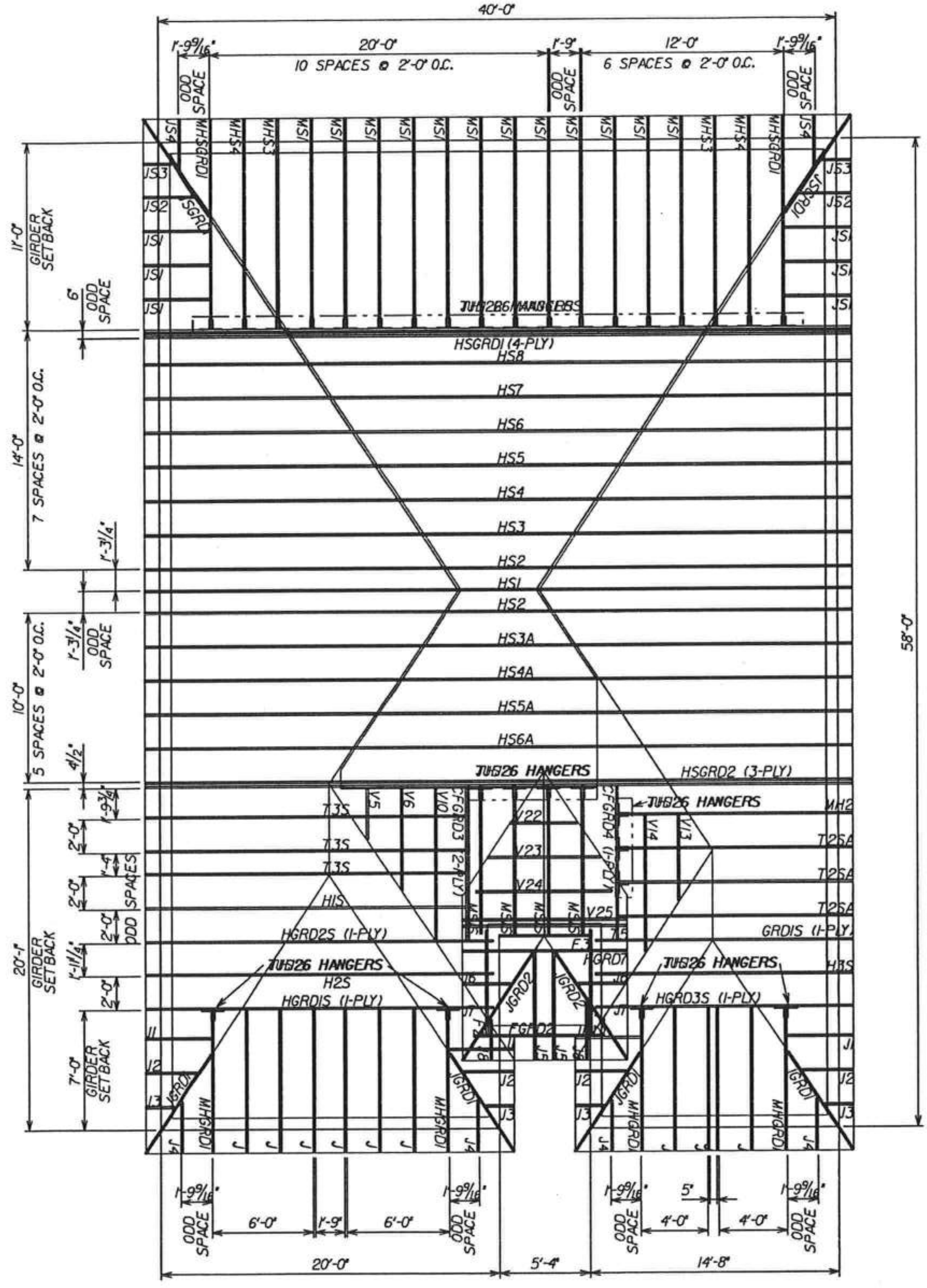
This structure was designed in accordance with, and meets the requirements of TPI standards and the FLORIDA 2004 BUILDING CODE for 125 M.P.H. Wind Zone. Truss loading is in accordance with ASCE 7-02. These trusses are designed for an enclosed building.

The Truss Engineering package for the above referenced site was generated by the Truss Designer at Sanford Systems.
I, Tomas Ponce, P.E. the Architect/Engineer of Record for the above referenced lot Have reviewed the package and confirmed that it matches the physical and structural Parameters found on the set of permit drawings.

Truss ID	Run Date	Drawing Reviewed	Truss ID	Run Date	Drawing Reviewed
Layout	11/06/08	06/10/08	HGRD1S	06/05/08	06/10/08
V	07/27/05	06/10/08	H2S	06/05/08	06/10/08
HIP	11/02/06	06/10/08	HGRD2S	06/05/08	06/10/08
HSGRD1	06/05/08	06/10/08	H1S	06/05/08	06/10/08
JGRD1	06/05/08	06/10/08	T3S	06/05/08	06/10/08
HS8	06/05/08	06/10/08	JSGRD1	06/05/08	06/10/08
J	06/05/08	06/10/08	F2	06/05/08	06/10/08
HS7	06/05/08	06/10/08	F3	06/05/08	06/10/08
HSGRD2	06/05/08	06/10/08	FGRD2	06/05/08	06/10/08
MHGRD1	06/05/08	06/10/08	HGRD3S	06/05/08	06/10/08
HS6	06/05/08	06/10/08	H3S	06/05/08	06/10/08
HS6A	06/05/08	06/10/08	JS1	06/05/08	06/10/08
HGRD7	06/05/08	06/10/08	JS2	06/05/08	06/10/08
T5	06/05/08	06/10/08	JS3	06/05/08	06/10/08
J3	06/05/08	06/10/08	MS1	06/05/08	06/10/08
HS5	06/05/08	06/10/08	MHS3	06/05/08	06/10/08
HS5A	06/05/08	06/10/08	MHS4	06/05/08	06/10/08
JGRD2	06/05/08	06/10/08	MHSGRD1	06/05/08	06/10/08
J4	06/05/08	06/10/08	JS4	06/05/08	06/10/08
HS4	06/05/08	06/10/08	VT30	06/05/08	06/10/08
HS4A	06/05/08	06/10/08	J7	06/05/08	06/10/08
J5	06/05/08	06/10/08	V5	06/05/08	06/10/08
MS1S	06/05/08	06/10/08	V6	06/05/08	06/10/08
HS3	06/05/08	06/10/08	V10	06/05/08	06/10/08
HS3A	06/05/08	06/10/08	V13	06/05/08	06/10/08
J6	06/05/08	06/10/08	V14	06/05/08	06/10/08
J2	06/05/08	06/10/08	V22	06/05/08	06/10/08
HS2	06/05/08	06/10/08	V23	06/05/08	06/10/08
J1	06/05/08	06/10/08	V24	06/05/08	06/10/08
HS1	06/05/08	06/10/08	V25	06/05/08	06/10/08
J8	06/05/08	06/10/08			
GRD1S	06/05/08	06/10/08	**INV #**	**DESC**	**QNTY**
T2SA	06/05/08	06/10/08	**50060.0048**	**THD26**	**2**
MH2	06/05/08	06/10/08	**50060.0110**	**JUS26**	**30**
CFGRD4	06/05/08	06/10/08	**50060.0058**	**THJ26**	**2**
CFGRD3	06/05/08	06/10/08	**50060.0049**	**THD28-2**	**2**
			SEAT PLATES		**135**

No. of Eng. Dwgs:	63
Roof Loads-	
TC Live:	16.0 psf
TC Dead:	7.0 psf
BC Live:	10.0 psf
BC Dead:	10.0 psf
Total	43.0 psf
DurFac- Lbr:	1.25
DurFac- Plt:	1.25
O.C. Spacing:	24.0"

DATE: JUN 10 2008



	HARDWARE LEGEND
1	HUS26
2	HUS28
3	JUS26
4	MP6F
5	MPA1 & MPA1F
6	SKH26 L/R
7	SKHH26 L/R
8	SUS26
9	SUS28
10	THD26
11	THD28
12	THD28-2
13	THDH28-3
14	THD48
15	THJ26**
16	LTW12

JUN 10 2008

HARDWARE MANUFACTURED BY USP

* HARDWARE MANUFACTURED BY SIMPSON

** HARDWARE MANUFACTURED BY CLEVELAND

ARLINGTON 3 & 4 "J" - FL

GARAGE: LEFT

DESIGNER: CP DRAWN BY: EJ

CHECKER: MIKE

SCALE: 1/8" = 1'-0"

DATE: 11/06/2007

LOADING-FBC2004/TPI2002

TC LIVE	16.00	SNOW LOAD	0.00
TC DEAD	7.00	LUMBER DOL	1.25
BC LIVE	10.00	PLATE DOL	1.25
BC DEAD	10.00	WIND	125
TOTAL	43.00	SPACING	2'-0"

MITEK 2000 LAYOUT SYSTEM

1.800.848.3587 - miteksupport@mii.com

Maronda Homes

(407) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

WARNING! BCSI-B1 SUMMARY SHEET - GUIDE FOR HA

GENERAL NOTES

Trusses are not marked in any way to identify the frequency or location of temporary lateral restraint and diagonal bracing. Follow the recommendations for handling, installing and temporary restraining and bracing of trusses. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for more detailed information.

Truss Design Drawings may specify locations of permanent lateral restraint or reinforcement for individual truss members. Refer to the BCSI-B3 Summary Sheet – Permanent Restraint/Bracing of Chords & Web Members for more information. All other permanent bracing design is the responsibility of the Building Designer.

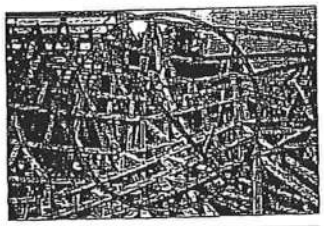
NOTAS GENERALES

Los trusses no están marcados de ningún modo que identifique la frecuencia o localización de restricción lateral y arriostre diagonal temporales. Use las recomendaciones de manejo, instalación, restricción y arriostre temporal de los trusses. Vea el folleto BCSI Guía de Buena Práctica para el Manejo, Instalación, Restricción y Arriostre de los Trusses de Madera Conectados con Placas de Metal para información más detallada.

Los dibujos de diseño de los trusses pueden especificar las localizaciones de restricción lateral permanente o refuerzo en los miembros individuales del truss. Vea la hoja resumen BCSI-B3 – Restricción/Arriostre Permanente de Cuerdas y Miembros Secundarios para más información. El resto de los diseños de arriostres permanentes son la responsabilidad del Diseñador del Edificio.

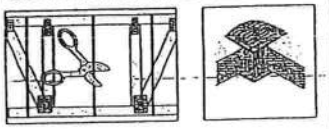
⚠ The consequences of improper handling, erecting, installing, restraining and bracing can result in a collapse of the structure, or worse, serious personal injury or death.

El resultado de un manejo, levantamiento, instalación, restricción y arrisotre incorrecto puede ser la caída de la estructura o aún peor, heridos o muertos.



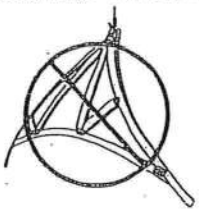
⚠ Banding and truss plates have sharp edges. Wear gloves when handling and safety glasses when cutting banding.

Empaques y placas de metal tienen bordes afilados. Use guantes y lentes protectores cuando corte los empaques.



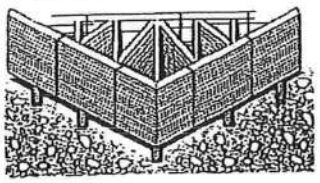
HANDLING — MANEJO

⚠ Avoid lateral bending. — Evite la flexión lateral.



⚠ The contractor is responsible for properly receiving, unloading and storing the trusses at the jobsite.

El contratista tiene la responsabilidad de recibir, descargar y almacenar adecuadamente los trusses en la obra.



☑ If trusses are to be stored horizontally, place blocking of sufficient height beneath the stack of trusses at 8' to 10' on center.

For trusses stored for more than one week, cover bundles to prevent moisture gain but allow for ventilation.

Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for more detailed information pertaining to handling and jobsite storage of trusses.

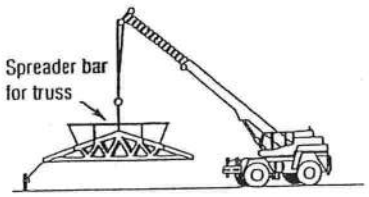
Si los trusses estarán guardados horizontalmente, ponga bloqueando de altura suficiente detrás de la pila de los trusses.

Para trusses guardados por más de una semana, cubra los paquetes para prevenir aumento de humedad pero permita ventilación.

Vea el folleto BCSI Guía de Buena Práctica para el Manejo, Instalación, Restricción y Arriostres de los Trusses de Madera Conectados con Placas de Metal para información más detallada sobre el manejo y almacenado de los trusses en área de trabajo.

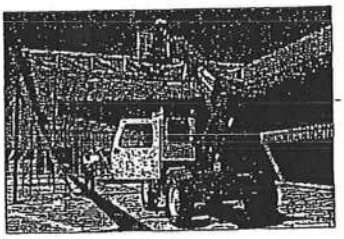
⚠ Use special care in windy weather or near power lines and airports.

Utilice cuidado especial en días ventosos o cerca de cables eléctricos o de aeropuertos.



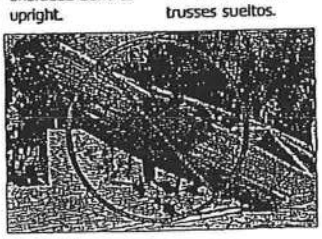
☑ Use proper rigging and hoisting equipment.

Use equipo apropiado para levantar e improvisar.



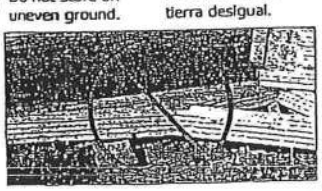
⃠ Do not store unbraced bundles upright.

No almacene verticalmente los trusses sueltos.



⃠ Do not store on uneven ground.

No almacene en tierra desigual.

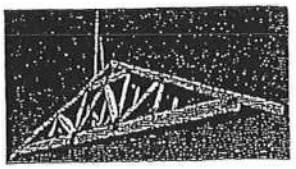


HOISTING RECOMMENDATIONS FOR TRUSS BUNDLES
RECOMENDACIONES PARA LEVANTAR PAQUETES DE TRUSSES.

⚠ Warning! Don't overload the crane.
¡Advertencia! ¡No sobrecarga la grúa!

⃠ Never use banding alone to lift a bundle.
Do not lift a group of individually banded bundles.

Nunca use sólo los empaques para levantar un paquete.
No levante un grupo de empaques individuales.



☑ A single lift point may be used for bundles with trusses up to 45'.
Two lift points may be used for bundles with trusses up to 60'.
Use at least 3 lift points for bundles with trusses greater than 60'.

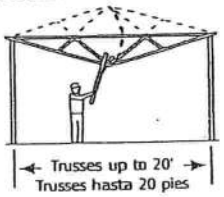
Puede usar un solo lugar de levantar para paquetes de trusses hasta 45 pies.
Puede usar dos puntos de levantar para paquetes más de 60 pies.
Use por lo menos tres puntos de levantar para paquetes más de 60 ples.

⚠ Warning! Do not over load supporting structure with truss bundle.
¡Advertencia! No sobrecargue la estructura apoyada con el paquete de trusses.

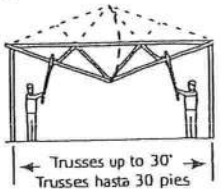
☑ Place truss bundles in stable position.
Puse paquetes de trusses en una posición estable.

INSTALLATION OF SINGLE TRUSSES BY HAND
INSTALACIÓN POR LA MANO DE TRUSSES INDIVIDUALES

☑ Trusses 20' or less, support at peak.
Levante del pico los trusses de 20 pies o menos.



☑ Trusses 30' or less, support at quarter points.
Levante de los cuartos de tramo los trusses de 30 pies o menos.

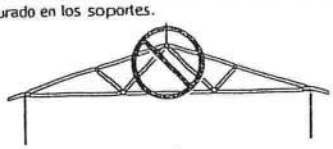


HOISTING OF SINGLE TRUSSES — LEVANTAMIENTO DE TRUSSES INDIVIDUALI

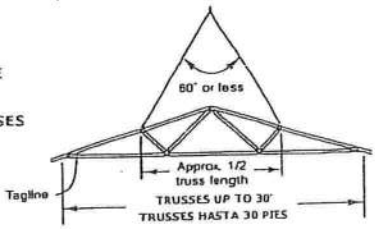
☑ Hold each truss in position with the erection equipment until top chord temporary lateral restraint is installed and the truss is fastened to the bearing points.

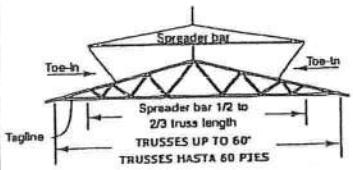
Sostenga cada truss en posición con equipo de grúa hasta que la restricción lateral temporal de la cuerda superior esté instalado y el truss está asegurado en los soportes.

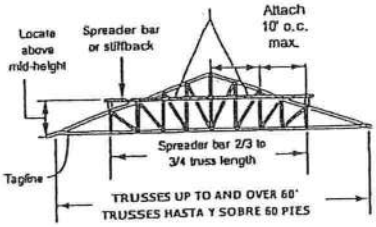
⚠ Warning! Using a single pick-point at the peak can damage the truss.
¡Advertencia! El uso de un solo lugar para levantar en el pico puede hacer daño al truss.



HOISTING RECOMMENDATIONS FOR SINGLE TRUSSES
RECOMENDACIONES PARA LEVANTAR TRUSSES INDIVIDUALES



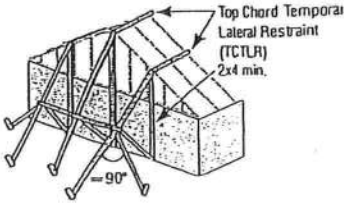




TEMPORARY RESTRAINT & BRACING
RESTRICCIÓN Y ARRIOSTRE TEMPORAL

⚠ Refer to BCSI-B2 Summary Sheet – Truss Installation & Temporary Restraint/Bracing for more information.

Vea el resumen BCSI B2 – Restricción/ Arriostre Temporal y Instalación de los Trusses para más información.

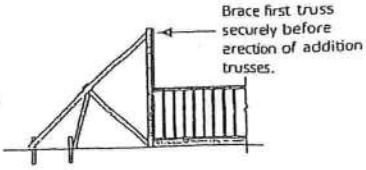


☑ Locate ground braces for first truss directly in line with all rows of top chord temporary lateral restraint (see table in the next column).

Coloque los arriostres de tierra para el primer truss directamente en línea con cada una de las filas de restricción lateral temporal de la cuerda superior (vea la table en la próxima columna).

⃠ Do not walk on unbraced trusses.

No camine en trusses sueltos.



PS TO SETTING TRUSSES
MEDIDAS DE LA INSTALACIÓN DE LOS TRUSSES

) Install ground bracing. 2) Set first truss and attach securely to ground bracing. 3) Set next 4 usses with short member temporary lateral restraint (see below). 4) Install top chord diagonal racing (see below). 5) Install web member plane diagonal bracing to stabilize the first five trusses see below). 6) Install bottom chord temporary lateral restraint and diagonal bracing (see below).) Repeat process on groups of four trusses until all trusses are set.

) Instale los arriostres de tierra. 2) Instale el primero truss y ate seguramente al arriostre de ierra. 3) Instale los próximos cuatro trusses con restricción lateral temporal de miembro corto vea abajo). 4) Instale el arriostre diagonal de la cuerda superior (vea abajo). 5) Instale arriostre liagonal para los planos de los miembros secundarios para estable los primeros cinco trusses vea abajo). 6) Instale la restricción lateral temporal y arriostre diagonal para la cuerda inferior vea abajo). 7) Repita éste procedimiento en grupos de cuatro trusses hasta que todos los trusses stén instalados.

efer to BCSI-B2 Summary Sheet – Truss Installation & Temporary Restraint/Bracing for more nformation.

ea el resúmen BCSI-B2 - Instalación de Trusses y Arriostre Temporal para mayor nformación.

RAINT/BRACING FOR ALL PLANES OF TRUSSES
STRICCIÓN/ARRIOSTRE EN TODOS PLANOS DE TRUSSES.

his restraint & bracing method is for all trusses except 3x2 and 4x2 parallel chord trusses.

ste método de restricción y arriostre es para todo trusses excepto trusses de cuerdas paralelas x2 y 4x2.

OP CHORD — CUERDA SUPERIOR

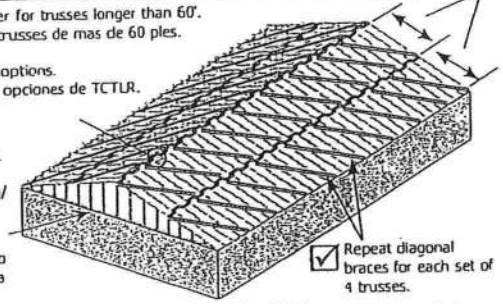
Truss Span ongitud de Tramo	Top Chord Temporary Lateral Restraint (TCTLR) Spacing Espaciamiento del Arriostre Temporal de la Cuerda Superior
Up to 30' Hasta 30 pies	10' o.c. max. 10 pies máximo
30' to 45' 30 a 45 pies	8' o.c. max. 8 pies máximo
45' to 60' 45 a 60 pies	6' o.c. max. 6 pies máximo
60' to 80'* 60 a 80 pies*	4' o.c. max. 4 pies máximo

Consult a Professional Engineer for trusses longer than 60'.
Consulte a un Ingeniero para trusses de mas de 60 pies.

☑ See BCSI-B2 for TCTLR options.
Vea el BCSI-B2 para las opciones de TCTLR.

Refer to BCSI-B3 Summary Sheet – Permanent Restraint/Bracing of Chords & Web Members for Gable End Frame restraint/bracing/ reinforcement Information.

Para información sobre restricción/arriostre/refuerzo para armazón de hastial vea el resumen BCSI-B3 – Restricción/Arriostre Permanente de Cuerdas y Miembros Secundarios.



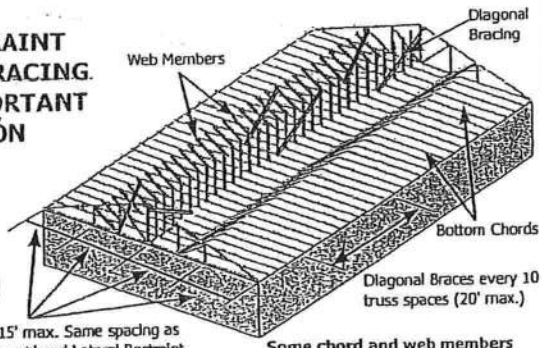
☑ Repeat diagonal braces for each set of 4 trusses.

Repita los arrisotres diagonales para cada grupo de 4 trusses.

Ground bracing not shown for clarity.

WEB MEMBER PLANE — PLANO DE LOS MIEMBROS SECUNDARIOS

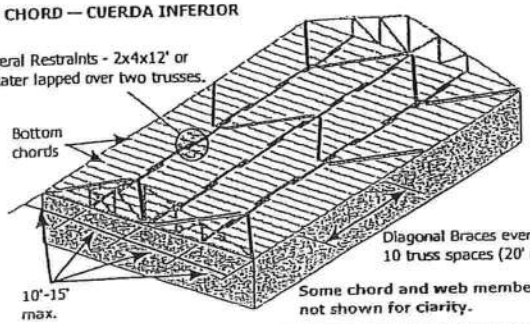
⚠
TERAL RESTRAINT DIAGONAL BRACING RE VERY IMPORTANT
A RESTRICCIÓN TERAL Y EL RRIOSTRE IAGONAL ON MUY MPORTANTES!



⚠ 10'-15' max. Same spacing as bottom chord Lateral Restraint

Some chord and web members not shown for clarity.

BOTTOM CHORD — CUERDA INFERIOR

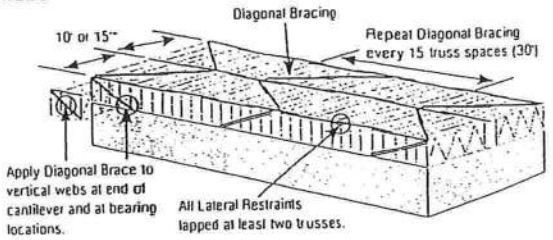


Some chord and web members not shown for clarity.

RESTRAINT & BRACING FOR 3x2 AND 4x2 PARALLEL CHORD TRUSSES
LA RESTRICCIÓN Y EL ARRIOSTRE PARA TRUSSES DE CUERDAS PARALELAS 3X2 Y 4X2

⚠ Refer to BCSI-B7 Summary Sheet - Temporary & Permanent Restraint/ Bracing for Parallel Chord Trusses for more information.

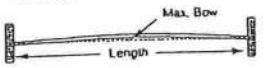
Vea el resumen BCSI-B7 – Restricción y Arriostre Temporal y Permanente de Trusses de Cuerdas Paralelas para más información.



*Top chord Temporary Lateral Restraint spacing shall be 10' o.c. max. for 3x2 chords and 15' o.c. for 4x2 chords.

INSTALLING — INSTALACION

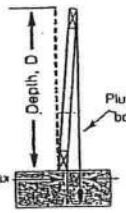
☑ Tolerances for Out-of-Plane.
Tolerancias para Fuera-de-Plano.



Out-of-Plane	
D/50	D (ft.)
1/4"	1'
1/2"	2'
3/4"	3'
1"	4'
1-1/4"	5'
1-1/2"	6'
1-3/4"	7'
2"	≥8'

Out-of-Plane	
Max. Bow	Truss Length
3/4"	12.5'
7/8"	14.6'
1"	16.7'
1-1/8"	18.8'
1-1/4"	20.8'
1-3/8"	22.9'
1-1/2"	25.0'
1-3/4"	29.2'
2"	≥33.3'

☑ Tolerances for Out-of-Plumb.
Tolerancias para Fuera-de-Plomada.



CONSTRUCTION LOADING — CARGA DE CONSTRUCCION

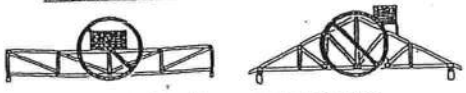
⚠ Do not proceed with construction until all lateral restraint and bracing is securely and properly in place.

No proceda con la construcción hasta que todas las restricciones laterales y los arriostres estén colocados en forma apropiada y segura.

⊘ Do not exceed maximum stack heights. Refer to BCSI-B4 Summary Sheet - Construction Loading for more Information.

No exceda las máximas alturas recomendadas. Vea el resúmen BCSI-B4 Carga de Construcción para mayor información.

Maximum Stacking Height for Material on Trusses	
Material	Height
Gypsum Board	12"
Plywood or OSB	16"
Asphalt Shingles	2 bundles
Concrete Block	8"
Clay Tile	3-4 tiles high

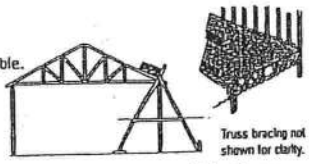


⊘ Do not overload small groups or single trusses.
No sobrecargue pequeños grupos o trusses individuales.

⊘ Never stack materials near a peak.
Nunca amontone material cerca del pico.

☑ Place loads over as many trusses as possible.
Coloque las cargas sobre tantos trusses como sea posible.

☑ Position loads over load bearing walls.
Coloque las cargas sobre las paredes soportantes.



Truss bracing not shown for clarity.

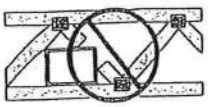
ALTERATIONS — ALTERACIONES

⚠ Refer to BCSI-B5 Summary Sheet - Truss Damage, Jobsite Modifications & Installation Errors.

Vea el resúmen BCSI-B5 Daños de trusses, Modificaciones en la Obra y Errores de Instalación.

⊘ Do not cut, alter, or drill any structural member of a truss unless specifically permitted by the Truss Design Drawing.

No corte, altere o perfore ningún miembro estructural de los trusses, a menos que esté especificamente permitido en el dibujo del diseño del truss.



⚠ Trusses that have been overloaded during construction or altered without the Truss Manufacturer's prior approval may render the Truss Manufacturer's limited warranty null and void.

Trusses que se han sobrecargado durante la construcción o han sido alterados sin una autorización previa del Fabricante de Trusses, pueden reducir o elminar la garantía del Fabricante de Trusses.

WTCA
6300 Enterprise Lane • Madison, WI 53719
608/274-4849 • www.sbcindustry.com

TRUSS PLATE INSTITUTE
218 N. Lee St., Ste. 312 • Alexandria, VA 22314
703/683-1010 • www.tpinst.org

B1WARN11x17 20061115

MANEJO, INSTALACIÓN, RESTRICCIÓN Y ARRIOSTRE DE LOS TRUSSES (2006 EDICIÓN)

Maronda Systems

MARONDA SYSTEMS 4005 Maronda Way Sanford, FL 32771 (407) 321-0064 Fax (407) 321-3913

Date: November 1, 2006

To: Building Department

From: Maronda Systems
Tomas Ponce
Professional Engineer
State of Florida #0050068

Subject: Valley Trusses

All valley trusses labeled V-1 through 100 are covered under the general valley sheet provided in the truss package signed and sealed by the engineer of record. The connections are noted on the structural info sheet of the plans. All criteria of the valley trusses are noted on the general sheet.

If you have any questions please feel free to call at 407-321-0064.

Sincerely,

Tomas Ponce, P.E.
Date: 11/1/06

Job: MARONDA SYSTEMS | Customer: | WO: VALLEY SET | TI: V | Qty: 1

DESIGN INFORMATION

This design is for an individual building component and has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of faulty or incorrect information, specifications and/or designs furnished to the truss designer by the client and the correctness or accuracy of this information as it may relate to a specific project and accepts no responsibility or exercises no control with regard to fabrication, handling, shipment and installation of trusses. This truss has been designed as an individual building component in accordance with ANSI/TPI 1-1995 and HDS-97 to be incorporated as part of the building design by a Building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design loadings shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

Prior to fabrication, the fabricator shall review this drawing to verify that this drawing is in conformance with the fabricator's plans and to realize a continuing responsibility for such verification. Any discrepancies are to be put in writing before cutting or fabrication. Plates shall not be installed over knotholes, knots or distorted grain. Members shall be cut for tight fitting wood to wood bearing. Connector plates shall be located on both faces of the truss with nails fully imbedded and shall be sym. about the joint unless otherwise shown. A 5x4 plate is 5" wide x 4" long. A 6x8 plate is 6" wide x 8" long. Slots (holes) run parallel to the plate length specified. Double cuts on web members shall meet at the centroid of the webs unless otherwise shown. Connector plate sizes are minimum sizes based on the forces shown and may need to be increased for certain handling and/or erection stresses. This truss is not to be fabricated with fire retardant treated lumber unless otherwise shown. For additional information on Quality Control refer to ANSI/TPI 1-1995

PRECAUTIONARY NOTES

All bracing and erection recommendations are to be followed in accordance with "Handling, Installing and Bracing", HIB-91. Trusses are to be handled with particular care during banding and bundling, delivery and installation to avoid damage. Temporary and permanent bracing for holding trusses in a straight and plumb position and for resisting lateral forces shall be designed and installed by others. Careful handling is essential and erection bracing is always required. Normal precautionary action for trusses requires such temporary bracing during installation between trusses to avoid toppling and dominoing. The supervision of erection of trusses shall be under the control of persons experienced in the installation of trusses. Professional advice shall be sought if needed. Concentration of construction loads greater than the design loads shall not be applied to trusses at any time. No loads other than the weight of the erectors shall be applied to trusses until after all fastening and bracing is completed.

TOP CHORDS: 2X4 SP #2
BOT CHORDS: 2X4 SP #2
WEBS: 2X4 SP #3

T/C MUST BE CONTINUOUSLY BRACED BY ROOF SHEATHING UNLESS NOTED OTHERWISE.

VALLEY MEMBERS TO BE SET PERPENDICULAR TO TRUSSES BELOW.

IT IS NOT REQUIRED TO SHEATH TRUSSES BELOW VALLEY SET. VALLEY MEMBERS PROVIDE ALL NECESSARY TOP CHORD BRACING.

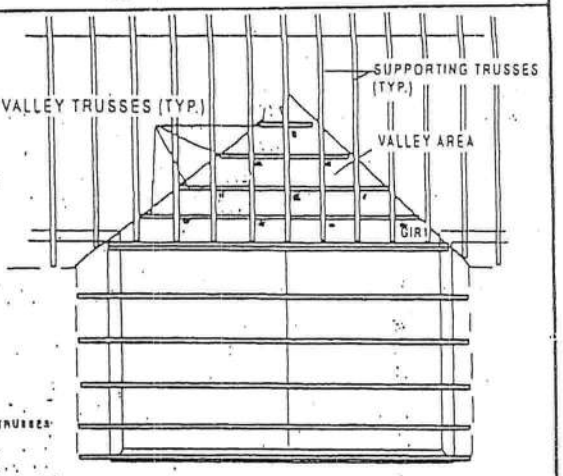
WHEN VALLEY MEMBERS ARE NAILED DIRECTLY TO TRUSS TOP CHORDS USE (2) 16D NAILS PER INTERSECTION, OR TWO FEET ON CENTER. WHEN BELOW TRUSSES ARE SHEATHED FIRST USE (2) 10d NAILS OR (1) 16d NAIL PER INTERSECTION, OR TWO FEET ON CENTER.

2X4 TRANSVERSE BRACING NAILED FLAT TO EDGE OF WEB WITH 12d NAILS AT 8" O.C. OR A SCAB OF THE SAME DIMENSION AND GRADE AS WEB; NAILED TO FACE (S) OF WEB WITH 10d NAILS STAGGERED 8" O.C. SCAB OR TRANSVERSE BRACKING TO EXTEND FOR 90% OF WEB LENGTH. 2X8 BRACE REQUIRED ON ANY WEB EXCEEDING 14'.

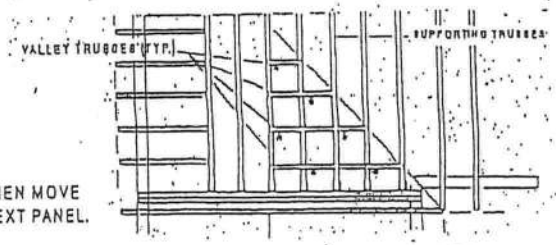
* denotes ONE edge or one face
** denotes BOTH edges or Both faces.

(1) ONE BRACE REQUIRED ON WEBS > = 94.0" LONG *
(2) TWO BRACES REQ'D ON WEBS > =126.0" LONG. **

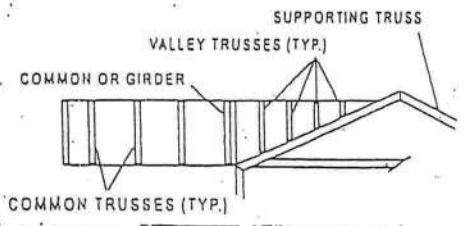
VALLEY TRUSSES ARE ACCEPTABLE TO BE CANTILEVERED UP TO TWO FEET.



MONO VALLEY

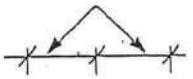


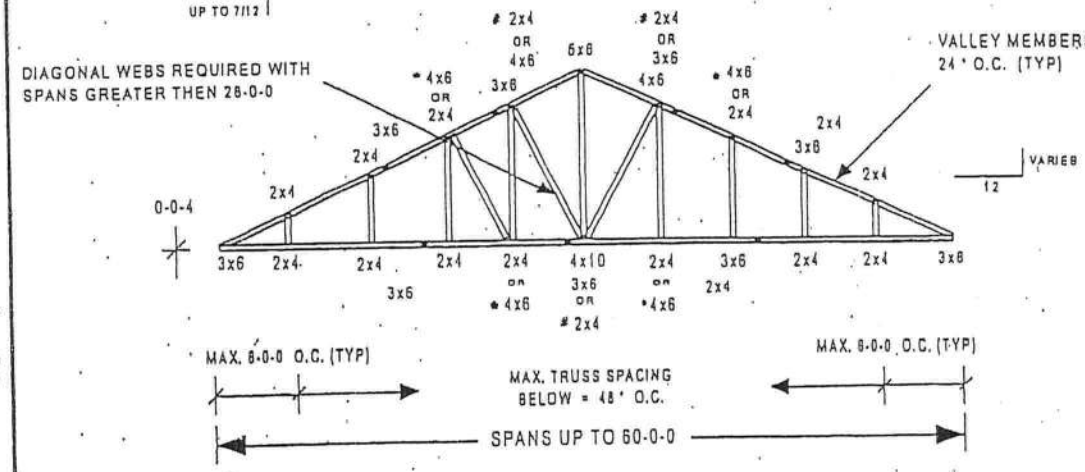
(+) WHEN DIAGONAL WEB PRESENT USE 4X8 PLATE
(#) WHEN NO DIAGONAL WEB PRESENT USE 2X4 PLATE

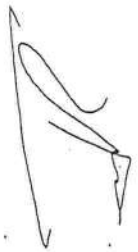


* VALLEY STRAPPING TO TRUSS BELOW @ 4' O.C.

IF LESS THEN 3-0-0 THEN MOVE DIAGONAL WEB TO NEXT PANEL.







DEC 17 2005

EXCEPT AS SHOWN PLATES ARE TL20 GA TESTED PER ANSI/TPI 1-1995 Cont. Support Studs @ 6-0-0 O.C.

Maronda Systems
4005 MARONDA WAY
Sanford, FL. 32771
(407) 321-0064 Fax (407) 321-3913
TOMAS PONCE P.E. LICENSE #0050068
1005 VANNESSA DR. OVIEDO FL 32766

WARNING:
READ ALL NOTES ON THIS SHEET. A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING CONTRACTOR. BRACING WARNING:
Bracing shown on this drawing is not erection bracing, wind bracing, portal bracing or similar bracing which is a part of the building design and which must be considered by the building designer. Bracing shown is for lateral support of truss members only to reduce buckling length. Provisions must be made to anchor lateral bracing at ends and specified locations determined by the building designer. Additional bracing of the overall structure may be required. (See HIB-91 of TPI). For specific truss bracing requirements, contact building designer. (Truss Plate Institute, TPI is located at 583 D'Onofrio Drive, Madison, Wisconsin 53719).

Eng Job:		WO: VALLEY SET
Dwg:		TI: V
Dsgnr: TLY Chk:		7/27/2005
TC Live	16.0 psf	Lbr DF: 1.25
TC Dead	7.0 psf	Plt DF: 1.25
BC Live	10.0 psf	O.C.: 2- 0- 0
BC Dead	2.0 psf	TPI-02/FBC-04
TOTAL	35.0 psf	Code: FLA
		v4.7.21-4355

Design: Matrix Analysis Profile Path: C:\TEE-LOK\Work\Jobs\MARONDA SYSTEMS\VT.prx

ESIGN INFORMATION

is design is for an individual building component and s been based on information provided by the client. The signer disclaims any responsibility for damages as a sult of faulty or incorrect information, specifications d/or designs furnished to the truss designer by the client d the correctness or accuracy of this information as it ay relate to a specific project and accepts no sponsibility or exercises no control with regard to brication, handling, shipment and installation of trusses. his truss has been designed as an individual building component in accordance with ANSI/TPI 1-1995 and DS-97 to be incorporated as part of the building design / a Building Designer. When reviewed for approval by e building designer, the design loadings shown must be ecked to be sure that the data shown are in agreement ith the local building codes, local climatic records for ind or snow loads, project specifications or special pplied loads. Unless shown, truss has not been designed r storage or occupancy loads. The design assumes ompression chords (top or bottom) are continuously raced by sheathing unless otherwise specified. Where ottom chords in tension are not fully braced laterally by a roperly applied rigid ceiling, they should be braced at a aximum spacing of 10'-0" o.c. Connector plates shall be anufactured from 20 gauge hot dipped galvanized steel eeting ASTM A 653, Grade 40, unless otherwise shown.

