

DATE 05/04/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000027786

APPLICANT ROGER BONIFANT PHONE 904-296-1490
ADDRESS 6800 SOUTH POINT PKWY #300 JACKSONVILLE FL 32216
OWNER MARONDA HOMES INC. OF FLORIDA PHONE 904-296-1490
ADDRESS 328 SW TIMBER RIDGE DR LAKE CITY FL 32024
CONTRACTOR THEODORE C. BROOK PHONE 904-296-1490
LOCATION OF PROPERTY 90 W, L 247, R 252 B, L TIMBER RIDGE DR., 8TH ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 144200.00
HEATED FLOOR AREA 2099.00 TOTAL AREA 2884.00 HEIGHT 18.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
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 PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 10-4S-16-02856-118 SUBDIVISION TIMBERLANDS
LOT 18 BLOCK _____ PHASE 1 UNIT _____ TOTAL ACRES 0.50

000001728 _____ CBC1256382 _____
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 09-0089 BK WR Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ELEVATION CONFIRMATION LETTER REQUIRD AT SLAB - MFE 98 FT PER PLATCheck # or Cash 0986829

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 725.00 CERTIFICATION FEE \$ 14.42 SURCHARGE FEE \$ 14.42
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 853.84
INSPECTORS OFFICE L. J. 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 NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

321-689-2673

Columbia County Building Permit Application

OK# 07806801 18/1

For Office Use Only Application # 0903-03 Date Received 3/2 By TW Permit # 1728/27786
Zoning Official BLK Date 29.04.09 Flood Zone X Pmt Land Use Res Low Dev Zoning RSF-2
FEMA Map # N/A Elevation N/A MFE 98' River N/A Plans Examiner (WR) Date 4/27/09
Comments Elevation confirmation letter at slab Required
☒ NOC ☒ DEH ☐ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel #
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
School _____ = TOTAL N/A see attached memo

Septic Permit No. 09-0089 Fax (904) 332-6375
Name Authorized Person Signing Permit TEO BROCK / ROGER BONIFANT Phone (904) 296-1490
Address 6800 SOUTH POINT PKWY #300 JAX. FL 32216
Owners Name MARONDA HOMES INC. OF FL Phone 904-296-1490
911 Address 328 SW TIMBER RIDGE DR. LAKE CITY, FL 32024
Contractors Name THEODORE C. BROCK Phone 904-296-1490
Address 6800 SOUTHPOINT PKWY #300 JAX. FL 32216
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address THOMAS 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 10-45-16-02856-118 Estimated Cost of Construction \$94,275
Subdivision Name TIMBERLANDS Lot 18 Block 1 Unit 1 Phase 1
Driving Directions HWY 90, LEFT ON 247 SOUTH, RIGHT ON 252 B, LEFT ON TIMBER RIDGE DR. 8th House/LOT ON LEFT
Number of Existing Dwellings on Property 1

Construction of RESIDENTIAL SINGLE FAMILY Total Acreage 0.499 Lot Size 130X167.5
Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 18'
Actual Distance of Structure from Property Lines - Front 50' Side 40' Side 40' Rear 53'-5"
Number of Stories 1 Heated Floor Area 2099 Total Floor Area 2884 Roof Pitch 6/12
+ OPTION PORCH ALUMINUM SCREEN ENC. 10x24

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. JOE

Page 1 of 2 (Both Pages must be submitted together.)

VERIFY TO MAKE SURE IT'S ATTACHED.

Revised 1-10-08

\$853.84

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

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.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT 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.

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)

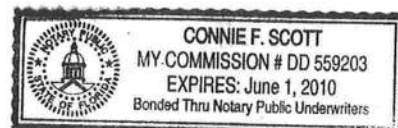
THEODORE C. BROCK

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 March 2009
Personally known ☒ or Produced Identification _____

State of Florida Notary Signature (For the Contractor)

SEAL:



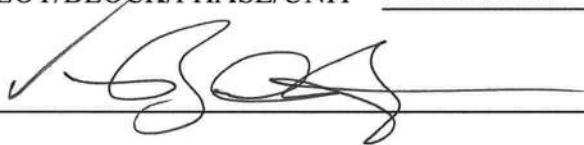
**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000001728**

DATE 05/04/2009 PARCEL ID # 10-4S-16-02856-118
APPLICANT ROGER BONIFANT PHONE 904-296-1490
ADDRESS 6800 SOUTH POINT PKWY #300 JACKSONVILLE FL 32216
OWNER MARONDA HOMES INC. OF FLORIDA PHONE 904-296-1490
ADDRESS 328 SW TIMBER RIDGE DR LAKE CITY FL 32024
CONTRACTOR THEODORE C. BROCK PHONE 904-296-1490
LOCATION OF PROPERTY 90 W, L 247, R 252 B, L TIMBER RIDGE DR, 8TH ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TIMBERLANDS 18 1

SIGNATURE



INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

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

Amount Paid 25.00



NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 10-45-16-02856-118

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): 18/1 TIMBERLANDS
a) Street (job) Address: 328 SW TIMBER RIDGE DR. LAKE CITY FL 32024
2. General description of improvements: CONSTRUCTION OF SINGLE FAMILY RESIDENCE
3. Owner Information
a) Name and address: MARONDA HOMES INC. OF FLORIDA 6800 SOUTHPOINT PKY #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 FLORIDA 6800 SOUTHPOINT PKY #300
b) Telephone No.: 904 296 1490 Fax No. (Opt.) 904 322-6375 JAX FL 32216
5. Surety Information
a) Name and address: _____
b) Amount of Bond: _____
c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
a) Name and address: BANK OF AMERICA NA A NATIONAL BANKING ASSOC. (407) 646-6303
b) Phone No.: 250 SOUTH PARK AVE #400 WINTER PARK FL 32789-4316
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: STEEL CITY TITLE, INC. 851 TRAFALGAR CT #132 E MAITLAND, FL
b) Telephone No.: 407 660-4422 Fax No. (Opt.) 407 660-4708 32751
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.

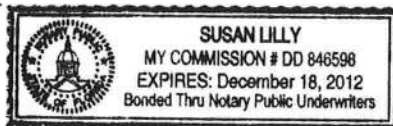
STATE OF FLORIDA
COUNTY OF COLUMBIA

10. _____
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
STEVE HOGG
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 3rd day of February, 2009, by:
STEVE HOGG as DIVISION MANAGER (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 Susan Lilly Notary Stamp or Seal:



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.)

This Instrument Prepared by and Return to :

Amy Wesp
SOUTHERN TITLE HOLDING
COMPANY, L.L.C.
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,

\$899,000.00

WITNESSETH: That said grantor, for and in consideration of the sum of ~~\$40,000~~ 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:

Printed Name:

Worth D. Morris
WORTH D. MORRIS

Witness Signature:

Printed Name:

Jody M. Coble
Jody M. Coble

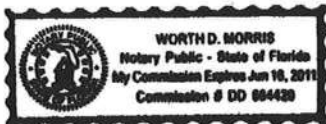
BY:

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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: GEORGETOWN 4 B,M- GAINESVILLE
 Street:
 City, State, Zip: , FL ,
 Owner:
 Design Location: FL, Gainesville

Builder Name: MARONDA HOMES
 Permit Office: *Columbia County*
 Permit Number: *27786*
 Jurisdiction: *221500*

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	4	
5. Is this a worst case?	Yes	
6. Conditioned floor area (ft ²)	2099	
7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.60	198.00 ft ²
SHGC:	SHGC=0.32	
b. U-Factor:	N/A	ft ²
SHGC:		
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
e. U-Factor:	N/A	ft ²
SHGC:		
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2099.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Concrete Block - Int Insul, Exterior	R=4.1	1496.00 ft ²
b. Frame - Wood, Adjacent	R=13.0	320.00 ft ²
c. N/A	R=	ft ²
d. N/A	R=	ft ²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2099.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
11. Ducts		
a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6,	485.8 ft ²	
12. Cooling systems		
a. Central Unit	Cap: 42 kBtu/hr	SEER: 14
13. Heating systems		
a. Electric Heat Pump	Cap: 42 kBtu/hr	HSPF: 8.5
14. Hot water systems		
a. Electric	Cap: 50 gallons	EF: 0.93
b. Conservation features		
None		
15. Credits		Pstat

Glass/Floor Area: 0.094

Total As-Built Modified Loads: 34.62

Total Baseline Loads: 43.90

PASS

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

PREPARED BY: *Kenneth Wayne Campbell*
 DATE: *4/12/09*
KENNETH WAYNE CAMPBELL

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

OWNER/AGENT: *Kenneth Wayne Campbell*
 DATE: *4/12/09*

KENNETH WAYNE CAMPBELL

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



BUILDING OFFICIAL: _____
 DATE: _____

Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with N1110.A.3.

PROJECT

Title: GEORGETOWN 4 B,M- GAIN	Bedrooms: 4	Address Type: Street Address
Building Type: FLAsBuilt	Bathrooms: 2	Lot #
Owner:	Conditioned Area: 2099	SubDivision:
# of Units: 1	Total Stories: 1	PlatBook:
Builder Name: MARONDA HOMES	Worst Case: Yes	Street:
Permit Office:	Rotate Angle: 225	County: COLUMBIA
Jurisdiction:	Cross Ventilation: No	City, State, Zip: , FL ,
Family Type: Single-family	Whole House Fan: No	
New/Existing: New (From Plans)		
Comment:		

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp		Int Design Temp		Heating Degree Days	Design Moisture	Daily Temp Range
				97.5 %	2.5 %	Winter	Summer			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	215 ft	0	2099 ft²	0	0.3	0.7

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	2347 ft²	0 ft²	Medium	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	150	2099 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	2099 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Concrete Block - Int Insul	4.1	240 ft²	0	0	0.75
_____	2	E	Exterior	Concrete Block - Int Insul	4.1	512 ft²	0	0	0.75
_____	3	S	Exterior	Concrete Block - Int Insul	4.1	400 ft²	0	0	0.75
_____	4	W	Exterior	Concrete Block - Int Insul	4.1	344 ft²	0	0	0.75
_____	5	N	Garage	Frame - Wood	13	320 ft²		0.23	0.01

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
✓	1	N	Insulated	None	0.4	20 ft²
✓	2	N	Insulated	None	0.4	18 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
✓	1	S	Metal	Low-E Double	Yes	0.6	0.32	N	10 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	2	N	Metal	Low-E Double	Yes	0.6	0.32	N	15 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	3	S	Metal	Low-E Double	Yes	0.6	0.32	N	5 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	4	N	Metal	Low-E Double	Yes	0.6	0.32	N	15 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	5	W	Metal	Low-E Double	Yes	0.6	0.32	N	30 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	6	E	Metal	Low-E Double	Yes	0.6	0.32	N	40 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	7	S	Metal	Low-E Double	Yes	0.6	0.32	N	16 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	8	S	Metal	Low-E Double	Yes	0.6	0.32	N	16 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	9	N	Metal	Low-E Double	Yes	0.6	0.32	N	15 ft²	1 ft 0 in	3 ft 0 in	HERS 2006	None
✓	10	N	Metal	Low-E Double	Yes	0.6	0.32	N	15 ft²	1 ft 0 in	3 ft 0 in	HERS 2006	None
✓	11	W	Metal	Low-E Double	Yes	0.6	0.32	N	16 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None
✓	12	E	Metal	Low-E Double	Yes	0.6	0.32	N	5 ft²	1 ft 0 in	1 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation ---		Run Time	Fan
							Supply CFM	Exhaust CFM	Fraction	Watts
✓	Default	0.00036	1982	7.08	108.8	204.6	0 cfm	0 cfm	0	0