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PRECAUTIONARY NOTES

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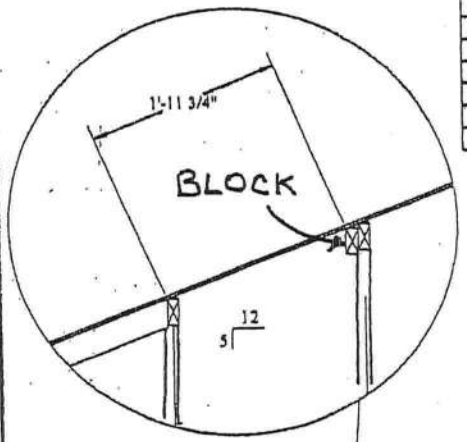
HIP TRUSS BLOCKING REQUIREMENTS

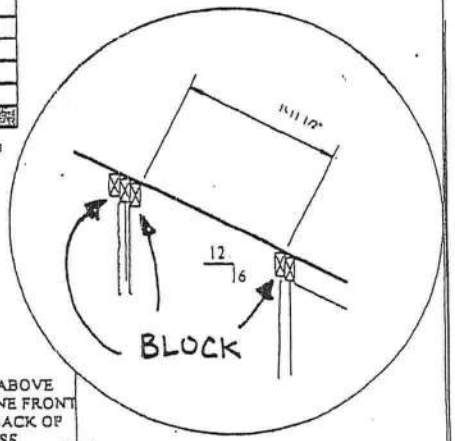
APA-FORM NO. TT-083

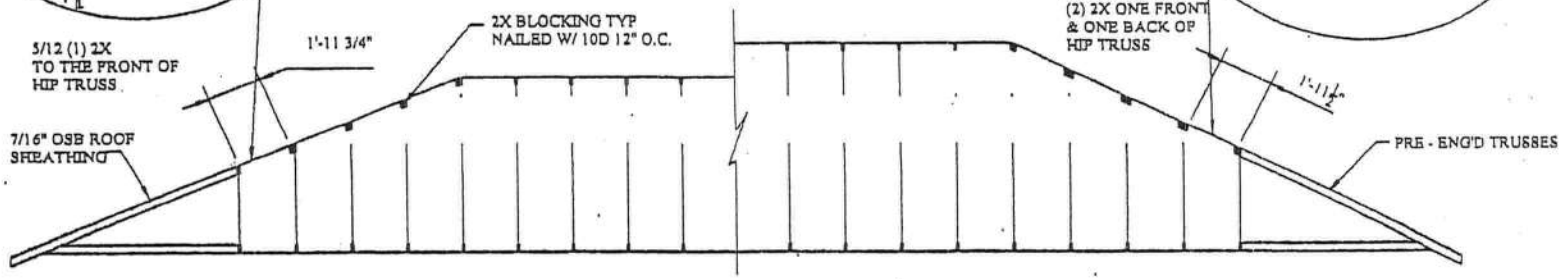
SPAN RATING AND BLOCKING RECOMMENDATIONS FOR USE OVER HIP-ROOFS SUPPORT AT 24" O.C

Roof Slope	Panel Span Rating			
	24/16	32/16	40/20	48/24
≤ 1:12	OK	OK	OK	OK
≤ 2:12	OK	OK	OK	OK
≤ 3:12	OK	OK	OK	OK
≤ 4:12	OK	OK	OK	OK
≤ 5:12	OK	OK	OK	OK
≤ 6:12	OK	OK	OK	OK
≤ 6:12	OK	OK	OK	OK
≤ 7:12	OK	OK	OK	OK
≤ 8:12	OK	OK	OK	OK
≤ 9:12	OK	OK	OK	OK
≤ 10:12	OK	OK	OK	OK
≤ 11:12	OK	OK	OK	OK
≤ 12:12	OK	OK	OK	OK
≤ 13:12	OK	OK	OK	OK
≤ 14:12	OK	OK	OK	OK

NOTE: SHADED AREA REQUIRE 2X LUMBER BLOCKING BETWEEN TRUSS AT UN SUPPORTED PANEL EDGES IN HIP ROOF AREAS







NOTE: NO BLOCKING IS REQUIRED ON 4/12 AND BELOW PITCHED ROOFS

NOV 0 2 2006

Maronda Systems
4005 MARONDA WAY
Sanford, FL 32771
(407) 321-0064 Fax (407) 321-3913
TOMAS PONCE P.E. LICENSE #0050068
367 Medallion Pl. Chuluota, FL 32766

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Component Engineering by: Truss Engineering Co., P.A., 818 Soundside Rd, Edenton, NC 27932

Eng Job:		
Dwg:		
Dsgnr: TLY	Chk:	
TC Live	16.0	psf
TC Dead	7.0	psf
BC Live	10.0	psf
BC Dead	10.0	psf
TOTAL	43.0	psf

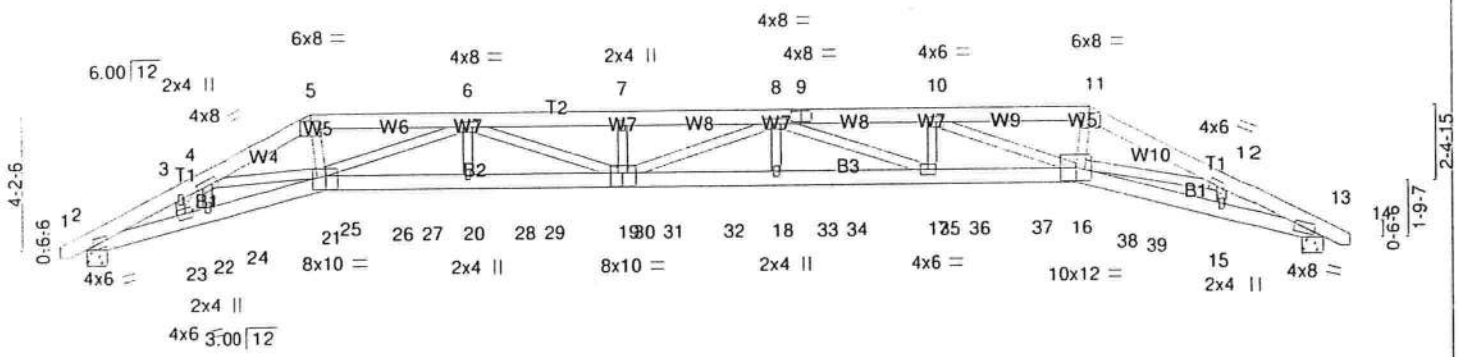
WO: HIPDETAIL
TI: HIP
11/2/2006
Lbr DF: 1.25
Plt DF: 1.25
O.C.: 2- 0- 0
TPI-02/FBC-04
Code: FLA
v4.7.32-0

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HSGRD1	SPECIAL	1	4	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:52 2008 Page 1

0-10-8	3-0-12	3-11-3	7-4-0	12-5-2	17-5-11	22-6-5	27-6-14	32-8-0	36-11-4	40-0-0	40-10-8
0-10-8	3-0-12	0-10-7	3-4-13	5-1-2	5-0-10	5-0-10	5-0-10	5-1-2	4-3-4	3-0-12	0-10-8

Scale = 1:71.0



3-0-12	3-11-3	7-9-11	12-5-2	17-5-11	22-6-5	27-6-14	32-2-5	36-11-4	40-0-0
3-0-12	0-10-7	3-10-8	4-7-7	5-0-10	5-0-10	5-0-10	4-7-7	4-8-15	3-0-12

Plate Offsets (X,Y): [2:0-3-0,0-0-13], [19:0-5-0,0-5-4], [21:0-4-12,0-5-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.85	18-19	>554	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.94	Vert(TL)	-1.40	18-19	>338	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.61	13	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 1055 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2 *Except*
B2 2 X 6 SYP No.1D, B3 2 X 6 SYP No.1D
WEBS 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) 2=5441/0-8-0, 13=5436/0-8-0
Max Horz 2=69(LC 5)
Max Uplift2=-2632(LC 4), 13=-2629(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-14870/7342, 3-4=-13985/6939, 4-5=-17708/8788, 5-6=-17688/8810, 6-7=-27460/13715, 7-8=-27460/13715, 8-9=-23745/11808, 9-10=-23745/11808, 10-11=-17756/8784, 11-12=-17793/8762, 12-13=-15489/7599, 13-14=0/11
BOT CHORD 2-23=-6374/12845, 22-23=-7523/15196, 22-24=-7370/14889, 24-25=-7425/14990, 21-25=-7481/15117, 21-26=-11861/23850, 26-27=-11861/23850, 20-27=-11861/23850, 20-28=-11861/23850, 28-29=-11861/23850, 29-30=-11861/23850, 19-30=-11861/23850, 19-31=-13658/27539, 31-32=-13658/27539, 18-32=-13658/27539, 18-33=-13658/27539, 33-34=-13658/27539, 34-35=-13658/27539, 17-35=-13658/27539, 17-36=-11703/23745, 36-37=-11703/23745, 16-37=-11703/23745, 16-38=-6687/13690, 38-39=-6633/13562, 15-39=-6580/13461, 13-15=-6556/13426
WEBS 4-22=-618/1316, 4-21=-764/1494, 5-21=-3759/7617, 6-21=-6757/3459, 6-20=-521/1109, 6-19=-1993/3921, 7-19=-195/146, 8-19=-138/81, 8-18=-578/1236, 8-17=-4114/2097, 10-17=-1222/2490, 10-16=-6582/3369, 11-16=-3733/7623, 12-16=-1500/2960, 12-15=-220/463, 3-23=-838/1705, 4-23=-3681/1787

NOTES
1) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Attach chords with 1/2 inch diameter bolts (ASTM a-307) with washers at 2-0-0 on center.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 2, 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2632 lb uplift at joint 2 and 2629 lb uplift at joint 13.

Continued on page 2

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HSGRD1	SPECIAL	1	4	Job Reference (optional)

NOTES

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 497 lb down and 335 lb up at 3-0-12, 420 lb down and 238 lb up at 5-0-12, 420 lb down and 256 lb up at 7-0-12, 394 lb down and 245 lb up at 9-0-12, 394 lb down and 245 lb up at 11-0-12, 394 lb down and 245 lb up at 13-0-12, 394 lb down and 245 lb up at 15-0-12, 394 lb down and 245 lb up at 16-11-4, 394 lb down and 245 lb up at 18-11-4, 394 lb down and 245 lb up at 20-11-4, 394 lb down and 245 lb up at 22-11-4, 394 lb down and 245 lb up at 24-11-4, 394 lb down and 245 lb up at 26-11-4, 394 lb down and 245 lb up at 28-11-4, 394 lb down and 245 lb up at 30-11-4, 420 lb down and 256 lb up at 32-11-4, and 420 lb down and 238 lb up at 34-11-4, and 497 lb down and 335 lb up at 36-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

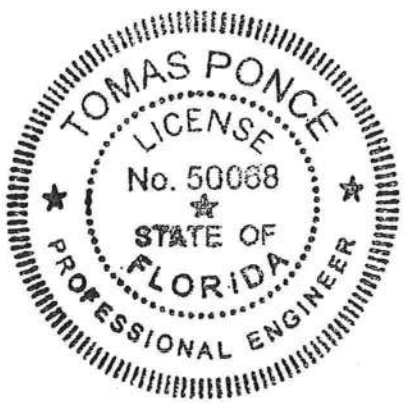
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-5=-46, 5-11=-46, 11-14=-46, 2-21=-40, 16-21=-40, 13-16=-40

Concentrated Loads (lb)

Vert: 15=-497(F) 23=-497(F) 24=-420(F) 25=-420(F) 26=-394(F) 27=-394(F) 28=-394(F) 29=-394(F) 30=-394(F) 31=-394(F) 32=-394(F) 33=-394(F) 34=-394(F) 35=-394(F) 36=-394(F) 37=-394(F) 38=-420(F) 39=-420(F)



JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	JGRD1	JACK	4	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:43:04 2008 Page 1

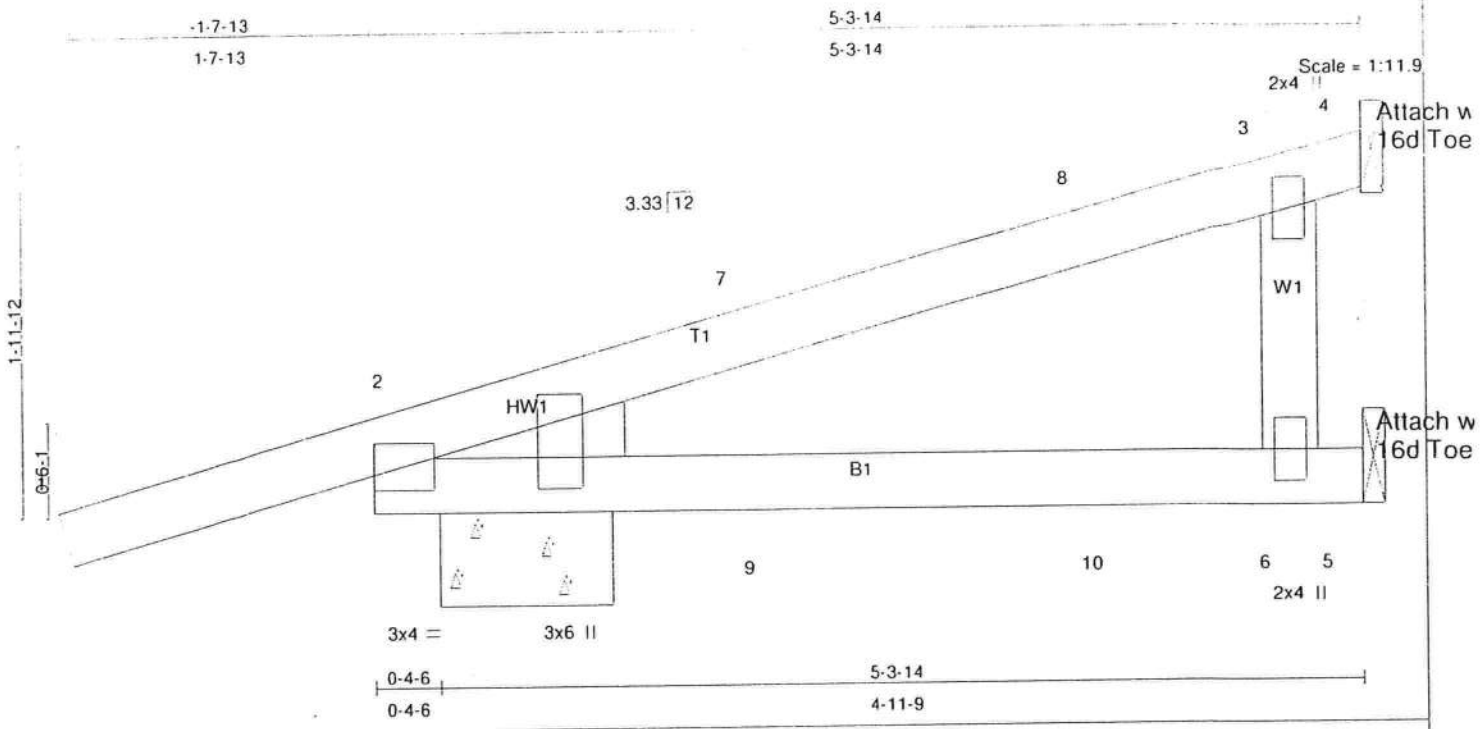


Plate Offsets (X,Y): [2:0-0-0,0-0-15], [2:0-0-15,0-10-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.02	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.05	2-6	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

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

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

REACTIONS (lb/size) 4=166/Mechanical, 2=283/0-11-5, 5=-18/Mechanical
Max Horz 2=86(LC 7)
Max Uplift2=-175(LC 7), 5=-129(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/12, 2-7=-45/0, 7-8=-29/0, 3-8=-29/4, 3-4=0/44
BOT CHORD 2-9=0/0, 9-10=0/0, 6-10=0/0, 5-6=0/0
WEBS 3-6=0/170

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 175 lb uplift at joint 2 and 129 lb uplift at joint 5.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 36 lb down and 43 lb up at 2-2-4, and 17 lb down and 28 lb up at 3-11-15 on top chord, and 9 lb up at 2-2-4, and 5 lb up at 3-11-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 2-5=-40
Concentrated Loads (lb)
Vert: 7=43(B) 8=28(F) 9=9(B) 10=5(F)

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS8	SPECIAL	1	1	Job Reference (optional)

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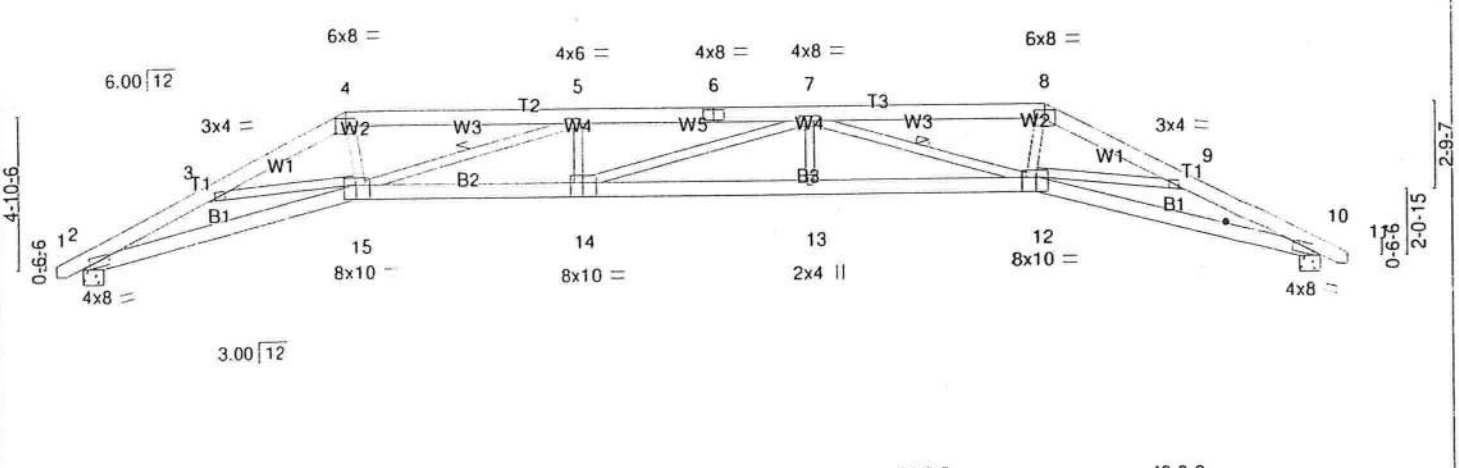
-0-10-8	4-6-0	8-8-0	16-2-13	23-9-3	31-4-0	35-6-0	40-0-0	40-10-8
0-10-8	4-6-0	4-2-0	7-6-13	7-6-5	7-6-13	4-2-0	4-6-0	0-10-8

Scale = 1:71.0



8-11-11	16-2-13	23-9-3	31-0-5	40-0-0
8-11-11	7-3-3	7-6-5	7-3-3	8-11-11

Plate Offsets (X,Y): [2:0-3-0,0-0-13], [10:0-3-0,0-0-13], [12:0-5-4,Edge], [14:0-5-0,0-5-4], [15:0-5-4,0-5-4]

LOADING (psf)		SPACING 2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase 1.25	TC 0.39	Vert(LL)	-0.70	13-14	>675	240	MT20	244/190
TCDL	7.0	Lumber Increase 1.25	BC 1.00	Vert(TL)	-1.39	13-14	>340	180		
BCLL	10.0 *	Rep Stress Incr YES	WB 0.48	Horz(TL)	0.69	10	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002	(Matrix)						Weight: 257 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-8-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 1-4-12 oc bracing.
WEBS 1 Row at midpt 5-15, 7-12

REACTIONS (lb/size) 2=1740/0-8-0, 10=1740/0-8-0
Max Horz 2=79(LC 6)
Max Uplift2=-312(LC 5), 10=-312(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-4963/1704, 3-4=-5367/1744, 4-5=-5035/1684, 5-6=-6901/2394, 6-7=-6901/2394, 7-8=-5030/1681, 8-9=-5360/1740, 9-10=-4963/1703, 10-11=0/11
BOT CHORD 2-15=-1423/4419, 14-15=-2160/6901, 13-14=-2168/6916, 12-13=-2168/6916, 10-12=-1423/4419
WEBS 3-15=-166/718, 5-15=-2066/745, 5-14=0/304, 7-14=-104/75, 7-13=0/283, 7-12=-2086/757, 9-12=-178/712, 8-12=-481/2028, 4-15=-480/2025

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 312 lb uplift at joint 2 and 312 lb uplift at joint 10.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J	MONO TRUSS	10	1	Job Reference (optional)

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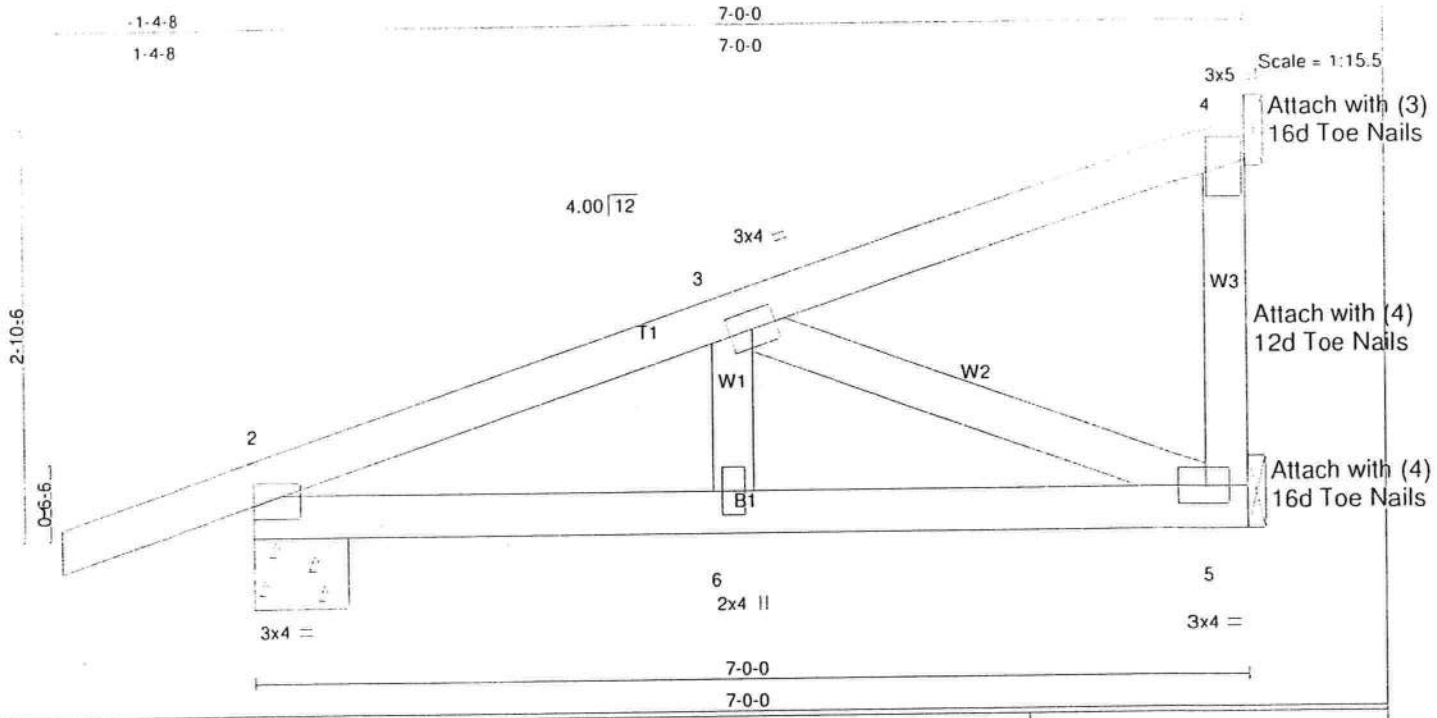


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.20	Vert(LL)	-0.01	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.27	Vert(TL)	-0.02	5-6	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 34 lb	

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

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

REACTIONS (lb/size) 4=69/Mechanical, 2=369/0-8-0, 5=201/Mechanical, 5=201/Mechanical
Max Horz 2=119(LC 4)
Max Uplift4=-56(LC 4), 2=-159(LC 4), 5=-20(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-428/35, 3-4=-32/17
BOT CHORD 2-6=-106/361, 5-6=-106/361
WEBS 4-5=0/0, 3-6=0/158, 3-5=-389/114

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 4, 159 lb uplift at joint 2 and 20 lb uplift at joint 5.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

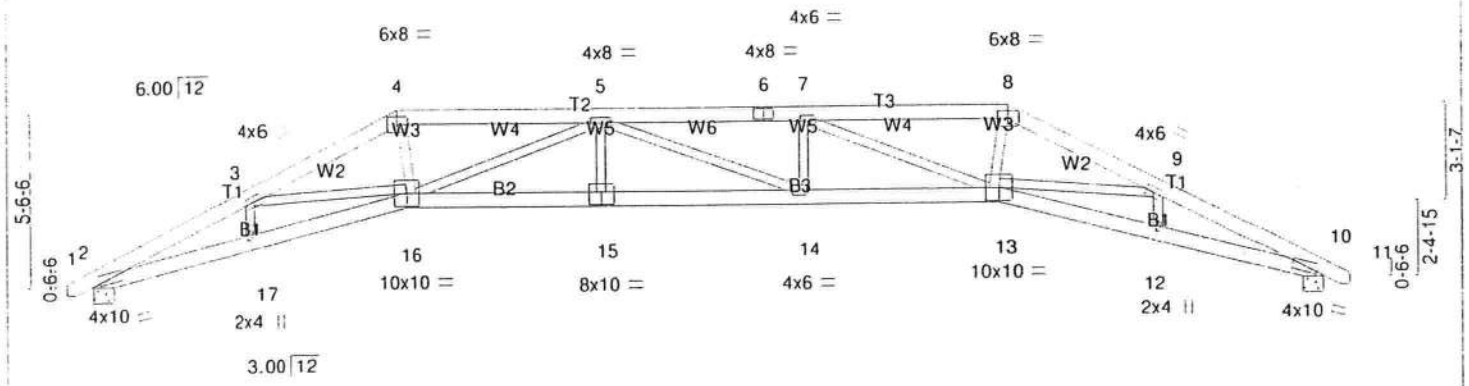
JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS7	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:48 2008 Page 1

-0-10-8	5-2-0	10-0-0	16-8-3	23-3-13	30-0-0	34-10-0	40-0-0	40-10-8
0-10-8	5-2-0	4-10-0	6-8-3	6-7-11	6-8-3	4-10-0	5-2-0	0-10-8

Scale = 1:71.4



5-2-0	10-3-11	16-8-3	23-3-13	29-8-5	34-10-0	40-0-0
5-2-0	5-1-11	6-4-8	6-7-11	6-4-8	5-1-11	5-2-0

Plate Offsets (X,Y): [2:0-4-12,0-2-0], [10:0-4-12,0-2-0], [15:0-5-0,0-4-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.60	14-15	>791	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-1.18	14-15	>398	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	1.00	Horz(TL)	0.68	10	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 260 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 2=1740/0-8-0, 10=1740/0-8-0
Max Horz 2=90(LC 6)
Max Uplift2=-299(LC 6), 10=-299(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5252/1670, 3-4=-5176/1686, 4-5=-4822/1618, 5-6=-6089/2086, 6-7=-6089/2086, 7-8=-4822/1619, 8-9=-5175/1687, 9-10=-5252/1670, 10-11=0/11
BOT CHORD 2-17=-1400/4677, 16-17=-1408/4708, 15-16=-1824/6088, 14-15=-1823/6089, 13-14=-1820/6089, 12-13=-1408/4708, 10-12=-1400/4677
WEBS 3-17=0/131, 3-16=-156/288, 5-16=-1490/510, 5-15=0/254, 5-14=-95/96, 7-14=0/284, 7-13=-1492/505, 9-13=-171/287, 9-12=0/132, 8-13=-492/1970, 4-16=-492/1970

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 299 lb uplift at joint 2 and 299 lb uplift at joint 10.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HSGRD2	SPECIAL	1	3	Job Reference (optional)

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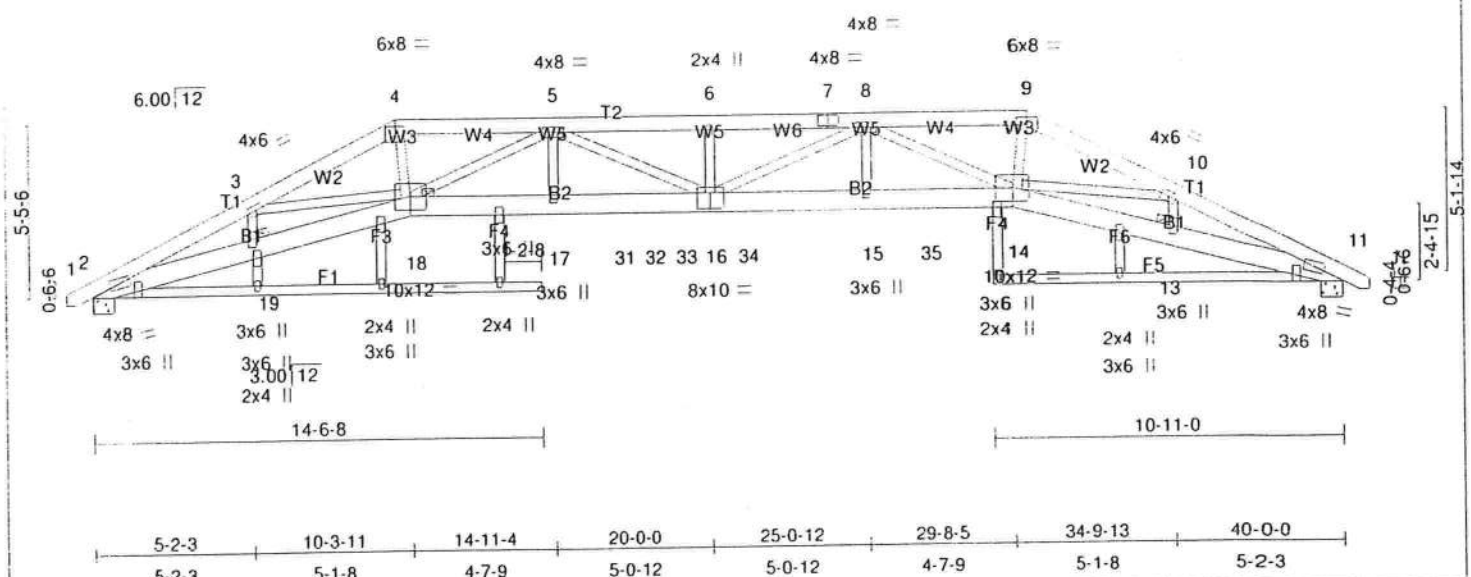
0-10-8	5-2-3	9-10-0	14-11-4	20-0-0	25-0-12	30-2-0	34-9-13	40-0-0	40-10-8
0-10-8	5-2-3	4-7-13	5-1-4	5-0-12	5-0-12	5-1-4	4-7-13	5-2-3	0-10-8

Scale = 1:70.5



5-2-3	10-3-11	14-11-4	20-0-0	25-0-12	29-8-5	34-9-13	40-0-0
5-2-3	5-1-8	4-7-9	5-0-12	5-0-12	4-7-9	5-1-8	5-2-3

Plate Offsets (X,Y): [14:0-2-4,0-1-8], [16:0-5-0,0-6-0], [20:0-0-4,Edge], [28:0-0-4,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.32	Vert(LL)	0.51	16-17	>920	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.82	Vert(TL)	-0.98	16-17	>483	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.37	Horz(TL)	0.49	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 1019 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 8 SYP No.1D *Except*
F1 2 X 4 SYP No.2, F5 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2 *Except*
F4 2 X 4 SYP No.3, F3 2 X 4 SYP No.3, F2 2 X 4 SYP No.3
F4 2 X 4 SYP No.3, F6 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.
JOINTS 1 Brace at Jt(s): 18, 19, 13

REACTIONS (lb/size) 2=3638/0-8-0, 11=3846/0-8-0
Max Horz 2=-91(LC 6)
Max Uplift2=-1286(LC 5), 11=-1358(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/14, 2-3=-11924/4396, 3-4=-12924/5007, 4-5=-12569/4905, 5-6=-19172/7800, 6-7=-19172/7800, 7-8=-19172/7800, 8-9=-13574/5196, 9-10=-13950/5304, 10-11=-12585/4554, 11-12=0/14
BOT CHORD 2-19=-3975/10687, 18-19=-4012/10781, 17-18=-6942/17276, 17-31=-6942/17276, 31-32=-6942/17276, 32-33=-6942/17276, 16-33=-6942/17276, 16-34=-6765/17388, 15-34=-6765/17388, 15-35=-6765/17388, 14-35=-6765/17388, 13-14=-4090/11415, 11-13=-4036/11277
WEBS 3-19=-202/206, 3-18=-704/1334, 4-18=-2081/5482, 5-18=-5453/2524, 5-17=-611/1431, 5-16=-974/2194, 6-16=-170/134, 8-16=-1068/2069, 8-15=-316/989, 8-14=-4438/2010, 9-14=-2229/5969, 10-14=-857/1666, 10-13=-368/275

NOTES
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 2, 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1286 lb uplift at joint 2 and 1358 lb uplift at joint 11.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 294 lb down and 190 lb up at 15-0-12, 294 lb down and 190 lb up at 17-0-12, 294 lb down and 190 lb up at 19-0-12, 294 lb down and 190 lb up at 21-0-12, and 1489 lb down and 678 lb up at 18-0-12, and 1340 lb down and 610 lb up at 26-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

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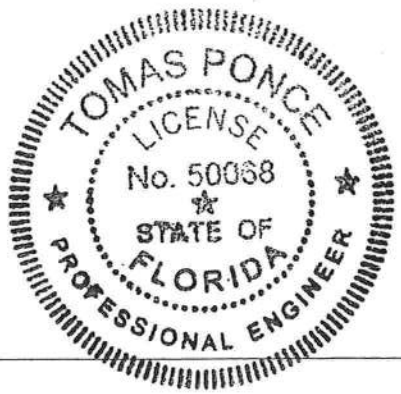
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 4-9=-46, 9-12=-46, 2-18=-40, 14-18=-40, 11-14=-40
Concentrated Loads (lb)
Vert: 17=-294(B) 31=-294(B) 32=-1489(F) 33=-294(B) 34=-294(B) 35=-1340(F)



JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	MHGRD1	MONO HIP	4	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:43:11 2008 Page 1

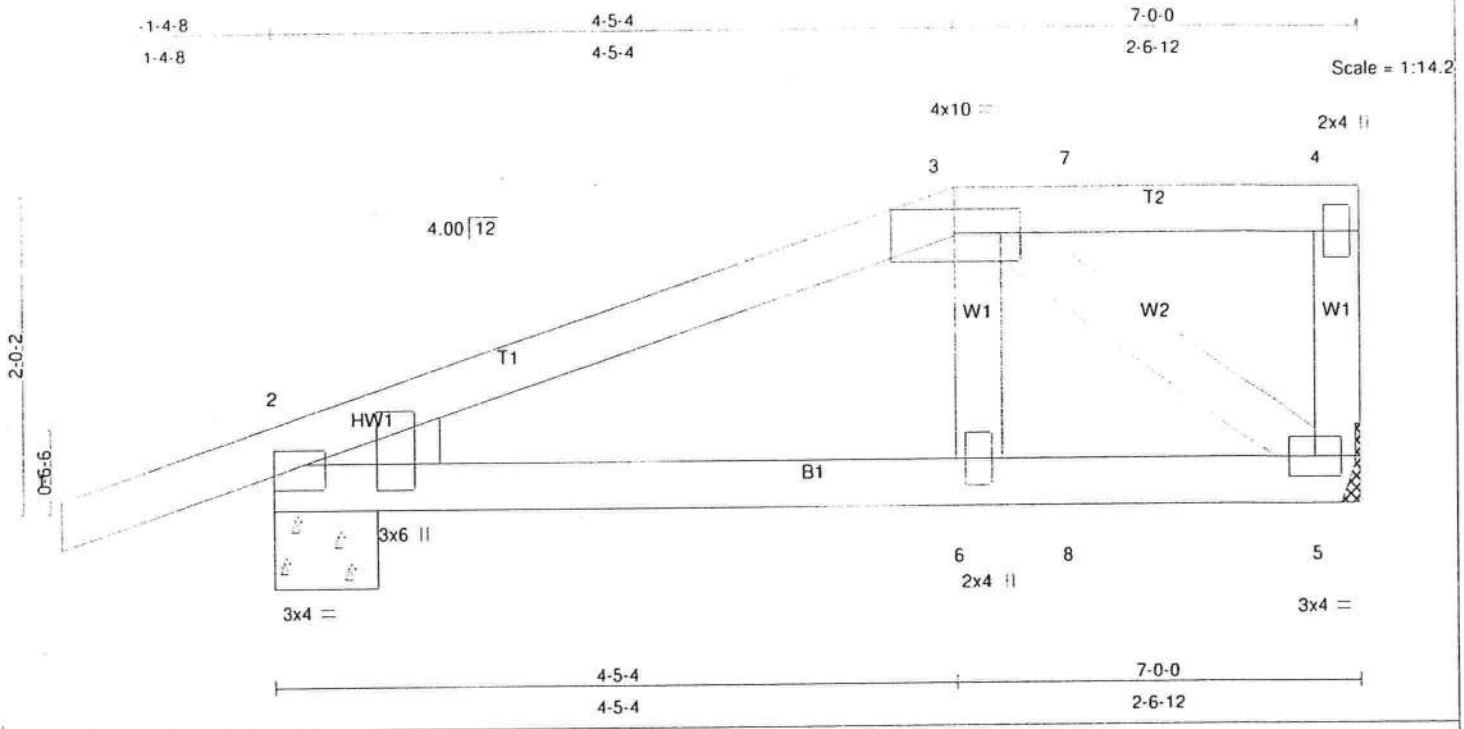


Plate Offsets (X,Y): [2:0-0-0,0-1-1], [2:0-1-3,0-7-15], [3:0-5-0,0-1-13]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.01	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.27	Vert(TL)	-0.03	2-6	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.06	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(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.2
WEDGE
Left: 2 X 4 SYP No.2

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

REACTIONS (lb/size) 5=325/Mechanical, 2=396/0-8-0
Max Horz 2=86(LC 3)
Max Uplift5=-108(LC 4), 2=-195(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-393/89, 3-7=-0/0, 4-7=-0/0, 4-5=-58/50
BOT CHORD 2-6=-106/323, 6-8=-101/343, 5-8=-101/343
WEBS 3-6=0/240, 3-5=-421/124

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 108 lb uplift at joint 5 and 195 lb uplift at joint 2.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 4 lb down and 52 lb up at 4-5-4, and 6 lb down and 54 lb up at 5-3-4 on top chord, and 59 lb down at 4-5-4, and 12 lb down at 5-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-46, 3-4=-46, 2-5=-40
Concentrated Loads (lb)
Vert: 6=-59(B) 3=-4(B) 7=-6(B) 8=-12(B)

TOMAS PONCE LICENSE No. 50088 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS6	SPECIAL	1	1	Job Reference (optional)

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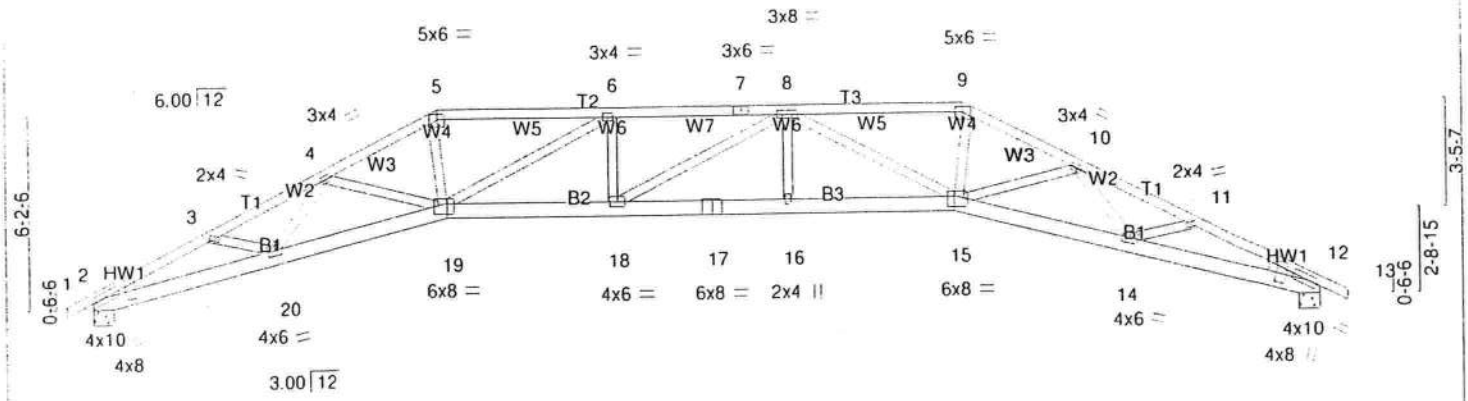
0-10-8	3-11-13	7-8-3	11-4-0	17-1-8	22-10-8	28-8-0	32-3-13	36-0-3	40-0-0	40-10-8
0-10-8	3-11-13	3-8-5	3-7-13	5-9-8	5-9-0	5-9-8	3-7-13	3-8-5	3-11-13	0-10-8

Scale = 1:71.6



5-11-9	11-7-11	17-1-8	22-10-8	28-4-5	34-0-7	40-0-0
5-11-9	5-8-1	5-5-13	5-9-0	5-5-13	5-8-1	5-11-9

Plate Offsets (X,Y): [2:0-2-5,1-1-12], [2:0-1-3,0-2-0], [5:0-3-0,0-2-0], [9:0-3-0,0-2-0], [12:0-2-5,1-1-12], [12:0-1-3,0-2-0], [15:0-2-12,0-4-0], [19:0-2-12,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.89	Vert(LL)	-0.60	16-18	>792	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.86	Vert(TL)	-1.18	16-18	>399	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.66	Horz(TL)	0.71	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 235 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.2, Right: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-8 oc bracing.