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
✓	1	429 ft²	429 ft²	40 ft	8 ft	13

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
✓	1	Central Unit	None	SEER: 14	42 kBtu/hr	1260 cfm	0.76	False

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
✓	1	Electric Heat Pump	None	HSPF: 8.5	42 kBtu/hr	

HOT WATER SYSTEM																								
✓	#	System Type	EF	Cap	Use	SetPnt	Conservation																	
—	1	Electric	0.93	50 gal	70 gal	120 deg	None																	
SOLAR HOT WATER SYSTEM																								
✓	FSEC Cert #	Company Name	System Model #			Collector Model #		Collector Area	Storage Volume	FEF														
—	None	None						ft²																
DUCTS																								
✓	#	--- Supply --- Location		R-Value	Area	--- Return --- Location		Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF										
—	1	Attic		6	485.8 ft	Interior		20 ft²	Default Leakage	Interior														
TEMPERATURES																								
Programable Thermostat: Y						Ceiling Fans:																		
Cooling	☒	Jan	☒	Feb	☒	Mar	☒	Apr	☒	May	☒	Jun	☒	Jul	☒	Aug	☒	Sep	☒	Oct	☒	Nov	☒	Dec
Heating	☒	Jan	☒	Feb	☒	Mar	☒	Apr	☒	May	☒	Jun	☒	Jul	☒	Aug	☒	Sep	☒	Oct	☒	Nov	☒	Dec
Venting	☒	Jan	☒	Feb	☒	Mar	☒	Apr	☒	May	☒	Jun	☒	Jul	☒	Aug	☒	Sep	☒	Oct	☒	Nov	☒	Dec
Thermostat Schedule: HERS 2006 Reference																								
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12											
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	80	80	80											
	PM	80	80	78	78	78	78	78	78	78	78	78	78											
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78											
	PM	78	78	78	78	78	78	78	78	78	78	78	78											
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68											
	PM	68	68	68	68	68	68	68	68	68	68	66	66											
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68											
	PM	68	68	68	68	68	68	68	68	68	68	66	66											

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:

, FL,

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.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	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	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 INDEX* = 79

The lower the EnergyPerformance Index, the more efficient the home.

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Concrete Block - Int Insul, Exterior	R=4.1	1496.00 ft ²
3. Number of units, if multiple family	1		b. Frame - Wood, Adjacent	R=13.0	320.00 ft ²
4. Number of Bedrooms	4		c. N/A	R=	ft ²
5. Is this a worst case?	Yes		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	2099		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	2099.00 ft ²
a. U-Factor:	Dbl, U=0.60	198.00 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.32		c. N/A	R=	ft ²
b. U-Factor:	N/A	ft ²	11. Ducts		
SHGC:			a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6,	485.8 ft ²	
c. U-Factor:	N/A	ft ²	12. Cooling systems		
SHGC:			a. Central Unit	Cap: 42 kBtu/hr	SEER: 14
d. U-Factor:	N/A	ft ²	13. Heating systems		
SHGC:			a. Electric Heat Pump	Cap: 42 kBtu/hr	HSPF: 8.5
e. U-Factor:	N/A	ft ²	14. Hot water systems		
SHGC:			a. Electric	Cap: 50 gallons	EF: 0.93
8. Floor Types	Insulation	Area	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	2099.00 ft ²	None		
b. N/A	R=	ft ²	15. Credits		Pstat
c. N/A	R=	ft ²			

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: [Signature]

Date: 4-21-09

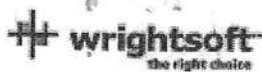
Address of New Home: 329 SW

Zip: LAKE CITY
FL, 32024



*Note: The home's estimated Energy Performance Index was calculated through the EnergyGauge USA - FlaRes2008 computer program. This program is available through the EnergyGauge USA - FlaRes2008 computer program. If your Index is below 100, your home may qualify for incentives if you obtain a certificate of completion. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge website for information and a list of certified raters. For information about Florida's Energy Efficiency Code, contact the Department of Community Affairs at (850) 487-1824.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.



Project Summary
Entire House
MARONDA HOMES

Job: GEORGETOWN 4 BDR
Date:
By: G. CARMACK

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

Project Information

For: FACES NORTH

Notes:

Design Information

Weather: Jacksonville, Int'l AP, FL, US

Winter Design Conditions

Outside db	32 °F
Inside db	70 °F
Design TD	38 °F

Summer Design Conditions

Outside db	93 °F
Inside db	75 °F
Design TD	18 °F
Daily range	M
Relative humidity	50 %
Moisture difference	51 gr/lb

Heating Summary

Structure	36375 Btuh
Ducts	4475 Btuh
Central vent (50 cfm)	2088 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	42938 Btuh

Sensible Cooling Equipment Load Sizing

Structure	23224 Btuh
Ducts	9513 Btuh
Central vent (50 cfm)	967 Btuh
Blower	0 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft ²)	2099	2099
Volume (ft ³)	16792	16792
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	90	45

Use manufacturer's data	n
Rate/swing multiplier	0.98
Equipment sensible load	32895 Btuh

Latent Cooling Equipment Load Sizing

Structure	3561 Btuh
Ducts	2174 Btuh
Central vent (50 cfm)	1743 Btuh
Equipment latent load	7477 Btuh

Equipment total load	40372 Btuh
Req. total capacity at 0.76 SHR	3.6 ton

Heating Equipment Summary

Make TEMPSTAR
Trade HEAT PUMP
Model N4H342AKA

Efficiency	8.7 HSPF
Heating input	0 Btuh @ 47°F
Heating output	0 °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	FEM4X4800
Efficiency	14 SEER
Sensible cooling	32300 Btuh
Latent cooling	10200 Btuh
Total cooling	42500 Btuh
Actual air flow	1270 cfm
Air flow factor	0.039 cfm/Btuh
Static pressure	0.60 in H2O
Load sensible heat ratio	0.82

Bold/italic values have been manually overridden

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



wrightsoft

Right-Suite Residential 6.0.90 RSR21115

C:\Documents and Settings\gcarmack\My Documents\2009 JACKSONVILLE\GEORGETOWN 4 BDR.rpt Calc = MJ8

2009-Apr-13 12:17:44

Page 1

Project Information

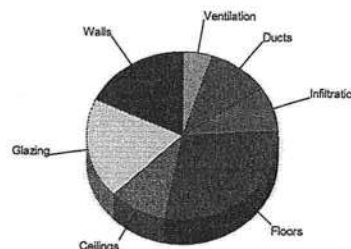
For: GEORGETOWN 4 BDR

Design Conditions

Location:		Indoor:		Heating	Cooling
Jacksonville, Int'l AP, FL, US		Indoor temperature (°F)		70	75
Elevation: 30 ft		Design TD (°F)		38	18
Latitude: 31°N		Relative humidity (%)		30	50
		Moisture difference (gr/lb)		11.5	51.3
Outdoor:	Heating	Cooling	Infiltration:		
Dry bulb (°F)	32	93	Method		
Daily range (°F)	-	18 (M)	Construction quality		
Wet bulb (°F)	-	77	Fireplaces		
Wind speed (mph)	15.0	7.5	Simplified		
			Average		
			0		

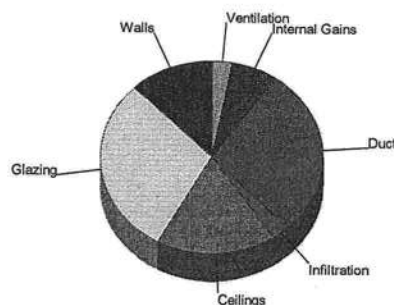
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	4.5	7764	18.1
Glazing	48.3	8301	19.3
Doors	0.0	0	0.0
Ceilings	1.9	4186	9.7
Floors	18.4	12385	28.8
Infiltration	2.0	3739	8.7
Ducts		4475	10.4
Piping		0	0.0
Humidification		0	0.0
Ventilation		2088	4.9
Adjustments		0	0.0
Total		42938	100.0



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	2.4	4162	12.3
Glazing	58.0	9981	29.6
Doors	0.0	0	0.0
Ceilings	2.6	5915	17.6
Floors	0.0	0	0.0
Infiltration	0.5	866	2.6
Ducts		9513	28.2
Ventilation		967	2.9
Internal gains		2300	6.8
Blower		0	0.0
Adjustments		0	0.0
Total		33704	100.0



Overall U-value = 0.179 Btuh/ft²-°F

Data entries checked.



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

09-0089

PART II - SITE PLAN

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

See
attached

Notes: SEE ATTACHED

Site Plan submitted by:

[Signature]

Signature

Division Manager

Title

Plan Approved ☒

Not Approved ☐

Date

2/10/2019

By

[Signature]

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



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

PERMIT NO. 09-0089
DATE PAID: 2/12/09
FEE PAID: 28,510.00
RECEIPT #: 109,883.37

APPLICATION FOR:

[X] New System [] Existing System [] Holding Tank [] Innovative
[] Repair [] Abandonment [] Temporary []

APPLICANT: Maronda Homes Inc of Florida

AGENT: Ted Brock

TELEPHONE (407) 227-3504

MAILING ADDRESS: 1800 Southpoint Pkwy # 300 Jacksonville, FL 32210

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(M) OR 489.552, FLORIDA STATUTES.

PROPERTY INFORMATION

LOT: 18 BLOCK: 1 SUBDIVISION: Timberlands PLATTED: Yes

PROPERTY ID #: 10-45-16-02856-118 ZONING: I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 150 ACRES WATER SUPPLY: [] PRIVATE PUBLIC [X] <=2000GPD [] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / N] DISTANCE TO SEWER: 0 FT

PROPERTY ADDRESS: 328 SW TIMBER RIDGE DR.

DIRECTIONS TO PROPERTY: US 90 West, left on 247, right on CR 252B, left on SW Timber Ridge Drive, 8th House/LOT - ON LEFT

BUILDING INFORMATION

[X] RESIDENTIAL [] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SFR	4	2644	
2				
3				
4				

[] Floor/Equipment Drains [] Other (Specify)

SIGNATURE:

DATE: 2/3/09



Columbia County, Florida Planning & Zoning Department

Review of Building Permit for compliance with
County's Comprehensive Plan and
Land Development Regulations

To: Ted Brock/Roger Bonifant

Fax: 904.332.6375

From : Brian L. Kepner, County Planner

Fax: 386.758.2160

Number of Pages : 1

Date : 28 April 2009

RE: Building Permit Application 0903-03, Lot 18

Dear Ted or Roger:

I am unable to locate a site plan showing the relationship of the proposed dwellings to the property lines within the application packet for the above referenced building permit application. This item will have to be submitted in order to proceed with the build permit application.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.754.7119.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Kepner", written over a red diagonal line that crosses the page.

Brian L. Kepner
Land Development Regulation Administrator,
County Planner

Confidentiality Notice: This facsimile transmission is confidential and is intended only for the review of the party to whom it is addressed. It may contain proprietary and/or privileged information protected by law. If you are not the intended recipient, you may not use, copy or distribute this facsimile message or its attachments. If you have received this transmission in error, please immediately telephone the sender above to arrange for its return.