REACTIONS (lb/size) 2=1747/0-8-0, 12=1747/0-8-0
Max Horz 2=-100(LC 7)
Max Uplift2=-321(LC 6), 12=-321(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-4781/1552, 3-4=-4972/1544, 4-5=-4812/1555, 5-6=-4464/1480, 6-7=-5308/1796, 7-8=-5308/1796, 8-9=-4460/1479, 9-10=-4809/1553, 10-11=-4974/1545, 11-12=-4782/1552, 12-13=0/10
BOT CHORD 2-20=-1279/4176, 19-20=-1326/4627, 18-19=-1498/5308, 17-18=-1505/5322, 16-17=-1505/5322, 15-16=-1505/5322, 14-15=-1326/4626, 12-14=-1279/4177
WEBS 3-20=-10/451, 4-20=-76/125, 4-19=-203/192, 6-19=-1076/362, 6-18=0/262, 8-18=-116/86, 8-16=0/226, 8-15=-1095/372, 10-15=-206/200, 10-14=-73/134, 11-14=-21/452, 9-15=-496/1918, 5-19=-495/1917

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 321 lb uplift at joint 2 and 321 lb uplift at joint 12.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS6A	SPECIAL	1	1	Job Reference (optional)

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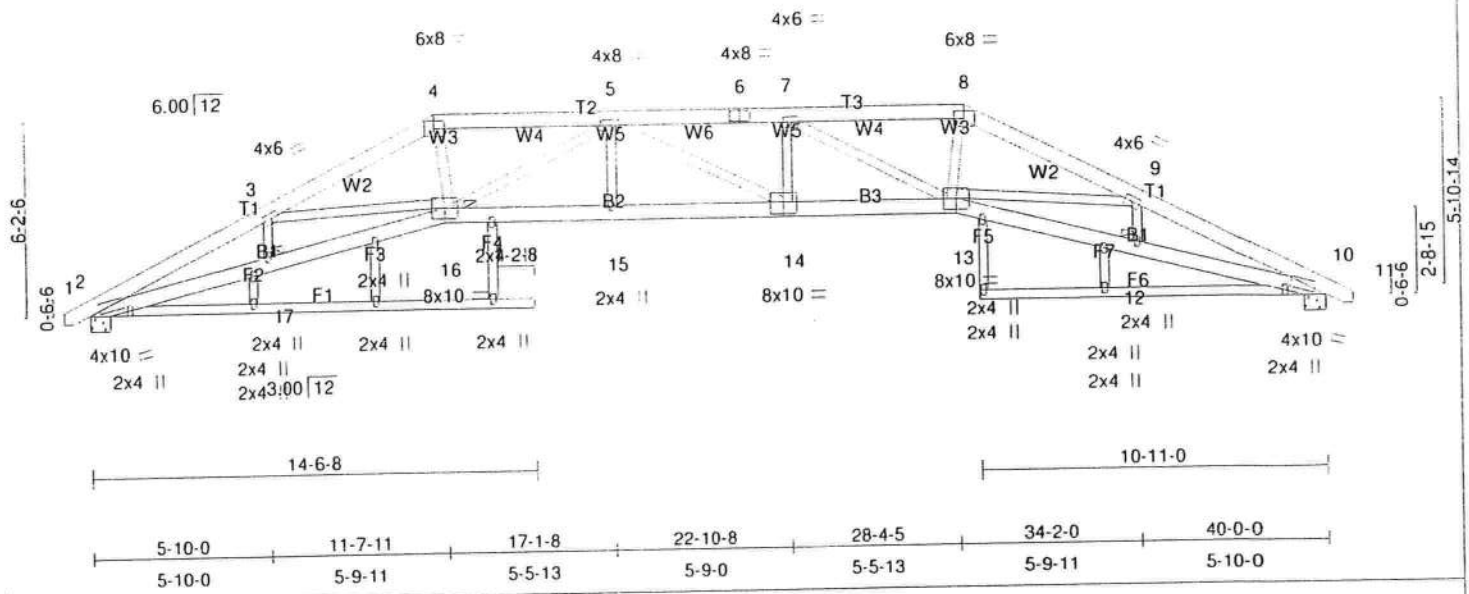
-0-10-8	5-10-0	11-4-0	17-1-8	22-10-8	28-8-0	34-2-0	40-0-0	40-10-8
0-10-8	5-10-0	5-6-0	5-9-8	5-9-0	5-9-8	5-6-0	5-10-0	0-10-8

Scale = 1:71.2



5-10-0	11-7-11	17-1-8	22-10-8	28-4-5	34-2-0	40-0-0
5-10-0	5-9-11	5-5-13	5-9-0	5-5-13	5-9-11	5-10-0

Plate Offsets (X,Y): [2:0-3-8,0-2-0], [10:0-3-8,0-2-0], [14:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.49	14-15	>960	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.98	14-15	>483	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.61	10	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 311 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.1D *Except*
F1 2 X 4 SYP No.2, F6 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2 *Except*
F4 2 X 4 SYP No.3, F3 2 X 4 SYP No.3, F2 2 X 4 SYP No.3
F5 2 X 4 SYP No.3, F7 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-9-5 oc bracing.
JOINTS 1 Brace at Jt(s): 16, 17, 12

REACTIONS (lb/size) 2=1740/0-8-0, 10=1740/0-8-0
Max Horz 2=-100(LC 7)
Max Uplift2=-312(LC 6), 10=-312(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5366/1686, 3-4=-4999/1603, 4-5=-4622/1537, 5-6=-5438/1839, 6-7=-5438/1839, 7-8=-4622/1538, 8-9=-5000/1604, 9-10=-5366/1685, 10-11=0/11
BOT CHORD 2-17=-1414/4803, 16-17=-1420/4827, 15-16=-1547/5441, 14-15=-1547/5441, 13-14=-1542/5438, 12-13=-1420/4826, 10-12=-1413/4802
WEBS 3-17=0/182, 3-16=-225/245, 5-16=-1063/349, 5-15=0/216, 5-14=-102/95, 7-14=0/256, 7-13=-1058/343, 9-13=-224/261, 9-12=0/182, 8-13=-466/1906, 4-16=-467/1907

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 312 lb uplift at joint 2 and 312 lb uplift at joint 10.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50038 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HGRD7	HIP	1	1	Job Reference (optional)

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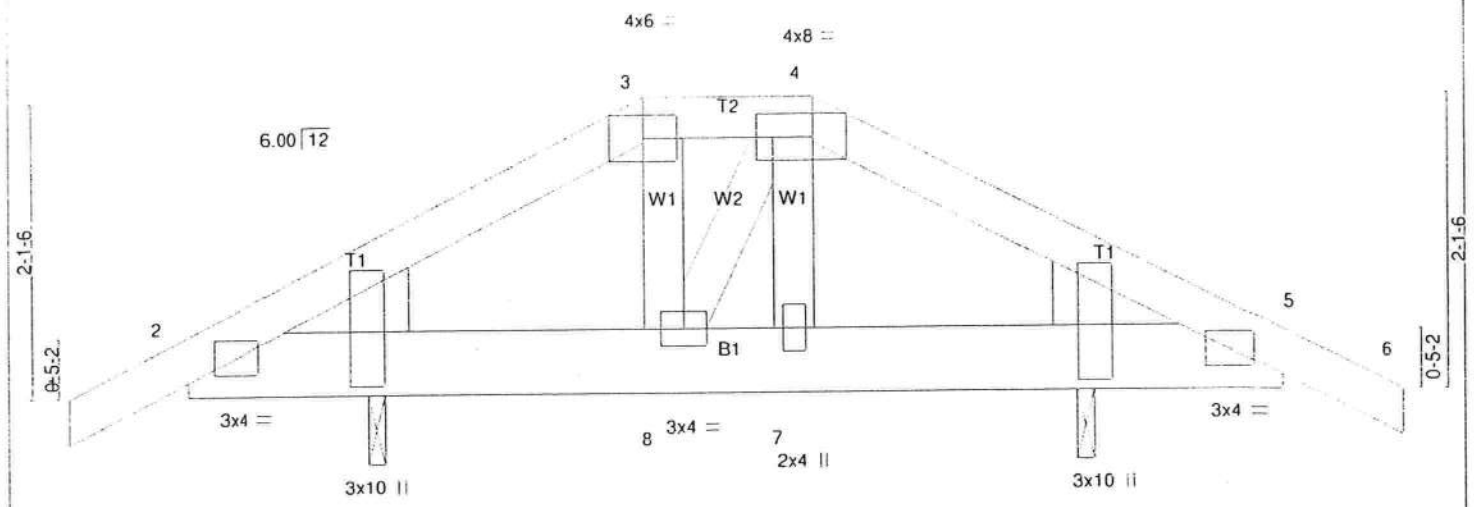
-0-10-8 | 3-4-8 | 4-7-8 | 8-0-0 | 8-10-8
0-10-8 | 3-4-8 | 1-3-0 | 3-4-8 | 0-10-8

Scale: 3/4"=1'



1-3-4 | 1-4-0 | 3-4-8 | 4-7-8 | 6-8-0 | 8-0-0
1-3-4 | 0-0-12 | 2-0-8 | 1-3-0 | 2-0-8 | 1-4-0

Plate Offsets (X,Y): [2:0-0-7,1-2-7], [2:0-2-5,0-0-10], [4:0-5-0,0-2-0], [5:0-2-5,0-0-10], [5:0-0-7,1-2-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.01	8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.02	7	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.03	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 46 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2
WEDGE
Left: 2 X 6 SYP No.2, Right: 2 X 6 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) 2=490/0-1-8, 5=490/0-1-8
Max Horz 2=46(LC 5)
Max Uplift2=-213(LC 7), 5=-213(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/17, 2-3=-678/246, 3-4=-579/238, 4-5=-674/247, 5-6=0/17
BOT CHORD 2-8=-189/567, 7-8=-182/575, 5-7=-184/564
WEBS 3-8=0/168, 4-8=-13/29, 4-7=0/142

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 5.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 213 lb uplift at joint 2 and 213 lb uplift at joint 5.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 52 lb down and 96 lb up at 3-4-8, and 52 lb down and 96 lb up at 4-7-8 on top chord, and 56 lb down at 3-5-4, and 56 lb down at 4-6-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-46, 3-4=-46, 4-6=-46, 2-5=-40
Concentrated Loads (lb)
Vert: 3=-52(B) 4=-52(B) 8=-56(B) 7=-56(B)

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	T5	VALLEY	1	1	Job Reference (optional)

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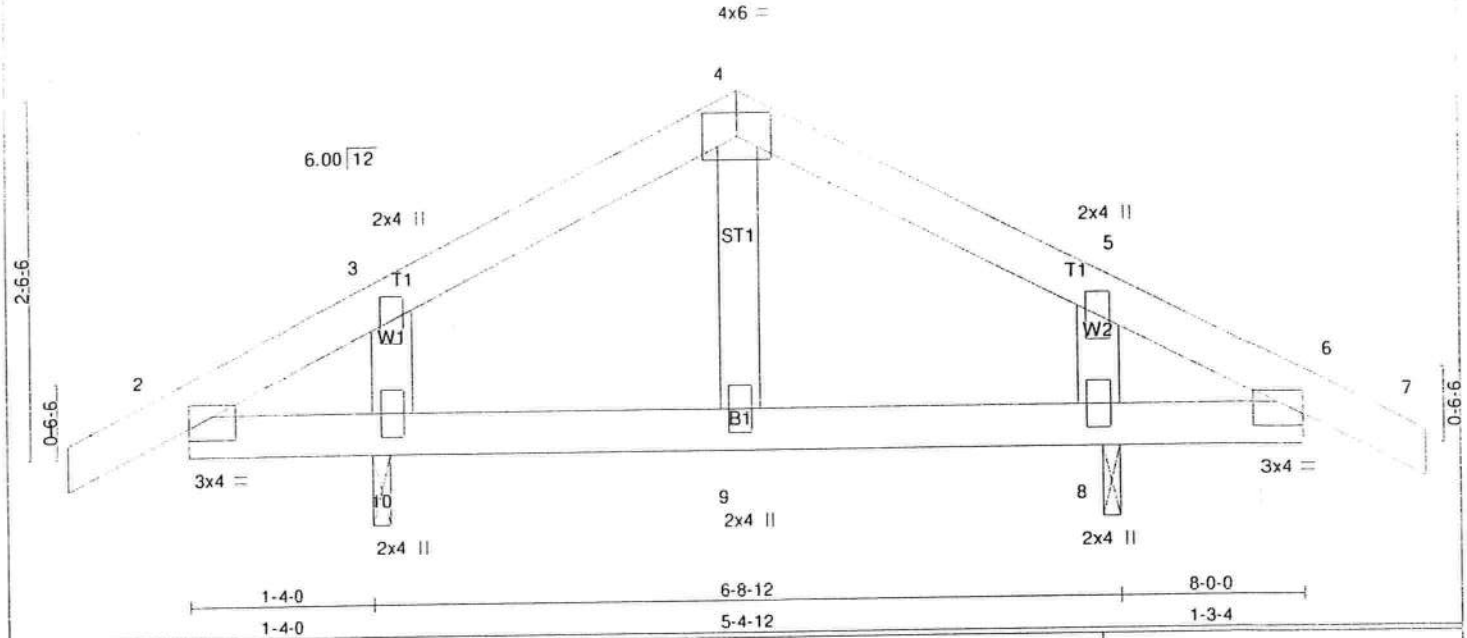
-0-10-8 | 4-0-0 | 8-0-0 | 8-10-8
0-10-8 | 4-0-0 | 4-0-0 | 0-10-8
Scale = 1:15.7



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.01	9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.02	9	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(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.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 10-0-0 oc bracing.

REACTIONS (lb/size) 10=389/0-1-8, 8=380/0-1-8
Max Horz 10=44(LC 6)
Max Uplift10=-137(LC 6), 8=-135(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-134/33, 3-4=-66/11, 4-5=-68/8, 5-6=-136/32, 6-7=0/10
BOT CHORD 2-10=0/145, 9-10=0/145, 8-9=0/145, 6-8=0/145
WEBS 4-9=-11/100, 3-10=-193/176, 5-8=-190/176

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 10, 8.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint 10 and 135 lb uplift at joint 8.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J3	MONO TRUSS	4	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:56 2008 Page 1

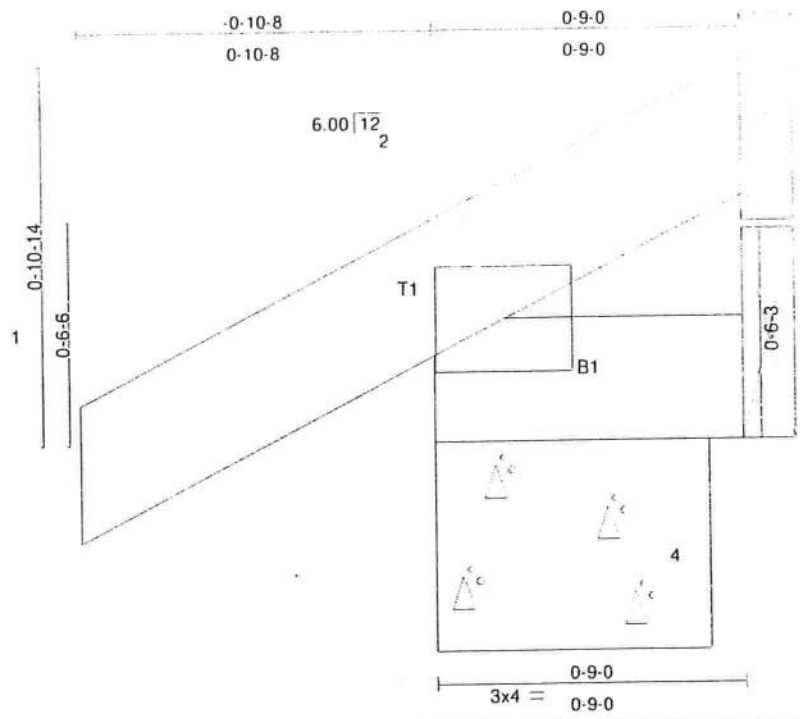


Plate Offsets (X,Y): [2:0-0-1,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.10	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.00	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 4 lb	

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

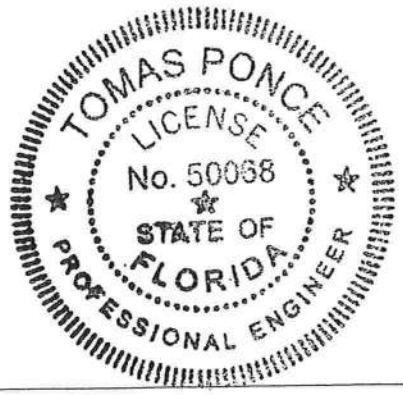
BRACING
TOP CHORD Structural wood sheathing directly applied or 0-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=75/0-8-0, 3=7/Mechanical, 4=8/Mechanical
Max Horz 2=39(LC 6)
Max Uplift2=-63(LC 6), 3=-17(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-20/4
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 2 and 17 lb uplift at joint 3.
6) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard



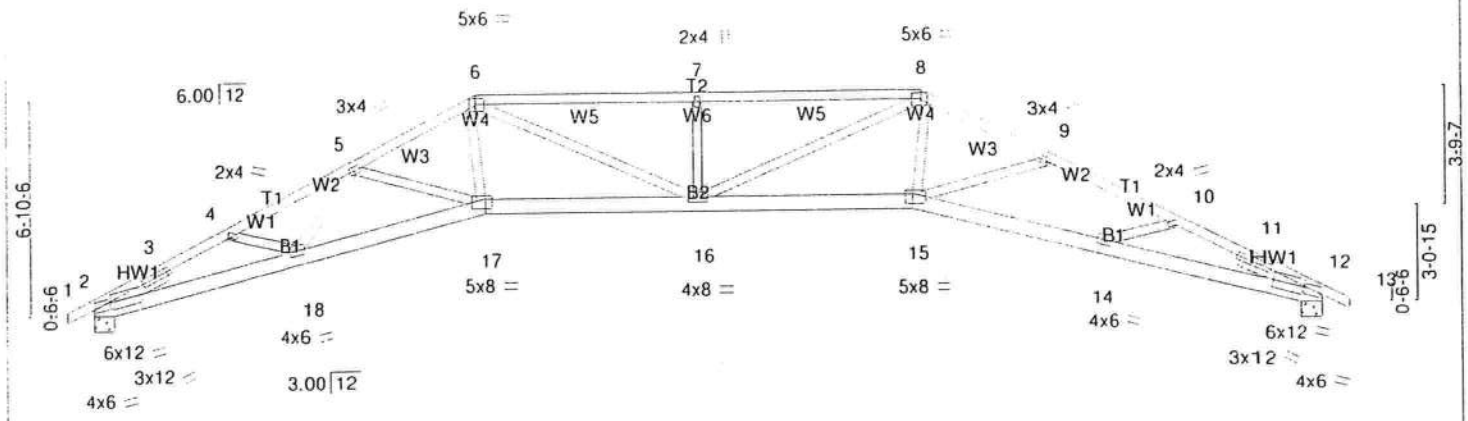
JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS5	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:42 2008 Page 1

-0-10-8	4-6-12	8-7-10	12-8-0	20-0-0	27-4-0	31-4-6	35-5-4	40-0-0	40-10-8
0-10-8	4-6-12	4-0-14	4-0-6	7-4-0	7-4-0	4-0-6	4-0-14	4-6-12	0-10-8

Scale = 1:71.5



	6-8-12	12-11-11	20-0-0	27-0-5	33-3-4	40-0-0
	6-8-12	6-2-15	7-0-5	7-0-5	6-2-15	6-8-12

Plate Offsets (X,Y): [2:0-2-1,0-3-0], [2:0-1-6,0-2-9], [6:0-3-8,0-2-4], [8:0-3-8,0-2-4], [12:0-1-6,0-2-9], [12:0-2-1,0-3-0], [15:0-6-4,0-3-0], [17:0-6-4,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.79	Vert(LL)	-0.57	16	>829	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-1.13	16	>419	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.29	Horz(TL)	0.69	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 235 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2
SLIDER Left 2 X 4 SYP No.2 2-2-8, Right 2 X 4 SYP No.2 2-2-8

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-0-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-10-5 oc bracing.

REACTIONS (lb/size) 2=1747/0-8-0, 12=1747/0-8-0
Max Horz 2=-111(LC 7)
Max Uplift2=-334(LC 6), 12=-334(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-4810/1540, 3-4=-4761/1547, 4-5=-4913/1507, 5-6=-4690/1492, 6-7=-4931/1651, 7-8=-4931/1651, 8-9=-4690/1492, 9-10=-4913/1507, 10-11=-4761/1547, 11-12=-4810/1540, 12-13=0/10
BOT CHORD 2-18=-1277/4247, 17-18=-1282/4604, 16-17=-1078/4294, 15-16=-1078/4294, 14-15=-1282/4604, 12-14=-1277/4247
WEBS 4-18=0/348, 5-18=-83/124, 5-17=-297/223, 6-16=-293/858, 7-16=-360/335, 8-16=-293/858, 9-15=-297/229, 9-14=-83/136, 10-14=-3/348, 6-17=-317/1539, 8-15=-317/1539

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 334 lb uplift at joint 2 and 334 lb uplift at joint 12.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS5A	SPECIAL	1	1	Job Reference (optional)

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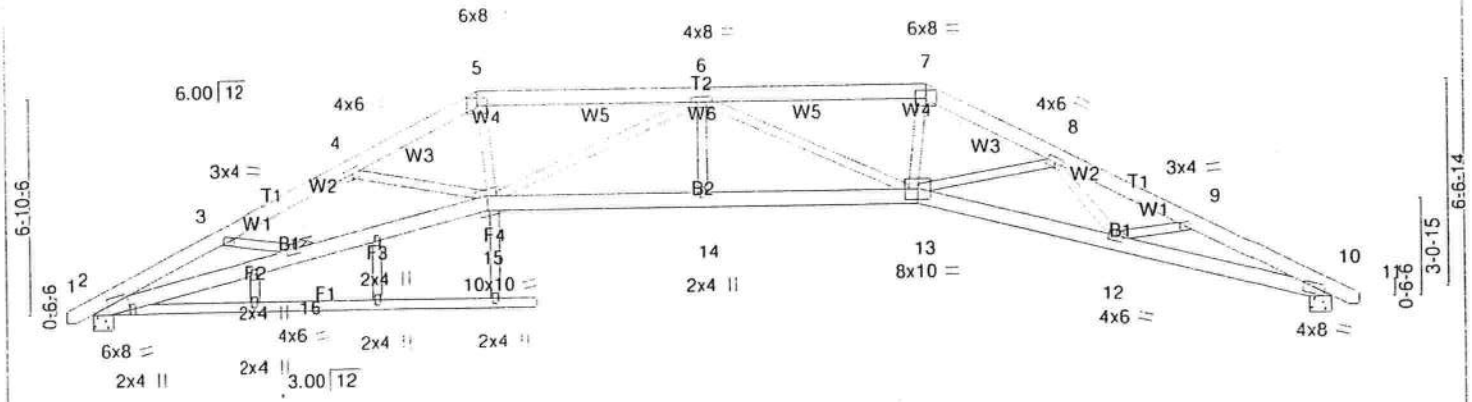
-0-10-8	4-5-3	8-6-13	12-8-0	20-0-0	27-4-0	31-5-3	35-6-13	40-0-0	40-10-8
0-10-8	4-5-3	4-1-11	4-1-3	7-4-0	7-4-0	4-1-3	4-1-11	4-5-3	0-10-8

Scale = 1:71.1



6-7-9	12-11-11	20-0-0	27-0-5	33-4-7	40-0-0
6-7-9	6-4-1	7-0-5	7-0-5	6-4-1	6-7-9

Plate Offsets (X,Y): [2:0-6-8,Edge], [10:0-2-12,0-0-13], [15:0-4-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.46	14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.96	Vert(TL)	-0.92	14-15	>515	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.71	Horz(TL)	0.62	10	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 294 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2 *Except*
F1 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2 *Except*
F4 2 X 4 SYP No.3, F3 2 X 4 SYP No.3, F2 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-8-6 oc bracing.
JOINTS 1 Brace at Jt(s): 16

REACTIONS (lb/size) 2=1740/0-8-0, 10=1740/0-8-0
Max Horz 2=110(LC 6)
Max Uplift2=-325(LC 6), 10=-325(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5064/1643, 3-4=-5220/1601, 4-5=-4808/1528, 5-6=-4436/1452, 6-7=-4436/1452, 7-8=-4808/1528, 8-9=-5220/1601, 9-10=-5064/1643, 10-11=0/11
BOT CHORD 2-16=-1377/4489, 15-16=-1348/4781, 14-15=-1367/5048, 13-14=-1367/5048, 12-13=-1348/4781, 10-12=-1377/4489
WEBS 3-16=0/391, 4-16=0/145, 4-15=-347/241, 6-15=-831/291, 6-14=0/274, 6-13=-831/289, 8-13=-347/248, 8-12=0/145, 9-12=-6/391, 7-13=-434/1844, 5-15=-434/1844

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 325 lb uplift at joint 2 and 325 lb uplift at joint 10.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50088 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	JGRD2	JACK	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

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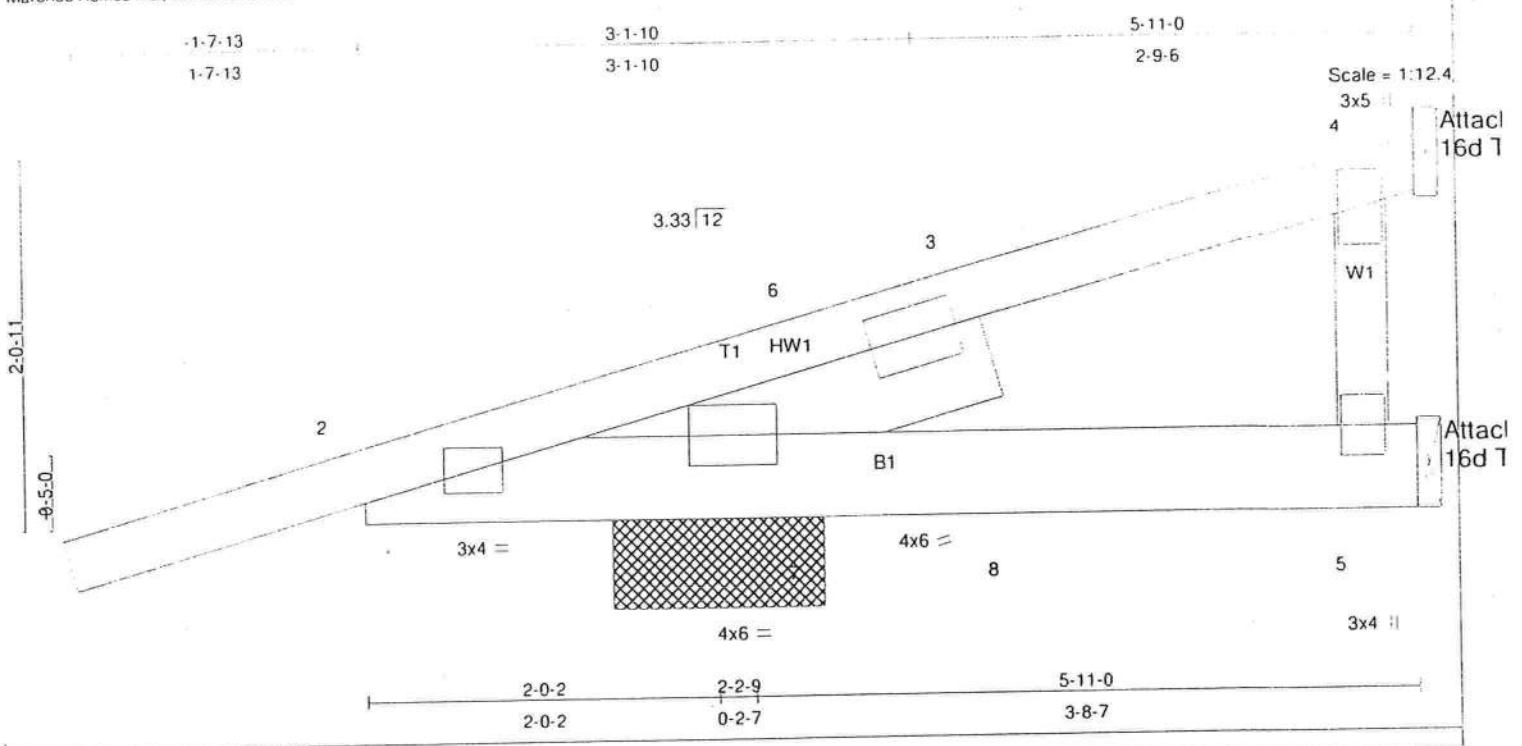

Plate Offsets (X,Y): [2:0-7-5,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.01	2-5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.03	2-5	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 33 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2
SLIDER Left 2 X 6 SYP No.2 2-4-4

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

REACTIONS (lb/size) 2=300/1-2-5, 4=88/Mechanical, 5=108/Mechanical
Max Horz 2=94(LC 7)
Max Uplift2=-162(LC 7), 4=-90(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/19, 2-6=-42/0, 3-6=-26/0, 3-4=-29/17
BOT CHORD 2-7=0/0, 7-8=0/0, 5-8=0/0
WEBS 4-5=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 162 lb uplift at joint 2 and 90 lb uplift at joint 4.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 32 lb down and 36 lb up at 2-6-14, and 14 lb down and 20 lb up at 3-8-7 on top chord, and 4 lb up at 2-6-14, and 4 lb up at 3-8-7 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 2-5=-40
Concentrated Loads (lb)
Vert: 3=20(F) 6=36(B) 7=4(B) 8=4(F)

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J4	JACK	4	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:57 2008 Page 1

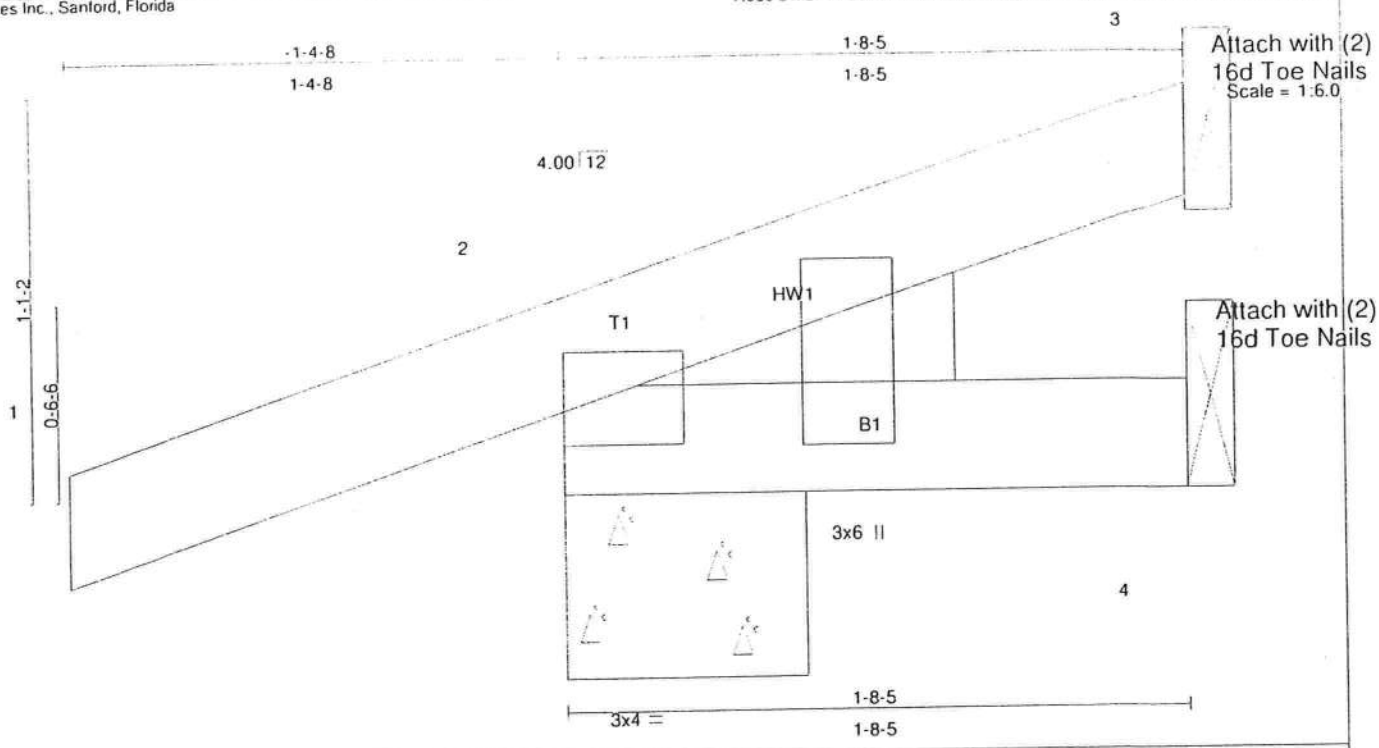

Plate Offsets (X,Y): [2:0-0-0,0-1-1], [2:0-1-3,0-7-15]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.02	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 9 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-8-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=165/0-8-0, 4=32/Mechanical, 3=7/Mechanical
Max Horz 2=48(LC 4)
Max Uplift2=-129(LC 4), 3=-15(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-29/8
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 2 and 15 lb uplift at joint 3.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS4	SPECIAL	1	1	Job Reference (optional)

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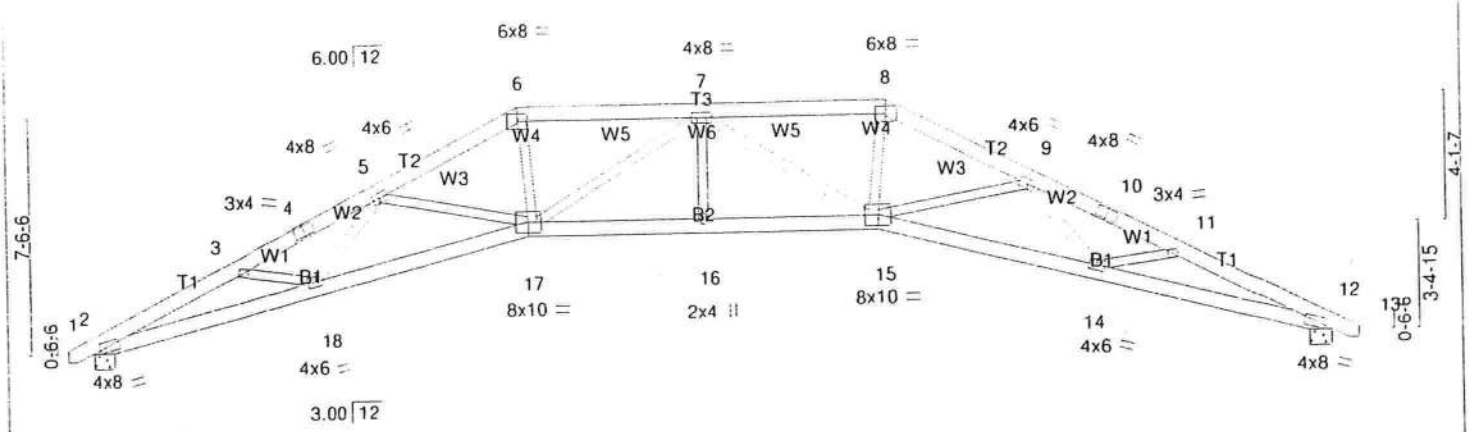
-0-10-8	4-10-8	9-5-8	14-0-0	20-0-0	26-0-0	30-6-8	35-1-8	40-0-0	40-10-8
0-10-8	4-10-8	4-7-0	4-6-8	6-0-0	6-0-0	4-6-8	4-7-0	4-10-8	0-10-8

Scale = 1:71.1



7-3-9	14-3-11	20-0-0	25-8-5	32-8-7	40-0-0
7-3-9	7-0-1	5-8-5	5-8-5	7-0-1	7-3-9

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.43	16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.86	16	>550	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.61	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 268 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-14 oc bracing.

REACTIONS (lb/size) 2=1740/0-8-0, 12=1740/0-8-0
Max Horz 2=120(LC 6)
Max Uplift2=-337(LC 6), 12=-337(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5167/1657, 3-4=-5245/1568, 4-5=-5206/1579, 5-6=-4600/1433, 6-7=-4220/1361, 7-8=-4220/1361, 8-9=-4600/1433, 9-10=-5206/1579, 10-11=-5245/1568, 11-12=-5167/1657, 12-13=0/11
BOT CHORD 2-18=-1393/4605, 17-18=-1299/4722, 16-17=-1147/4554, 15-16=-1147/4554, 14-15=-1299/4722, 12-14=-1393/4605
WEBS 3-18=0/323, 5-18=0/244, 5-17=-493/288, 7-17=-552/228, 7-16=0/199, 7-15=-552/225, 9-15=-493/289, 9-14=0/244, 11-14=0/323, 6-17=-418/1776, 8-15=-418/1776

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 337 lb uplift at joint 2 and 337 lb uplift at joint 12.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

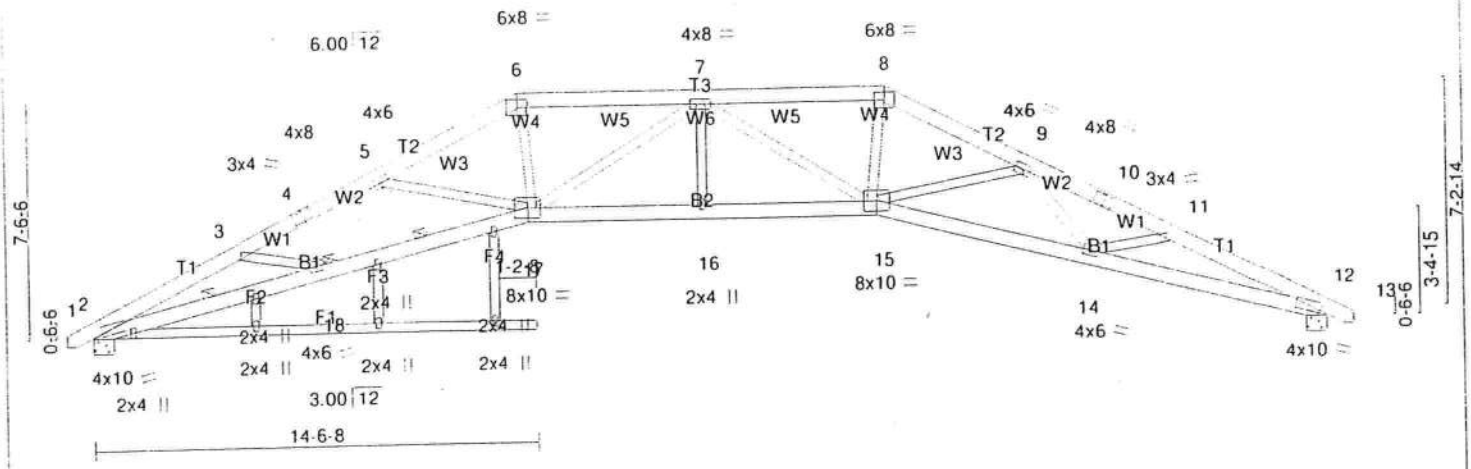
JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS4A	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:40 2008 Page 1

-0-10-8	5-0-1	9-6-4	14-0-0	20-0-0	26-0-0	30-5-12	34-11-15	40-0-0	40-10-8
0-10-8	5-0-1	4-6-4	4-5-12	6-0-0	6-0-0	4-5-12	4-6-4	5-0-1	0-10-8

Scale = 1:71.4



7-4-12	14-3-11	20-0-0	25-8-5	32-7-4	40-0-0
7-4-12	6-10-15	5-8-5	5-8-5	6-10-15	7-4-12

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.43	16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.85	Vert(TL)	-0.86	16	>548	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.61	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 296 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2 *Except*
F1 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2 *Except*
F4 2 X 4 SYP No.3, F3 2 X 4 SYP No.3, F2 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-13 oc bracing. Except:
6-8-0 oc bracing: 2-18
6-11-0 oc bracing: 17-18
JOINTS 1 Brace at Jt(s): 18

REACTIONS (lb/size) 2=1740/0-8-0, 12=1740/0-8-0
Max Horz 2=120(LC 6)
Max Uplift2=-337(LC 6), 12=-337(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5188/1662, 3-4=-5244/1571, 4-5=-5207/1581, 5-6=-4598/1434, 6-7=-4219/1361, 7-8=-4219/1361, 8-9=-4598/1434, 9-10=-5207/1581, 10-11=-5244/1571, 11-12=-5188/1662, 12-13=0/11
BOT CHORD 2-18=-1397/4629, 17-18=-1294/4716, 16-17=-1147/4555, 15-16=-1147/4555, 14-15=-1294/4716, 12-14=-1397/4629
WEBS 3-18=0/302, 5-18=0/252, 5-17=-489/284, 7-17=-553/227, 7-16=0/202, 7-15=-553/225, 9-15=-489/285, 9-14=0/252, 11-14=0/302, 6-17=-419/1776, 8-15=-419/1776

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 337 lb uplift at joint 2 and 337 lb uplift at joint 12.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50658 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J5	MONO TRUSS	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:58 2008 Page 1

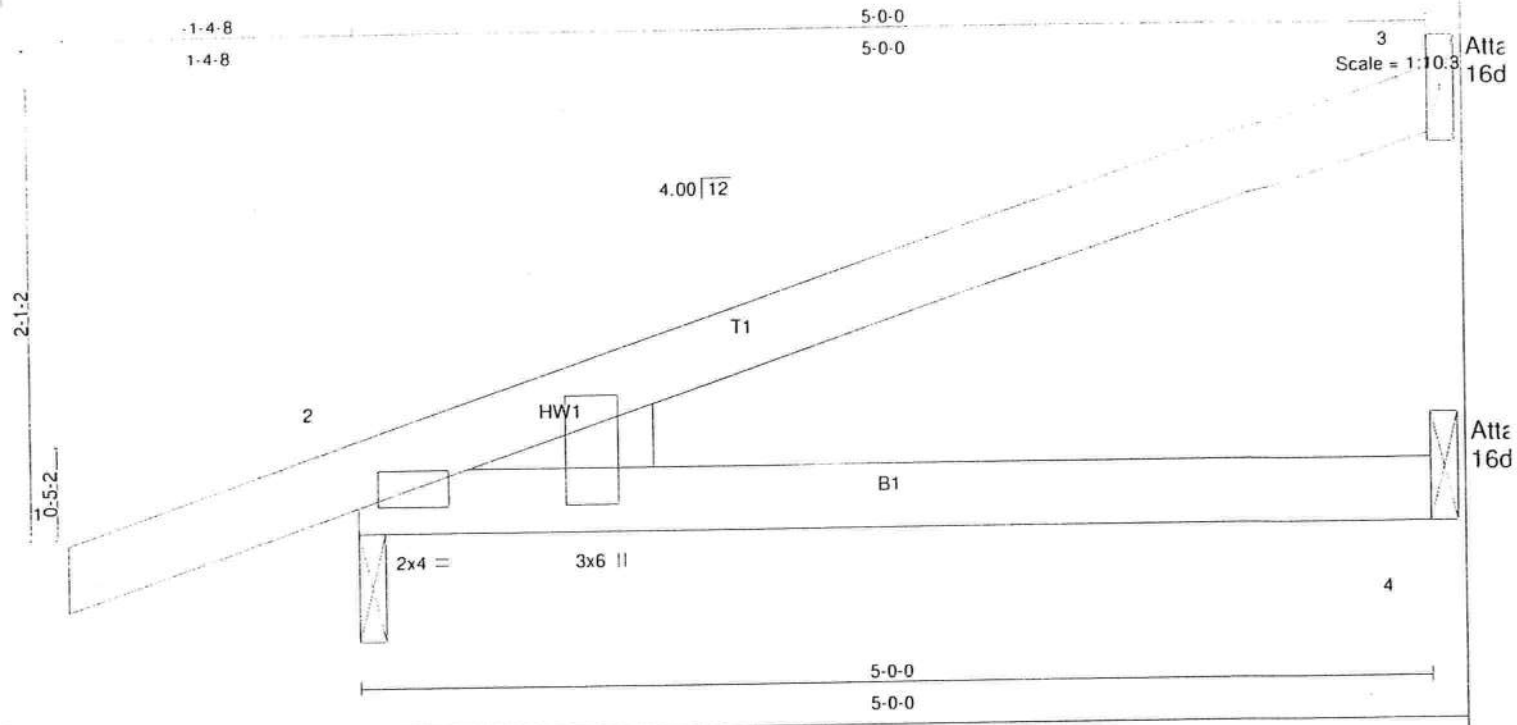


Plate Offsets (X,Y): [2:0-1-2,0-0-1], [2:0-0-1,0-11-11]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.07	2-4	>789	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 19 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEDGE
Left: 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=285/0-1-8, 4=98/Mechanical
Max Horz 2=95(LC 4)
Max Uplift3=-81(LC 4), 2=-132(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/15, 2-3=-48/27
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 3 and 132 lb uplift at joint 2.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50088 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	MS1S	SPECIAL	4	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:43:16 2008 Page 1

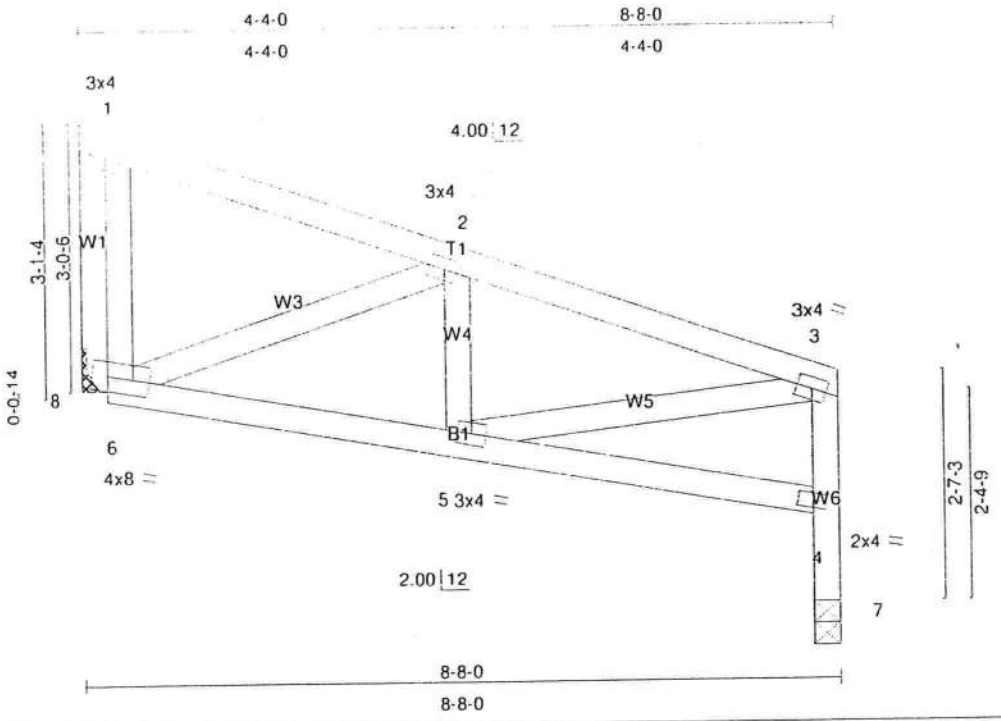


Plate Offsets (X,Y): [1:0-0-0,0-0-0], [2:0-0-0,0-0-0], [3:0-0-0,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.01	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.21	Vert(TL)	-0.03	4-5	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 52 lb	

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

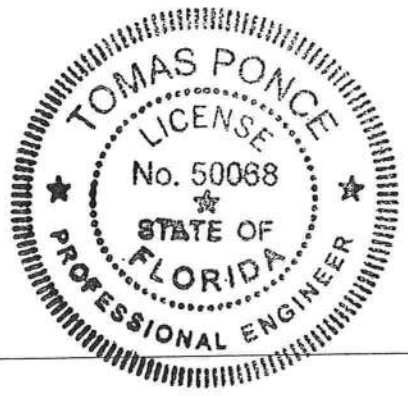
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 7=361/0-3-8, 8=334/Mechanical
Max Horz 8=-112(LC 5)
Max Uplift7=-70(LC 5), 8=-100(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-6=-74/280, 1-2=-78/0, 2-3=-482/128, 4-7=-361/101, 3-4=-295/119
BOT CHORD 5-6=-94/454, 4-5=-8/17
WEBS 2-6=-426/218, 3-5=-89/446, 2-5=0/108, 1-8=-336/136, 6-8=0/117

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 7 and 100 lb uplift at joint 8.