Columbia County Property Appraiser

DB Last Updated: 1/12/2009

2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 10-4S-16-02856-118

Owner & Property Info

Owner's Name	MARONDA HOMES INC OF FLORIDA		
Site Address	TIMBER RIDGE		
Mailing Address	3993 W FIRST ST SANFORD, FL 32771		
Use Desc. (code)	VACANT (000000)		
Neighborhood	10416.00	Tax District	3
UD Codes	MKTA06	Market Area	06
Total Land Area	0.500 ACRES		
Description	LOT 18 TIMBERLANDS S/D PHASE 1		

<< Prev Search Result: 12 of 42 Next >>

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$29,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$29,000.00

Just Value	\$29,000.00
Class Value	\$0.00
Assessed Value	\$29,000.00
Exempt Value	\$0.00
Total Taxable Value	\$29,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
5/27/2008	1151/2385	WD	V	U	02	\$899,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.500AC)	1.00/1.00/1.00/1.00	\$29,000.00	\$29,000.00

Columbia County Property Appraiser

DB Last Updated: 1/12/2009

<< Prev

12 of 42

Next >>

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - Jody DuPree
District No. 4 - Stephen E. Bailey
District No. 5 - Scarlet P. Frisina



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

March 6, 2009

M E M O

**TO: John Kerce, Chief Building Official
Brian Kepner, County Planner**

FR: Dale Williams, County Manager

RE: Impact Fees – FOR IMMEDIATE ATTENTION

Effective immediately you are to suspend the collection of impact fees. This suspension was approved by the Board of County Commissioners in their regular meeting of March 5, 2009. The suspension includes those fees levied by both ordinances, general government and schools. The approved suspension is in anticipation of a moratorium to be approved March 19, 2009.

You are also requested to provide a list of all impact fees collected since January 1, 2009. This list should include the following information:

- 1.) the name of the person/business who initially paid the impact fee and the date paid
- 2.) the name of the owner on whose project the impact fee was paid
- 3.) a "breakdown" on the impact collected by category (i.e. corrections, transportation, EMS, fire, school)

For those fees recently collected but not yet deposited, I suggest you hold the checks (I assume no cash was collected) until after the March 19, 2009 Public Hearing to impose a moratorium. You should notify the check issuer of the reason you are holding the check.

DW/pds

**XC: Impact Fees File
Board of County Commissioners
Outgoing Correspondence**

BOARD MEETS FIRST THURSDAY AT 7:00 P.M.
AND THIRD THURSDAY AT 7:00 P.M.

PRODUCT APPROVAL INFORMATION SHEET FOR THE CITY OF JACKSONVILLE, FLORIDA

Project Name:

Maronda Homes Inc of Florida

Permit No:

Subdivision:

TIMBER LAKE

Lot: 18 Block:

Date:

4/14/09

Project Address:

328 SW TIMBER LAKE RD.

LAKE CITY FL

32024

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and product approval number(s) for the building components listed below as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you do not know your product approval number for any of the applicable listed products. Information regarding statewide product approval may be obtained at: www.floridabuilding.org.

Catagory/Subcatagory	Manufacturer	Product Description	Limitation of Use	State #	Local #
A. EXTERIOR DOORS					
1. Swinging	Plastpro Inc./ Nanya Plastics Corp.	Fiberglass Dr Single Fiberglass Dr w/ Sidelite Fiberglass Dr w/ Dbl Sidelite Fiberglass Dr Single Glazed	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads For Building and Other Structures	FL 6814.1 FL 6814.3 FL 6814.5 FL 6729.1	
2. Sliding	Simonton Windows Florida Extruders	Sliding Glass Doors	500 72x80 SGD-R45 Milestone 1000 SGD	FL 5979.1 FL 8409.2	
3. Sectional					
4. Roll Up	Wayne Dalton Corp.	Garage Doors 130 10'-16' 9110/5102 8'-9' Garage Doors 140 10'-16' 9110/5102 8'-9'	As indicated in evaluation report and installation drawings. Not to be used in HVHZ	FL 9174.3 FL 9174.1 FL 9174.6 FL 9174.5	
B. WINDOWS					
1. Single Hung	Florida Extruders	Milestone Series 1000	83"x84" Max. windows have not been evaluated for use in High Velocity Hurricane Zones	FL 9262.2	
2. Horizontal Slider	Florida Extruders	Milestone Series 1000	74"x72 XO/OX" Max. windows have not been evaluated for use in High Velocity Hurricane Zones	FL 9236.1	
3. Casement					
4. Double Hung					
5. Fixed	Florida Extruders	Milestone Series 1000	73"x37" Max. windows have not been evaluated for use in High Velocity Hurricane Zones	FL 9242.2	
6. Awning					
7. Pass-through					
8. Projected					

9. Mullion	Florida Extruders	Milestone Tube Mull	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads For Building and Other Structures	FL 3136-R3	
10. Wind Breaker					
11. Dual Action					
12. Other					
C. PANEL WALL					
1. Siding					
2. Soffit	Alisco Metal Corp	Quad 4 Aluminum Soffit System	For use as Soffit only. Not for use in High Velocity Hurricane Zones	FL 4459-R1	
D. ROOFING PRODUCTS					
1. Asphalt Shingles	Owens Corning	Asphalt Shingles	This approval not for use in the HVAZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed	FL 10674-R1	
2. Underlayments	Black Warrior Roofing	15# Felt Paper		FL 2077	
3. Roofing Fasteners					
4. Nonstructural Metal Roof					
5. Build-up Roof					
6. Modified Butimen					
7. Single Ply Roof					
8. Roofing Tiles					
9. Roofing Insulation					
10. Waterproofing					
11. Wood Shingle/Shakes					
12. Roofing Slate					
13. Liquid Applied Roofing					
14. Cement Adhesive Coats					
15. Roof Tile Adhesive					
16. Spray applied Polyurethane Roof					
17. Roof Vents	Lamanco	Off Ridge Vent	This approval not for use in the HVAZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed	FL 3792-R3	
E. SHUTTERS					
1. Storm Panels					

F. STRUCTURAL COMPONENTS

1. Wood Connectors/Anchors	United Steel Products	Anchors, Hangers, etc Structural Components Wood Connectors	Subject to limitation and installation instructions specified in NOA 05- 0105-05.	565-R3, 567- R3, 568-R2, 569-R3, 570- R2, 571-R2, 574-R2, 576- R3, 578-R2, 815-R1, 816- R1, 817-R1, 819-R1, 820- R2, 821-R1, 822-R1, 859- R4, 1247-R1, 2033-R2, 4928-R1, 5631-R1, 9835-R1, 10739, 11664, 11748, 11838, 11910	
2. Truss Planes	Mitek Industries, Inc.	Truss Connectors	No Limitation of Use	FL 2197-R1	
3. Engineered Lumber					
4. Railing					
5. Coolers-Freezers					
6. Concrete admixtures					
7. Material					
8. Insulation Forms					
9. Plastics					
10. Deck-Roof					
11. Wall					
12. Shed					
13. Other	Power Steel Inc.	Psbox8 Psbox8 (5-5/8)	Limits shall not exceed the affordable design load and spans. The lintels shall not be uses in a fire resistance rated assembly. A proper barrier is required when using corrosive lumber products in contact with the steel lintels. Not for use in HVHZ Miami or Broward counties at this time		
G. Skylights					
1. Skylights					
2. Other					
H. New Exterior Envelope Products					
1					
2					

In addition to completing the above list of manufactures, product description and State approval number for the products used on this project. It is the Contractors or Authorized Agent's responsibility to have a legible copy of each manufacture's printed instructions, along with the list above on the job site available to the inspector.

The products listed below did not demonstrate product approval at time of plan review. I understand that before these products can be inspected, they must be submitted for review for code compliance and approved by a Plans Examiner. This form will be revised to include each new product in the categories listed above and will be highlighted to indicate the new products and required information.

Authorized Project Agent:
(Contractor or Design Professional)

KENNETH WAYNE CAMPBELL

(Print Name)

(Signature)

Company Name:

Maronda Homes Inc of Florida

Mailing Address:

6800 South Point Pkwy Ste 300

City:

Jacksonville

State: Florida

Zip Code: 32216

Telephone Number:

(904) 296-1490

Fax Number:

(904) 332-6375

Cell Phone Number:

E-Mail Address:

Fermi N.

REVISIED 2-9-2009

[illegible]

above, on the job site available to the Inspector.

they must be submitted for review for code compliance and approved by a plan examiner. The categories listed above and will be highlighted in indicate the new products and required labrattion.

					4928-R1.
--	--	--	--	--	----------

1				
1				
1				

Authorized Project Signatory: _____ (Print Name)
(Contractor or Design Professional)

Mailing Address: _____

City: _____

Cell Phone Number: () _____

RE

8

V

14

F

三

RE

SHEET:

FIG. 4

FIG. 5

FIG. 6

FIG. 7

FIG. 8

FIG. 9

FIG. 10

FIG. 11

FIG. 12

FIG. 13

FIG. 14

FIG. 15

FIG. 16

FIG. 17

FIG. 18

FIG. 19

FIG. 20

FIG. 21

FIG. 22

FIG. 23

FIG. 24

FIG. 25

FIG. 26

FIG. 27

FIG. 28

FIG. 29

FIG. 30

FIG. 31

FIG. 32

FIG. 33

FIG. 34

FIG. 35

FIG. 36

FIG. 37

FIG. 38

FIG. 39

FIG. 40

FIG. 41

FIG. 42

FIG. 43

FIG. 44

FIG. 45

FIG. 46

FIG. 47

FIG. 48

FIG. 49

FIG. 50

FIG. 51

FIG. 52

FIG. 53

FIG. 54

FIG. 55

FIG. 56

FIG. 57

FIG. 58

FIG. 59

FIG. 60

FIG. 61

FIG. 62

FIG. 63

FIG. 64

FIG. 65

FIG. 66

FIG. 67

FIG. 68

FIG. 69

FIG. 70

FIG. 71

FIG. 72

FIG. 73

FIG. 74

FIG. 75

FIG. 76

FIG. 77

FIG. 78

FIG. 79

FIG. 80

FIG. 81

FIG. 82

FIG. 83

FIG. 84

FIG. 85

FIG. 86

FIG. 87

FIG. 88

FIG. 89

FIG. 90

FIG. 91

FIG. 92

FIG. 93

FIG. 94

FIG. 95

FIG. 96

FIG. 97

FIG. 98

FIG. 99

FIG. 100

FIG. 1

FIG. 2

FIG. 3

FIG. 4

FIG. 5

FIG. 6

FIG. 7

FIG. 8

FIG. 9

FIG. 10

FIG. 11

FIG. 12

FIG. 13

FIG. 14

FIG. 15

FIG. 16

FIG. 17

FIG. 18

FIG. 19

FIG. 20

FIG. 21

FIG. 22

FIG. 23

FIG. 24

FIG. 25

FIG. 26

FIG. 27

FIG. 28

FIG. 29

FIG. 30

FIG. 31

FIG. 32

FIG. 33

FIG. 34

FIG. 35

FIG. 36

FIG. 37

FIG. 38

FIG. 39

FIG. 40

FIG. 41

FIG. 42

FIG. 43

FIG. 44

FIG. 45

FIG. 46

FIG. 47

FIG. 48

FIG. 49

FIG. 50

FIG. 51

FIG. 52

FIG. 53

SHEET:

NAN YA PLASTICS CORP.