LOAD CASE(S) Standard



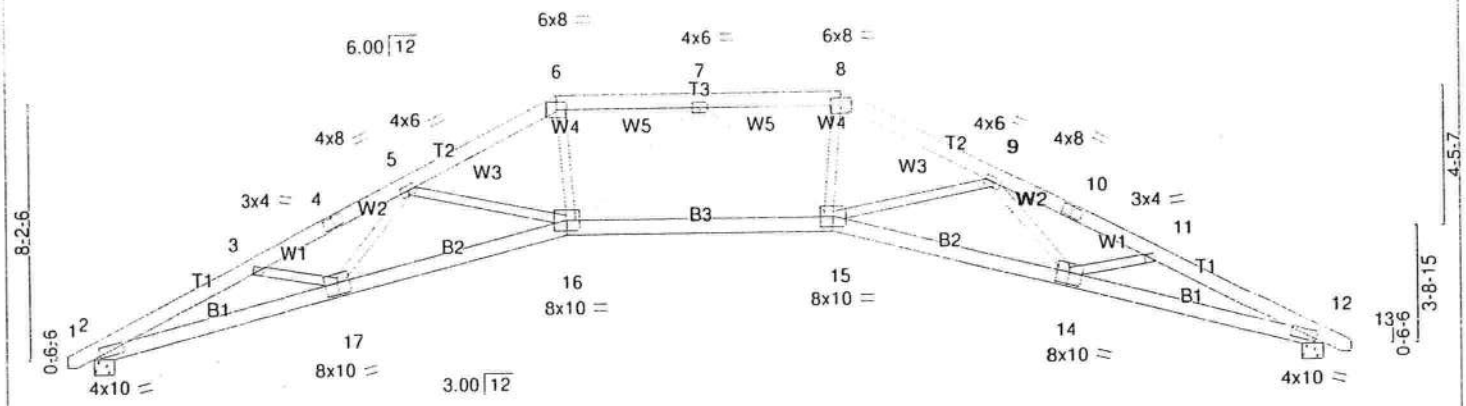
JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS3	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:34 2008 Page 1

-0-10-8	5-5-6	10-4-15	15-4-0	20-0-0	24-8-0	29-7-1	34-6-10	40-0-0	40-10-8
0-10-8	5-5-6	4-11-9	4-11-1	4-8-0	4-8-0	4-11-1	4-11-9	5-5-6	0-10-8

Scale = 1:71.4



8-0-12	15-7-11	24-4-5	31-11-4	40-0-0
8-0-12	7-6-15	8-8-11	7-6-15	8-0-12

Plate Offsets (X,Y): [2:0-4-12,0-2-0], [12:0-4-12,0-2-0], [14:0-5-0,0-4-8], [17:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.44	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.88	15-16	>537	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.61	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 265 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-11 oc bracing.

REACTIONS (lb/size) 2=1740/0-8-0, 12=1740/0-8-0
Max Horz 2=130(LC 6)
Max Uplift2=-348(LC 6), 12=-348(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5250/1670, 3-4=-5233/1543, 4-5=-5186/1554, 5-6=-4422/1331, 6-7=-4029/1265, 7-8=-4029/1265, 8-9=-4422/1331, 9-10=-5186/1554, 10-11=-5233/1543, 11-12=-5250/1670, 12-13=0/11
BOT CHORD 2-17=-1404/4703, 16-17=-1232/4646, 15-16=-971/4108, 14-15=-1232/4646, 12-14=-1404/4703
WEBS 3-17=0/240, 5-17=-7/353, 5-16=-595/349, 7-16=-261/210, 7-15=-261/208, 9-15=-595/349, 9-14=-17/353, 11-14=0/240, 6-16=-388/1703, 8-15=-388/1703

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 348 lb uplift at joint 2 and 348 lb uplift at joint 12.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS3A	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:36 2008 Page 1

-0-10-8	5-3-13	10-4-3	15-4-0	20-0-0	24-8-0	29-7-13	34-8-3	40-0-0	40-10-8
0-10-8	5-3-13	5-0-5	4-11-13	4-8-0	4-8-0	4-11-13	5-0-5	5-3-13	0-10-8

Scale = 1:71.4

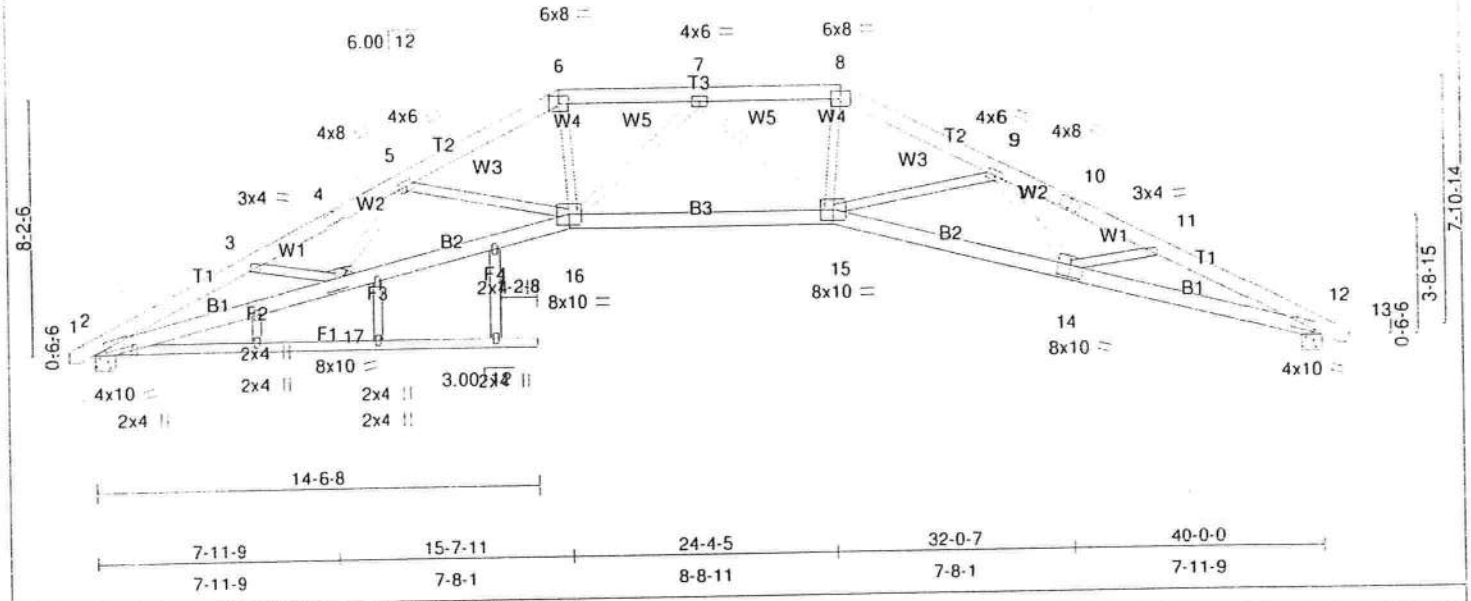


Plate Offsets (X,Y): [2:0-3-8,0-2-0], [14:0-5-0,0-4-8], [17:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.44	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.88	Vert(TL)	-0.88	15-16	>539	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.61	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 295 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2 *Except*
F1 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2 *Except*
F4 2 X 4 SYP No.3, F3 2 X 4 SYP No.3, F2 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-12 oc bracing. Except:
6-8-0 oc bracing: 2-17
7-1-0 oc bracing: 16-17
JOINTS 1 Brace at Jt(s): 17

REACTIONS (lb/size) 2=1740/0-8-0, 12=1740/0-8-0
Max Horz 2=-130(LC 7)
Max Uplift2=-348(LC 6), 12=-348(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5233/1668, 3-4=-5235/1541, 4-5=-5185/1552, 5-6=-4424/1330, 6-7=-4030/1265, 7-8=-4030/1265, 8-9=-4424/1330, 9-10=-5185/1552, 10-11=-5235/1541, 11-12=-5233/1668, 12-13=0/11
BOT CHORD 2-17=-1403/4685, 16-17=-1238/4654, 15-16=-971/4108, 14-15=-1238/4654, 12-14=-1403/4685
WEBS 3-17=0/258, 5-17=0/343, 5-16=-602/353, 7-16=-262/210, 7-15=-262/208, 9-15=-602/353, 9-14=-10/343, 11-14=0/258, 6-16=-386/1702, 8-15=-386/1702

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 348 lb uplift at joint 2 and 348 lb uplift at joint 12.

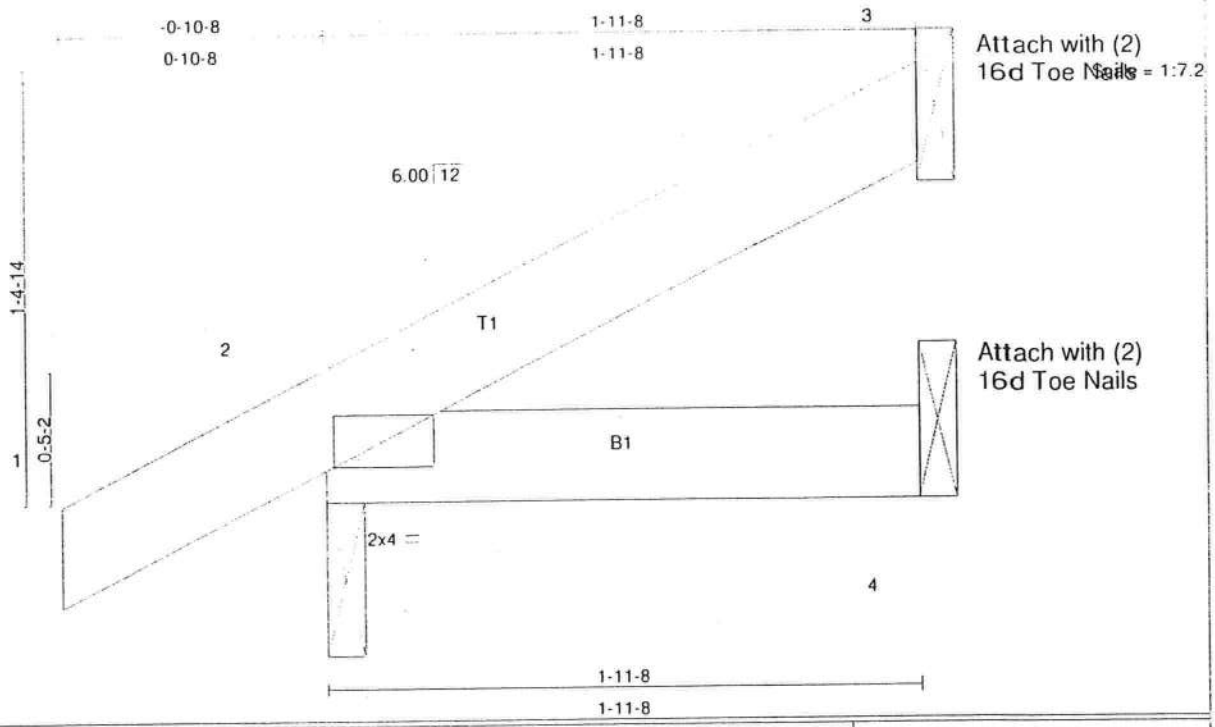
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J6	JACK	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:58 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.06	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 8 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 1-11-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=133/0-1-8, 4=39/Mechanical, 3=35/Mechanical
Max Horz 2=66(LC 6)
Max Uplift2=-71(LC 6), 3=-31(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/14, 2-3=-26/13
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 71 lb uplift at joint 2 and 31 lb uplift at joint 3.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J2	JACK	4	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:56 2008 Page 1

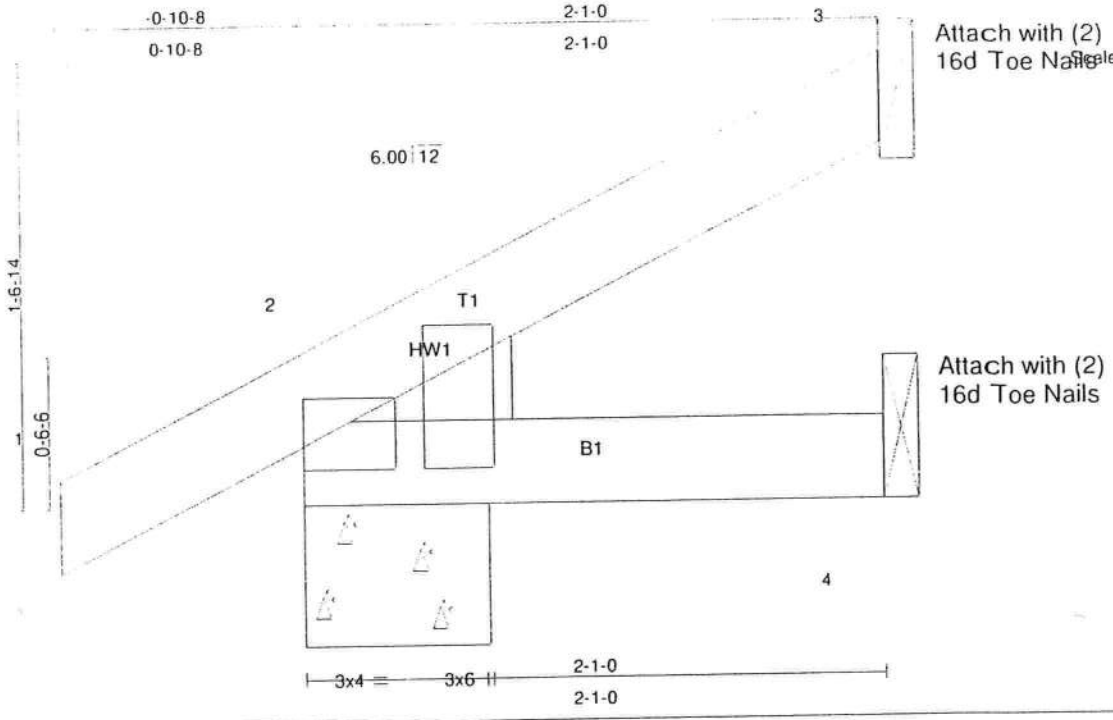


Plate Offsets (X,Y): [2:0-0-0,0-1-0], [2:0-0-15,0-5-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.10	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 9 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-1-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=19/Mechanical, 2=148/0-8-0, 4=34/Mechanical
Max Horz 2=65(LC 6)
Max Uplift3=-26(LC 5), 2=-93(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-35/7
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 26 lb uplift at joint 3 and 93 lb uplift at joint 2.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS2	SPECIAL	2	1	Job Reference (optional)

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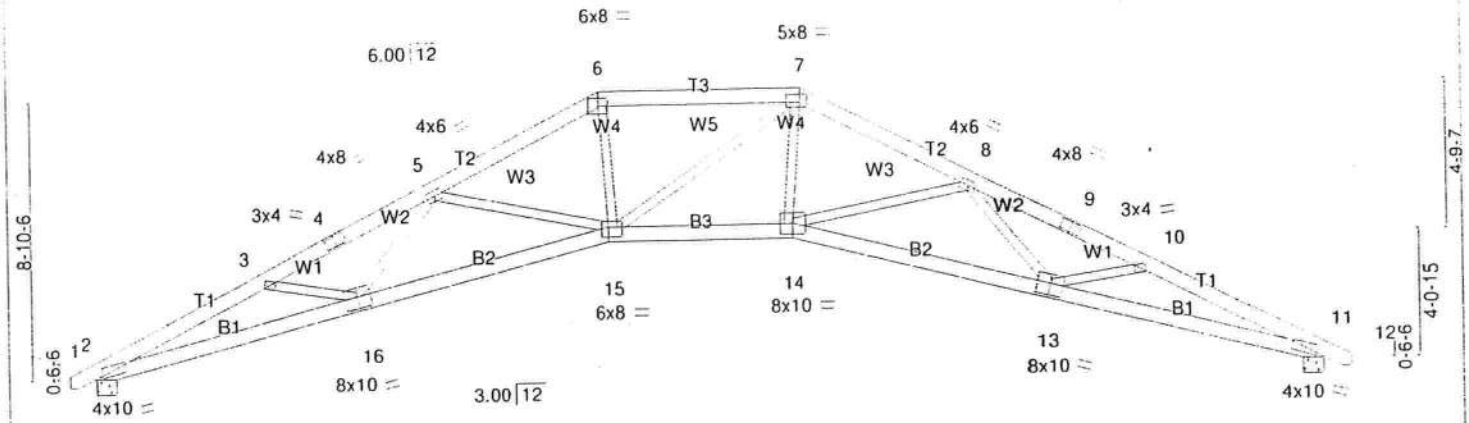
0-10-8	5-9-3	11-2-13	16-8-0	23-4-0	28-9-3	34-2-13	40-0-0	40-10-8
0-10-8	5-9-3	5-5-11	5-5-3	6-8-0	5-5-3	5-5-11	5-9-3	0-10-8

Scale = 1:71.4



8-7-9	16-11-11	23-0-5	31-4-7	40-0-0
8-7-9	8-4-1	6-0-11	8-4-1	8-7-9

Plate Offsets (X,Y): [2:0-4-12,0-2-0], [7:0-5-8,0-3-0], [11:0-4-12,0-2-0], [13:0-5-0,0-4-8], [15:0-5-4,0-3-12], [16:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.42	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.85	13-14	>557	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.61	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 265 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-9 oc bracing.

REACTIONS (lb/size) 2=1740/0-8-0, 11=1740/0-8-0
Max Horz 2=-140(LC 7)
Max Uplift2=-358(LC 6), 11=-358(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5295/1665, 3-4=-5227/1499, 4-5=-5187/1511, 5-6=-4205/1250, 6-7=-3813/1193, 7-8=-4132/1233, 8-9=-5192/1510, 9-10=-5232/1498, 10-11=-5298/1664, 11-12=0/11
BOT CHORD 2-16=-1400/4766, 15-16=-1173/4555, 14-15=-770/3814, 13-14=-1166/4527, 11-13=-1400/4768
WEBS 3-16=0/238, 5-16=-6/486, 5-15=-706/385, 7-15=-205/201, 8-14=-748/394, 8-13=-18/527, 10-13=0/252, 6-15=-307/1574, 7-14=-299/1556

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 358 lb uplift at joint 2 and 358 lb uplift at joint 11.

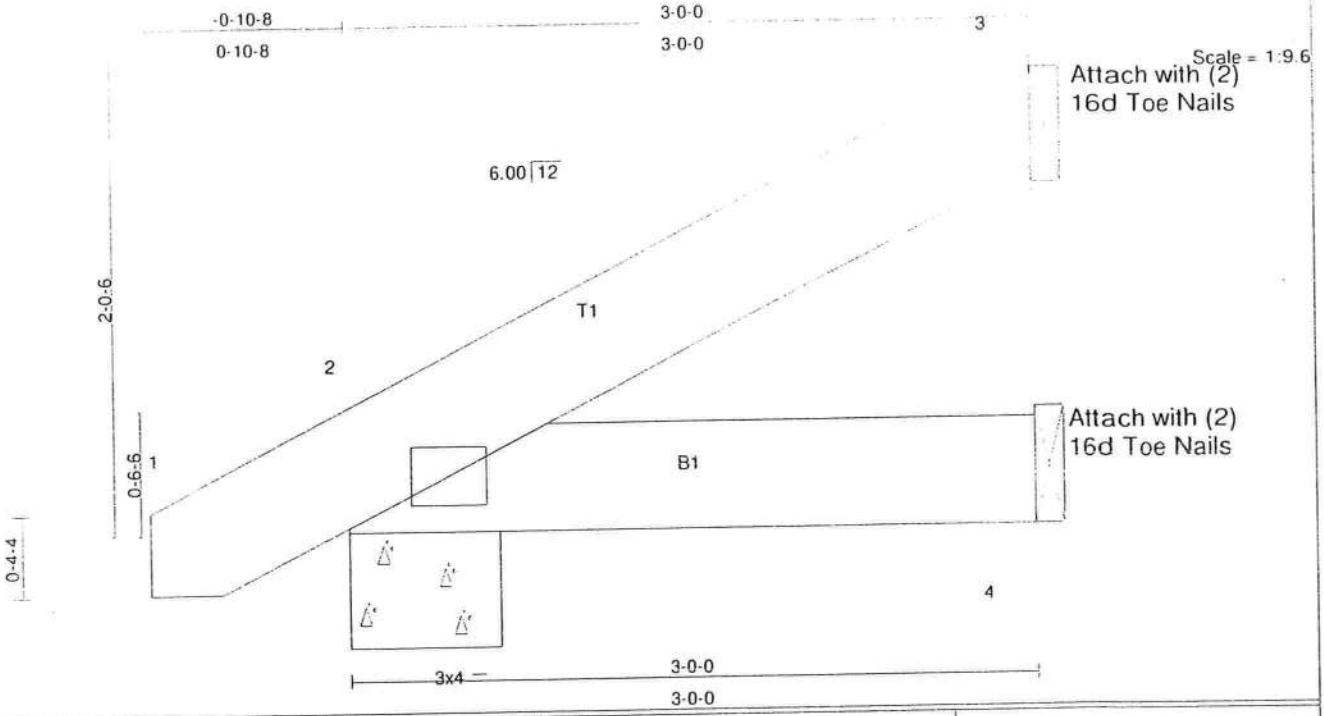
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J1	JACK	4	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:55 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.04	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 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=50/Mechanical, 2=170/0-8-0, 4=52/Mechanical
Max Horz 2=83(LC 6)
Max Uplift3=-48(LC 6), 2=-82(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/14, 2-3=-39/19
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 3 and 82 lb uplift at joint 2.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HS1	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

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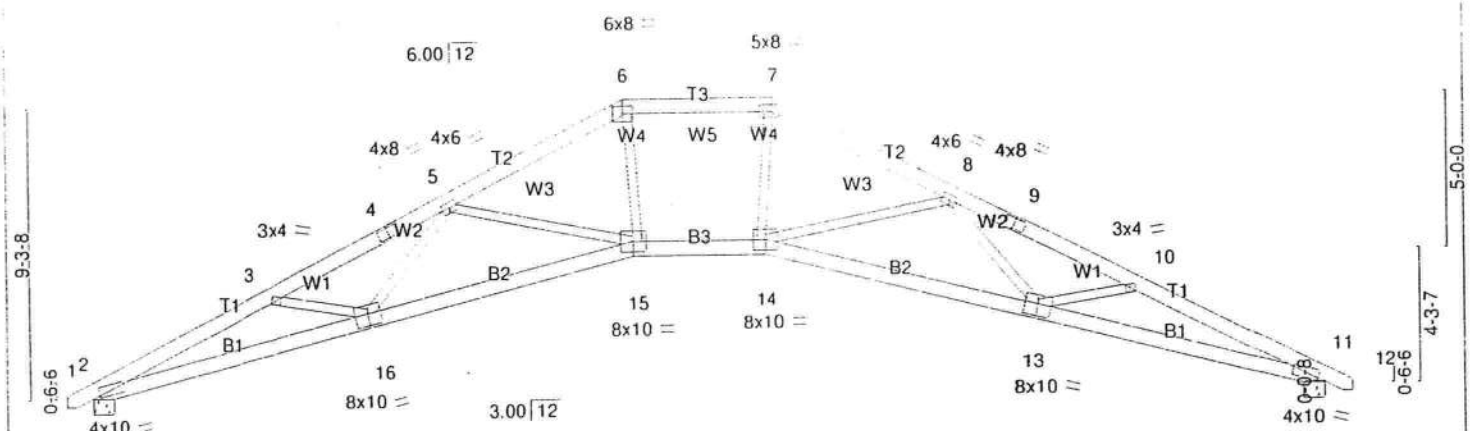
-0-10-8	6-0-9	11-9-10	17-6-3	22-5-13	28-2-6	33-11-7	40-0-0	40-10-8
0-10-8	6-0-9	5-9-1	5-8-9	4-11-10	5-8-9	5-9-1	6-0-9	0-10-8

Scale = 1:71.4



9-0-11	17-9-13	22-2-3	30-11-5	40-0-0
9-0-11	8-9-3	4-4-5	8-9-3	9-0-11

Plate Offsets (X,Y): [2:0-4-12,0-2-0], [7:0-5-8,0-2-12], [11:0-4-12,0-2-0], [13:0-5-0,0-4-8], [16:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.43	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.76	Vert(TL)	-0.87	13-14	>542	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.61	11	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 266 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-11 oc bracing.

REACTIONS (lb/size) 2=1740/0-8-0, 11=1740/0-8-0
Max Horz 2=-147(LC 7)
Max Uplift2=-364(LC 6), 11=-364(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/11, 2-3=-5315/1659, 3-4=-5207/1472, 4-5=-5137/1484, 5-6=-4063/1184, 6-7=-3673/1132, 7-8=-3990/1167, 8-9=-5142/1484, 9-10=-5213/1471, 10-11=-5318/1659, 11-12=0/11
BOT CHORD 2-16=-1394/4793, 15-16=-1133/4498, 14-15=-689/3668, 13-14=-1127/4472, 11-13=-1394/4796
WEBS 3-16=-22/261, 5-16=-9/552, 5-15=-787/428, 8-14=-831/438, 8-13=-22/592, 10-13=-18/273, 6-15=-316/1547, 7-14=-308/1530, 7-15=-183/192

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 364 lb uplift at joint 2 and 364 lb uplift at joint 11.

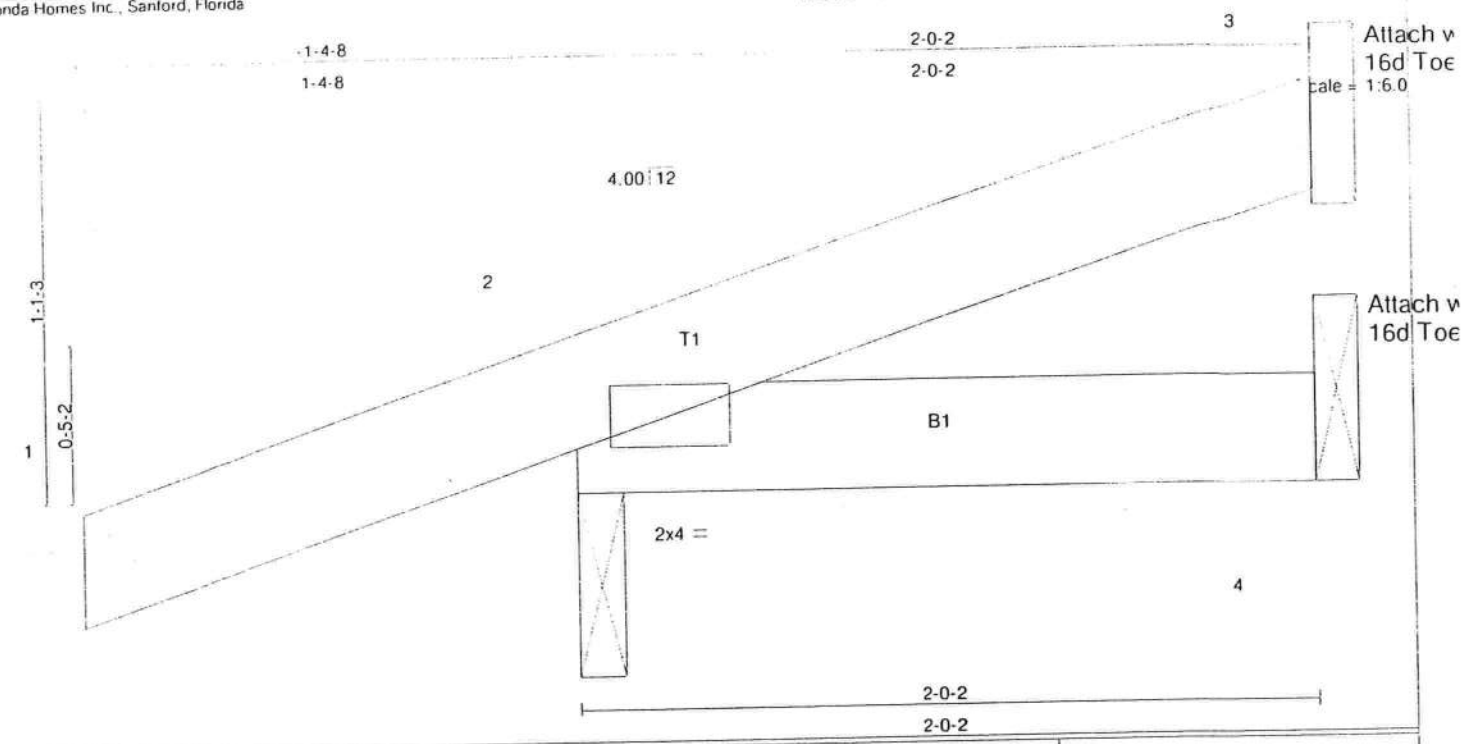
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J8	JACK	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:43:00 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 8 lb	

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

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

REACTIONS (lb/size) 3=18/Mechanical, 2=172/0-1-8, 4=38/Mechanical
Max Horz 2=54(LC 4)
Max Uplift3=-18(LC 5), 2=-128(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/15, 2-3=-26/4
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 18 lb uplift at joint 3 and 128 lb uplift at joint 2.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	GRD1S	COMMON	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:08 2008 Page 1

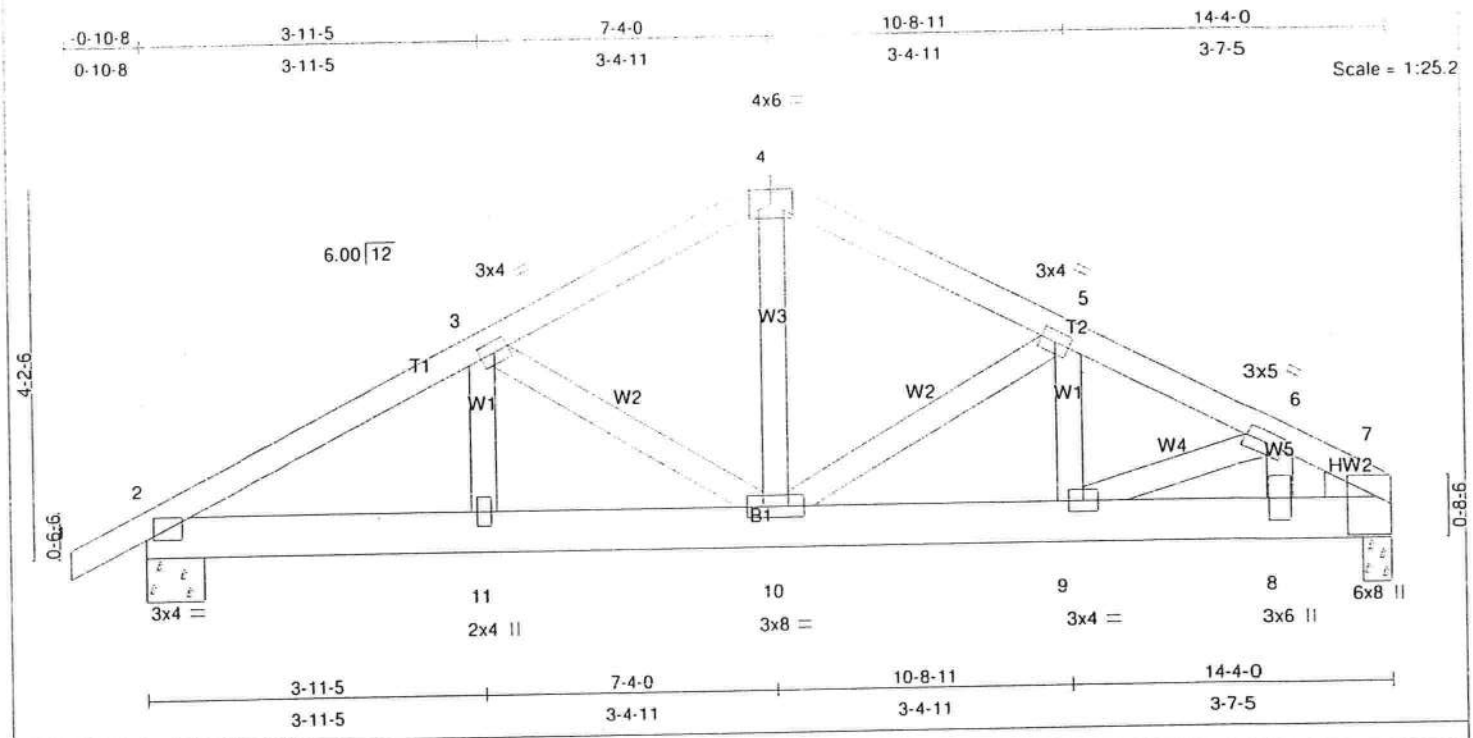


Plate Offsets (X,Y): [7:Edge,0-2-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.34	Vert(LL)	-0.02	10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.05	9	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 85 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.2
WEDGE
Right: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=768/0-8-0, 7=1924/0-4-0
Max Horz 2=77(LC 5)
Max Uplift2=-227(LC 5), 7=-608(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/13, 2-3=-1141/232, 3-4=-896/239, 4-5=-895/234, 5-6=-1487/408, 6-7=-2424/756
BOT CHORD 2-11=-207/948, 10-11=-207/948, 9-10=-305/1323, 8-9=-557/1842, 7-8=-557/1842
WEBS 3-11=0/133, 3-10=-227/93, 4-10=-113/604, 5-10=-668/271, 5-9=-122/479, 6-8=-373/1066, 6-9=-589/288

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 227 lb uplift at joint 2 and 608 lb uplift at joint 7.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1447 lb down and 541 lb up at 13-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 4-7=-46, 2-7=-40
Concentrated Loads (lb)
Vert: 8=-1447(F)

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	T2SA	COMMON	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:43:54 2008 Page 1

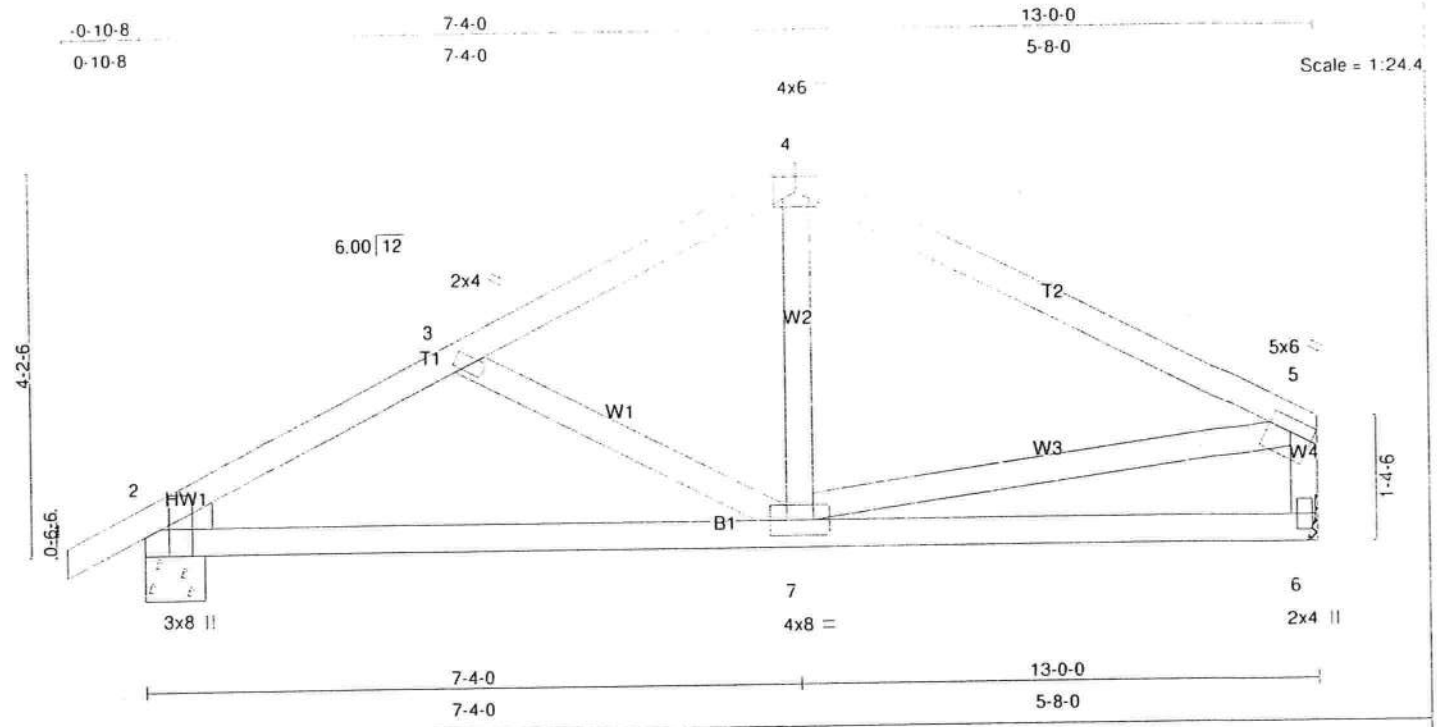


Plate Offsets (X,Y): [2:0-3-8,Edge], [5:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.05	2-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.13	2-7	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 64 lb	

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

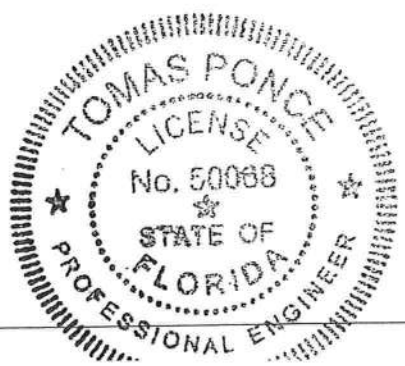
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=597/0-8-0, 6=536/Mechanical
Max Horz 2=103(LC 6)
Max Uplift2=-175(LC 6), 6=-94(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-719/261, 3-4=-578/206, 4-5=-601/196, 5-6=-438/193
BOT CHORD 2-7=-212/602, 6-7=-96/176
WEBS 4-7=0/283, 5-7=-28/320, 3-7=-164/130

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 175 lb uplift at joint 2 and 94 lb uplift at joint 6.

LOAD CASE(S) Standard



JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	MH2	MONO HIP	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

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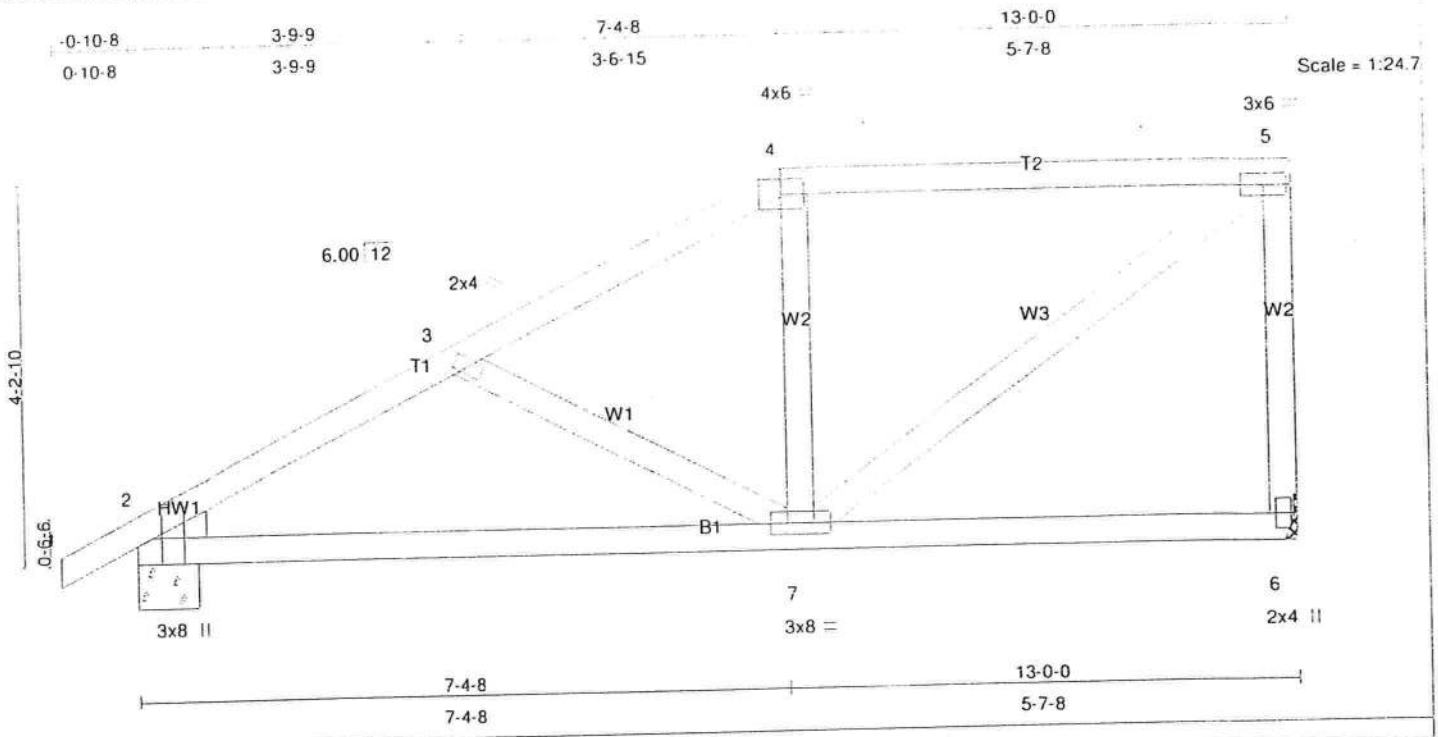


Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.20	Vert(LL)	-0.06	2-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.14	2-7	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.13	Horz(TL)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 69 lb	

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

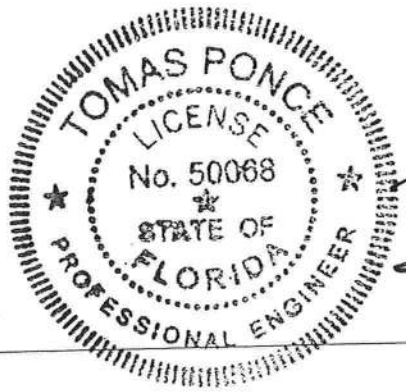
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=536/Mechanical, 2=597/0-8-0
Max Horz 2=177(LC 6)
Max Uplift6=-126(LC 5), 2=-160(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-712/220, 3-4=-566/160, 4-5=-476/184, 5-6=-447/236
BOT CHORD 2-7=-310/597, 6-7=-20/38
WEBS 3-7=-138/138, 4-7=0/150, 5-7=-205/544

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 126 lb uplift at joint 6 and 160 lb uplift at joint 2.

LOAD CASE(S) Standard



JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	CFGRD4	SPECIAL	1	1	Job Reference (optional)

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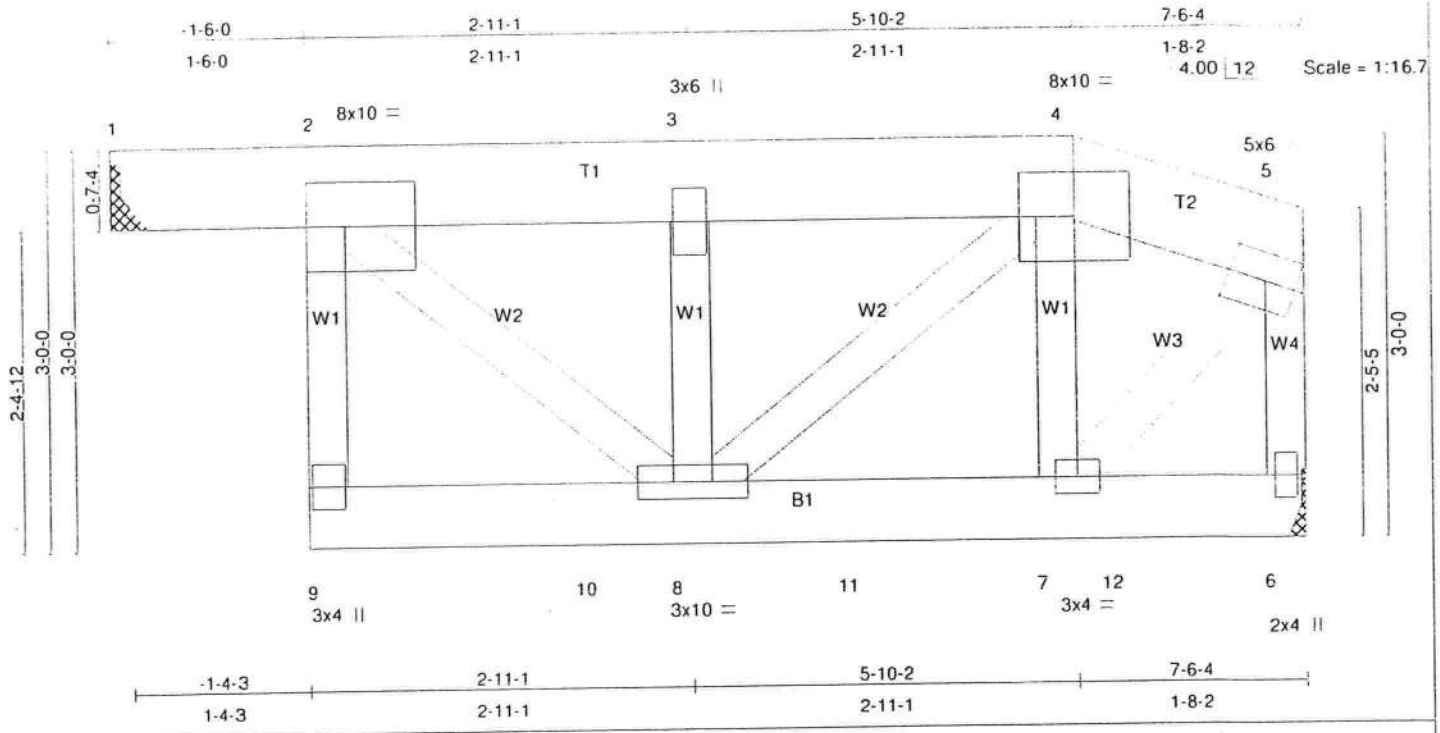

Plate Offsets (X,Y): [2:0-3-8,0-4-0]

LOADING (psf)		SPACING	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.73	Vert(LL)	-0.04	9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.07	9	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.26	Horz(TL)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 69 lb	

LUMBER
TOP CHORD 2 X 8 SYP No.1D
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2

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

REACTIONS (lb/size) 1=1113/Mechanical, 6=1214/Mechanical
Max Horz 1=-11(LC 4)
Max Uplift1=-509(LC 4), 6=-504(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-9=-318/659, 1-2=0/11, 2-3=-1213/526, 3-4=-1212/525, 4-5=-786/332, 5-6=-1097/463
BOT CHORD 9-10=-69/158, 8-10=-69/158, 8-11=-296/711, 7-11=-296/711, 7-12=-24/58, 6-12=-24/58
WEBS 2-8=-596/1411, 3-8=-680/330, 4-8=-287/656, 4-7=-93/59, 5-7=-420/1007

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 509 lb uplift at joint 1 and 504 lb uplift at joint 6.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 495 lb down and 263 lb up at 0-1-12, 495 lb down and 216 lb up at 2-2-4, and 495 lb down and 216 lb up at 4-2-4, and 495 lb down and 216 lb up at 6-2-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-23, 2-4=-23, 4-5=-23, 6-9=-20
Concentrated Loads (lb)
Vert: 9=-495(B) 10=-495(B) 11=-495(B) 12=-495(B)

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Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	CFGRD3	SPECIAL	1	2	Job Reference (optional)

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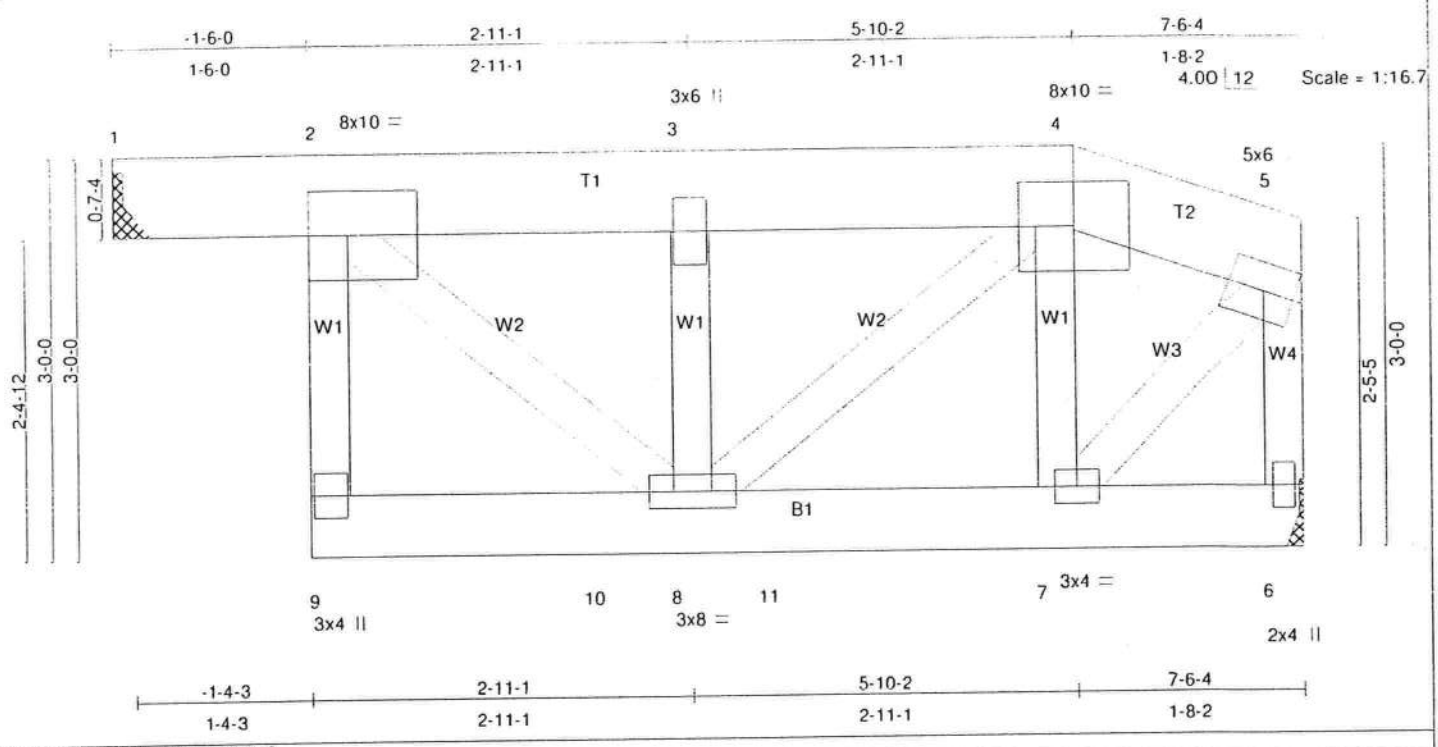

Plate Offsets (X,Y): [2:0-3-8,0-4-0]

LOADING (psf)		SPACING	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.03	9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.05	9	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 139 lb	

LUMBER
TOP CHORD 2 X 8 SYP No.1D
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2

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

REACTIONS (lb/size) 1=1613/Mechanical, 6=1578/Mechanical
Max Horz 1=-11(LC 4)
Max Uplift1=-620(LC 4), 6=-590(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-9=-344/925, 1-2=0/11, 2-3=-1817/695, 3-4=-1817/695, 4-5=-1103/418, 5-6=-1547/586
BOT CHORD 9-10=-86/228, 8-10=-86/228, 8-11=-374/997, 7-11=-374/997, 6-7=-26/69
WEBS 2-8=-800/2126, 3-8=-939/382, 4-8=-407/1073, 4-7=-223/104, 5-7=-541/1440

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 8 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 620 lb uplift at joint 1 and 590 lb uplift at joint 6.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 711 lb down and 277 lb up at 0-1-12, 711 lb down and 277 lb up at 2-3-0, and 711 lb down and 277 lb up at 3-7-0, and 711 lb down and 277 lb up at 5-7-0 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=-23, 2-4=-23, 4-5=-23, 6-9=-20
Concentrated Loads (lb)
Vert: 9=-711(F) 7=-711(F) 10=-711(F) 11=-711(F)

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Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HGRD1S	HIP	1	1	Job Reference (optional)

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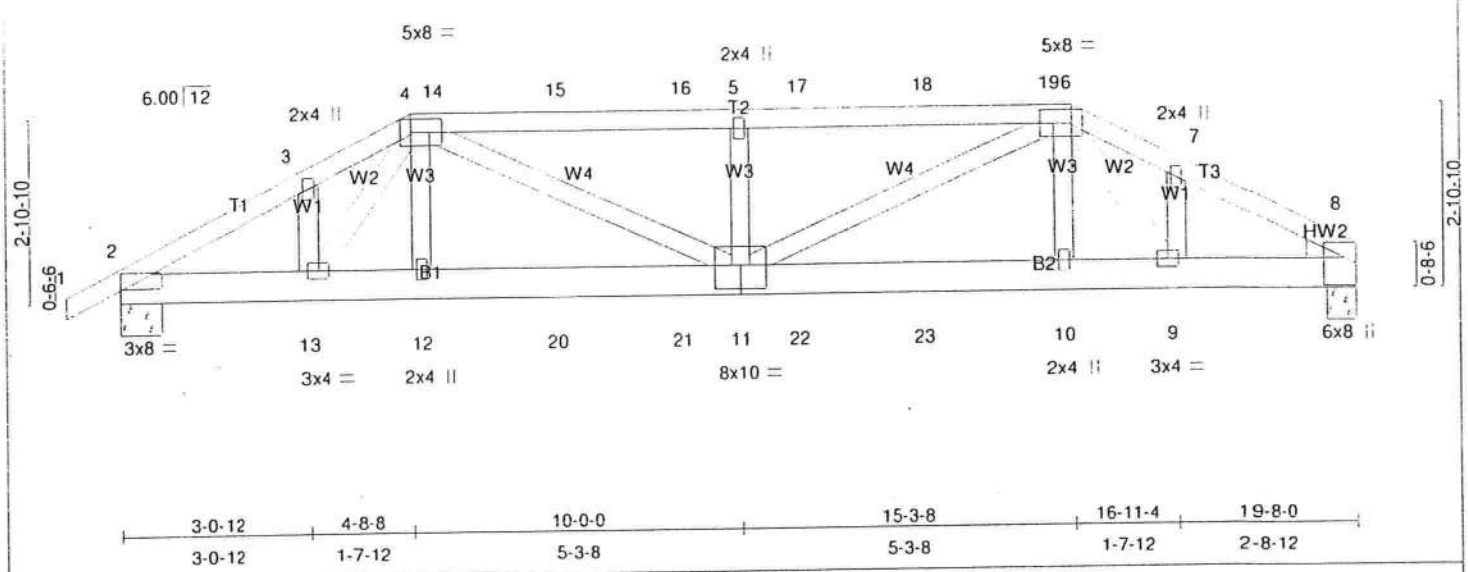
0-10-8 3-0-12 4-8-8 10-0-0 15-3-8 16-11-4 19-8-0
0-10-8 3-0-12 1-7-12 5-3-8 5-3-8 1-7-12 2-8-12

Scale = 1:34.9



3-0-12 4-8-8 10-0-0 15-3-8 16-11-4 19-8-0
3-0-12 1-7-12 5-3-8 5-3-8 1-7-12 2-8-12

Plate Offsets (X,Y): [2:0-8-1,0-0-4], [4:0-6-0,0-2-8], [6:0-6-0,0-2-8], [8:Edge,0-2-1], [11:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.14	11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.67	Vert(TL)	-0.23	11-12	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 117 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2
WEDGE
Right: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-3-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-9-12 oc bracing.

REACTIONS (lb/size) 2=1703/0-8-0, 8=1664/0-5-8
Max Horz 2=58(LC 7)
Max Uplift2=-927(LC 7), 8=-871(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/13, 2-3=-2783/1471, 3-4=-2592/1413, 4-14=-3384/1851, 14-15=-3384/1851, 15-16=-3384/1851, 5-16=-3384/1851, 5-17=-3384/1851, 17-18=-3384/1851, 18-19=-3384/1851, 6-19=-3384/1851, 6-7=-2437/1353, 7-8=-2684/1441
BOT CHORD 2-13=-1244/2336, 12-13=-1311/2467, 12-20=-1325/2506, 20-21=-1325/2506, 11-21=-1325/2506, 11-22=-1255/2429, 22-23=-1255/2429, 10-23=-1255/2429, 9-10=-1242/2391, 8-9=-1151/2197
WEBS 4-12=-243/665, 4-11=-544/1009, 5-11=-292/329, 6-11=-586/1093, 6-10=-235/656, 3-13=-196/325, 4-13=-293/171, 7-9=-244/423, 6-9=-409/213

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 927 lb uplift at joint 2 and 871 lb uplift at joint 8.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 23 lb down and 86 lb up at 5-0-12, 23 lb down and 86 lb up at 7-0-12, 23 lb down and 86 lb up at 9-0-12, 23 lb down and 86 lb up at 10-11-4, and 23 lb down and 86 lb up at 12-11-4, and 23 lb down and 86 lb up at 14-11-4 on top chord, and 284 lb down and 221 lb up at 3-0-12, 160 lb down and 92 lb up at 5-0-12, 160 lb down and 92 lb up at 7-0-12, 160 lb down and 92 lb up at 9-0-12, 160 lb down and 92 lb up at 10-11-4, 160 lb down and 92 lb up at 12-11-4, and 160 lb down and 92 lb up at 14-11-4, and 284 lb down and 221 lb up at 16-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 4-6=-46, 6-8=-46, 2-8=-40

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	H2S	HIP	1	1	Job Reference (optional)

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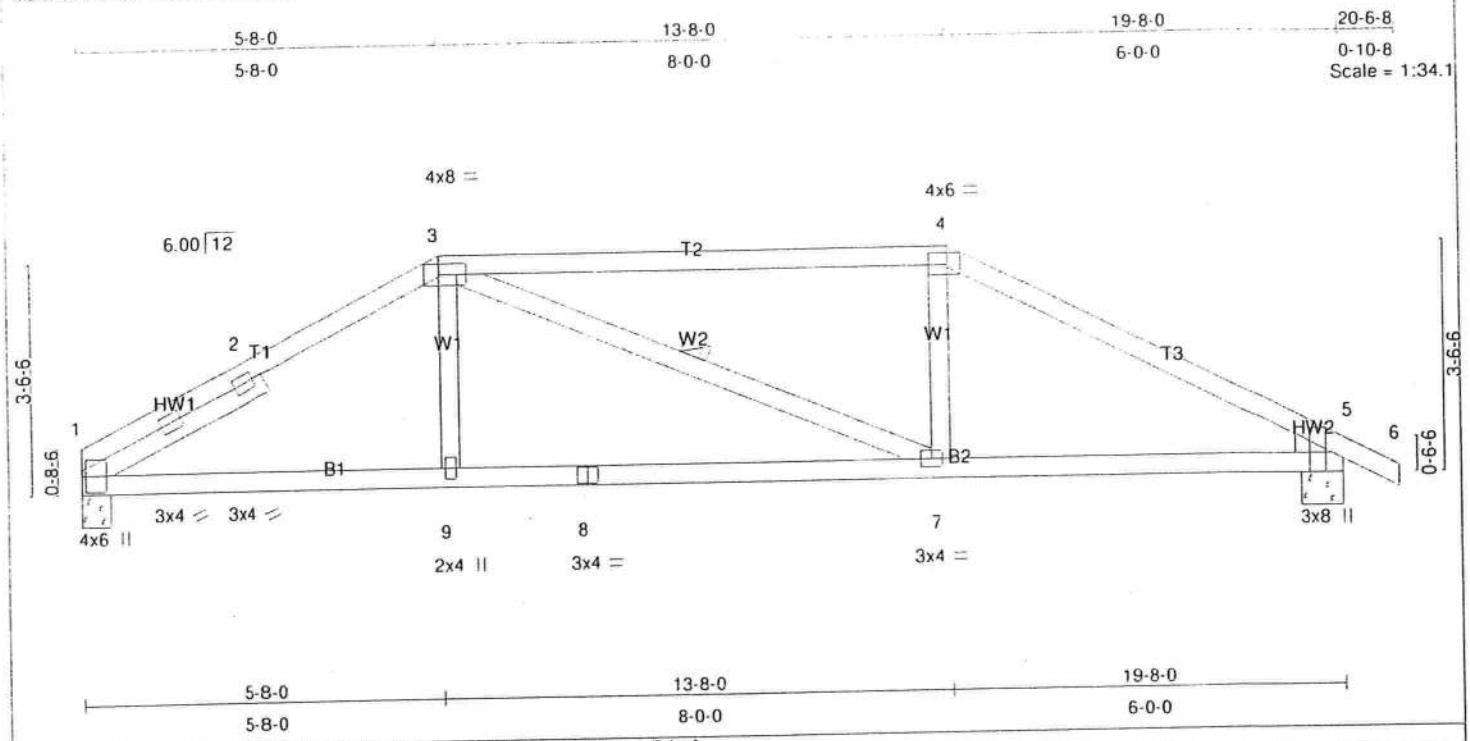

Plate Offsets (X,Y): [1:0-3-0,0-0-11], [3:0-5-4,0-2-0], [4:0-3-8,0-2-4], [5:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.10	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.23	7-9	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 89 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2
WEDGE
Right: 2 X 4 SYP No.2
SLIDER Left 2 X 4 SYP No.2 3-2-7

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-11-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 3-7

REACTIONS (lb/size) 1=830/0-5-8, 5=889/0-8-0
Max Horz 1=-63(LC 7)
Max Uplift1=-125(LC 6), 5=-197(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1330/431, 2-3=-1220/449, 3-4=-1157/453, 4-5=-1349/442, 5-6=0/10
BOT CHORD 1-9=-287/1120, 8-9=-284/1133, 7-8=-284/1133, 5-7=-284/1143
WEBS 3-9=0/280, 3-7=-66/115, 4-7=0/316

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 125 lb uplift at joint 1 and 197 lb uplift at joint 5.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HGRD2S	HIP	1	1	Job Reference (optional)

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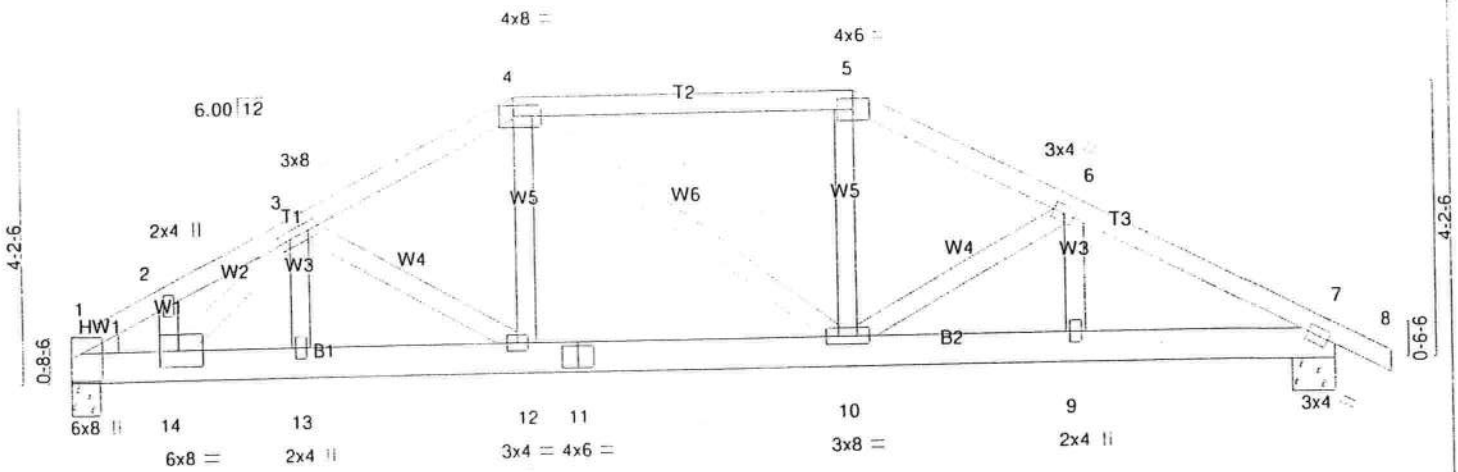
1-6-8	3-7-5	7-0-0	12-4-0	15-8-11	19-8-0	20-6-8
1-6-8	2-0-13	3-4-11	5-4-0	3-4-11	3-11-5	0-10-8

Scale = 1:34.1



1-6-8	3-7-5	7-0-0	12-4-0	15-8-11	19-8-0
1-6-8	2-0-13	3-4-11	5-4-0	3-4-11	3-11-5

Plate Offsets (X,Y): [1:Edge,0-2-1], [4:0-5-4,0-2-0], [14:0-3-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.05	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.09	10-12	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.18	Horz(TL)	0.03	7	n/a	n/a		
BCDL	*10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 121 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-8-0 oc bracing: 1-14.

REACTIONS (lb/size) 7=985/0-8-0, 1=2252/0-5-8
Max Horz 1=-78(LC 6)
Max Uplift7=-254(LC 6), 1=-762(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2956/979, 2-3=-2535/879, 3-4=-1480/344, 4-5=-1193/278, 5-6=-1346/277, 6-7=-1554/287, 7-8=0/13
BOT CHORD 1-14=-780/2266, 13-14=-533/1897, 12-13=-533/1897, 11-12=-261/1319, 10-11=-261/1319, 9-10=-176/1303, 7-9=-176/1303
WEBS 3-13=-58/320, 3-12=-703/348, 4-12=-113/527, 4-10=-228/124, 5-10=-34/372, 6-10=-151/89, 6-9=0/118, 2-14=-209/698, 3-14=-356/578

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 254 lb uplift at joint 7 and 762 lb uplift at joint 1.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1538 lb down and 674 lb up at 1-6-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 4-5=-46, 5-8=-46, 1-7=-40
Concentrated Loads (lb)
Vert: 14=-1538(F)

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	H1S	HIP	1	1	Job Reference (optional)

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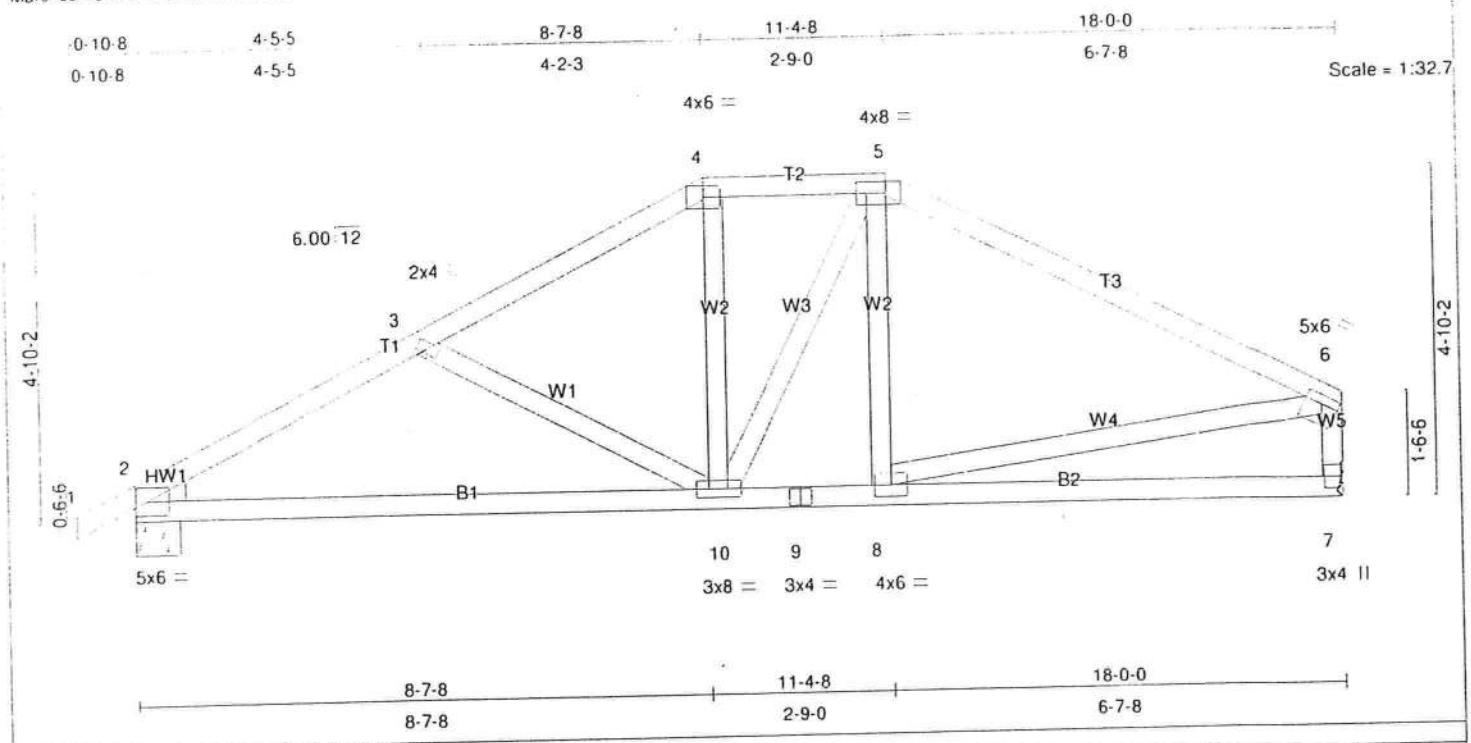

Plate Offsets (X,Y): [5:0-5-4,0-2-0], [6:0-3-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.12	2-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.28	2-10	>750	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.09	Horz(TL)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 97 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=811/0-8-0, 7=751/Mechanical
Max Horz 2=117(LC 6)
Max Uplift2=-208(LC 6), 7=-124(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-1098/399, 3-4=-907/312, 4-5=-772/321, 5-6=-871/305, 6-7=-604/275
BOT CHORD 2-10=-334/936, 9-10=-183/716, 8-9=-183/716, 7-8=-104/263
WEBS 3-10=-197/187, 4-10=-38/285, 5-10=-37/195, 5-8=0/65, 6-8=-82/461

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 2 and 124 lb uplift at joint 7.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	T3S	COMMON	3	1	Job Reference (optional)

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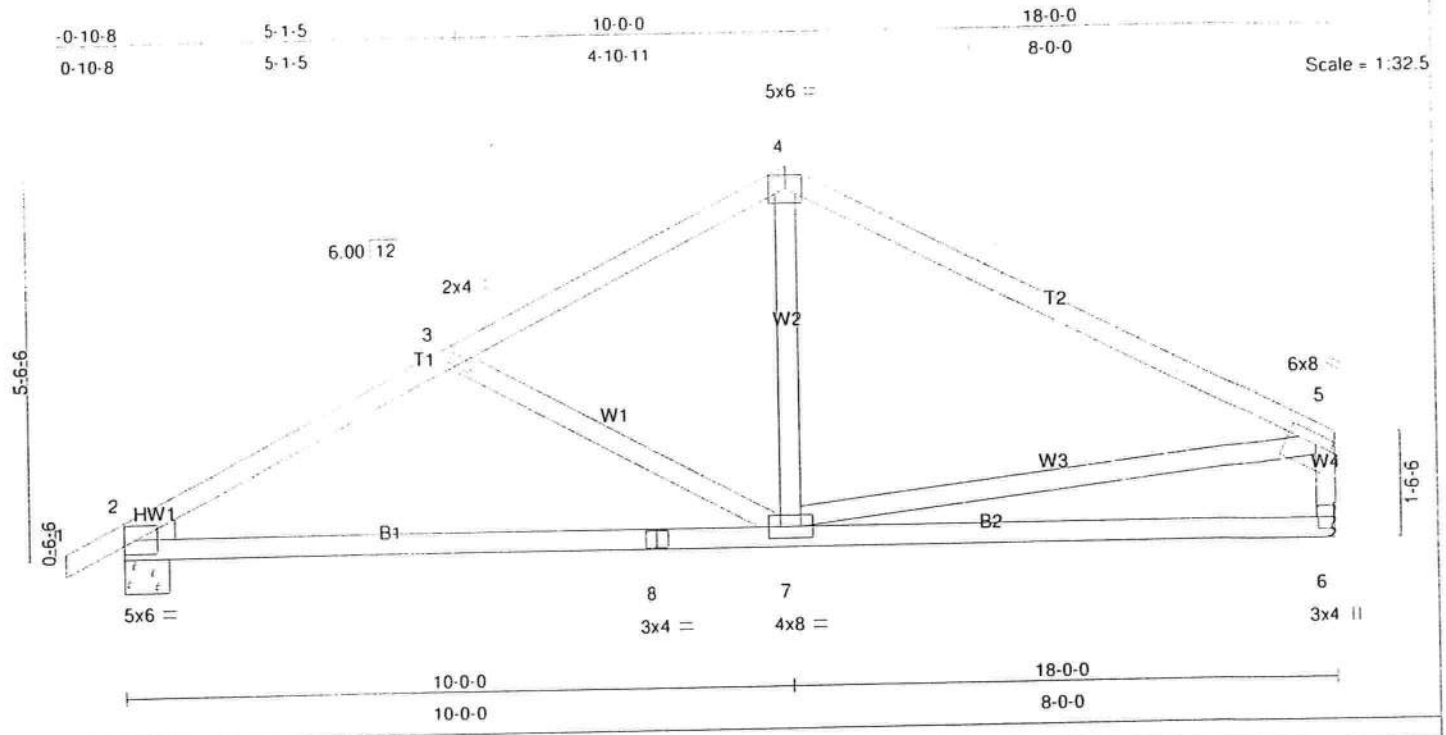

Plate Offsets (X,Y): [5:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.19	2-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.44	2-7	>473	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.13	Horz(TL)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							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.2
WEDGE
Left: 2 X 4 SYP No.2

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.

REACTIONS (lb/size) 2=811/0-8-0, 6=751/Mechanical
Max Horz 2=128(LC 6)
Max Uplift2=-216(LC 6), 6=-133(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-1056/377, 3-4=-844/293, 4-5=-882/277, 5-6=-613/267
BOT CHORD 2-8=-305/901, 7-8=-305/901, 6-7=-165/314
WEBS 3-7=-257/191, 4-7=0/434, 5-7=-29/426

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 2 and 133 lb uplift at joint 6.