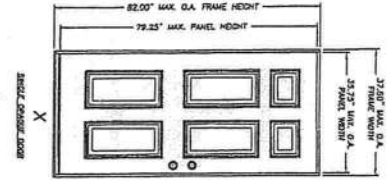
PLASTIPRO INC.
8 PEACH TREE HILL ROAD
LIVINGSTON, NEW JERSEY 07039
PH: 800-779-0261 FAX: 973-758-4001

DISTINCTION SERIES 30" x 68" OPAQUE FIBERGLASS DOOR IN SWING / OUT SWING

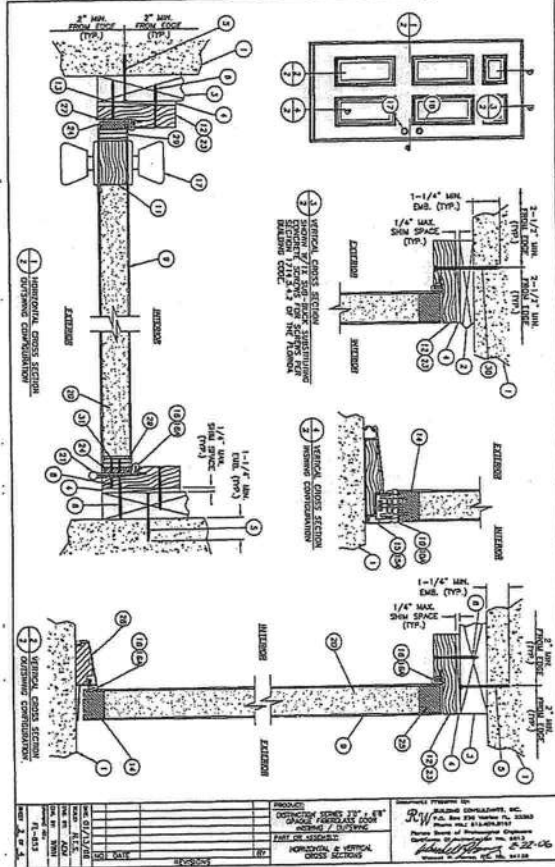
1. THE PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE EXCLUDING THE NON-VOLATILE HYDROCARBON ZONE.
2. PRODUCT AND/OR SHALL BE AS LISTED AND RATED AS SHOWN ON WALL BRACING OR BRACKS.
3. WHEN USED IN WIND-BRACING ZONE, THE PRODUCT SHALL BE AS LISTED AND RATED AS SHOWN ON WALL BRACING OR BRACKS.
4. FOR 2" X 6" STUDS, THE PRODUCT SHALL BE AS LISTED AND RATED AS SHOWN ON WALL BRACING OR BRACKS.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURNISHED DRAWINGS AND NOTES.

ITEM	DESCRIPTION	QUANTITY
1	DOOR	1
2	DOOR	1
3	DOOR	1
4	DOOR	1
5	DOOR	1

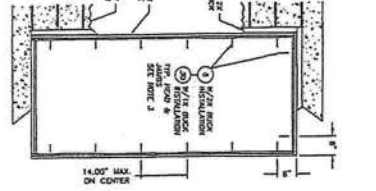
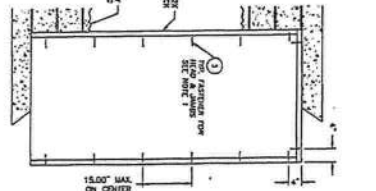
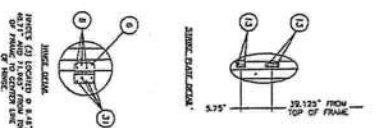
ITEM	DESCRIPTION	QUANTITY
1	DOOR	1
2	DOOR	1
3	DOOR	1
4	DOOR	1
5	DOOR	1



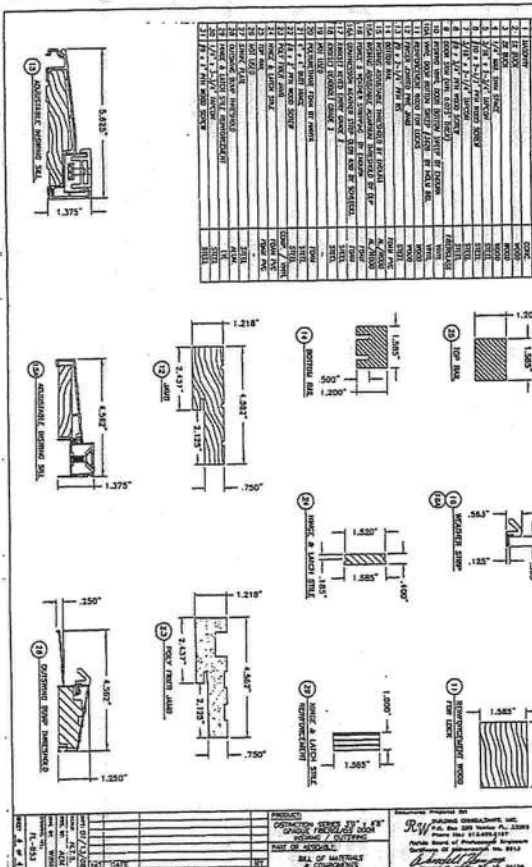
ITEM	DESCRIPTION	QUANTITY
1	DOOR	1
2	DOOR	1
3	DOOR	1
4	DOOR	1
5	DOOR	1



ITEM	DESCRIPTION	QUANTITY
1	DOOR	1
2	DOOR	1
3	DOOR	1
4	DOOR	1
5	DOOR	1



ITEM	DESCRIPTION	QUANTITY
1	DOOR	1
2	DOOR	1
3	DOOR	1
4	DOOR	1
5	DOOR	1



ITEM	DESCRIPTION	QUANTITY
1	DOOR	1
2	DOOR	1
3	DOOR	1
4	DOOR	1
5	DOOR	1

FIBERGLASS EXTERIOR DOORS IN SWING / OUT SWING DOOR SINGLE DOOR

RELEASE DATE: 09/02/08

COPYRIGHT © 2002 MARONDA HOMES

Maronda Homes

1401 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

Florida Product Approval #6184.1

ED-0

NOTES:

1. SHORT GLAZED PANEL OPTION - .200" MINIMUM SIZE GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (4) 8/16" SCREWS INSTALLED IN TOP OR INTERMEDIATE SECTION (WHICH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 13.75" AND A MAXIMUM LENGTH OF 15.75". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS RESISTANCE.
2. LONG GLAZED PANEL OPTION - .200" MINIMUM SIZE GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) 8/16" SCREWS INSTALLED IN TOP OR INTERMEDIATE SECTION (WHICH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 13.75" AND A MAXIMUM LENGTH OF 30". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS RESISTANCE.
3. WIND OR WOOD DOOR STOP MALES A MAXIMUM OF 6" O.G. MUST OVERLAP TOP AND BOTH SIDES OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
4. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
5. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION ORIGINALLY BONDED TO 30 GA MINIMUM GAGE STEEL AND A POLYURETHANE BACKER. END CAP TO HAVE A MINIMUM 1" DEPTH.
6. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
7. DOOR JAMB TO BE MINIMUM 2x8 STRUCTURAL GRADE LAMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
8. LATCHER OPTION - .200" MINIMUM ALUMINUM LATCHERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (4) 8/16" SCREWS INSTALLED IN THE END PANELS OF THE BOTTOM SECTION. LATCHERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS RESISTANCE.

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH TOP SECTION QUANTITIES AND SEE NOTES 1 AND 2 ON THIS SHEET FOR GLAZING OPTIONS.

13 GA HORIZ ANGLE
13 GA FLAG ANGLE
18 GA HORIZ TRACK
5/16"-1/2" LAS SCREWS (MIN 3 AS SHOWN)
18 GA HORIZ TRACK
5/16"-1/2" LAS SCREWS AT EACH JAMB BRACKET
1/4"-5/8"x3/4" TRACK BOLT AND 1/4"-20 NUT W/IT AT EACH AS JAMB BRACKET LOCATION
13 GA STIFFENED JAMB BRACKETS SEE JAMB BRACKET SCHEDULE FOR QUANTITY, LOCATION, AND TYPE
KEY LOCK OR SLIDE LOCK (NOT REQUIRED WITH OPERATOR - SEE NOTE 4). SLIDE LOCK SHOWN FOR CLARITY

SEE U-BAR NOTE ON SHEET 2 FOR U-BAR INSTALLATION

18 GA OPERATOR STYLE FACTORY ADDS TO CENTER OF TOP SECTION

20 GA END CAP

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

18 GA HORIZ TRACK

5/16"-1/2" LAS SCREWS (MIN 3 AS SHOWN)

18 GA HORIZ TRACK

5/16"-1/2" LAS SCREWS AT EACH JAMB BRACKET

1/4"-5/8"x3/4" TRACK BOLT AND 1/4"-20 NUT W/IT AT EACH AS JAMB BRACKET LOCATION

13 GA STIFFENED JAMB BRACKETS SEE JAMB BRACKET SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

KEY LOCK OR SLIDE LOCK (NOT REQUIRED WITH OPERATOR - SEE NOTE 4). SLIDE LOCK SHOWN FOR CLARITY

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	110/147/183
12'-0"	121/157/195

JAMB BRACKET SCHEDULE

DOOR NO.	NO. OF BRACKETS (EACH JAMB)	BRACKET TYPE	LOCATION OF ADDITIONAL U-BAR BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS IN FT)
1-10	4	Q	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
11-20	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
21-30	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
31-40	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
41-50	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
51-60	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
61-70	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
71-80	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
81-90	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"
91-100	4	FAT	(1) 13" (2) 13" (3) 13" (4) 13" (5) 13" (6) 13" (7) 13" (8) 13" (9) 13" (10) 13"

NOTE:
(1) FOLLOWING DIMENSION INDICATES BOTTLED JAMB BRACKET ATTACHED TO TRACK WITH 1/4"-5/8"x3/4" TRACK BOLT AND NUT.
(2) FOLLOWING DIMENSION INDICATES QUICK INSTALL JAMB BRACKET INSTALLED IN BUTTERFLY SLUT. NO ADDITIONAL JAMB NUTS NEEDED TO ATTACH TO TRACK.

MARK R. BARROW, PE
FLORIDA LICENSE NO. 57389

Wayne Dalton
3385 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9999

STATIC PRESSURE RATINGS
DESIGN (PSF): +28.50/-30.80 MAX HEIGHT: 8'-0"
TEST (PSF): +40.35/-48.20 MAX HEIGHT: 8'-0"
IMPACT/CYCLIC RATED (YES/NO): YES MAX SECTION HEIGHT: 21' (CHECKED)

MODELS 5120/6100/9100

WINDLOAD SPECIFICATION OPTION CODE 0228

APPROVED SIZES
MAX WIDTH: 8'-0"
MAX HEIGHT: 8'-0"
MAX SECTION HEIGHT: 21' (CHECKED)

SCALE: N.T.S.

DATE: 3/7/08
DRAWN: GRT
CHECKED: 4/6/08
REV: MRS

SHEET 1 OF 2
DRAWING PART NO.: 318958
REV: P5

DETAIL A

13 GA ADJUSTABLE TOP ROLLER ATTACHED TO PRE-PUNCHED HOLES IN BOTTOM OF U-BAR WITH (2) 1/4"-1/2"x5/8" CRUSETTE SCREWS. USE VESSEL HOLE IN SLIDE TO OBTAIN PROPER ALIGNMENT OF ROLLERS.

DETAIL B

13 GA HINGE ATTACHED WITH (4) 1/4"-1/2"x5/8" CRUSETTE SCREWS (3 OF WHICH ARE FACTORY ATTACHED).

3" NYLON SLIDING SLIDE ROLLER WITH 4" STEM

DETAIL C

18 GA HINGE ATTACHED WITH (8) 1/4"-20x1/2" CRUSETTE SCREWS (3 OF WHICH ARE FACTORY ATTACHED, 3 OF WHICH ARE FIELD INSTALLED INTO TOP LEAF, AND 1 OF WHICH IS FIELD INSTALLED INTO PRE-PUNCHED HOLE IN U-BAR).