LOAD CASE(S) Standard

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JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	JSGRD1	SPECIAL	2	1	Job Reference (optional)

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-1-7-13 1-1-5 5-3-12
1-7-13 1-1-5 4-2-8

Scale = 1:12.1

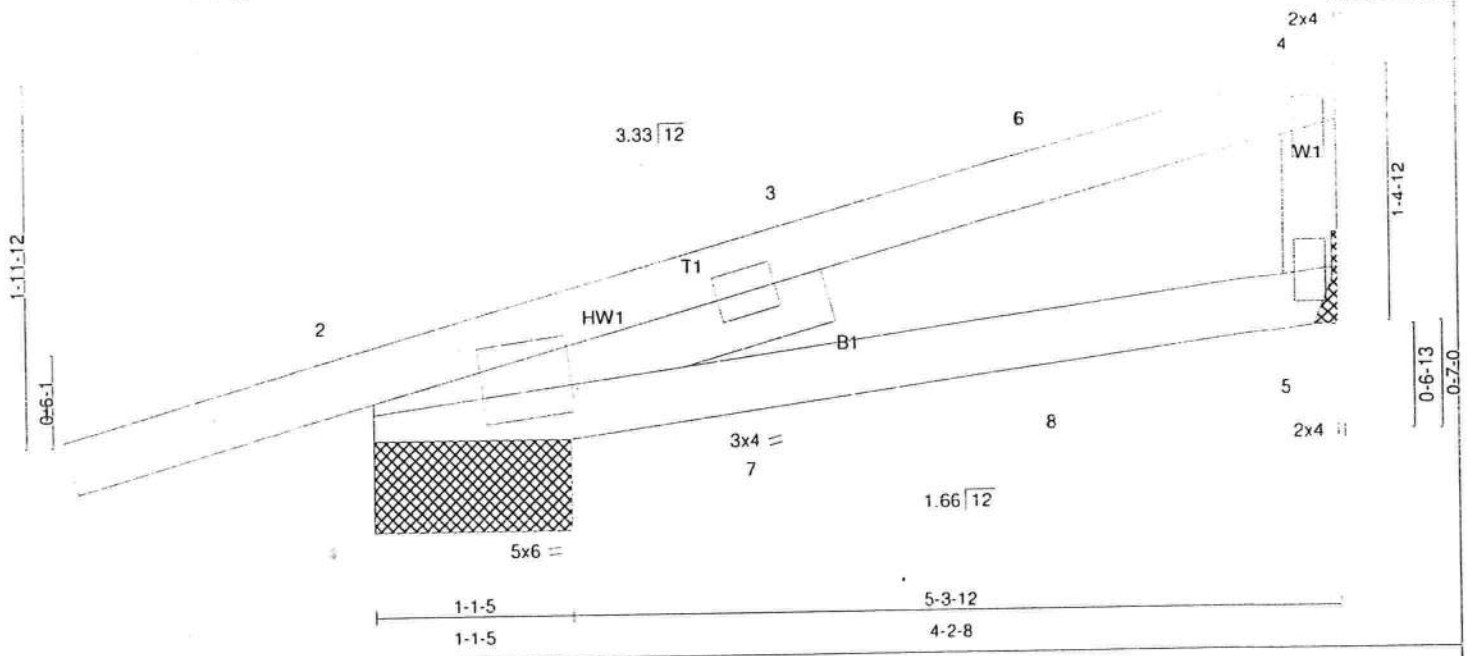

Plate Offsets (X,Y): [2:0-7-7,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.03	2-5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.08	2-5	>748	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2
SLIDER Left 2 X 4 SYP No.2 2-7-8

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-3-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 5=167/Mechanical, 2=284/1-1-5
Max Horz 2=82(LC 3)
Max Uplift5=-63(LC 7), 2=-159(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/5, 2-3=-43/0, 3-6=-25/0, 4-6=-28/13, 4-5=-73/93
BOT CHORD 2-7=-10/0, 7-8=-0/0, 5-8=0/10

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 5 and 159 lb uplift at joint 2.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 29 lb down and 32 lb up at 2-2-4, and 7 lb down and 27 lb up at 3-10-4 on top chord, and 9 lb up at 2-2-4, and 6 lb up at 3-10-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 2-5=-40
Concentrated Loads (lb)
Vert: 3=32(B) 6=22(F) 7=9(B) 8=6(F)

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Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	F2	SPECIAL	2	1	Job Reference (optional)

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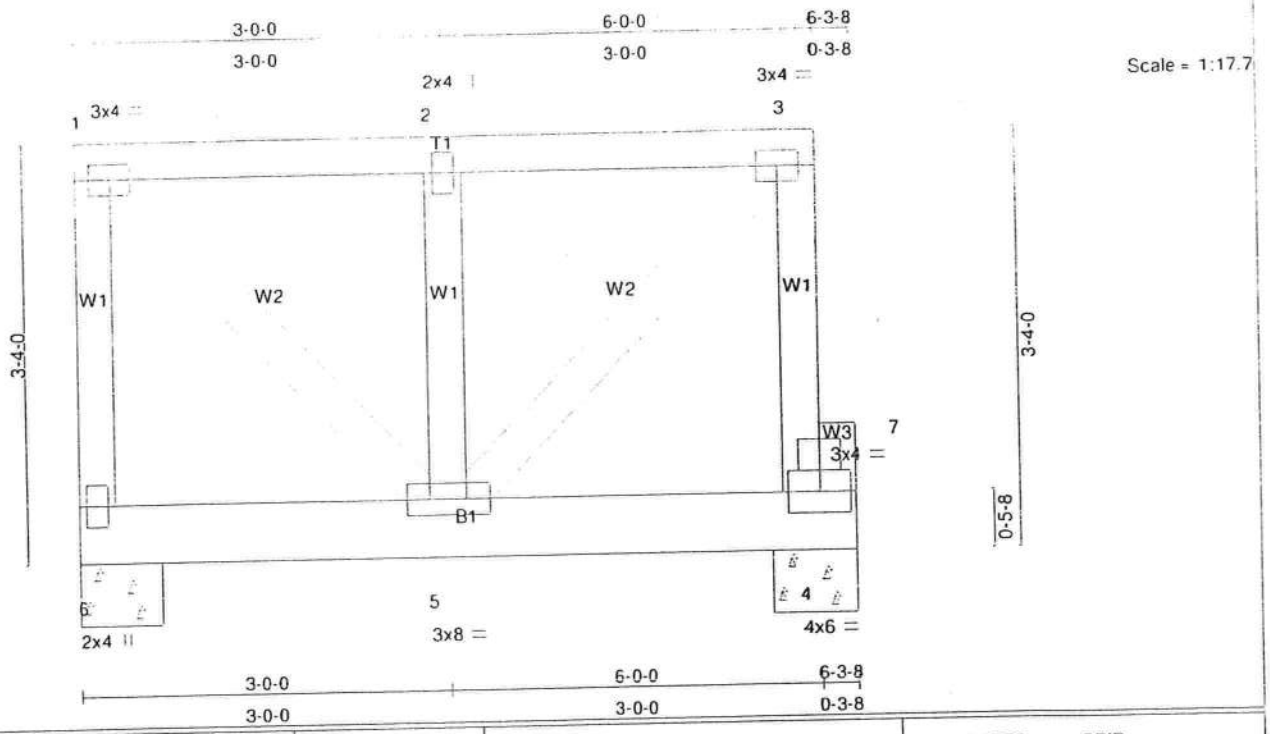

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.54	Vert(LL)	-0.01	5	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.07	Vert(TL)	-0.01	5	>999	180		
BCLL 10.0 *	Lumber Increase 1.25	WB 0.14	Horz(TL)	0.00	4	n/a	n/a		
BCDL 10.0	Rep Stress Incr NO	(Matrix)						Weight: 47 lb	
	Code FBC2004/TPI2002								

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

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

REACTIONS (lb/size) 6=913/0-8-0, 4=1191/0-8-0
Max Uplift6=-363(LC 3), 4=-487(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-6=-842/364, 1-2=-524/207, 2-3=-524/207, 4-7=-795/343, 3-7=-801/346
BOT CHORD 5-6=-0/0, 4-5=-17/40
WEBS 1-5=-298/755, 2-5=-955/478, 3-5=-274/698

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 363 lb uplift at joint 6 and 487 lb uplift at joint 4.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) . 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=-272(F=-226), 4-6=-40
Concentrated Loads (lb)
Vert: 4=-317(F)

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Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	F3	GABLE	1	1	Job Reference (optional)

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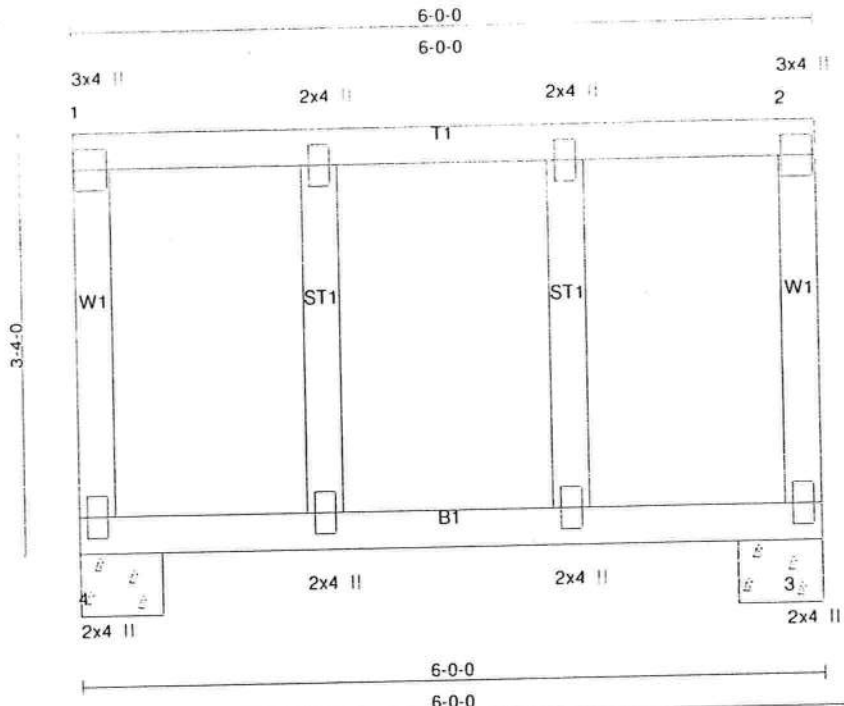

Scale = 1:17.7

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.02	3-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.05	3-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 34 lb	

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

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

REACTIONS (lb/size) 4=245/0-8-0, 3=245/0-8-0
Max Uplift4=-112(LC 4), 3=-112(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-131/238, 1-2=-65/54, 2-3=-131/238
BOT CHORD 3-4=-54/65

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable studs spaced at 2-0-0 oc.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 4 and 112 lb uplift at joint 3.

LOAD CASE(S) Standard

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JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	FGRD2	GABLE	1	1	Job Reference (optional)

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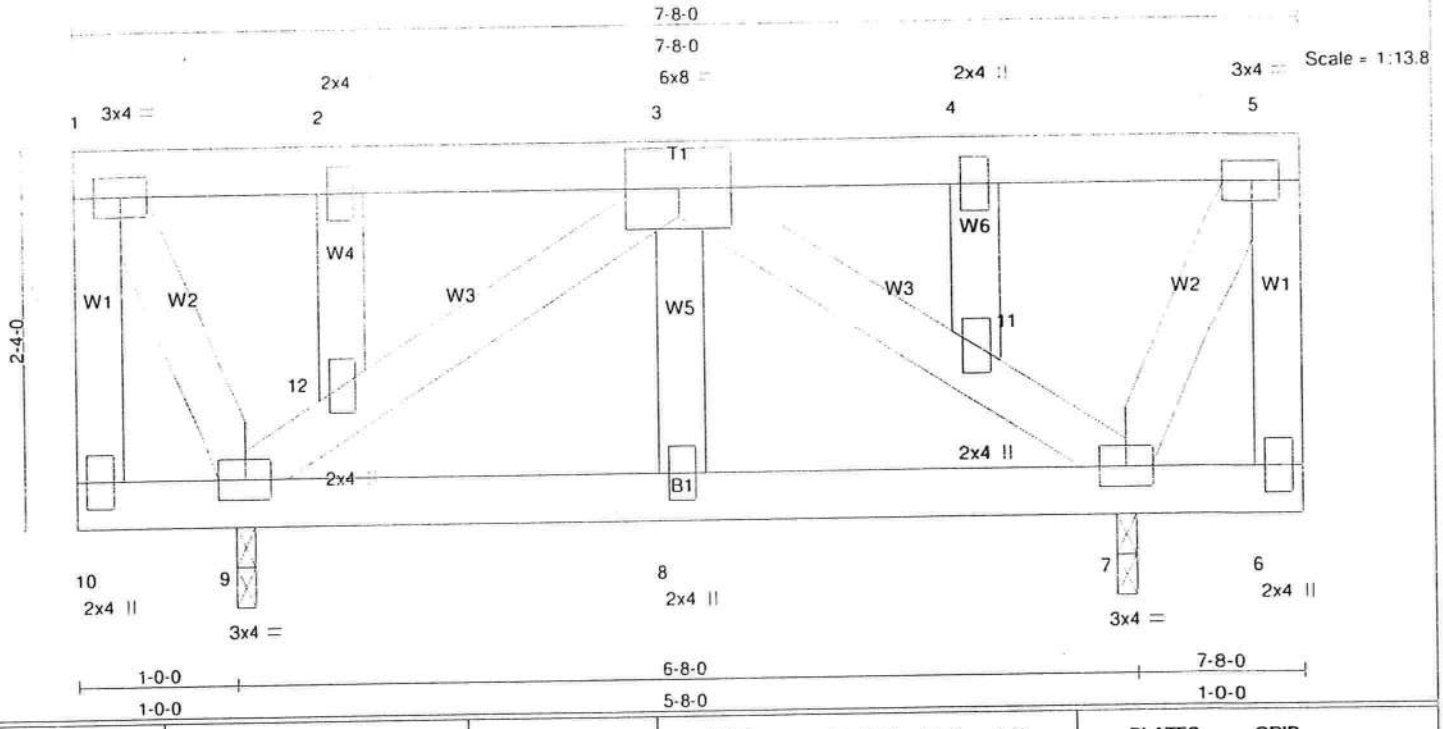

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.09	Vert(LL)	-0.00	8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.00	8	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.10	Horz(TL)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 49 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 7-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 9=317/0-1-8, 7=317/0-1-8
Max Uplift9=-144(LC 4), 7=-144(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-10=-8/0, 1-2=-21/9, 2-3=-21/9, 3-4=-25/12, 4-5=-25/12, 5-6=-7/0
BOT CHORD 9-10=-14/6, 8-9=-129/168, 7-8=-129/168, 6-7=-20/11
WEBS 1-9=-37/87, 5-7=-55/111, 9-12=-253/235, 3-12=-211/175, 3-11=-213/177, 7-11=-245/223, 3-8=0/111, 4-11=-52/77, 2-12=-66/95

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable studs spaced at 2-0-0 oc.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9, 7.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 9 and 144 lb uplift at joint 7.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	HGRD3S	HIP	1	1	Job Reference (optional)

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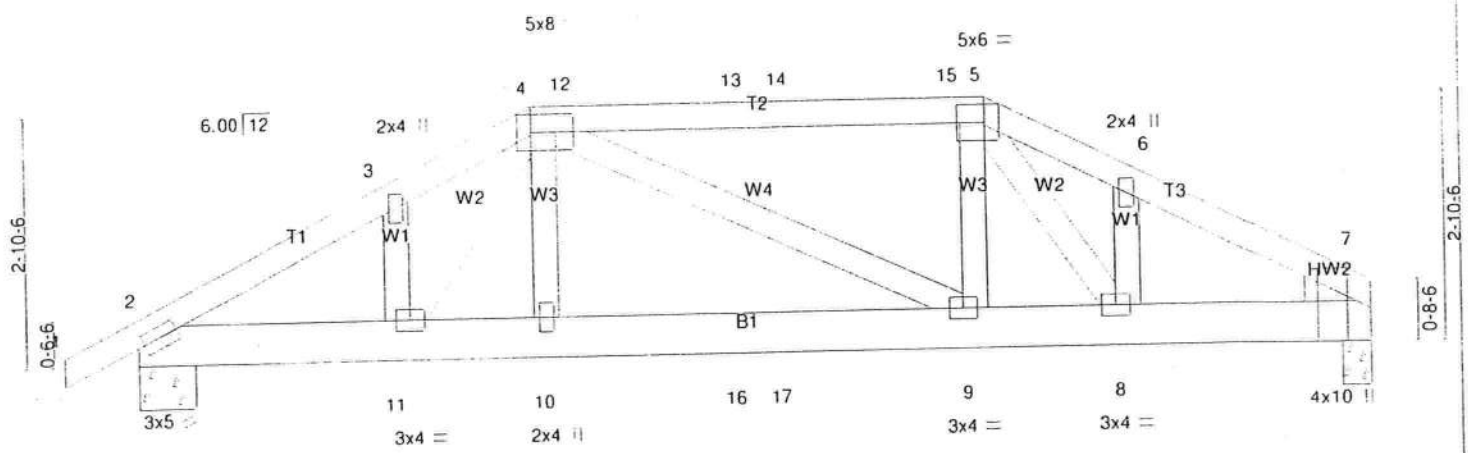
-0-10-8	3-0-12	4-8-0	10-0-0	11-7-4	14-4-0	
0-10-8	3-0-12	1-7-4	5-4-0	1-7-4	2-8-12	Scale = 1:25.6



3-0-12	4-8-0	10-0-0	11-7-4	14-4-0		
3-0-12	1-7-4	5-4-0	1-7-4	2-8-12		

Plate Offsets (X,Y): [4:0-6-0,0-2-8], [5:0-4-0,0-2-8], [7:0-5-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.41	Vert(LL)	0.06	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.10	9-10	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.13	Horz(TL)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 85 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2
WEDGE
Right: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-9-12 oc bracing.

REACTIONS (lb/size) 2=1296/0-8-0, 7=1251/0-4-0
Max Horz 2=57(LC 5)
Max Uplift2=-733(LC 7), 7=-673(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/13, 2-3=-2045/1118, 3-4=-1887/1061, 4-12=-1769/1055, 12-13=-1769/1055, 13-14=-1769/1055, 14-15=-1769/1055, 5-15=-1769/1055, 5-6=-1825/1048, 6-7=-2012/1122
BOT CHORD 2-11=-942/1707, 10-11=-989/1763, 10-16=-1003/1802, 16-17=-1003/1802, 9-17=-1003/1802, 8-9=-946/1731, 7-8=-891/1650
WEBS 4-10=-236/666, 4-9=-82/52, 5-9=-237/678, 3-11=-184/257, 4-11=-161/127, 6-8=-213/308, 5-8=-210/139

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 733 lb uplift at joint 2 and 673 lb uplift at joint 7.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 23 lb down and 86 lb up at 5-0-12, 23 lb down and 86 lb up at 7-0-12, and 23 lb down and 86 lb up at 7-7-4, and 23 lb down and 86 lb up at 9-7-4 on top chord, and 284 lb down and 221 lb up at 3-0-12, 160 lb down and 92 lb up at 5-0-12, 160 lb down and 92 lb up at 7-0-12, 160 lb down and 92 lb up at 7-7-4, and 160 lb down and 92 lb up at 9-7-4, and 284 lb down and 221 lb up at 11-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 4-5=-46, 5-7=-46, 2-7=-40
Concentrated Loads (lb)
Vert: 10=-160(B) 9=-160(B) 11=-284(B) 8=-284(B) 12=-23(B) 13=-23(B) 14=-23(B) 15=-23(B) 16=-160(B) 17=-160(B)

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	H3S	HIP	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:11 2008 Page 1

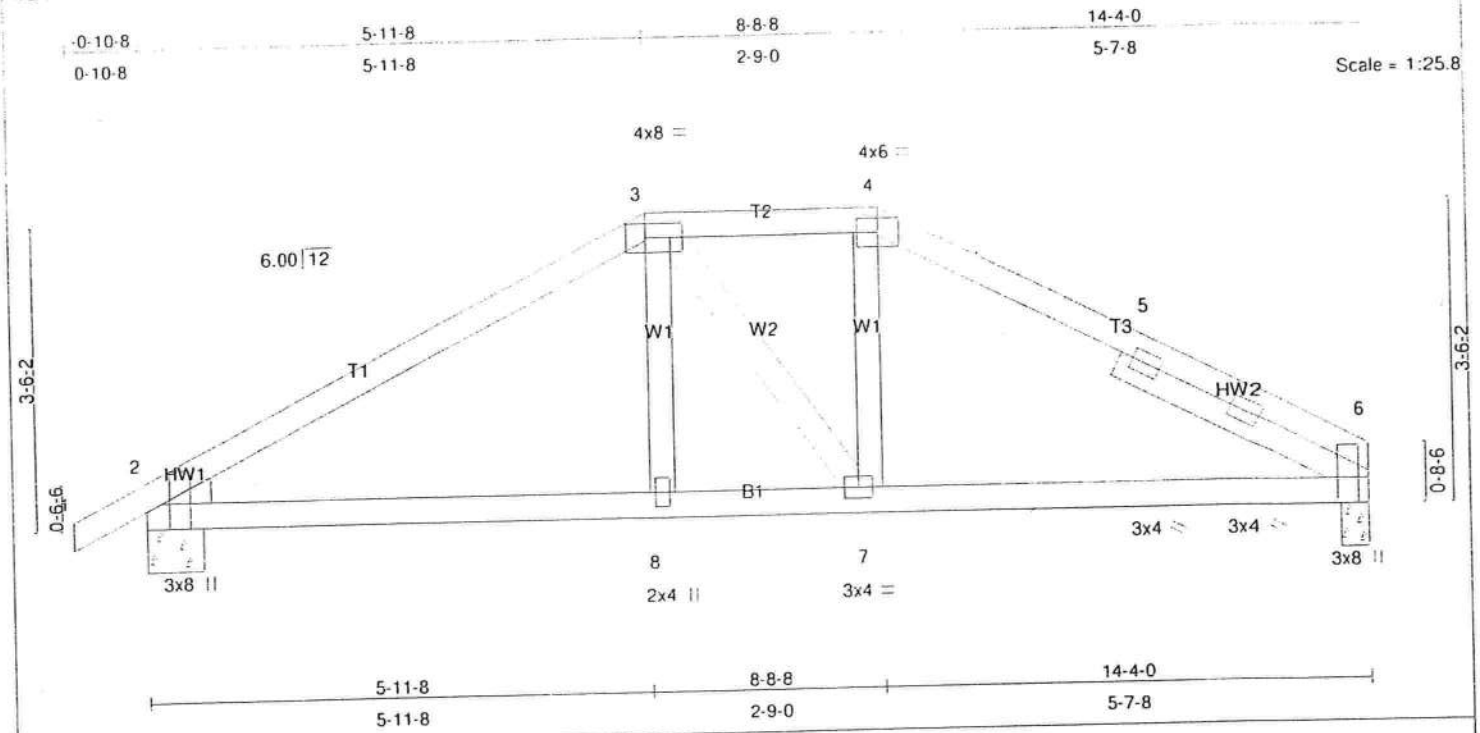


Plate Offsets (X,Y): [2:0-3-8,Edge], [3:0-5-4,0-2-0], [6:0-4-7,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.23	Vert(LL)	-0.05	2-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.10	2-8	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 66 lb	

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

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) 6=600/0-4-0, 2=660/0-8-0
Max Horz 2=63(LC 6)
Max Uplift6=-103(LC 7), 2=-175(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/10, 2-3=-834/273, 3-4=-673/300, 4-5=-744/278, 5-6=-807/266
BOT CHORD 2-8=-148/686, 7-8=-146/695, 6-7=-149/665
WEBS 3-8=0/195, 3-7=-119/65, 4-7=-0/235

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 103 lb uplift at joint 6 and 175 lb uplift at joint 2.

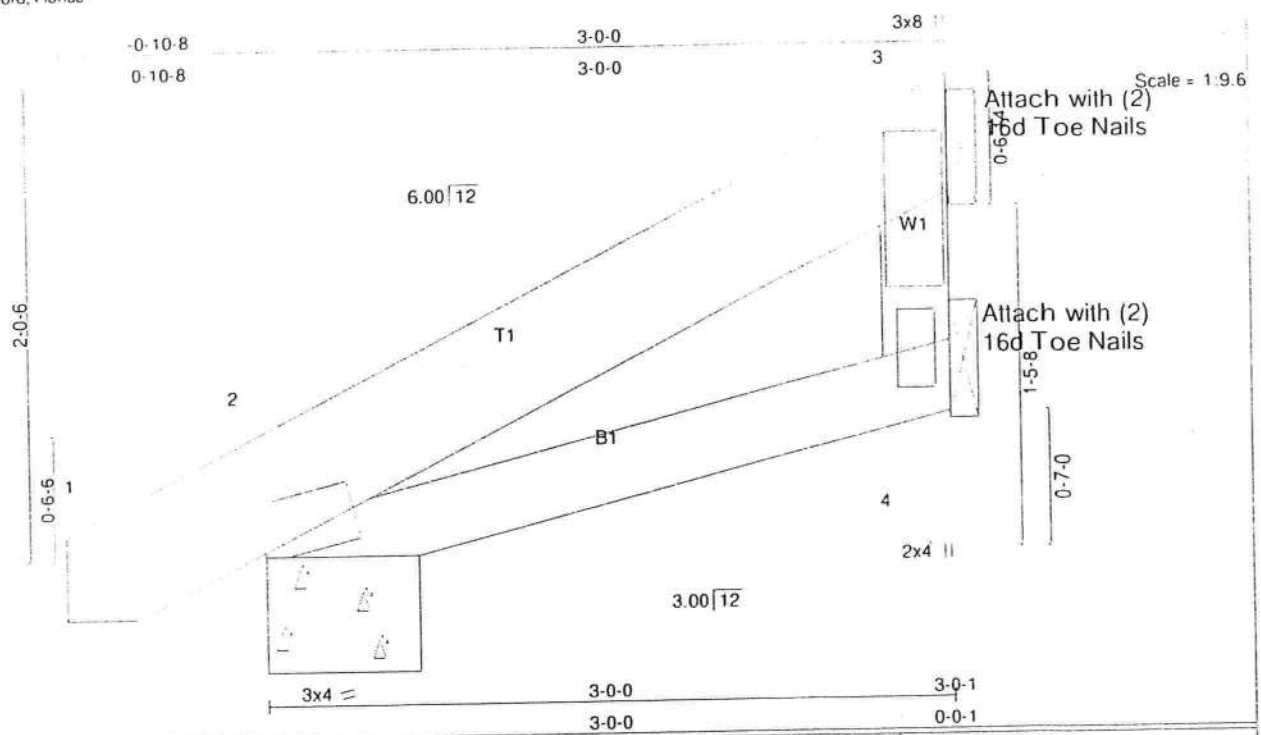
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	JS1	SPECIAL	6	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:43:06 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.04	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 16 lb	

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

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

REACTIONS (lb/size) 4=50/Mechanical, 2=167/0-8-0, 3=48/Mechanical
Max Horz 2=78(LC 6)
Max Uplift2=-77(LC 6), 3=-51(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/7, 2-3=-44/20, 3-4=0/0
BOT CHORD 2-4=-10/10

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 77 lb uplift at joint 2 and 51 lb uplift at joint 3.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	JS2	SPECIAL	2	1	Job Reference (optional)

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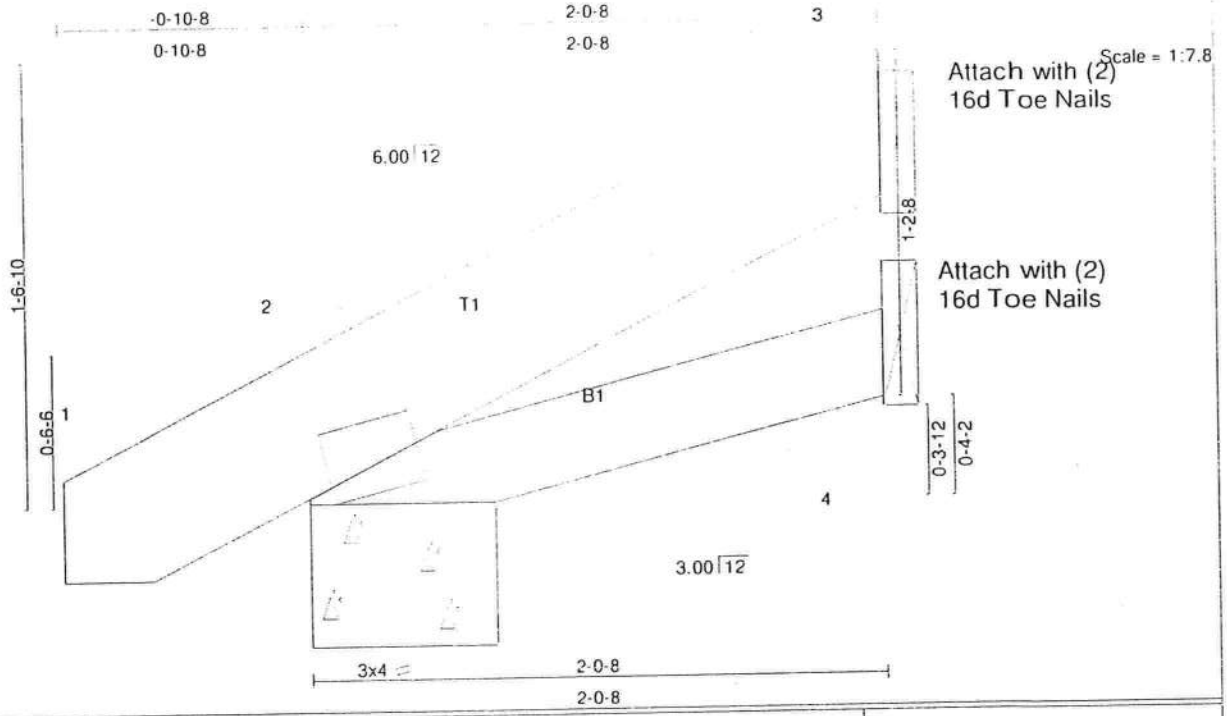

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.04	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=22/Mechanical, 2=134/0-8-0, 4=33/Mechanical
Max Horz 2=59(LC 6)
Max Uplift3=-26(LC 5), 2=-78(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/7, 2-3=-31/9
BOT CHORD 2-4=-6/6

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 26 lb uplift at joint 3 and 78 lb uplift at joint 2.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	JS3	SPECIAL	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

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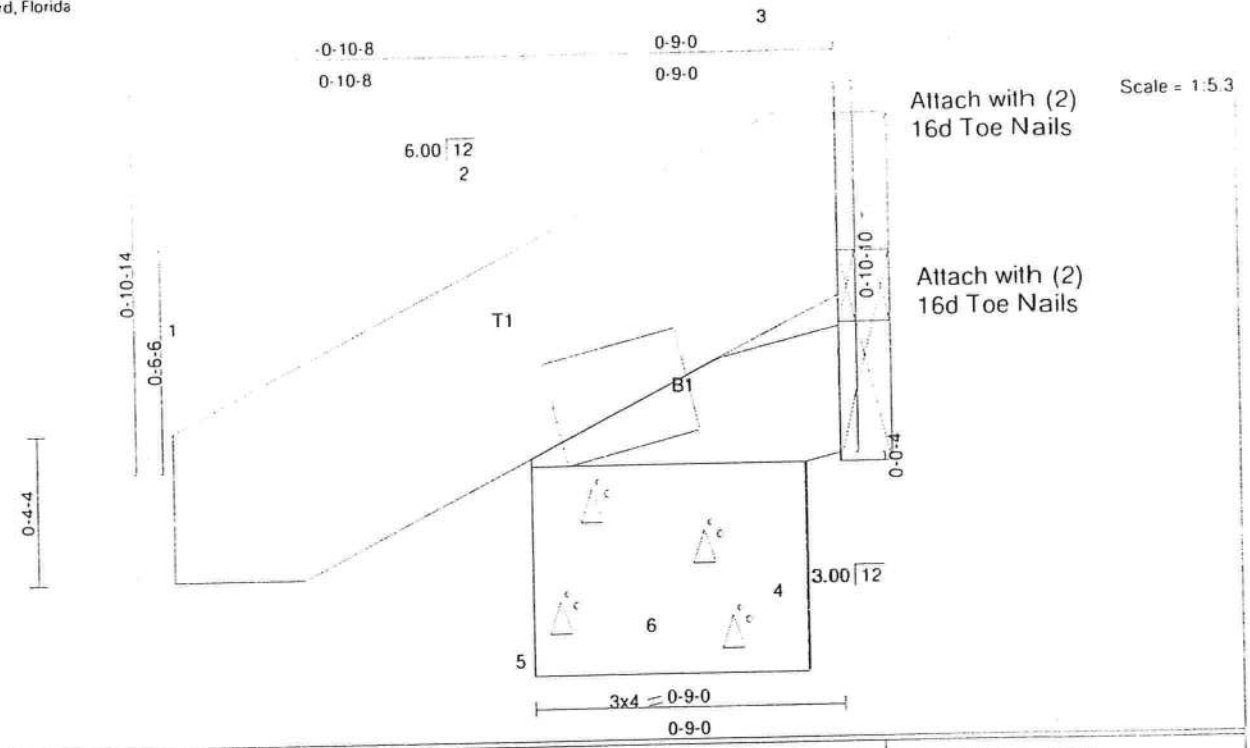

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.05	Vert(LL)	-0.00	5	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.02	Vert(TL)	-0.00	5	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 6 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 0-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=148/0-8-0, 5=-11/Mechanical, 3=-53/Mechanical
Max Horz 2=34(LC 6)
Max Uplift2=-120(LC 6), 5=-11(LC 1), 3=-53(LC 1)
Max Grav 2=148(LC 1), 3=56(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/7, 2-3=-59/85
BOT CHORD 2-5=0/7, 5-6=-4/0, 4-6=-4/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 120 lb uplift at joint 2, 11 lb uplift at joint 5 and 53 lb uplift at joint 3.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	MS1	SPECIAL	12	1	Job Reference (optional)

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Maronda Homes Inc., Sanford, Florida

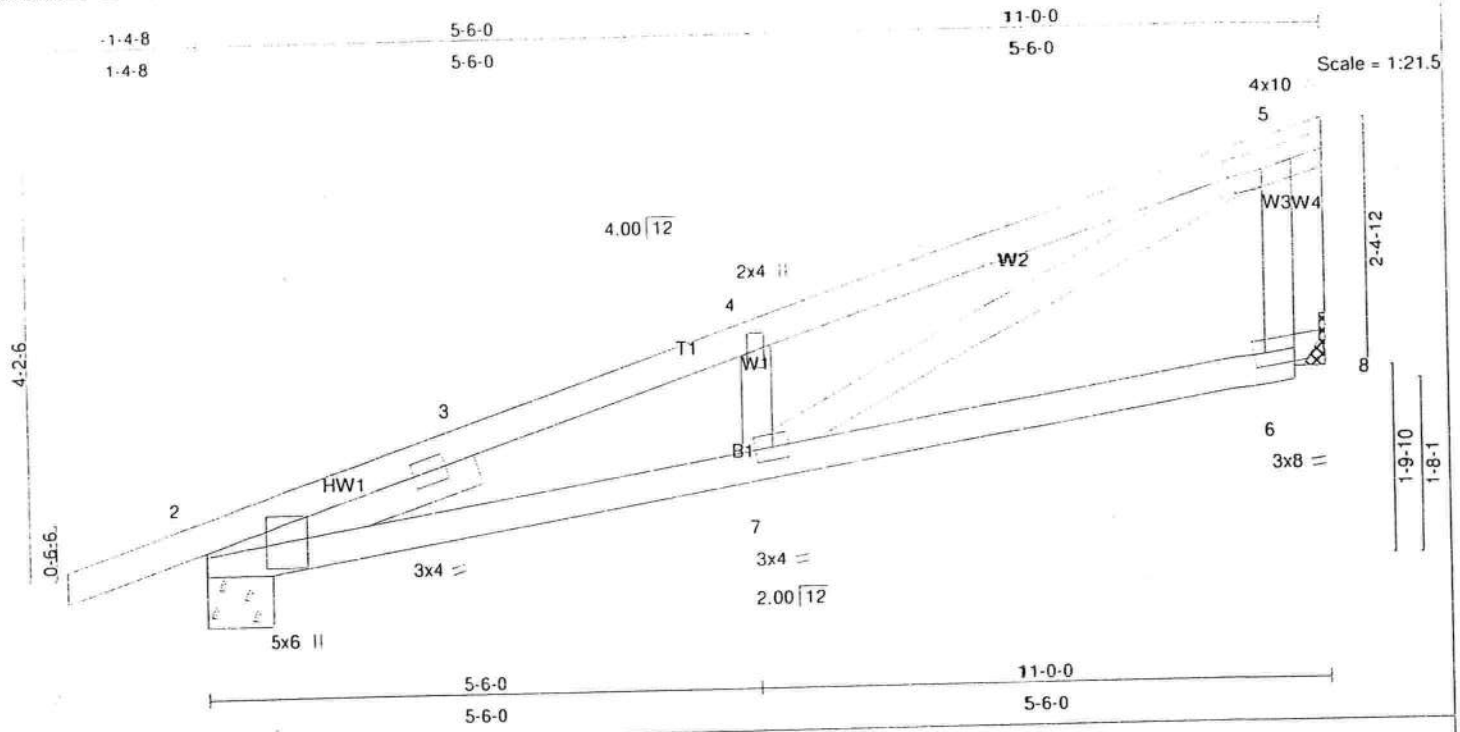

Plate Offsets (X,Y): [2:0-1-6,0-7-2], [5:0-3-5,0-2-0], [6:0-4-11,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.05	2-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.10	2-7	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.19	Horz(TL)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 55 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2
SLIDER Left 2 X 4 SYP No.2 2-10-0

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-9-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-9-6 oc bracing.

REACTIONS (lb/size) 2=536/0-8-0, 8=434/Mechanical
Max Horz 2=168(LC 4)
Max Uplift2=-172(LC 4), 8=-130(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/6, 2-3=-1164/290, 3-4=-1106/304, 4-5=-1137/385, 5-6=0/139
BOT CHORD 2-7=-411/1081, 6-7=-79/196
WEBS 4-7=-170/213, 5-7=-381/1012, 5-8=-442/173, 6-8=-49/88

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 172 lb uplift at joint 2 and 130 lb uplift at joint 8.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	MHS3	SPECIAL	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:43:12 2008 Page 1

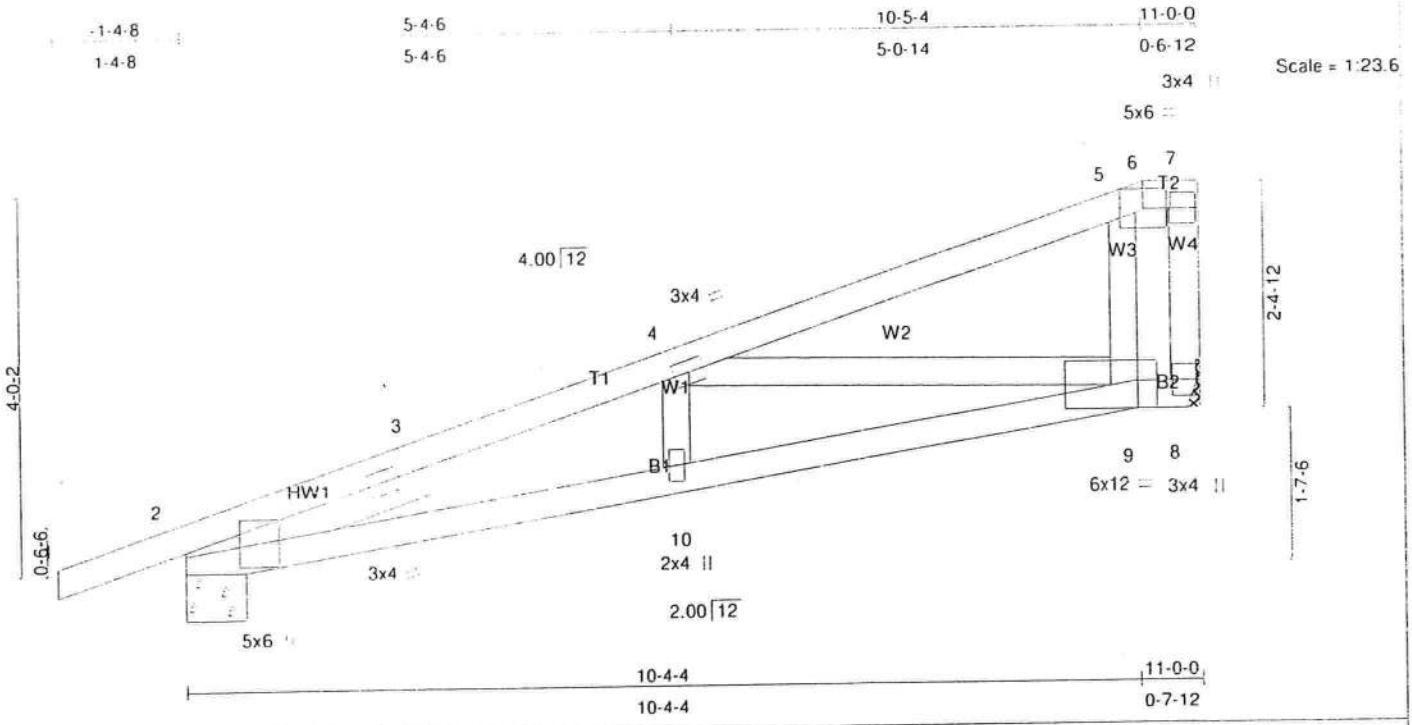

Plate Offsets (X,Y): [2:0-1-14,0-7-2], [9:0-0-0,0-0-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.05	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.10	9-10	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 54 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2
SLIDER Left 2 X 4 SYP No.2 2-9-2

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-10-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-8-1 oc bracing.

REACTIONS (lb/size) 8=460/Mechanical, 2=534/0-8-0
Max Horz 2=167(LC 4)
Max Uplift8=-136(LC 4), 2=-172(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/6, 2-3=-1196/303, 3-4=-1158/316, 4-5=-195/29, 5-6=-111/65, 6-7=-156/54, 7-8=-133/0
BOT CHORD 2-10=-422/1111, 9-10=-422/1110, 8-9=-54/156
WEBS 4-9=-930/348, 5-9=0/141, 4-10=0/210

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 136 lb uplift at joint 8 and 172 lb uplift at joint 2.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	MHS4	SPECIAL	2	1	Job Reference (optional)

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1-4-8 | 7-5-4 | 11-0-0
1-4-8 | 7-5-4 | 3-6-12

Scale = 1:22.0

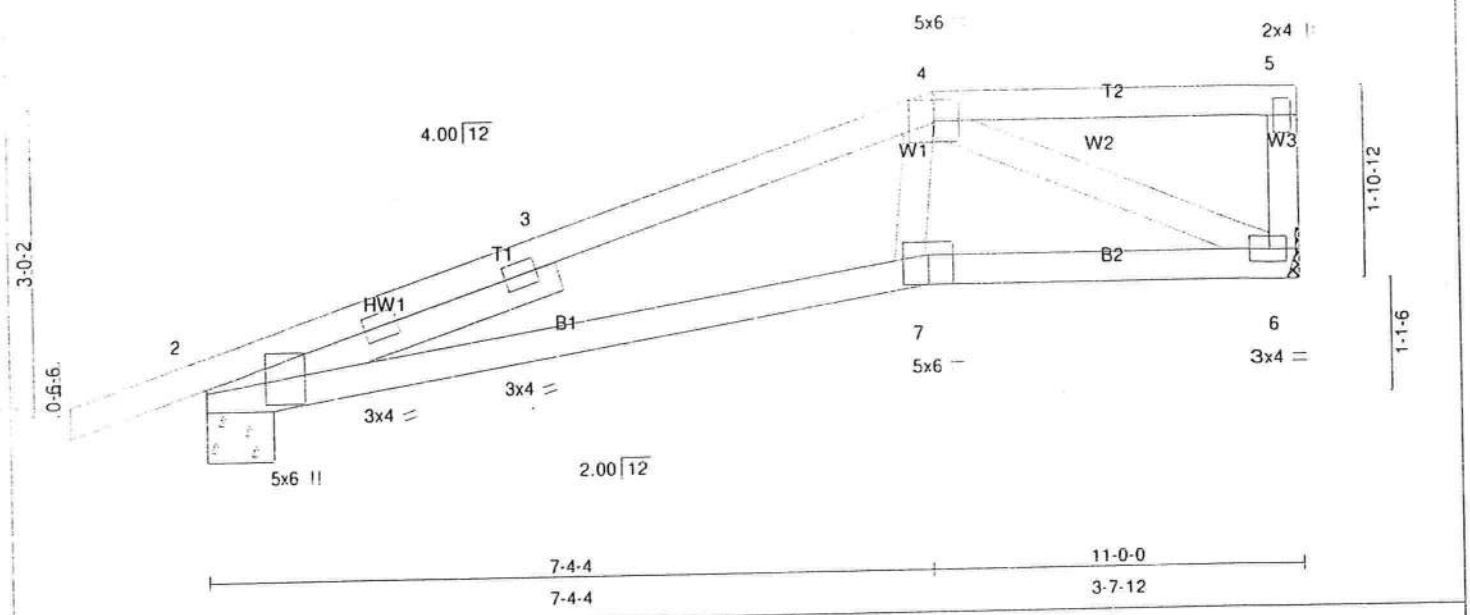

Plate Offsets (X,Y): [2:0-1-14,0-7-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.08	2-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.17	2-7	>765	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.21	Horz(TL)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 51 lb	

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

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

REACTIONS (lb/size) 6=460/Mechanical, 2=534/0-8-0
Max Horz 2=125(LC 4)
Max Uplift6=-124(LC 4), 2=-185(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/6, 2-3=-963/282, 3-4=-908/291, 4-5=-31/4, 5-6=-77/37
BOT CHORD 2-7=-335/897, 6-7=-322/840
WEBS 4-6=-919/354, 4-7=0/404

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 6 and 185 lb uplift at joint 2.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	MHSGRD1	SPECIAL	2	1	Job Reference (optional)

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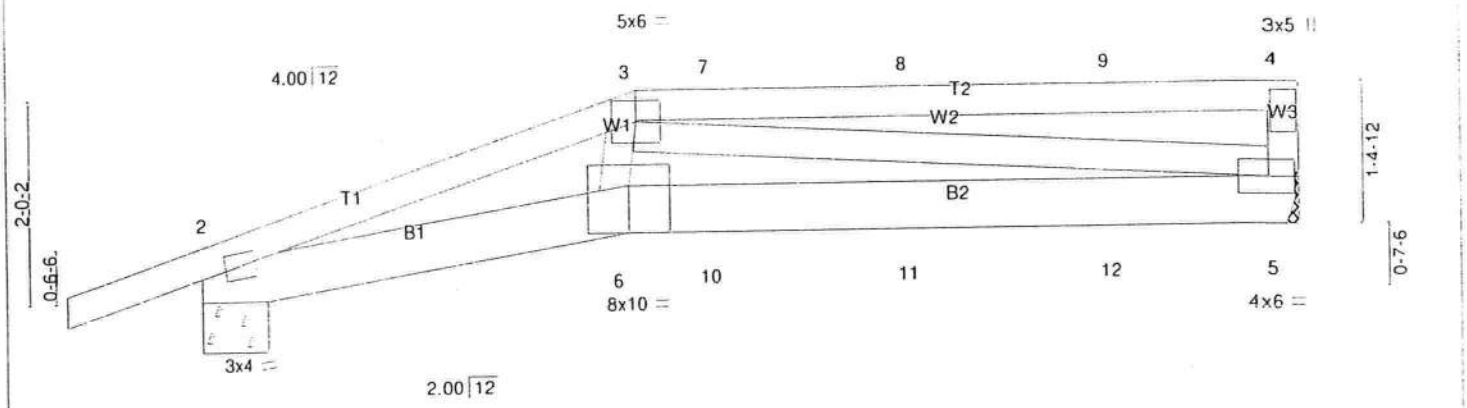
-1-4-8 | 4-5-4 | 7-6-14 | 11-0-0
1-4-8 | 4-5-4 | 3-1-10 | 3-5-2

Scale = 1:22.0



4-4-4 | 7-6-14 | 11-0-0
4-4-4 | 3-2-10 | 3-5-2

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.52	Vert(LL)	-0.06	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.11	5-6	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.67	Horz(TL)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 56 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-10-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-4-6 oc bracing.

REACTIONS (lb/size) 5=537/Mechanical, 2=640/0-8-0
Max Horz 2=87(LC 5)
Max Uplift5=-229(LC 3), 2=-321(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/12, 2-3=-1644/678, 3-7=-458/245, 7-8=-458/245, 8-9=-458/245, 4-9=-458/245, 4-5=-183/170
BOT CHORD 2-6=-668/1517, 6-10=-657/1448, 10-11=-657/1448, 11-12=-657/1448, 5-12=-657/1448
WEBS 3-6=-83/527, 3-5=-1003/418

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 229 lb uplift at joint 5 and 321 lb uplift at joint 2.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 9 lb down and 65 lb up at 5-2-14, and 9 lb down and 73 lb up at 7-2-14, and 9 lb down and 73 lb up at 9-2-14 on top chord, and 131 lb down and 113 lb up at 4-4-4, 12 lb down at 5-2-14, and 12 lb down at 7-2-14, and 12 lb down at 9-2-14 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) 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=-46, 3-4=-46, 2-6=-40, 5-6=-40
Concentrated Loads (lb)
Vert: 6=-131(F) 7=-9(F) 8=-9(F) 9=-9(F) 10=-12(F) 11=-12(F) 12=-12(F)

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	JS4	SPECIAL	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

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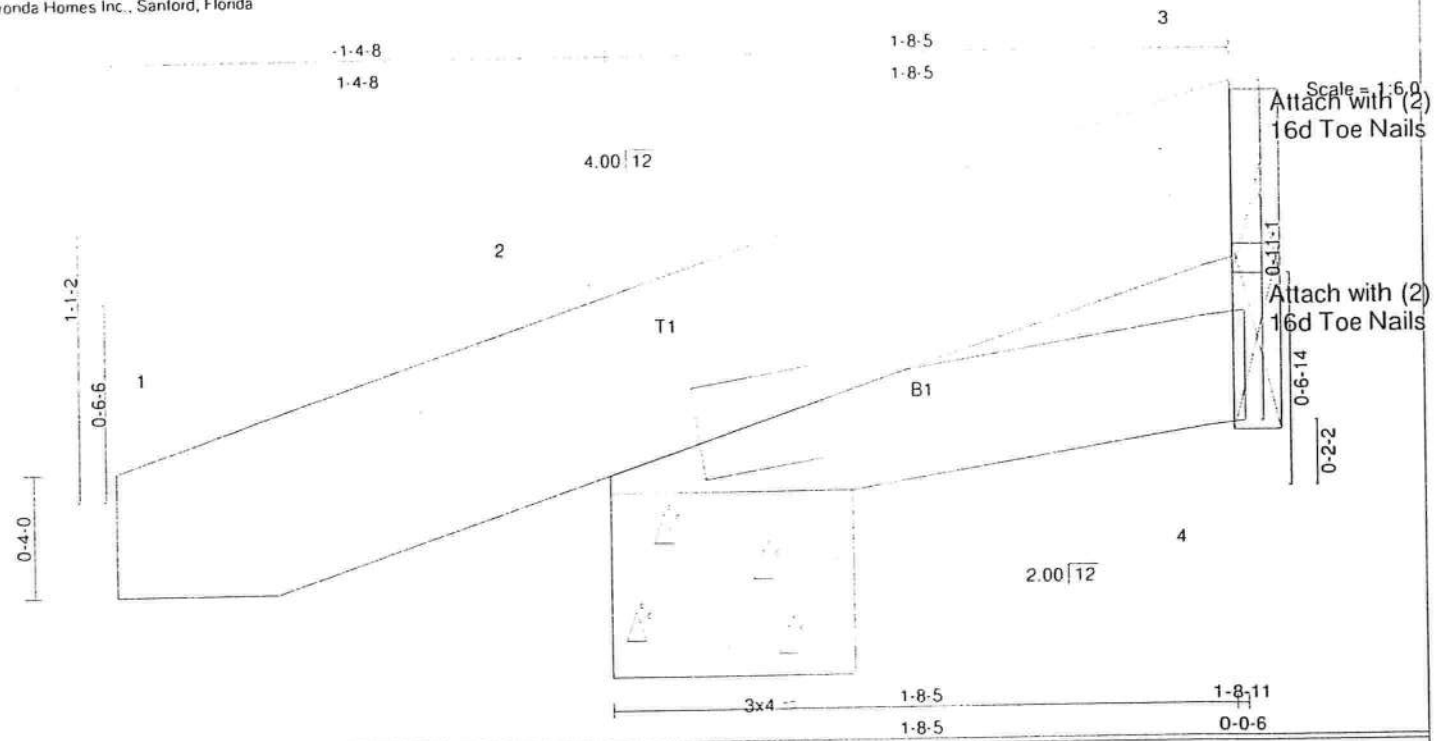


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.05	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 10 lb	

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

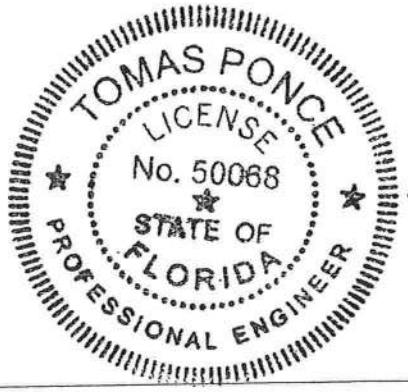
BRACING
TOP CHORD Structural wood sheathing directly applied or 1-8-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=147/0-8-0, 4=33/Mechanical, 3=16/Mechanical
Max Horz 2=42(LC 4)
Max Uplift2=-104(LC 4), 3=-18(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/6, 2-3=-26/4
BOT CHORD 2-4=-4/4

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 104 lb uplift at joint 2 and 18 lb uplift at joint 3.

LOAD CASE(S) Standard



JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	VT30	GABLE	2	1	Job Reference (optional)

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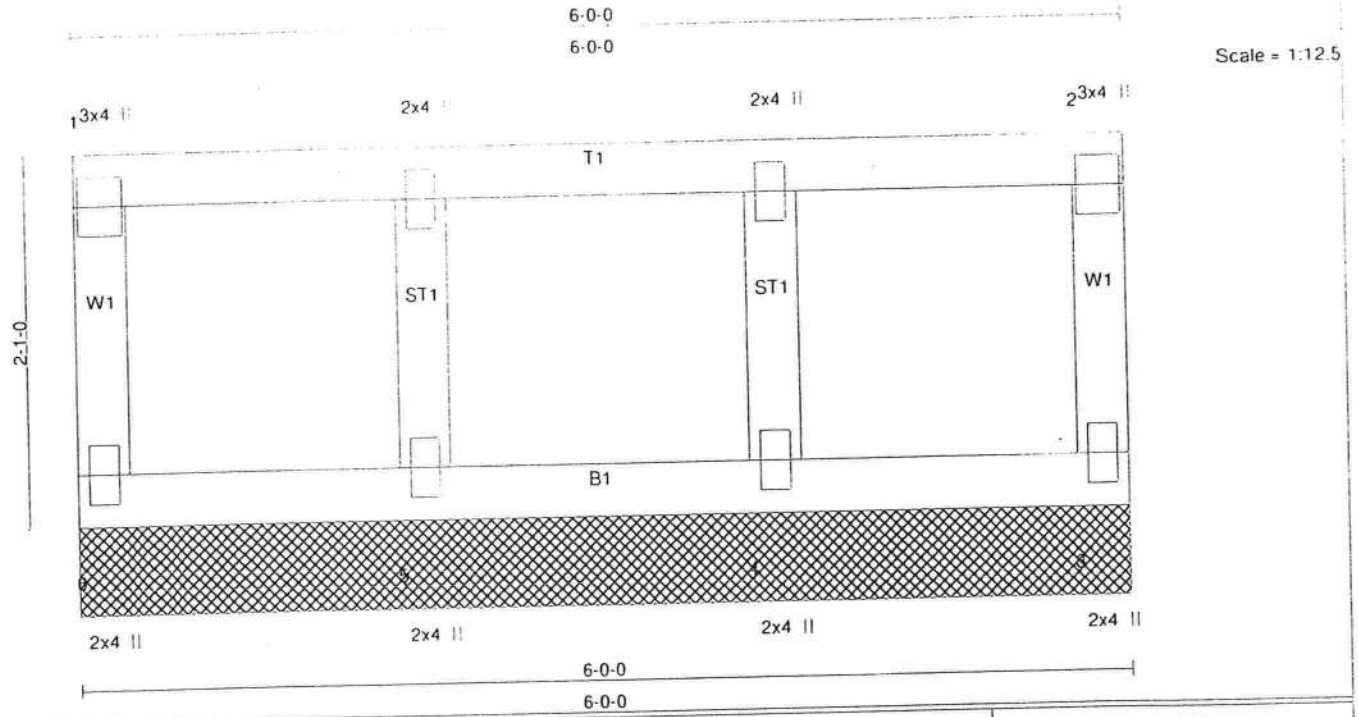
Maronda Homes Inc., Sanford, Florida



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

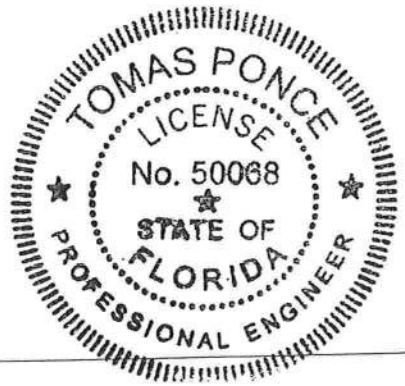
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=180/6-0-0, 3=180/6-0-0, 5=65/6-0-0, 4=65/6-0-0
Max Uplift 6=-96(LC 4), 3=-96(LC 4)
Max Grav 6=180(LC 1), 3=180(LC 1), 5=77(LC 2), 4=77(LC 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-6=-131/135, 1-2=-76/74, 2-3=-131/135
BOT CHORD 5-6=-74/76, 4-5=-74/76, 3-4=-74/76

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 6 and 96 lb uplift at joint 3.

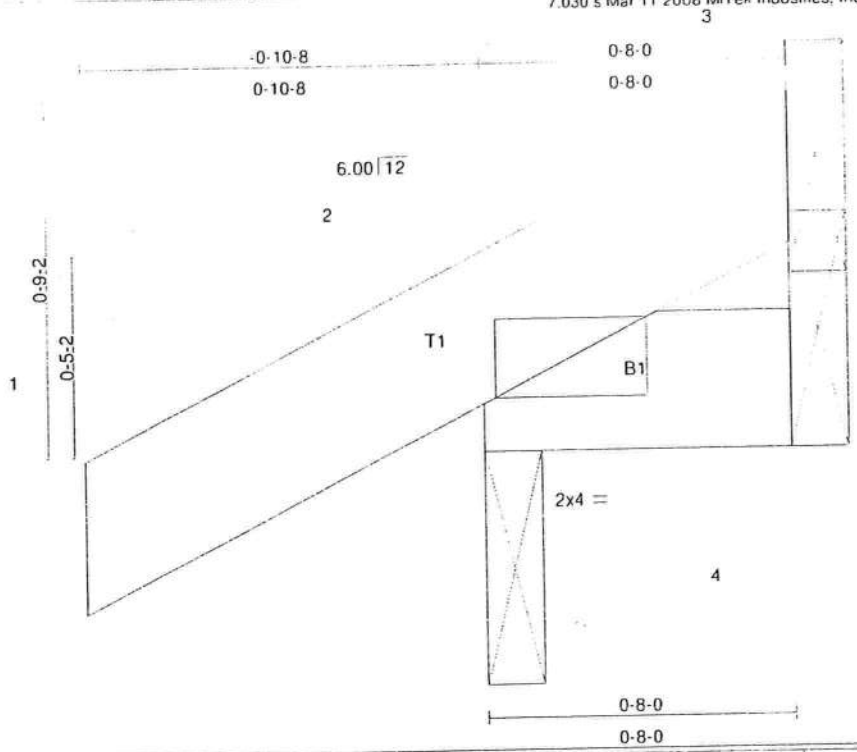
LOAD CASE(S) Standard



JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	J7	JACK	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:42:59 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.06	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.00	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 4 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 0-8-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=97/0-1-8, 4=13/Mechanical, 3=-13/Mechanical
Max Horz 2=39(LC 6)
Max Uplift2=-91(LC 6), 3=-13(LC 1)
Max Grav 2=97(LC 1), 4=13(LC 1), 3=23(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/14, 2-3=-25/26
BOT CHORD 2-4=0/0

NOTES (7)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 2 and 13 lb uplift at joint 3.
7) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

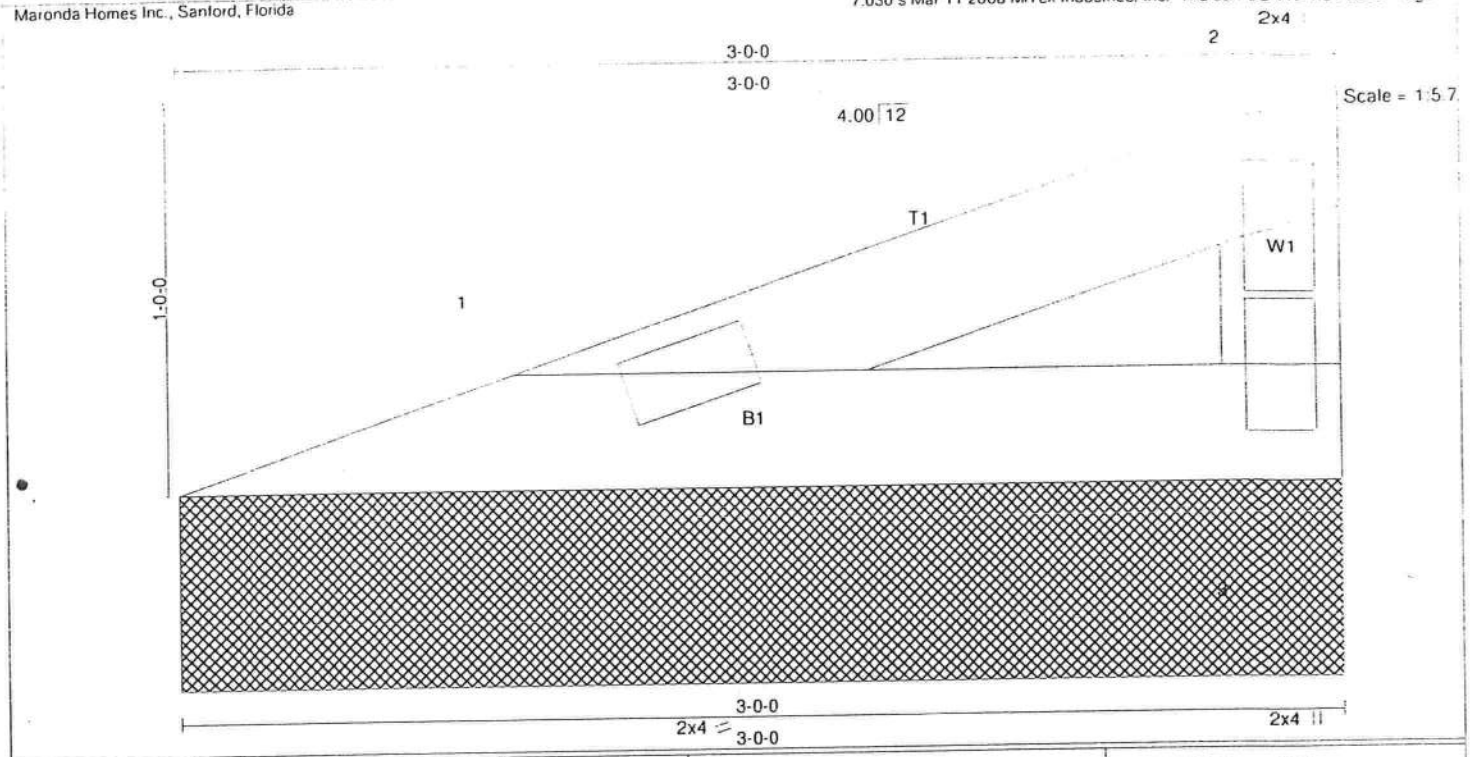
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V5	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:44:01 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 8 lb	

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

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

REACTIONS (lb/size) 1=84/3-0-0, 3=84/3-0-0
Max Horz 1=27(LC 4)
Max Uplift1=-16(LC 4), 3=-25(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-20/11, 2-3=-45/48
BOT CHORD 1-3=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 16 lb uplift at joint 1 and 25 lb uplift at joint 3.

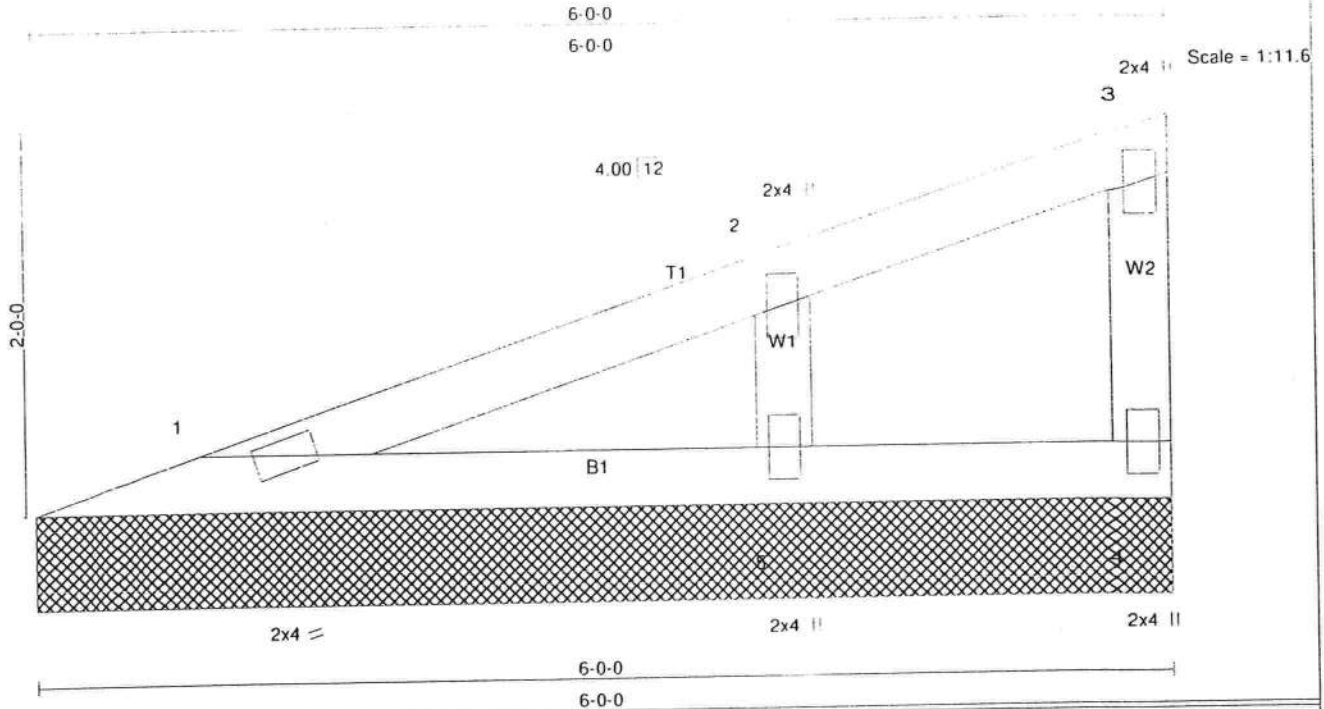
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V6	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:44:02 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 20 lb	

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

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

REACTIONS (lb/size) 1=108/6-0-0, 4=38/6-0-0, 5=280/6-0-0
Max Horz 1=68(LC 4)
Max Uplift1=-10(LC 4), 4=-11(LC 4), 5=-83(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-69/27, 2-3=-21/4, 3-4=-20/21
BOT CHORD 1-5=0/0, 4-5=0/0
WEBS 2-5=-150/157

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 10 lb uplift at joint 1, 11 lb uplift at joint 4 and 83 lb uplift at joint 5.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V10	GABLE	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:44:03 2008 Page 1

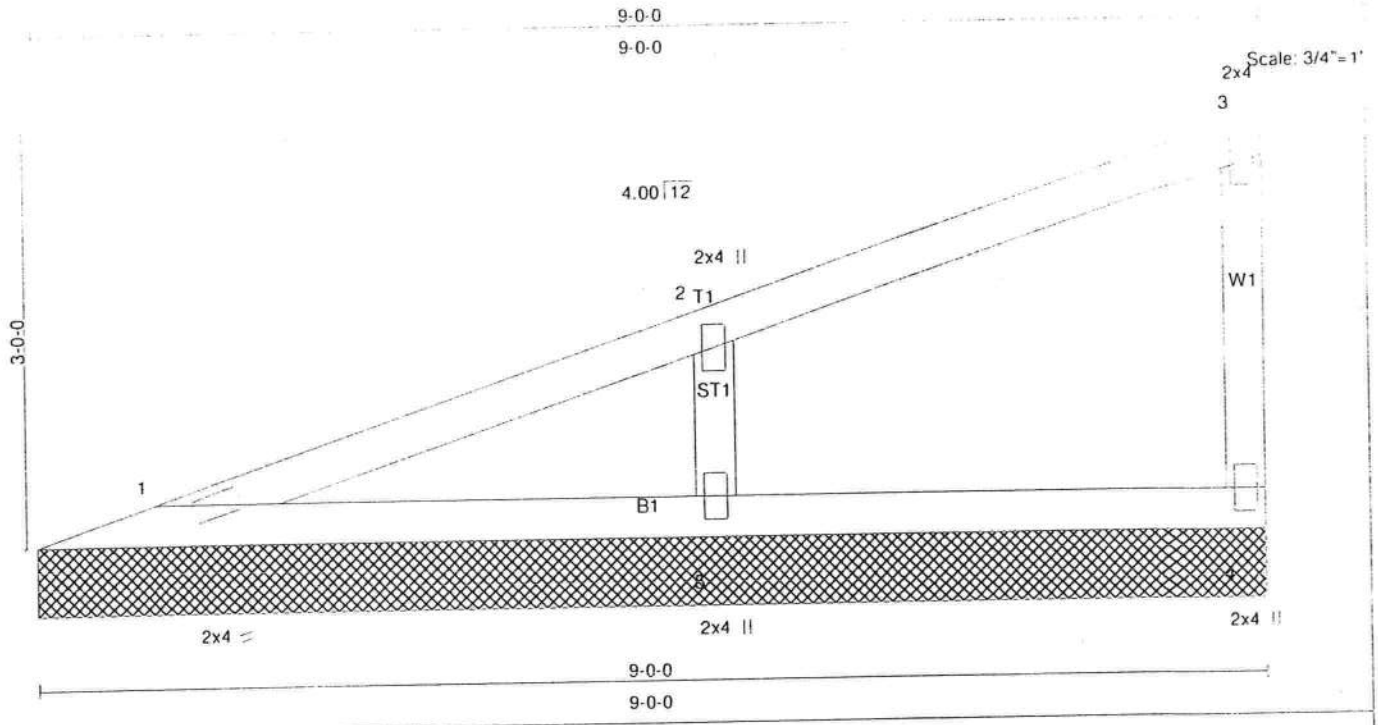


Plate Offsets (X,Y): [3:0-0-0,0-0-0], [4:0-0-0,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 31 lb	

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

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

REACTIONS (lb/size) 1=135/9-0-0, 4=122/9-0-0, 5=428/9-0-0
Max Horz 1=110(LC 4)
Max Uplift1=-4(LC 4), 4=-36(LC 4), 5=-127(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-114/37, 2-3=-35/15, 3-4=-65/66
BOT CHORD 1-5=0/0, 4-5=0/0
WEBS 2-5=-229/231

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 1, 36 lb uplift at joint 4 and 127 lb uplift at joint 5.

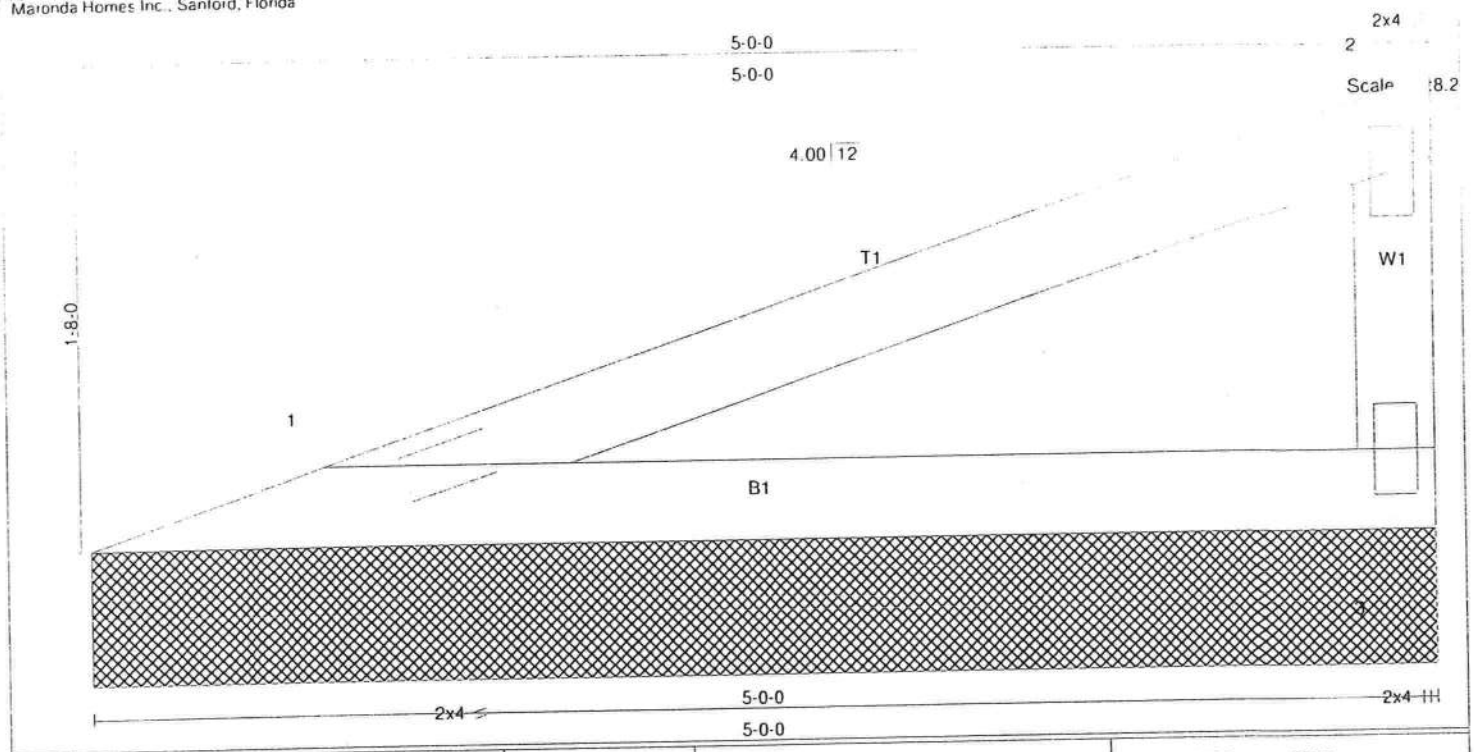
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V13	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:44:04 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 15 lb	

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

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

REACTIONS (lb/size) 1=170/5-0-0, 3=170/5-0-0
Max Horz 1=55(LC 4)
Max Uplift1=-33(LC 4), 3=-51(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-40/23, 2-3=-91/96
BOT CHORD 1-3=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 1 and 51 lb uplift at joint 3.

LOAD CASE(S) Standard

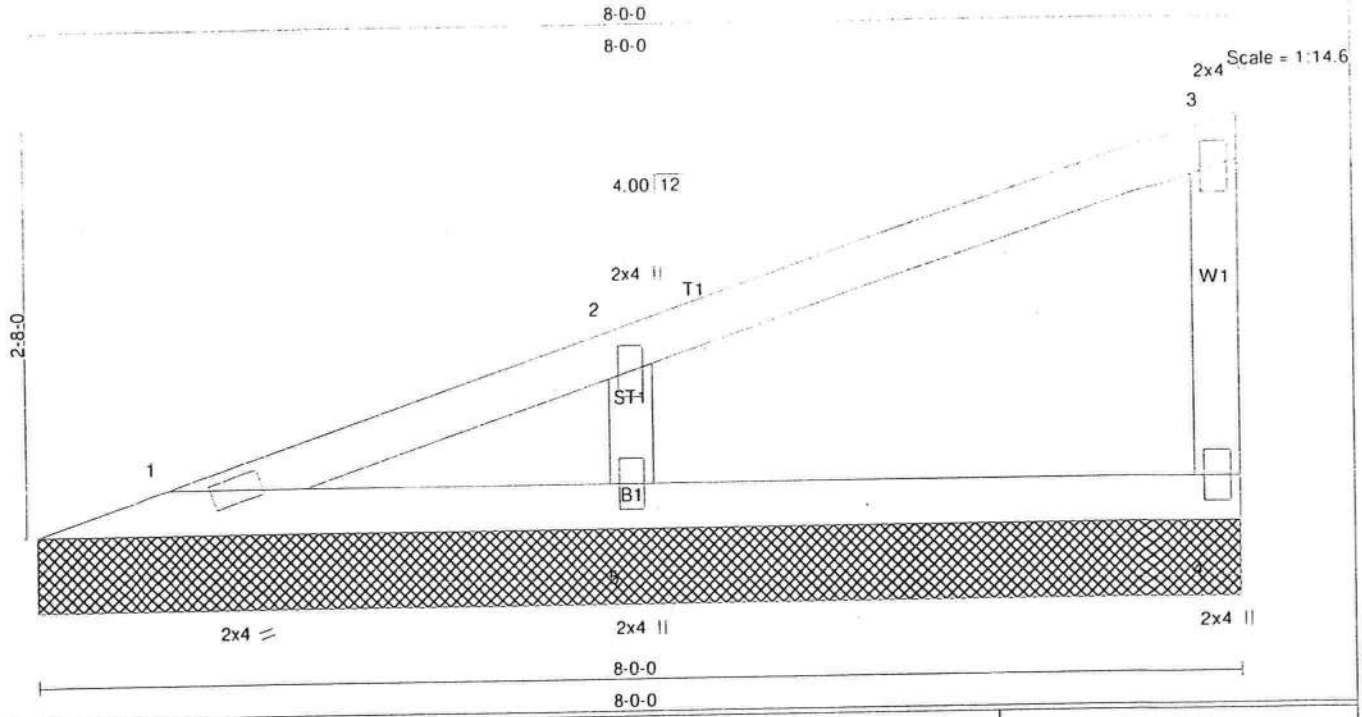
TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V14	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:44:05 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 1=90/8-0-0, 4=131/8-0-0, 5=377/8-0-0
Max Horz 1=96(LC 4)
Max Uplift4=-39(LC 4), 5=-112(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-105/30, 2-3=-34/17, 3-4=-70/72
BOT CHORD 1-5=0/0, 4-5=0/0
WEBS 2-5=-202/206

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 4 and 112 lb uplift at joint 5.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V22	VALLEY 3x4	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

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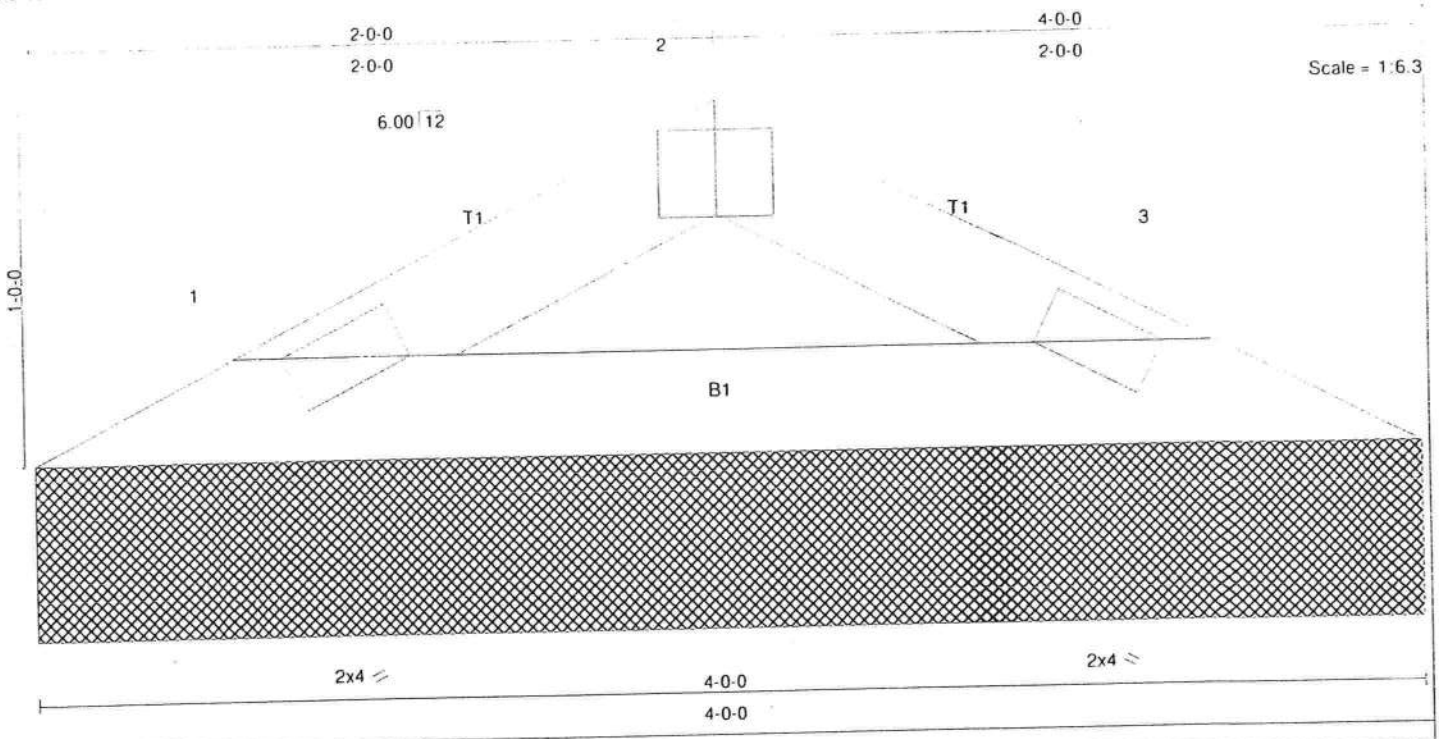

Plate Offsets (X,Y): [2:0-2-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 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 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=119/4-0-0, 3=119/4-0-0
Max Horz 1=11(LC 5)
Max Uplift1=-23(LC 6), 3=-23(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-82/69, 2-3=-82/69
BOT CHORD 1-3=-42/64

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 1 and 23 lb uplift at joint 3.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V23	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida

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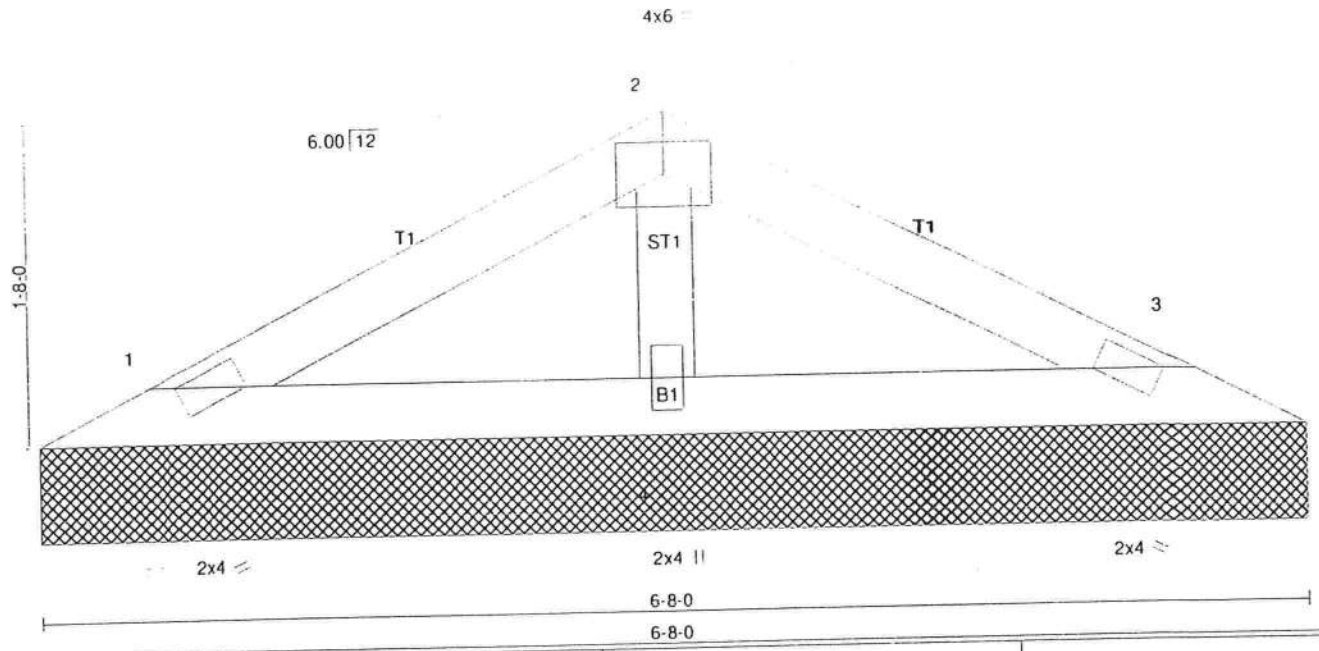
3-4-0 | 6-8-0 (3-4-0)

Scale = 1:11.5



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 21 lb	

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

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

REACTIONS (lb/size) 1=110/6-8-0, 3=110/6-8-0, 4=247/6-8-0
Max Horz 1=-22(LC 4)
Max Uplift1=-36(LC 6), 3=-40(LC 7), 4=-16(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-37/32, 2-3=-37/32
BOT CHORD 1-4=-2/14, 3-4=-2/14
WEBS 2-4=-112/90

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 36 lb uplift at joint 1, 40 lb uplift at joint 3 and 16 lb uplift at joint 4.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

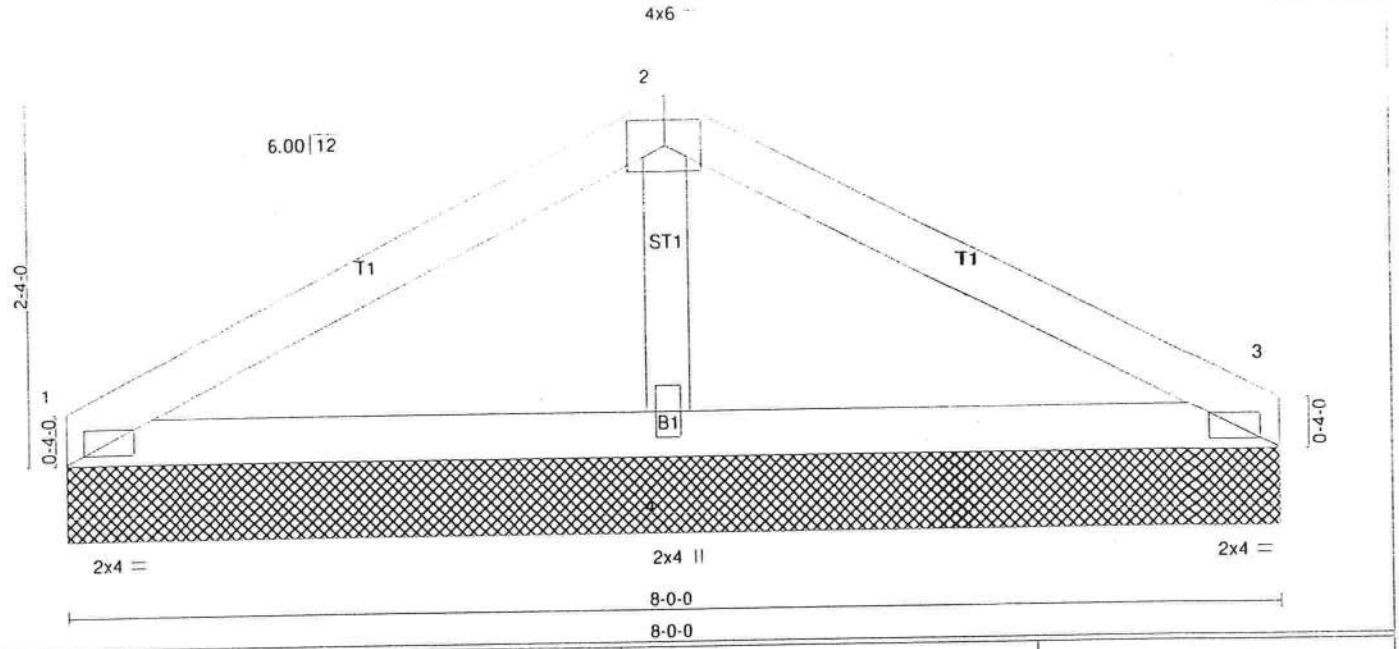
JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V24	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:44:11 2008 Page 1

4-0-0 / 4-0-0 — 8-0-0 / 4-0-0

Scale = 1:14.5



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 28 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 10-0-0 oc bracing.