DETAIL D

13 GA BOTTOM BRACKET FACTORY ATTACHED WITH (2) 1/4"-1/2"x5/8" CRUSETTE SCREWS.

FOR IMPACT RESISTANCE, BOTTOM BRACKET MUST BE SCREWED TO THE BOTTOM U-BAR WITH (2) 1/4"-1/2"x5/8" SELF DRILLING CRUSETTE SCREWS. SEE IMPACT BOTTOM BRACKET DETAIL, THIS SHEET.

LOW HEADROOM TRACK DETAIL A

PLACE U-BAR OVER INTERNAL RIB WITH THE (2) PRE-PUNCHED HOLES EACH END FACING UPWARD AND ATTACH THRU END CAP AT EACH END WITH (2) 1/4"-1/2"x5/8" SELF DRILLING CRUSETTE SCREWS. U-BAR PLACED OVER TOP RIB ON THE BOTTOM SECTION SHALL ONLY BE ATTACHED THRU END CAP AT EACH END WITH (2) 1/4"-1/2"x5/8" SELF DRILLING CRUSETTE SCREWS. U-BAR USED TO ATTACH THE TOP BRACKET AS SHOWN.

IMPACT BOTTOM BRACKET

ATTACH BOTTOM BRACKET TO BOTTOM U-BAR WITH (2) 1/4"-1/2"x5/8" SELF DRILLING CRUSETTE SCREWS.

U-BAR ATTACHMENT NOTES:

1. ALL U-BARS SHALL BE PLACED OVER INTERNAL RIBS AND ATTACHED THRU PRE-PUNCHED HOLES WITH (2) 1/4"-1/2"x5/8" CRUSETTE SCREWS AT EACH INTERMEDIATE HINGE LOCATION, (2) 1/4"-1/2"x5/8" SELF DRILLING CRUSETTE SCREWS AT EACH END CAP (EXCEPT BOTH U-BARS ON BOTTOM SECTION - SEE DETAIL B AND C THIS SHEET), (2) 1/4"-1/2"x5/8" CRUSETTE SCREWS APPROXIMATELY 1/2" FROM EACH END OF DOOR AND INTERMEDIATE HINGE LOCATION, AND (1) 1/4"-1/2"x5/8" CRUSETTE SCREWS APPROXIMATELY 8" FROM EACH END. THERE SHALL BE A TOTAL OF (12) SCREWS ATTACHING EACH U-BAR EXCEPT BOTH U-BARS ON BOTTOM SECTION WHICH SHALL HAVE A TOTAL OF (10) SCREWS EACH.
2. WITH THE EXCEPTION OF THE (2) PRE-PUNCHED HOLES IN THE TOP OF EACH END USED FOR ATTACHMENT OF THE ROLLER SLIDES AND THE (8) PRE-PUNCHED HOLES IN THE BOTTOM OF EACH END USED FOR THE ATTACHMENT OF THE TOP FUTURE, AND UNLESS NOTED OTHERWISE ON THIS SPECIFICATION DRAWING, ALL PRE-PUNCHED HOLES IN ALL U-BARS SHALL BE ATTACHED TO THE DOOR WITH 1/4"-1/2"x5/8" CRUSETTE SCREWS.
3. 30 GA U-BARS SHALL BE STAMPED "30" APPROXIMATELY 8" FROM EACH END.

MARK R. BARROW, PE
FLORIDA LICENSE NO. 57389

Wayne Dalton
3385 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9999

STATIC PRESSURE RATINGS
DESIGN (PSF): +28.50/-30.80 MAX WIDTH: 8'-0"
TEST (PSF): +40.35/-48.20 MAX HEIGHT: 8'-0"
IMPACT/CYCLIC RATED (YES/NO): YES MAX SECTION HEIGHT: 21' (CHECKED)

MODELS 5120/6100/9100

WINDLOAD SPECIFICATION OPTION CODE 0228

APPROVED SIZES
MAX WIDTH: 8'-0"
MAX HEIGHT: 8'-0"
MAX SECTION HEIGHT: 21' (CHECKED)

SCALE: N.T.S.

DATE: 3/7/08
DRAWN: GRT
CHECKED: 4/6/08
REV: MRS

SHEET 2 OF 2
DRAWING PART NO.: 318958
REV: P5

GDI

GARAGE DOORS

8' - 9' Wide Wind Zone 125-130

RELEASE DATE:

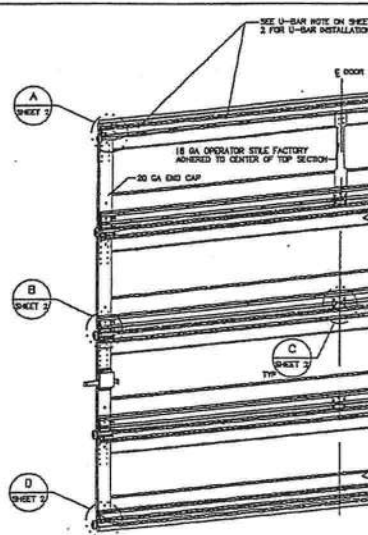
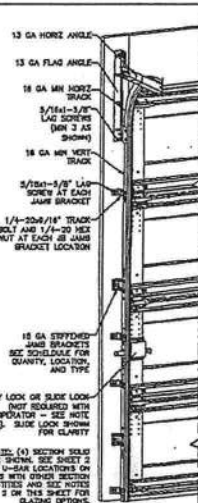
Maronda Homes

1071 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

REVISIONS:

- 1-18-08 Revise Garage Door Supplier
- 2-19-09 Update to Code.

- NOTES:**
1. SHORT GLAZED PANEL OPTION - .080" MINIMUM 308 GLAZING IN MOLDED FRAMES GLAZED WITH A 1/4" BEAD OF INSURE TISS OR EQUIVALENT UNDER THE OUTER FRAME AND SCREWS TOGETHER WITH A MINIMUM OF (8) 804" SCREWS INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 13.75" AND A MAXIMUM LENGTH OF 18.75". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS RESISTANT GLAZING SECTION REQUIRES OPERATOR STYLE TO BE FACTORY INSTALLED.
 2. LONG GLAZED PANEL OPTION - NOT AVAILABLE WITH THIS OPTION CODE.
 3. VINYL OR WOOD DOOR STOP NEEDED A MAXIMUM OF 5" O.C. MUST OVERLAP TOP AND BOTTOM EDGES OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
 4. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
 5. SECTION SHALL BE CONSTRUCTED WITH FORMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA MINIMUM FINDER STEEL AND A POLYURETHANE BACKED END CAP TO HAVE A MINIMUM 1.1" DEPTH.
 6. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
 7. DOOR JAMB TO BE MINIMUM 308 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
 8. LAMINATE OPTION - .080" MINIMUM ALUMINUM LAMINATE IN MOLDED FRAMES SCREWS TOGETHER WITH A MINIMUM OF (8) 804" SCREWS INSTALLED IN THE END PANELS OF THE BOTTOM SECTION. LOCKERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS RESISTANT.



- REVISIONS**
1. ADDED SHORT PANEL GLAZING OPTION (NOTE 1) DIT 6/20/04
 2. ADDED IMPACT RESISTANCE TO DOOR. ADDED MODEL 5100. MODIFIED NOTE 8 TO STATE THAT LOCKERS ARE NOT IMPACT RESISTANT. DIT 6/9/07
 3. MODIFIED JAMB BRACKET SCHEDULE FOR FAT OPTION. ADDED LMR TRACK DETAIL SHEET 2. DIT 4/17/08

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0" ALL	+172.5/-118.4
12'-0" ALL	+194.4/-123.3