REACTIONS (lb/size) 1=162/8-0-0, 3=162/8-0-0, 4=364/8-0-0
Max Horz 1=-34(LC 4)
Max Uplift1=-53(LC 6), 3=-59(LC 7), 4=-24(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-56/48, 2-3=-56/47
BOT CHORD 1-4=-3/20, 3-4=-3/20
WEBS 2-4=-164/129

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 53 lb uplift at joint 1, 59 lb uplift at joint 3 and 24 lb uplift at joint 4.

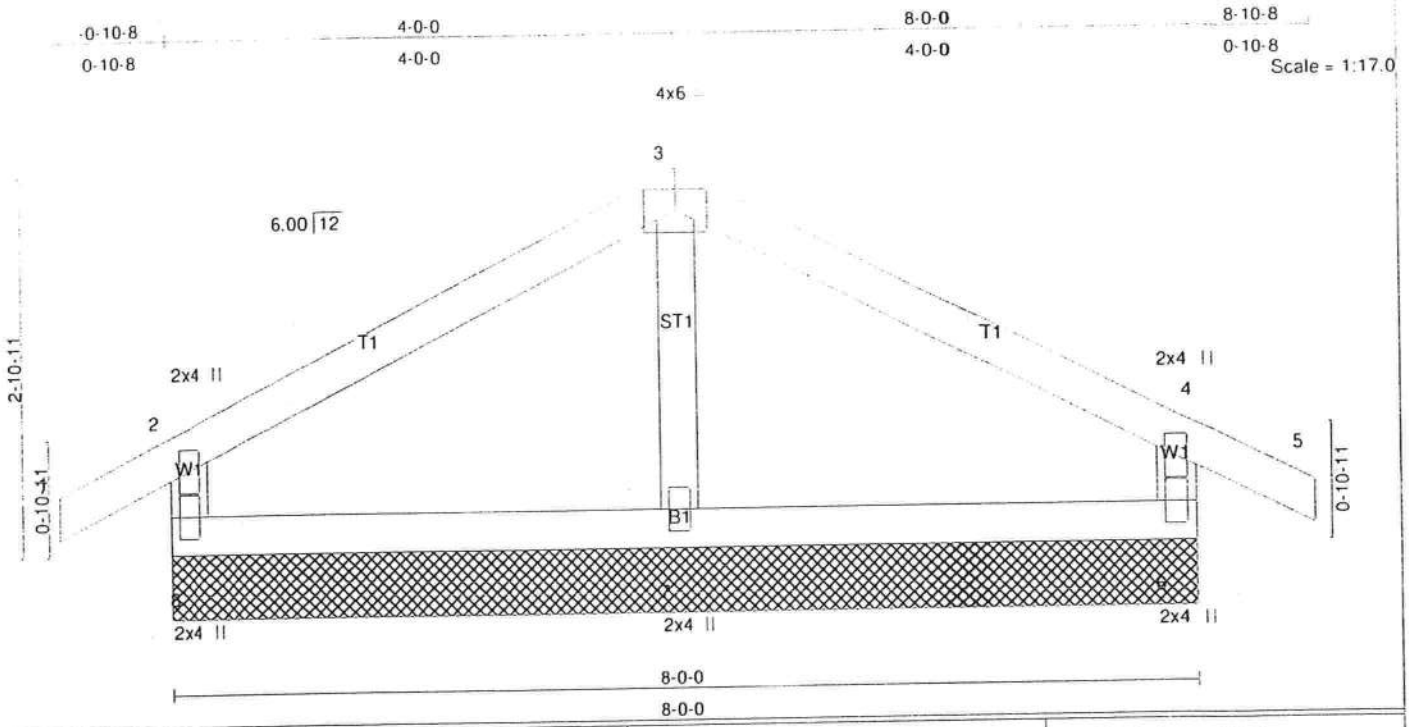
LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Job	Truss	Truss Type	Qty	Ply	ARLINGTON_FLORIDA_125
ARLINGTON	V25	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.030 s Mar 11 2008 MiTek Industries, Inc. Thu Jun 05 11:44:12 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.09	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	0.00	5	n/r	120		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(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.2
OTHERS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 8=249/8-0-0, 6=249/8-0-0, 7=258/8-0-0
Max Horz 8=-54(LC 7)
Max Uplift8=-118(LC 6), 6=-121(LC 7), 7=-5(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 2-8=-178/215, 1-2=0/21, 2-3=-140/93, 3-4=-140/93, 4-5=0/21, 4-6=-178/215
BOT CHORD 7-8=-24/91, 6-7=-24/91
WEBS 3-7=-93/86

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 118 lb uplift at joint 8, 121 lb uplift at joint 6 and 5 lb uplift at joint 7.

LOAD CASE(S) Standard

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 10 2008

Columbia County

Building Department

Residential Plan Review Checklist

Application #0807-06

Date Received: 7/6/08

911 Address: 302 SW Timber Ridge Drive

Applicant Name: Patrick Wilson Phone # 904-296-1490

Owner Name: Maronda Homes Phone # 904-296-1490

Contractor Name: Theodore C. Brock Phone # 904-296-1490

Engineer/Architect Name: Elmer Bergman P.E. # 50158 Phone # 407-321-0064

Fax Numbers: 904-332-6367

Application and Processing Forms

1.	Application & Checklist complete	Yes
2.	Notice of Commencement recorded at Columbia County Clerk office.	Yes
3.	Section 10 Township 4s Range 16 Parcel Number 02856-119 Subdivision Name Timberlands Lot 19 Block 1	
4.	A copy of a approved Columbia County Environmental Health waste disposal system Permit # 080460	Yes
5.	Owner Builder disclosure statement	N/A

6.	Front Setback 50' Side Setback 45' Side Setback 45' Rear Setback 59'	
7.	Height of proposed structure measured from existing grade.	
8.	Under roof square footage 2288	
9.	Condition heated/cooled area 1877 Florida energy code Matches 1877	
10.	Do worksheet calculations agree with calculations on plans?	Yes
11.	Is the structure within the floodway?	No

Structure Code Compliance

12.	Are plans sealed by Architect or Engineer?	Yes
13.	Is correct wind speed shown? (FBC R301.2(4)) 110 MPH (3 second gust) Sheet OJ 125 MHP	Yes
14.	Is exposure category 'B' shown? (FBC R301.2.1.4) Sheet OJ	Yes
15.	Is Importance Factor 1 shown? (FBC 1604.5) Sheet OJ	Yes
16.	Is internal pressure coefficient shown? (fully enclosed .18/Partial .55) ASCE 7 Sheet OJ	Yes
17.	Are pressures for wind loading on components and cladding shown? (FBC R301.2) Sheet OJ	Yes
18.	Is there a proposed detach accessory structure on the same lot?	No
19.	Are the exterior walls, less than 6' apart, protected by 1 hr fire-resistance rating? (FBC R302.1)	N/A

20.	Are the projections extending into the 6' separation distance protected by 1 hr fire-resistance rating? (FBC R302.1	N/A
21.	Are penetrations located in the exterior wall of a dwelling separated by less than 6' protected in accordance with FBC R317.3?	N/A

Energy Code Information

22.	Is current energy code form completed properly and signed by designer and owner/agent, address, climate zone(3), Jurisdiction (Columbia County) and jurisdiction number (221000)? (FBC 13-600)	Yes
23.	Does conditioned square feet area on plans match square feet shown on energy forms?	Yes
24.	Manuel J submitted?	Yes

Construction Plans

25.	Is Designer's name, address and phone number shown on plans?	Yes
26.	Are current codes used for design listed?	Yes

Foundation Plan

27.	Are all footings shown, including interior bearing walls, column pads and concentrated loads? Sheet FTG	Yes
28.	Are all locations of vertical reinforcement and anchor bolts shown with spacing and size?	Yes
29.	Are all elevation changes in slab shown? Sheet FTG	Yes
30.	Is horizontal reinforcement shown or specified? Sheet 2J	Yes
31.	Is minimum concrete PSI shown? (FBC R402.2) 2500 PSI Sheet 2J General foundation notes	Yes
32.	Wire meshes size and gauges or Fiber meshes reinforcement shown?	N/A
33.	Fiber meshes reinforcement only? Sheet 2J General foundation notes	Yes
34.	Is vapor barrier, minimum 6 mil. shown? (FBC R320.1.4 & R506.2.3) Sheet 2J General foundation notes	Yes
35.	Is minimum slab on grade thickness shown? (FBC R506.1) 3 1/2 " Sheet FTG	Yes
36.	Is type of soil treatment for termites shown? (FBC R320) Sheet 2J General foundation notes	Yes
37.	Is perimeter slab reinforcement shown? Sheet 2J	Yes
38.	Do plans show bottom of foundation minimum of 12" below finish grade? (FBC R403.1.4)Sheet FTG	Yes
39.	Do plans show concrete footings have a specified compressive strength of not less than 2500 PSI at 28 days? (FBC TABLE R402.2) Sheet 2J General foundation notes Sheet 2J General foundation notes	Yes

Typical Wall Section

40.	Is finished grade shown?	No
41.	Is minimum floor elevation shown?	No
A.	Minimum 6" above adjacent grade? (FBC R319.1(5))	Yes
B.	Minimum 12" above crown of road or drainage plan submitted? Sheet 2J General foundation notes	Yes
C.	Flood protection elevation?	No

Typical Wall Section

D.	Base flood elevation?	N/A
E.	Are engineered floor elevations shown? See subdivision plat	No
42.	Is minimum footing depth beneath finished grade shown? (FBC R403.1.4) Sheet FTG	Yes

43.	Are all footing sizes shown? (FBC TABLE R403.1 for minimum) Sheet FTG	Yes
44.	Are all horizontal reinforcements shown? (FBC R606.8) Sheet FTG	Yes
A.	Number and size of reinforcement? Sheet FTG	Yes
B.	Minimum lap?	Yes
43.	Is vertical reinforcement shown with spacing? (FBC R606.8) Sheet FTG	Yes
44.	Masonry construction: 8" CMU	
A.	Is exterior wall finish shown? Sheet WS-B1	Yes
B.	Is interior wall finish shown? Sheet WS-B1	Yes
C.	Is interior furring shown? Sheet WS-B1	Yes
D.	Is insulation shown for exterior walls, floors, and roofs? Sheet WS-B1	Yes
45.	Wood frame construction: (FBC R602.3)	N/A
A.	Is stud size, spacing, grade and lumber species shown? (FBC R602.3.1)	
B.	Are exterior sheathing (type and thickness) and attachment details shown? (FBC R602.3)	
C.	Are nailing requirements (size and spacing) shown? (FBC R602.3(1) through R602.3(4))	
D.	Is exterior wall finish shown?	
E.	Is interior wall finish shown?	
F.	Is wall insulation shown?	
G.	Is minimum clearance between wood siding and finished grade shown? (FBC R319.1(5)) 6"	
H.	Are shear wall segments shown with detailed drawings?	
I.	Type of hold-downs with locations, number and type of fasteners shown?	
46.	Are all hurricane anchorage and hold-downs specified and labeled?	
47.	Is connector schedule showing connector type, max uplift, number and size of fasteners provided?	
48.	Is ceiling type shown, drywall thickness?	
49.	Are ceiling heights shown? (FBC R305)	

Roof Framing:

50.	Are engineered trusses shown? (FBC R802.10.2)	Yes
51.	Are conventional frame rafters used? (FBC R802.2)	
52.	Rafter size shown?	
53.	Are all hurricane anchors and hold downs shown and specified?	
54.	Species of lumber shown?	
55.	Grade of lumber shown?	
56.	Type of roof sheathing shown? (FBC R803) Sheet WS-B1 A	Yes
57.	Thickness of roof sheeting shown? Sheet WS-B1 A	Yes
58.	Grade of roof sheeting shown? Sheet WS-B1 A	Yes
59.	Nailing pattern of roof sheeting shown? (FBC Table R602.3(1)) Sheet WS-B1 A	Yes
60.	Type of roof cover shown? Sheet WS-B1 A	Yes
61.	Attachment asphalt/fiberglass shingles shown? (FBC R905.2) Sheet WS-B1 A	Yes
62.	Other roof covering and attachments shown?	NO
63.	Length of roof overhang shown? Sheet WS-B1 A	Yes
64.	Type of soffit and fascia shown? Sheet WS-B1 A	Yes
65.	Attic ventilation shown? (FBC R806) Sheet RSL J	Yes

Floor Plan

66.	Does square footage on plan match square footage shown on energy form and site plan?	Yes
67.	Are square footage calculations shown for total square footage under roof? Sheet 3J	Yes

68.	Are all room dimensions shown? (FBC R304.3) sheet 3J	Yes
69.	Are all door and window sizes shown? sheet 3J	Yes
70.	Are all exterior and adjacent doors shown to be insulated or solid core (other than glass doors)?	Yes
71.	Is garage separated from the residence and its attic area by not less than 1/2 inch gypsum board? (FBC R309.2)	Yes
72.	Are habitable rooms above the garage separated by not less than 5/8 inch Type X gypsum board? (FBC R309.2)	N/A
73.	Is door between garage and living space equipped with solid wood door not less than 1 3/8 inches, solid or honeycomb core steel door not less than 1 3/8 inches thick, or 20 minute fire-rated door? (FBC R309.1)	Yes
74.	Are all emergency egress openings shown (egress windows and doors)? (FBC R310.1) sheet 3J	Yes
75.	Is required tempered glass shown at all hazardous locations? (FBC R308.4)	Yes
76.	Are all vertical reinforcements shown for shear walls shown?	N/A
77.	Are all shear wall segments shown?	N/A
78.	Are all hold-downs and hurricane anchorage shown and identified?	N/A
79.	Is required attic access shown? - 22" x 30" (FBC R807.7) sheet 3J	Yes
80.	Does one (1) bathroom on the first habitable floor level have a 29" net clear door opening and handicap accessible route? (FBC 11-11) (minimum door size 32") sheet 3J	Yes
81.	Does bedroom not opening directly into garage? (FBC R309.1)	No
82.	Is at least one 3' 0" wide, side hinged egress door shown? (FBC R311.4)	Yes
83.	Do doors and landings comply with FBC R311.4.3?	Yes
84.	Are habitable rooms shown with the minimum light and ventilation requirements of FBC R303.1? (8% natural light)	Yes
85.	Are garage doors, all windows, doors, sky lights and other openings shown as meeting wind load requirements for components and cladding per FBC R301.2.1? Are design pressures specified? Sheet 1,2 & 3	Yes
86.	Does floor plan show fireplace?	No
87.	Does masonry fireplace have a detailed for a load-bearing foundation?	N/A
88.	Are copies of pre-fabricated fireplace manufacturer's specifications included?	N/A
89.	Is hearth size and detail shown? (FBC R1003.9)	N/A

Stairs Details

90.	Is minimum stair width shown? (FBC R311.5.1)	N/A
91.	Are tread and riser sizes shown? (FBC R311.5.3)	N/A
92.	Do spiral stairways comply with FBC R311.5.8.1?	N/A
93.	Are required landings and size shown? (Max vertical rise is 12' between floors.) (FBC R311.5.4)	N/A
94.	Are handrail height, spacing and grasp ability details shown? (FBC R311.5.6)	N/A
95.	Is required headroom clearance shown? (FBC R311.5.2) 6' 8"	N/A
96.	Are guardrail height, spacing and details shown (max openings less than 4")? (FBC R312)	N/A
97.	Are exterior door landing shown?	N/A

Porches

98.	Are all columns and beams shown for porches and lanais?	Yes
99.	Are column type, size and anchorage shown?	Yes
100.	Are beam type, size, span and anchorage shown including garage opening and porch beams? Sheet WL1 J	Yes
101.	Are all lintel and beam details shown? (FBC R611.7.3) Sheet WL1 J	Yes

Floor Framing (FBC-2307)

102.	Is joist plan provided, showing size, spacing, span, species, grade of lumber and connections?	N/A
103.	Is floor sheathing indicated, showing type, thickness and nailing pattern? (FBC R503)	N/A

104.	Is crawl space opening shown (18" x 24" minimum)? (FBC R408.3)	N/A
105.	Is the crawl space showed to be insulated, showing R rating?	N/A
106.	Is joist plan provided, showing size, spacing, span, species, grade of lumber and connections?	N/A
107.	Is floor sheathing indicated, showing type, thickness and nailing pattern? (FBC R503)	N/A
108.	Is crawl space opening shown (18" x 24" minimum)? (FBC R408.3)	N/A
109.	Is the correct amount of area of ventilation openings shown? (FBC R408.2)	N/A

Elevations

110.	Does plan show four (4) elevations? Sheet 1J	Yes
111.	Are attic ventilation requirements shown? (FBC R806.1)	
112.	Are roof pitch and overhang shown for sloped and flat roofs?	
113.	Is chimney height and location shown? (FBC R1001.6)	
114.	Are all lanai/porch details shown?	
115.	Are roof drainage provisions shown? (FBC R801.3)	
116.	Does the front elevation show the existing grade elevation?	
117.	Is total height shown from the existing grade, not from finished floor?	

Structural Details (also see Structural Code Compliance section)

118.	Are gable end bracing details shown?	
119.	Are roof sheeting nailing zones shown? (FBC FIGURE R301.2(8)) Sheet RS 1 J	Yes
120.	Are wind design pressures for components and cladding shown? (FBC R301.2)	
121.	Are exterior windows and glass doors shown as approved by independent testing laboratory and do they bear a label by AAMA or WDMA or other approved label? (FBC R613.3.1)	
122.	Are exterior window and door manufacturer's specifications and installation details which meet the specified design pressures provided?	
123.	Are window and door installation and buck details shown?	
124.	Are mullion installation details and design criteria provided	
125.	Are garage door positive and negative design wind pressures shown as meeting requirements of 1.5 x pressure? (FBC R613.4)	
126.	Are number and size of fasteners for all connections shown?	

Electrical (NEC)

127.	Is underground service specified? Sheet EL1 A	Yes
128.	Is an exterior service disconnect shown?	No
129.	Is service size (amps) and location shown? (NEC 230) Sheet EL1 A	Yes
123.	Are panel locations shown with proper clearances (NEC 384)? Sheet EL1 A	Yes
124.	Are disconnects shown (WH and A/C equipment) (NEC 440-14)? Include exterior 110 Volt receptacle GFI Near Ac Compressor	Yes
125.	Are GFI receptacles (kitchen, bath, exteriors, basements and garage) shown? (NEC 210-8)	Yes

Electrical (NEC)

126.	Are all smoke detectors shown (bedroom halls, top & bottom of stairs)? (FBC R313.1)	Yes
127.	Are the required carbon monoxide alarm shown within 10 feet of each room used for sleeping room , with the dwelling having a fossil-fuel-burning heater or appliance, a fireplace, or an attached garage carbon monoxide alarm installed purposes.	NO
128.	Are receptacle locations shown? (NEC 210-52) The 2008 National Electric Code expands the Combination Type AFCI requirement beyond bedroom circuits to include ***additional circuits in the home***, (i.e. family rooms, dining rooms, living rooms, hallways, libraries, dens, sun rooms, recreation rooms, and similar rooms.	No
129.	NEC Article 406.11 states that all 125-volt. 15- and 20-ampere receptacles shall be listed tamper-resistant receptacles the effective date will be upon the adoption of the 2008 NEC	No
130.	Walls receptacles (12 ft. o.c. & 6 ft from openings)?	Yes
140.	Kitchen counter tops (12 in. widths, 48 in. o.c. and 2in. from edge of counter) and islands?	Yes

141.	Plan shows GFI – receptacles, with water proof or unattended type covers front and rear of dwelling.	Yes
142.	Is switched lighting shown? (NEC 210-70)	Yes
143.	A. Top and Bottom of stairs?	Yes
144.	B. Attic access?	Yes
145.	C. Exterior doors?	Yes
146.	D. Occupiable rooms (light or switched receptacle)?	Yes
147.	Are all electrical fixtures shown?	Yes

Plumbing (FPC)

148.	Are all plumbing fixtures shown on the foundation plan and floor plan?	No
149.	Is water heater size and location shown?	Yes
150.	Is the potable well shown on the site plan to include the size of pump motor, size of pressure tank and cycle stop valve?	City

Mechanical (FMC)

151.	Are all mechanical fixtures shown?	Yes
152.	Are the clothes dryer vent route shown not to exceed 25 feet from the dryer location to the outlet terminal.(Fuel & Gas code 504.4)	Yes

CERTIFICATE OF

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 10-4S-16-02856-119 **Building permit No.** 000027221

Use Classification SFD/UTILITY **Fire:** 70.62

Permit Holder THEODORE C.BROCK **Waste:** 184.25

Owner of Building MARONDA HOMES INC. OF FLORIDA. **Total:** 254.87

Location: 302 SW TIMBERRIDGE DRIVE, LAKE CITY, FL

Date: 11/14/2008

Wayne A. Russ

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

BOUNDARY SURVEY

IN SECTION 10, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

LEGAL DESCRIPTION:

LOT NINETEEN (19) OF "TIMBERLANDS, PHASE 1" AS PER PLAT THEREOF, AS RECORDED IN PLAT BOOK '9', PAGE 27 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

CERTIFIED TO:

1) MARONDA HOMES

BEARING NOTE:

BEARINGS SHOWN HEREON ARE REFERRED TO AN ASSUMED VALUE OF S. 00°16'22" W., FOR THE WEST PROPERTY LINE OF LOT 19.

BUILDING SETBACK NOTE:

BUILDING SETBACK INFORMATION FOR "TIMBERLANDS" IS AS FOLLOWS: FRONT 25', REAR 15', SIDE 10'

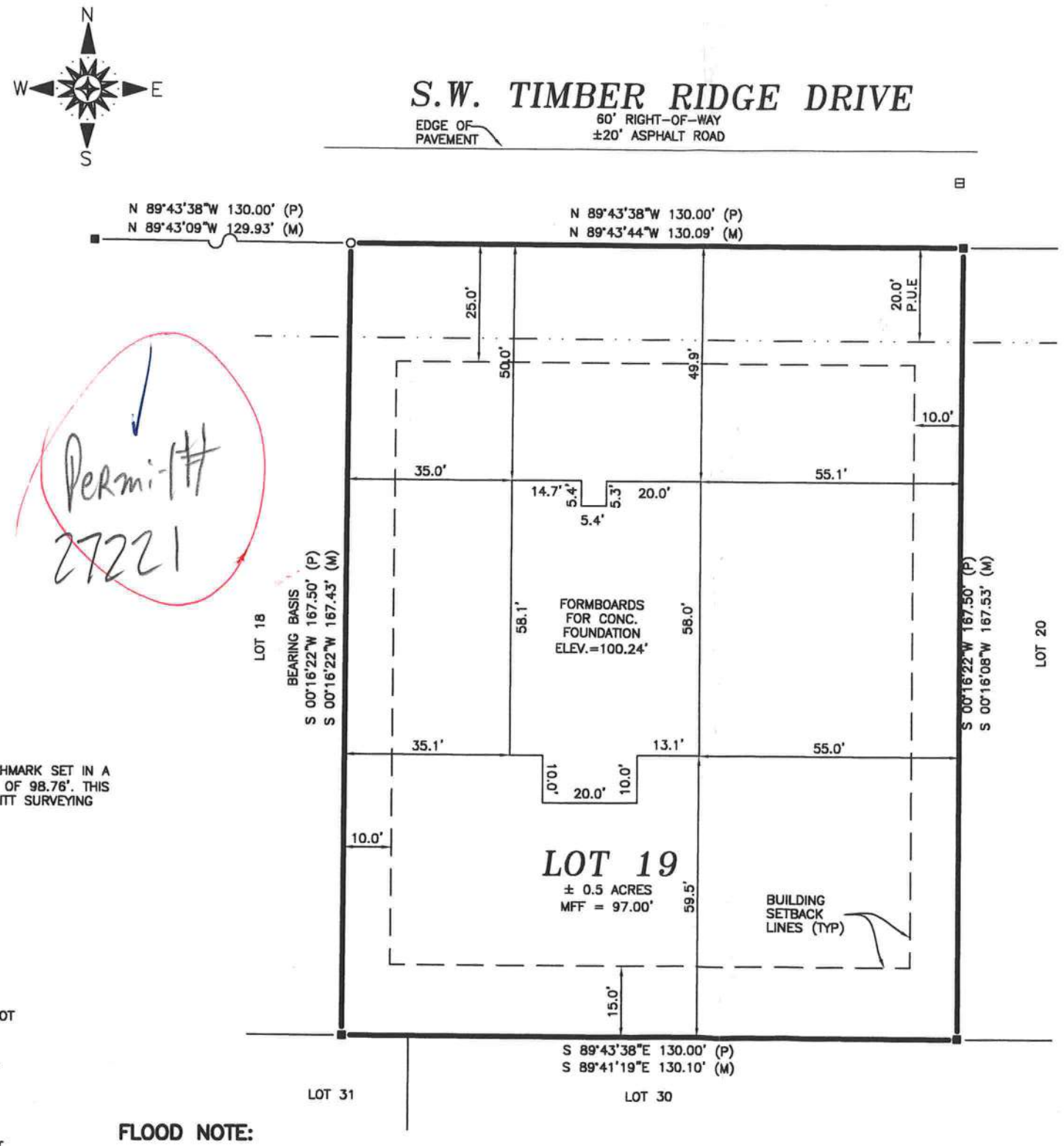
Permit # 27221

BENCHMARK NOTE:

ELEVATIONS SHOWN HEREON ARE BASED UPON A BENCHMARK SET IN A 8" PINE AT THE FRONT OF LOT 2, WITH AN ELEVATION OF 98.76'. THIS INFORMATION WAS PROVIDED TO THIS SURVEYOR BY BRITT SURVEYING (PLATTING SURVEYOR) DATUM UNKNOWN.

SURVEYOR NOTES:

1) TO THE BEST OF MY KNOWLEDGE, THERE ARE NO ENCROACHMENTS, BOUNDARY LINE DISPUTES, EASEMENTS, OR CLAIMS OF EASEMENTS, OTHER THAN ARE DEPICTED ON THIS DRAWING.
2) ALL UTILITIES AND OR IMPROVEMENTS, IF ANY, MAY NOT BE SHOWN ON THIS DRAWING.
3) IN THE OPINION OF THIS SURVEYOR THE BOUNDARY SHOWN HEREON BEST REPRESENTS THE LOCATION OF THE SUBJECT PROPERTY IN RELATION TO THE DESCRIPTION AND THOSE PROPERTY CORNERS FOUND TO BE ACCEPTABLE TO THIS SURVEYOR.
4) BUILDING SETBACK LINES DEPICTED HEREON ARE SHOWN AS PER THE RECORD PLAT, BUT ARE SUBJECT TO CHANGE. PRIOR TO ANY NEW CONSTRUCTION, THE APPROPRIATE GOVERNING AUTHORITY SHOULD BE CONTACTED FOR THE CURRENT SETBACK REQUIREMENTS.
5) THIS MAP OF SURVEY REFLECTS CONDITIONS LOCATED AS OF THE DATE OF FIELD WORK COMPLETION (SEE TITLE BLOCK).
6) AREAS OF ENVIRONMENTAL CONCERN HAVE NOT BEEN LOCATED BY THIS SURVEYOR, UNLESS OTHERWISE DEPICTED HEREON.



FLOOD NOTE:

IN THE OPINION OF THIS SURVEYOR, ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 120070-0175-B, DATED 1-6-88, THIS PROPERTY IS IN FLOOD ZONE "X" WHICH IS AN AREA DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN, AS SCALED FROM SAID MAP. INFORMATION FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAPS, SHOWN ON THIS MAP, WAS CURRENT AS OF THE REFERENCED DATE. MAP REVISIONS AND AMENDMENTS ARE PERIODICALLY MADE BY LETTER AND MAY NOT BE REFLECTED ON THE MOST CURRENT MAP.

TITLE NOTE:

THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH. THIS SURVEYOR HAS NOT PERFORMED A SEARCH OF THE PUBLIC RECORDS ON THIS PARCEL FOR ANY CLAIMS OF TITLE, EASEMENTS, OR RESTRICTIONS THAT MAY EFFECT THIS PARCEL. THE PRESENCE OR ABSENCE OF ANY SUCH CLAIMS ARE NOT CERTIFIED HEREON.

30 0 30 60 90

1" = 30'

LEGEND:

- ● = FOUND 1/2" REBAR NO IDENTIFICATION
- ⊙ = FOUND 1/2" REBAR & CAP L.B. 6894
- ○ = SET 1/2" REBAR & CAP L.B. 6894
- ⌀ = FOUND 3/4" IRON PIPE
- ■ = FOUND 4" X 4" CONC. MON. P.S.M. 5757
- □ = SET 4" X 4" CONC. MON. P.S.M. 5582
- ✕ = SET NAIL & DISK P.S.M. 5582
- ✕ = FOUND NAIL & DISK
- ⊠ = FOUND 6" X 6" S.R.D. R/W MON.
- ⊟ = CATV RISER
- ⊡ = TELEPHONE PEDESTAL
- ⌀ = WOOD POWER POLE

ABBREVIATIONS:

A/C = AIR CONDITIONER
ASPH = ASPHALT
C = CALCULATED FROM MEASURED
CATV = CABLE TELEVISION
C/B = CONCRETE BLOCK
CLF = CHAIN LINK FENCE
CM = CONCRETE MONUMENT
CONC = CONCRETE
ELEC = ELECTRIC
ELEV = ELEVATION
FND = FOUND
FNC = FENCE
LB = LICENSED SURVEYOR BUSINESS
(M) = FIELD MEASURED
MFF = MINIMUM FINISHED FLOOR
MH = MANHOLE
O.U. = OVERHEAD UTILITIES
P = PLAT
PB = PLAT BOOK
P.U.E. = PUBLIC UTILITIES EASEMENT
TRANS = TRANSFORMER
TYP = TYPICAL
WM = WATER METER
WV = WATER VALVE

CERTIFICATE OF SURVEYOR:

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO THIS MAP BY ANYONE OTHER THAN THIS SURVEYOR IS PROHIBITED.

I HEREBY CERTIFY THAT THE SURVEY DATA SHOWN HEREON, IS A TRUE AND CORRECT REPRESENTATION OF A SURVEY PERFORMED UNDER MY SUPERVISION OF THE HEREON DESCRIBED PROPERTY, AND IT MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, AND CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BY: _____
JAMES E. BRINKMAN, PSM - FLA. CERT# 5582

DATE: 8/8/08

BRINKMAN SURVEYING & MAPPING INC.
4607 NW 6th STREET SUITE C, GAINESVILLE, FL. 32609
PHONE: (352) 374-7707 FAX: (352) 374-8757

SCALE: 1" = 30'	"THE BENCHMARK IN QUALITY SERVICE"	DRAWN BY: ZL
DATE: 08/08/08		CHECKED BY: J.B.
FIELD WORK COMPLETED ON 08/07/08 FIELDBOOK 97, PAGE 54		
PREPARED FOR: MARONDA		DRAWING NUMBER 126-08

PROPOSED BUILDING LAYOUT

IN SECTION 10, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

S.W. TIMBER RIDGE DRIVE

60' RIGHT-OF-WAY

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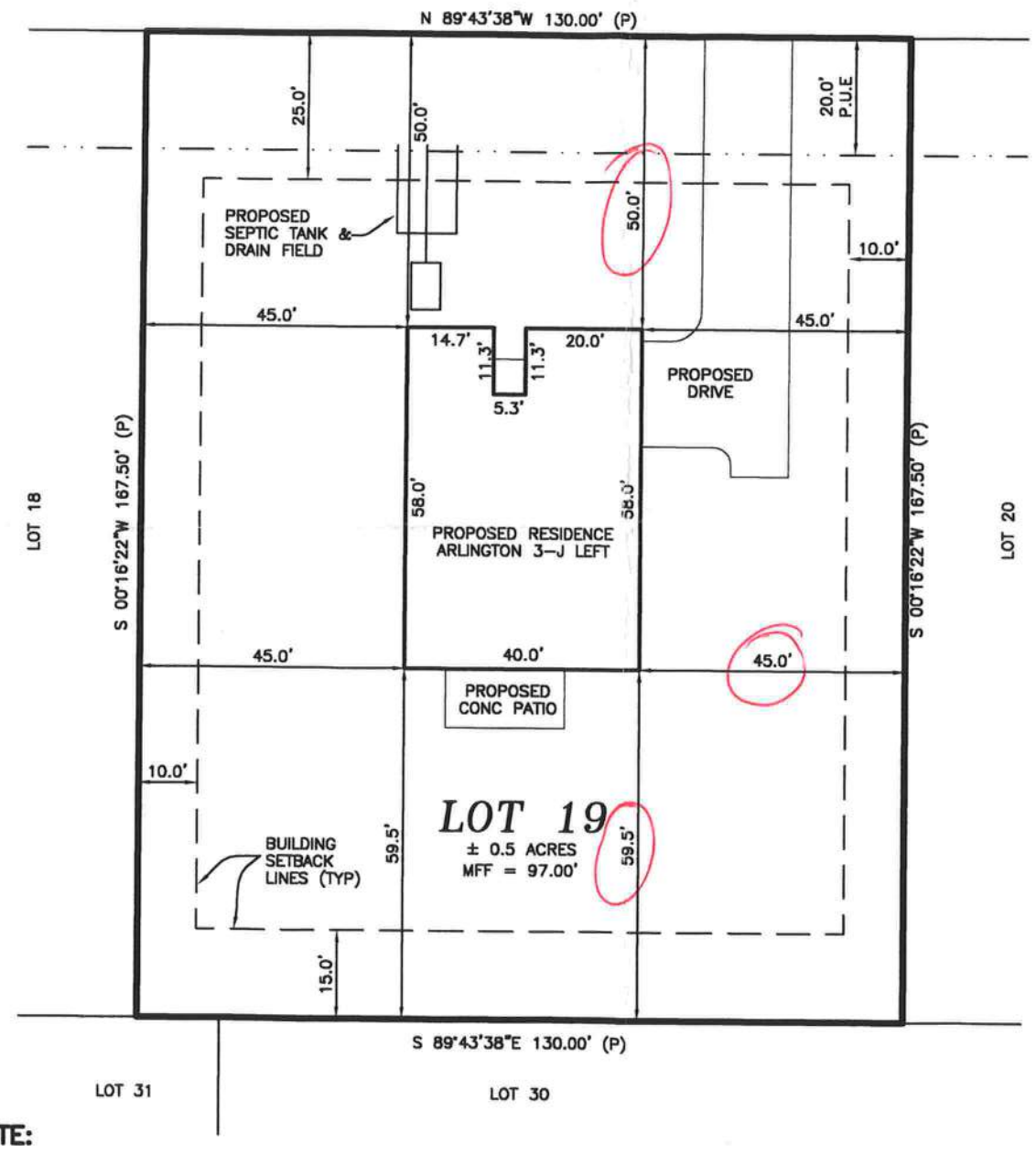

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BY: _____
JAMES E. BRINKMAN, PSM - FLA. CERT# 5582

DATE: 6/17/08

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PHONE: (352) 374-7707 FAX: (352) 374-8757

SCALE: 1" = 30'	"THE BENCHMARK IN QUALITY SERVICE"	DRAWN BY: ZL
DATE: 6/12/08		CHECKED BY: J.B.
FIELD WORK COMPLETED ON **** FIELDBOOK **, PAGE **		
PREPARED FOR: MARONDA		DRAWING NUMBER 126-08

HOMETEAM PEST DEFENSE®

27221

TREATMENT WORKORDER

☐ Termite Baiting System w/Tubes-under-the slab

☐ Treat Only ☐ Tubes-under-the slab and Treat ☐ Bora-Care

DATE CALLED IN:	8-6	DATE OF SCHEDULE:	8-8
TIME CALLED IN:		TIME SCHEDULE:	1:00

JOB NAME: Maronda SUBDIVISION: Timberland

JOB ADDRESS: 302 SW Timber Ridge Dr.

BILLING NAME: BILLING PHONE:

BILLING ADDRESS:

OV0027221

CALLED IN BY: PHONE: PERMIT NUMBER:

LOT & MODEL NUMBER: 19

DATE & TIME COMPLETED: 8/8/08

SQUARE FOOT: 2488 LINEAR FOOT: BLOCKVOIDS:

SLAB TYPE: mono TYPE OF FILL: dirt/sand

APPROX. DEPTH OF FOOTING: Outside: Inside:

☐ Addition ☐ Spot Treat ☐ Pool Addition ☐ Driveway

☐ Final/Completion ☐ Other

PESTICIDE USED: Imaxx Pro TOTAL APPLIED: 125 gal

PERCENT (%) USED: 1% STICKER POSTED: perm. box

PRICE PER SQ. FT. =	TOTAL FOR P.T.		
	ADDITIONAL		
	TAX:		
/ /	TOTAL AMOUNT	$	

X X TECHNICIAN: Casey

I hereby acknowledge the satisfactory completion of the above described work.

GT 23 / TCI 12/05

FEES:

ROAD IMPACT FEE $1,046.00 CODE 21
10100003632400

EMS IMPACT FEE $29.88
10300003632210

FIRE PROTECTION IMPACT FEE $78.63
10200003632220

CORRECTIONS IMPACT FEE $409.16
00100003632200

SCHOOL IMPACT FEE $1,500.00
00100003632900

TOTAL FEES CHARGED $3,063.67 CHE