JAMB BRACKET SCHEDULE

DOOR SECTION	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS IN FT)
7'-0"	4	B	1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 10.5, 11.0, 11.5, 12.0, 12.5, 13.0, 13.5, 14.0, 14.5, 15.0, 15.5, 16.0, 16.5, 17.0, 17.5, 18.0, 18.5, 19.0, 19.5, 20.0, 20.5, 21.0, 21.5, 22.0, 22.5, 23.0, 23.5, 24.0, 24.5, 25.0, 25.5, 26.0, 26.5, 27.0, 27.5, 28.0, 28.5, 29.0, 29.5, 30.0, 30.5, 31.0, 31.5, 32.0, 32.5, 33.0, 33.5, 34.0, 34.5, 35.0, 35.5, 36.0, 36.5, 37.0, 37.5, 38.0, 38.5, 39.0, 39.5, 40.0, 40.5, 41.0, 41.5, 42.0, 42.5, 43.0, 43.5, 44.0, 44.5, 45.0, 45.5, 46.0, 46.5, 47.0, 47.5, 48.0, 48.5, 49.0, 49.5, 50.0, 50.5, 51.0, 51.5, 52.0, 52.5, 53.0, 53.5, 54.0, 54.5, 55.0, 55.5, 56.0, 56.5, 57.0, 57.5, 58.0, 58.5, 59.0, 59.5, 60.0, 60.5, 61.0, 61.5, 62.0, 62.5, 63.0, 63.5, 64.0, 64.5, 65.0, 65.5, 66.0, 66.5, 67.0, 67.5, 68.0, 68.5, 69.0, 69.5, 70.0, 70.5, 71.0, 71.5, 72.0, 72.5, 73.0, 73.5, 74.0, 74.5, 75.0, 75.5, 76.0, 76.5, 77.0, 77.5, 78.0, 78.5, 79.0, 79.5, 80.0, 80.5, 81.0, 81.5, 82.0, 82.5, 83.0, 83.5, 84.0, 84.5, 85.0, 85.5, 86.0, 86.5, 87.0, 87.5, 88.0, 88.5, 89.0, 89.5, 90.0, 90.5, 91.0, 91.5, 92.0, 92.5, 93.0, 93.5, 94.0, 94.5, 95.0, 95.5, 96.0, 96.5, 97.0, 97.5, 98.0, 98.5, 99.0, 99.5, 100.0, 100.5, 101.0, 101.5, 102.0, 102.5, 103.0, 103.5, 104.0, 104.5, 105.0, 105.5, 106.0, 106.5, 107.0, 107.5, 108.0, 108.5, 109.0, 109.5, 110.0, 110.5, 111.0, 111.5, 112.0, 112.5, 113.0, 113.5, 114.0, 114.5, 115.0, 115.5, 116.0, 116.5, 117.0, 117.5, 118.0, 118.5, 119.0, 119.5, 120.0, 120.5, 121.0, 121.5, 122.0, 122.5, 123.0, 123.5, 124.0, 124.5, 125.0, 125.5, 126.0, 126.5, 127.0, 127.5, 128.0, 128.5, 129.0, 129.5, 130.0, 130.5, 131.0, 131.5, 132.0, 132.5, 133.0, 133.5, 134.0, 134.5, 135.0, 135.5, 136.0, 136.5, 137.0, 137.5, 138.0, 138.5, 139.0, 139.5, 140.0, 140.5, 141.0, 141.5, 142.0, 142.5, 143.0, 143.5, 144.0, 144.5, 145.0, 145.5, 146.0, 146.5, 147.0, 147.5, 148.0, 148.5, 149.0, 149.5, 150.0, 150.5, 151.0, 151.5, 152.0, 152.5, 153.0, 153.5, 154.0, 154.5, 155.0, 155.5, 156.0, 156.5, 157.0, 157.5, 158.0, 158.5, 159.0, 159.5, 160.0, 160.5, 161.0, 161.5, 162.0, 162.5, 163.0, 163.5, 164.0, 164.5, 165.0, 165.5, 166.0, 166.5, 167.0, 167.5, 168.0, 168.5, 169.0, 169.5, 170.0, 170.5, 171.0, 171.5, 172.0, 172.5, 173.0, 173.5, 174.0, 174.5, 175.0, 175.5, 176.0, 176.5, 177.0, 177.5, 178.0, 178.5, 179.0, 179.5, 180.0, 180.5, 181.0, 181.5, 182.0, 182.5, 183.0, 183.5, 184.0, 184.5, 185.0, 185.5, 186.0, 186.5, 187.0, 187.5, 188.0, 188.5, 189.0, 189.5, 190.0, 190.5, 191.0, 191.5, 192.0, 192.5, 193.0, 193.5, 194.0, 194.5, 195.0, 195.5, 196.0, 196.5, 197.0, 197.5, 198.0, 198.5, 199.0, 199.5, 200.0, 200.5, 201.0, 201.5, 202.0, 202.5, 203.0, 203.5, 204.0, 204.5, 205.0, 205.5, 206.0, 206.5, 207.0, 207.5, 208.0, 208.5, 209.0, 209.5, 210.0, 210.5, 211.0, 211.5, 212.0, 212.5, 213.0, 213.5, 214.0, 214.5, 215.0, 215.5, 216.0, 216.5, 217.0, 217.5, 218.0, 218.5, 219.0, 219.5, 220.0, 220.5, 221.0, 221.5, 222.0, 222.5, 223.0, 223.5, 224.0, 224.5, 225.0, 225.5, 226.0, 226.5, 227.0, 227.5, 228.0, 228.5, 229.0, 229.5, 230.0, 230.5, 231.0, 231.5, 232.0, 232.5, 233.0, 233.5, 234.0, 234.5, 235.0, 235.5, 236.0, 236.5, 237.0, 237.5, 238.0, 238.5, 239.0, 239.5, 240.0, 240.5, 241.0, 241.5, 242.0, 242.5, 243.0, 243.5, 244.0, 244.5, 245.0, 245.5, 246.0, 246.5, 247.0, 247.5, 248.0, 248.5, 249.0, 249.5, 250.0, 250.5, 251.0, 251.5, 252.0, 252.5, 253.0, 253.5, 254.0, 254.5, 255.0, 255.5, 256.0, 256.5, 257.0, 257.5, 258.0, 258.5, 259.0, 259.5, 260.0, 260.5, 261.0, 261.5, 262.0, 262.5, 263.0, 263.5, 264.0, 264.5, 265.0, 265.5, 266.0, 266.5, 267.0, 267.5, 268.0, 268.5, 269.0, 269.5, 270.0, 270.5, 271.0, 271.5, 272.0, 272.5, 273.0, 273.5, 274.0, 274.5, 275.0, 275.5, 276.0, 276.5, 277.0, 277.5, 278.0, 278.5, 279.0, 279.5, 280.0, 280.5, 281.0, 281.5, 282.0, 282.5, 283.0, 283.5, 284.0, 284.5, 285.0, 285.5, 286.0, 286.5, 287.0, 287.5, 288.0, 288.5, 289.0, 289.5, 290.0, 290.5, 291.0, 291.5, 292.0, 292.5, 293.0, 293.5, 294.0, 294.5, 295.0, 295.5, 296.0, 296.5, 297.0, 297.5, 298.0, 298.5, 299.0, 299.5, 300.0, 300.5, 301.0, 301.5, 302.0, 302.5, 303.0, 303.5, 304.0, 304.5, 305.0, 305.5, 306.0, 306.5, 307.0, 307.5, 308.0, 308.5, 309.0, 309.5, 310.0, 310.5, 311.0, 311.5, 312.0, 312.5, 313.0, 313.5, 314.0, 314.5, 315.0, 315.5, 316.0, 316.5, 317.0, 317.5, 318.0, 318.5, 319.0, 319.5, 320.0, 320.5, 321.0, 321.5, 322.0, 322.5, 323.0, 323.5, 324.0, 324.5, 325.0, 325.5, 326.0, 326.5, 327.0, 327.5, 328.0, 328.5, 329.0, 329.5, 330.0, 330.5, 331.0, 331.5, 332.0, 332.5, 333.0, 333.5, 334.0, 334.5, 335.0, 335.5, 336.0, 336.5, 337.0, 337.5, 338.0, 338.5, 339.0, 339.5, 340.0, 340.5, 341.0, 341.5, 342.0, 342.5, 343.0, 343.5, 344.0, 344.5, 345.0, 345.5, 346.0, 346.5, 347.0, 347.5, 348.0, 348.5, 349.0, 349.5, 350.0, 350.5, 351.0, 351.5, 352.0, 352.5, 353.0, 353.5, 354.0, 354.5, 355.0, 355.5, 356.0, 356.5, 357.0, 357.5, 358.0, 358.5, 359.0, 359.5, 360.0, 360.5, 361.0, 361.5, 362.0, 362.5, 363.0, 363.5, 364.0, 364.5, 365.0, 365.5, 366.0, 366.5, 367.0, 367.5, 368.0, 368.5, 369.0, 369.5, 370.0, 370.5, 371.0, 371.5, 372.0, 372.5, 373.0, 373.5, 374.0, 374.5, 375.0, 375.5, 376.0, 376.5, 377.0, 377.5, 378.0, 378.5, 379.0, 379.5, 380.0, 380.5, 381.0, 381.5, 382.0, 382.5, 383.0, 383.5, 384.0, 384.5, 385.0, 385.5, 386.0, 386.5, 387.0, 387.5, 388.0, 388.5, 389.0, 389.5, 390.0, 390.5, 391.0, 391.5, 392.0, 392.5, 393.0, 393.5, 394.0, 394.5, 395.0, 395.5, 396.0, 396.5, 397.0, 397.5, 398.0, 398.5, 399.0, 399.5, 400.0, 400.5, 401.0, 401.5, 402.0, 402.5, 403.0, 403.5, 404.0, 404.5, 405.0, 405.5, 406.0, 406.5, 407.0, 407.5, 408.0, 408.5, 409.0, 409.5, 410.0, 410.5, 411.0, 411.5, 412.0, 412.5, 413.0, 413.5, 414.0, 414.5, 415.0, 415.5, 416.0, 416.5, 417.0, 417.5, 418.0, 418.5, 419.0, 419.5, 420.0, 420.5, 421.0, 421.5, 422.0, 422.5, 423.0, 423.5, 424.0, 424.5, 425.0, 425.5, 426.0, 426.5, 427.0, 427.5, 428.0, 428.5, 429.0, 429.5, 430.0, 430.5, 431.0, 431.5, 432.0, 432.5, 433.0, 433.5, 434.0, 434.5, 435.0, 435.5, 436.0, 436.5, 437.0, 437.5, 438.0, 438.5, 439.0, 439.5, 440.0, 440.5, 441.0, 441.5, 442.0, 442.5, 443.0, 443.5, 444.0, 444.5, 445.0, 445.5, 446.0, 446.5, 447.0, 447.5, 448.0, 448.5, 449.0, 449.5, 450.0, 450.5, 451.0, 451.5, 452.0, 452.5, 453.0, 453.5, 454.0, 454.5, 455.0, 455.5, 456.0, 456.5, 457.0, 457.5, 458.0, 458.5, 459.0, 459.5, 460.0, 460.5, 461.0, 461.5, 462.0, 462.5, 463.0, 463.5, 464.0, 464.5, 465.0, 465.5, 466.0, 466.5, 467.0, 467.5, 468.0, 468.5, 469.0, 469.5, 470.0, 470.5, 471.0, 471.5, 472.0, 472.5, 473.0, 473.5, 474.0, 474.5, 475.0, 475.5, 476.0, 476.5, 477.0, 477.5, 478.0, 478.5, 479.0, 479.5, 480.0, 480.5, 481.0, 481.5, 482.0, 482.5, 483.0, 483.5, 484.0, 484.5, 485.0, 485.5, 486.0, 486.5, 487.0, 487.5, 488.0, 488.5, 489.0, 489.5, 490.0, 490.5, 491.0, 491.5, 492.0, 492.5, 493.0, 493.5, 494.0, 494.5, 495.0, 495.5, 496.0, 496.5, 497.0, 497.5, 498.0, 498.5, 499.0, 499.5, 500.0, 500.5, 501.0, 501.5, 502.0, 502.5, 503.0, 503.5, 504.0, 504.5, 505.0, 505.5, 506.0, 506.5, 507.0, 507.5, 508.0, 508.5, 509.0, 509.5, 510.0, 510.5, 511.0, 511.5, 512.0, 512.5, 513.0, 513.5, 514.0, 514.5, 515.0, 515.5, 516.0, 516.5, 517.0, 517.5, 518.0, 518.5, 519.0, 519.5, 520.0, 520.5, 521.0, 521.5, 522.0, 522.5, 523.0, 523.5, 524.0, 524.5, 525.0, 525.5, 526.0, 526.5, 527.0, 527.5, 528.0, 528.5, 529.0, 529.5, 530.0, 530.5, 531.0, 531.5, 532.0, 532.5, 533.0, 533.5, 534.0, 534.5, 535.0, 535.5, 536.0, 536.5, 537.0, 537.5, 538.0, 538.5, 539.0, 539.5, 540.0, 540.5, 541.0, 541.5, 542.0, 542.5, 543.0, 543.5, 544.0, 544.5, 545.0, 545.5, 546.0, 546.5, 547.0, 547.5, 548.0, 548.5, 549.0, 549.5, 550.0, 550.5, 551.0, 551.5, 552.0, 552.5, 553.0, 553.5, 554.0, 554.5, 555.0, 555.5, 556.0, 556.5, 557.0, 557.5, 558.0, 558.5, 559.0, 559.5, 560.0, 560.5, 561.0, 561.5, 562.0, 562.5, 563.0, 563.5, 564.0, 564.5, 565.0, 565.5, 566.0, 566.5, 567.0, 567.5, 568.0, 568.5, 569.0, 569.5, 570.0, 570.5, 571.0, 571.5, 572.0, 572.5, 573.0, 573.5, 574.0, 574.5, 575.0, 575.5, 576.0, 576.5, 577.0, 577.5, 578.0, 578.5, 579.0, 579.5, 580.0, 580.5, 581.0, 581.5, 582.0, 582.5, 583.0, 583.5, 584.0, 584.5, 585.0, 585.5, 586.0, 586.5, 587.0, 587.5, 588.0, 588.5, 589.0, 589.5, 590.0, 590.5, 591.0, 591.5, 592.0, 592.5, 593.0, 593.5, 594.0, 594.5, 595.0, 595.5, 596.0, 596.5, 597.0, 597.5, 598.0, 598.5, 599.0, 599.5, 600.0, 600.5, 601.0, 601.5, 602.0, 602.5, 603.0, 603.5, 604.0, 604.5, 605.0, 605.5, 606.0, 606.5, 607.0, 607.5, 608.0, 608.5, 609.0, 609.5, 610.0, 610.5, 611.0, 611.5, 612.0, 612.5, 613.0, 613.5, 614.0, 614.5, 615.0, 615.5, 616.0, 616.5, 617.0, 617.5, 618.0, 618.5, 619.0, 619.5, 620.0, 620.5, 621.0, 621.5, 622.0, 622.5, 623.0, 623.5, 624.0, 624.5, 625.0, 625.5, 626.0, 626.5, 627.0, 627.5, 628.0, 628.5, 629.0, 629.5, 630.0, 630.5, 631.0, 631.5, 632.0, 632.5, 633.0, 633.5, 634.0, 634.5, 635.0, 635.5, 636.0, 636.5, 637.0, 637.5, 638.0, 638.5, 639.0, 639.5, 640.0, 640.5, 641.0, 641.5, 642.0, 642.5, 643.0, 643.5, 644.0, 644.5, 645.0, 645.5, 646.0, 646.5, 647.0, 647.5, 648.0, 648.5, 649.0, 649.5, 650.0, 650.5, 651.0, 651.5, 652.0, 652.5, 653.0, 653.5, 654.0, 654.5, 655.0, 655.5, 656.0, 656.5, 657.0, 657.5, 658.0, 658.5, 659.0, 659.5, 660.0, 660.5, 661.0, 661.5, 662.0, 662.5, 663.0, 663.5, 664.0, 664.5, 665.0, 665.5, 666.0, 666.5, 667.0, 667.5, 668.0, 668.5, 669.0, 669.5, 670.0, 670.5, 671.0, 671.5, 672.0, 672.5, 673.0, 673.5, 674.0, 674.5, 675.0, 675.5, 676.0, 676.5, 677.0, 677.5, 678.0, 678.5, 679.0, 679.5, 680.0, 680.5, 681.0, 681.5, 682.0, 682.5, 683.0, 683.5, 684.0, 684.5, 685.0, 685.5, 686.0, 686.5, 687.0, 687.5, 688.0, 688.5, 689.0, 689.5, 690.0, 690.5, 691.0, 691.5, 692.0, 692.5, 693.0, 693.5, 694.0, 694.5, 695.0, 695.5, 696.0, 696.5, 697.0, 697.5, 698.0, 698.5, 699.0, 699.5, 700.0, 700.5, 701.0, 701.5, 702.0, 702.5, 703.0, 703.5, 704.0, 704.5, 705.0, 705.5, 706.0, 706.5, 707.0, 707.5, 708.0, 708.5, 709.0, 709.5, 710.0, 710.5, 711.0, 711.5, 712.0, 712.5, 713.0, 713.5, 714.0, 714.5, 715.0, 715.5, 716.0, 716.5, 717.0, 717.5, 718.0, 718.5, 719.0, 719.5, 720.0, 720.5, 721.0, 721.5, 722.0, 722.5, 723.0, 723.5, 724.0, 724.5, 725.0, 725.5, 726.0, 726.5, 727.0, 727.5, 728.0, 728.5, 729.0, 729.5, 730.0, 730.5, 731.0, 731.5, 732.0, 732.5, 733.0, 733.5, 734.0, 734.5, 735.0, 735.5, 736.0, 736.5, 737.0, 737.5, 738.0, 738.5, 739.0, 739.5, 740.0, 740.5, 741.0, 741.5, 742.0, 742.5, 743.0, 743.5, 744.0, 744.5, 745.0, 745.5, 746.0, 746.5, 747.0, 747.5, 748.0, 748.5, 749.0, 749.5, 750.0, 750.5, 751.0, 751.5, 752.0, 752.5, 753.0, 753.5, 754.0, 754.5, 755.0, 755.5, 756.0, 756.5, 757.0, 757.5, 758.0, 758.5, 759.0, 759.5, 760.0, 760.5, 761.0, 761.5, 762.0, 762.5, 763.0, 763.5, 764.0, 764.5, 765.0, 765.5, 766.0, 766.5, 767.0, 767.5, 768.0, 768.5, 769.0, 769.5, 770.0, 770.5, 771.0, 771.5, 772.0, 772.5, 773.0, 773.5, 774.0, 774.5, 775.0, 775.5, 776.0, 776.5, 777.0, 777.5, 778.0, 778.5, 779.0, 779.5, 780.0, 780.5, 781.0, 781.5, 782.0, 782.5, 783.0, 783.5, 784.0, 784.5, 785.0, 785.5, 786.0, 786.5, 787.0, 787.5, 788.0, 788.5, 789.0, 789.5, 790.0, 790.5, 791.0, 791.5, 792.0, 792.5, 793.0, 793.5, 794.0, 794

GD2

(407) 321-0064 4005 MARIONDA WAY SANFORD. FLORIDA

REVISIONS :
1-18-08 Revise Garage Door Supplier
2-19-09 Update to Code.

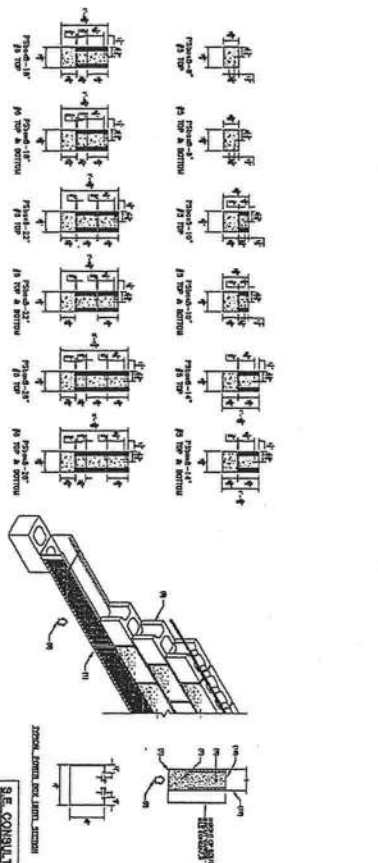
3385 ADDISON DRIVE
PENSACOLA, FLORIDA 325
(850) 474-0800

[illegible]

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

[illegible][illegible]

NOTES:	1. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	2. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	3. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	4. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	5. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	6. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	7. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	8. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	9. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	10. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	11. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).	12. ALL DIMENSIONS ARE IN MILLIMETERS (IN PARENTHESES).
---------------	---	---	---	---	---	---	---	---	---	--	--	--



Florida Product Approval # FL6264-R1

PRODUCT APPROVAL INFORMATION SHEET FOR FLORIDA

Project Name: _____ Permit # _____
 Project Address: _____

As required by Florida Statute 553.442 and Florida Administrative Code 6B-72, please provide the information and product approval number(s) for the building components listed below as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you do not know the product approval number for any of the applicable listed products. Information regarding alternative product approval may be obtained at: www.fdot.state.fl.us/structures
 REVISED 2-18-2009

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State 2007W	Design Pressures
A. EXTERIOR DOORS					
1. Swinging	Plexigro Inc. / Heavy Plastic Corp.	Fiberglass Dr. Single Fiberglass Dr. w/ Side Lite Fiberglass Dr. w/ Dual Sidelites	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads for Building and Other Structures.	FL 6184.1 FL 6184.3 FL 6184.5	+65 / -70 +50 / -50 +50 / -50
2. Sliding	Simonton Windows Florida Extruders	Fiberglass Dr. Single Glazed Sliding Glass Doors	500 72X80 SCD-R45 Millstone 1000 SCD	FL 6729.1 FL 5979.1 FL 8409.2	+50 / -50 +50 / -50 +45 / -45
3. Sectional	Wayne Dalton Corp.	Garage Doors 130' 10" - 8' - 9" 9100 / 5120	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.	FL 9174.3 FL 9174.1 FL 9174.6 FL 9174.5	+25.9 / +28.8 +26.9 / +30.8 +29.2 / +37 +40.2 / +46
4. Roll up					
B. WINDOWS					
1. Single hung	Florida Extruders	Millstone Series 1000	53" x 84" Max. Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 9262.2	+45 / -45
2. Horizontal slider	Florida Extruders	Millstone Series 1000	74" x 72" XCOX Max. Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 9236.1	+45 / -45
5. Fixed	Florida Extruders	Millstone Series 1000	75" x 57" Max. Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 9242.2	+45 / -45
Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State 2007W	Design Pressures
7. Pass-through					
8. Projected	Florida Extruders	Millstone Tube Mail	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads for Building and Other Structures.	FL 3136-R3	60 PSF
9. Multiton					
10. Wind breaker					
11. Dual action					
12. Other					
C. PANEL WALL					
1. Sliding	Alcoa Metal Corp	Quad 4 Aluminum South Systems	For use as soffit only. Not for use in HVHZ.	FL 4439-R1	62.0 PSF
2. Soffit					
D. ROOFING PRODUCTS					
1. Asphalt shingles	Owens Corning	Asphalt Shingle	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed.	FL 1067-R1 FL 544-R1	N/A N/A
2. Underlayment					
3. Roofing fasteners					
4. Nonstructural metal roof					
5. Built-up roofing					
6. Modified bitumen	Polyglass USA	Two layer torch down	The max design pressure for the selected assembly shall meet or exceed the Zone 1 design pressure determined in accordance with FBC chapter 16.	FL 1654-R4	+N/A / -62.5
7. Single ply roofing					

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State 2007W	Design Pressures
8. Roofing tiles					
9. Roofing insulation					
11. Wood shingle/techniques					
12. Roofing slate					
13. Liquid applied roofing					
14. Cement-adhesive roofing					
15. Roof tile adhesive					
16. Spray applied polyurethane roof					
17. Roof vents	Owens Corning Lamprose	Ridge Vent Off Ridge Vent	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed.	FL 10758 FL 3172-R3	N/A N/A
E. SHUTTERS					
1. Storm Panels	ASI Building Products	20" Galvanized Steel Storm Panels	This product may only be installed on concrete, hollow concrete block or wood subframes. This product is NOT suitable for installation in the High Velocity Hurricane Zone or Shale Wind Speed > 140.	FL 7989-R2 FL 5547 FL 4804	+70 / -70 N/A N/A
F. STRUCTURAL COMPONENTS					
Wood connector/anchor	United Steel Products	Anchor, Hangers Etc. Structural Components Wood Connectors	Subject to limitation and installation instructions specified in N/A 05-0105.05.	565-R3.567-R3.569-R3.570-R2.571-R2.574-R2.576-R3.578-R2.815-R1.816-R1.817-R1.818-R1.819-R1.820-R1.821-R1.822-R1.823-R1.824-R1.825-R1.826-R1.827-R1.828-R1.829-R1.830-R1.831-R1.832-R1.833-R1.834-R1.835-R1.836-R1.837-R1.838-R1.839-R1.840-R1.841-R1.842-R1.843-R1.844-R1.845-R1.846-R1.847-R1.848-R1.849-R1.850-R1.851-R1.852-R1.853-R1.854-R1.855-R1.856-R1.857-R1.858-R1.859-R1.860-R1.861-R1.862-R1.863-R1.864-R1.865-R1.866-R1.867-R1.868-R1.869-R1.870-R1.871-R1.872-R1.873-R1.874-R1.875-R1.876-R1.877-R1.878-R1.879-R1.880-R1.881-R1.882-R1.883-R1.884-R1.885-R1.886-R1.887-R1.888-R1.889-R1.890-R1.891-R1.892-R1.893-R1.894-R1.895-R1.896-R1.897-R1.898-R1.899-R1.900-R1.901-R1.902-R1.903-R1.904-R1.905-R1.906-R1.907-R1.908-R1.909-R1.910-R1.911-R1.912-R1.913-R1.914-R1.915-R1.916-R1.917-R1.918-R1.919-R1.920-R1.921-R1.922-R1.923-R1.924-R1.925-R1.926-R1.927-R1.928-R1.929-R1.930-R1.931-R1.932-R1.933-R1.934-R1.935-R1.936-R1.937-R1.938-R1.939-R1.940-R1.941-R1.942-R1.943-R1.944-R1.945-R1.946-R1.947-R1.948-R1.949-R1.950-R1.951-R1.952-R1.953-R1.954-R1.955-R1.956-R1.957-R1.958-R1.959-R1.960-R1.961-R1.962-R1.963-R1.964-R1.965-R1.966-R1.967-R1.968-R1.969-R1.970-R1.971-R1.972-R1.973-R1.974-R1.975-R1.976-R1.977-R1.978-R1.979-R1.980-R1.981-R1.982-R1.983-R1.984-R1.985-R1.986-R1.987-R1.988-R1.989-R1.990-R1.991-R1.992-R1.993-R1.994-R1.995-R1.996-R1.997-R1.998-R1.999-R2.000-R2.001-R2.002-R2.003-R2.004-R2.005-R2.006-R2.007-R2.008-R2.009-R2.010-R2.011-R2.012-R2.013-R2.014-R2.015-R2.016-R2.017-R2.018-R2.019-R2.020-R2.021-R2.022-R2.023-R2.024-R2.025-R2.026-R2.027-R2.028-R2.029-R2.030-R2.031-R2.032-R2.033-R2.034-R2.035-R2.036-R2.037-R2.038-R2.039-R2.040-R2.041-R2.042-R2.043-R2.044-R2.045-R2.046-R2.047-R2.048-R2.049-R2.050-R2.051-R2.052-R2.053-R2.054-R2.055-R2.056-R2.057-R2.058-R2.059-R2.060-R2.061-R2.062-R2.063-R2.064-R2.065-R2.066-R2.067-R2.068-R2.069-R2.070-R2.071-R2.072-R2.073-R2.074-R2.075-R2.076-R2.077-R2.078-R2.079-R2.080-R2.081-R2.082-R2.083-R2.084-R2.085-R2.086-R2.087-R2.088-R2.089-R2.090-R2.091-R2.092-R2.093-R2.094-R2.095-R2.096-R2.097-R2.098-R2.099-R2.100-R2.101-R2.102-R2.103-R2.104-R2.105-R2.106-R2.107-R2.108-R2.109-R2.110-R2.111-R2.112-R2.113-R2.114-R2.115-R2.116-R2.117-R2.118-R2.119-R2.120-R2.121-R2.122-R2.123-R2.124-R2.125-R2.126-R2.127-R2.128-R2.129-R2.130-R2.131-R2.132-R2.133-R2.134-R2.135-R2.136-R2.137-R2.138-R2.139-R2.140-R2.141-R2.142-R2.143-R2.144-R2.145-R2.146-R2.147-R2.148-R2.149-R2.150-R2.151-R2.152-R2.153-R2.154-R2.155-R2.156-R2.157-R2.158-R2.159-R2.160-R2.161-R2.162-R2.163-R2.164-R2.165-R2.166-R2.167-R2.168-R2.169-R2.170-R2.171-R2.172-R2.173-R2.174-R2.175-R2.176-R2.177-R2.178-R2.179-R2.180-R2.181-R2.182-R2.183-R2.184-R2.185-R2.186-R2.187-R2.188-R2.189-R2.190-R2.191-R2.192-R2.193-R2.194-R2.195-R2.196-R2.197-R2.198-R2.199-R2.200-R2.201-R2.202-R2.203-R2.204-R2.205-R2.206-R2.207-R2.208-R2.209-R2.210-R2.211-R2.212-R2.213-R2.214-R2.215-R2.216-R2.217-R2.218-R2.219-R2.220-R2.221-R2.222-R2.223-R2.224-R2.225-R2.226-R2.227-R2.228-R2.229-R2.230-R2.231-R2.232-R2.233-R2.234-R2.235-R2.236-R2.237-R2.238-R2.239-R2.240-R2.241-R2.242-R2.243-R2.244-R2.245-R2.246-R2.247-R2.248-R2.249-R2.250-R2.251-R2.252-R2.253-R2.254-R2.255-R2.256-R2.257-R2.258-R2.259-R2.260-R2.261-R2.262-R2.263-R2.264-R2.265-R2.266-R2.267-R2.268-R2.269-R2.270-R2.271-R2.272-R2.273-R2.274-R2.275-R2.276-R2.277-R2.278-R2.279-R2.280-R2.281-R2.282-R2.283-R2.284-R2.285-R2.286-R2.287-R2.288-R2.289-R2.290-R2.291-R2.292-R2.293-R2.294-R2.295-R2.296-R2.297-R2.298-R2.299-R2.300-R2.301-R2.302-R2.303-R2.304-R2.305-R2.306-R2.307-R2.308-R2.309-R2.310-R2.311-R2.312-R2.313-R2.314-R2.315-R2.316-R2.317-R2.318-R2.319-R2.320-R2.321-R2.322-R2.323-R2.324-R2.325-R2.326-R2.327-R2.328-R2.329-R2.330-R2.331-R2.332-R2.333-R2.334-R2.335-R2.336-R2.337-R2.338-R2.339-R2.340-R2.341-R2.342-R2.343-R2.344-R2.345-R2.346-R2.347-R2.348-R2.349-R2.350-R2.351-R2.352-R2.353-R2.354-R2.355-R2.356-R2.357-R2.358-R2.359-R2.360-R2.361-R2.362-R2.363-R2.364-R2.365-R2.366-R2.367-R2.368-R2.369-R2.370-R2.371-R2.372-R2.373-R2.374-R2.375-R2.376-R2.377-R2.378-R2.379-R2.380-R2.381-R2.382-R2.383-R2.384-R2.385-R2.386-R2.387-R2.388-R2.389-R2.390-R2.391-R2.392-R2.393-R2.394-R2.395-R2.396-R2.397-R2.398-R2.399-R2.400-R2.401-R2.402-R2.403-R2.404-R2.405-R2.406-R2.407-R2.408-R2.409-R2.410-R2.411-R2.412-R2.413-R2.414-R2.415-R2.416-R2.417-R2.418-R2.419-R2.420-R2.421-R2.422-R2.423-R2.424-R2.425-R2.426-R2.427-R2.428-R2.429-R2.430-R2.431-R2.432-R2.433-R2.434-R2.435-R2.436-R2.437-R2.438-R2.439-R2.440-R2.441-R2.442-R2.443-R2.444-R2.445-R2.446-R2.447-R2.448-R2.449-R2.450-R2.451-R2.452-R2.453-R2.454-R2.455-R2.456-R2.457-R2.458-R2.459-R2.460-R2.461-R2.462-R2.463-R2.464-R2.465-R2.466-R2.467-R2.468-R2.469-R2.470-R2.471-R2.472-R2.473-R2.474-R2.475-R2.476-R2.477-R2.478-R2.479-R2.480-R2.481-R2.482-R2.483-R2.484-R2.485-R2.486-R2.487-R2.488-R2.489-R2.490-R2.491-R2.492-R2.493-R2.494-R2.495-R2.496-R2.497-R2.498-R2.499-R2.500-R2.501-R2.502-R2.503-R2.504-R2.505-R2.506-R2.507-R2.508-R2.509-R2.510-R2.511-R2.512-R2.513-R2.514-R2.515-R2.516-R2.517-R2.518-R2.519-R2.520-R2.521-R2.522-R2.523-R2.524-R2.525-R2.526-R2.527-R2.528-R2.529-R2.530-R2.531-R2.532-R2.533-R2.534-R2.535-R2.536-R2.537-R2.538-R2.539-R2.540-R2.541-R2.542-R2.543-R2.544-R2.545-R2.546-R2.547-R2.548-R2.549-R2.550-R2.551-R2.552-R2.553-R2.554-R2.555-R2.556-R2.557-R2.558-R2.559-R2.560-R2.561-R2.562-R2.563-R2.564-R2.565-R2.566-R2.567-R2.568-R2.569-R2.570-R2.571-R2.572-R2.573-R2.574-R2.575-R2.576-R2.577-R2.578-R2.579-R2.580-R2.581-R2.582-R2.583-R2.584-R2.585-R2.586-R2.587-R2.588-R2.589-R2.590-R2.591-R2.592-R2.593-R2.594-R2.595-R2.596-R2.597-R2.598-R2.599-R2.600-R2.601-R2.602-R2.603-R2.604-R2.605-R2.606-R2.607-R2.608-R2.609-R2.610-R2.611-R2.612-R2.613-R2.614-R2.615-R2.616-R2.617-R2.618-R2.619-R2.620-R2.621-R2.622-R2.623-R2.624-R2.625-R2.626-R2.627-R2.628-R2.629-R2.630-R2.631-R2.632-R2.633-R2.634-R2.635-R2.636-R2.637-R2.638-R2.639-R2.640-R2.641-R2.642-R2.643-R2.644-R2.645-R2.646-R2.647-R2.648-R2.649-R2.650-R2.651-R2.652-R2.653-R2.654-R2.655-R2.656-R2.657-R2.658-R2.659-R2.660-R2.661-R2.662-R2.663-R2.664-R2.665-R2.666-R2.667-R2.668-R2.669-R2.670-R2.671-R2.672-R2.673-R2.674-R2.675-R2.676-R2.677-R2.678-R2.679-R2.680-R2.681-R2.682-R2.683-R2.684-R2.685-R2.686-R2.687-R2.688-R2.689-R2.690-R2.691-R2.692-R2.693-R2.694-R2.695-R2.696-R2.697-R2.698-R2.699-R2.700-R2.701-R2.702-R2.703-R2.704-R2.705-R2.706-R2.707-R2.708-R2.709-R2.710-R2.711-R2.712-R2.713-R2.714-R2.715-R2.716-R2.717-R2.718-R2.719-R2.720-R2.721-R2.722-R2.723-R2.724-R2.725-R2.726-R2.727-R2.728-R2.729-R2.730-R2.731-R2.732-R2.733-R2.734-R2.735-R2.736-R2.737-R2.738-R2.739-R2.740-R2.741-R2.742-R2.743-R2.744-R2.745-R2.746-R2.747-R2.748-R2.749-R2.750-R2.751-R2.752-R2.753-R2.754-R2.755-R2.756-R2.757-R2.758-R2.759-R2.760-R2.761-R2.762-R2.763-R2.764-R2.765-R2.766-R2.767-R2.768-R2.769-R2.770-R2.771-R2.772-R2.773-R2.774-R2.775-R2.776-R2.777-R2.778-R2.779-R2.780-R2.781-R2.782-R2.783-R2.784-R2.785-R2.786-R2.787-R2.788-R2.789-R2.790-R2.791-R2.792-R2.793-R2.794-R2.795-R2.796-R2.797-R2.798-R2.799-R2.800-R2.801-R2.802-R2.803-R2.804-R2.805-R2.806-R2.807-R2.808-R2.809-R2.810-R2.811-R2.812-R2.813-R2.814-R2.815-R2.816-R2.817-R2.818-R2.819-R2.820-R2.821-R2.822-R2.823-R2.824-R2.825-R2.826-R2.827-R2.828-R2.829-R2.830-R2.831-R2.832-R2.833-R2.834-R2.835-R2.836-R2.837-R2.838-R2.839-R2.840-R2.841-R2.842-R2.843-R2.844-R2.845-R2.846-R2.847-R2.848-R2.849-R2.850-R2.851-R2.852-R2.853-R2.854-R2.855-R2.856-R2.857-R2.858-R2.859-R2.860-R2.861-R2.862-R2.863-R2.864-R2.865-R2.866-R2.867-R2.868-R2.869-R2.870-R2.871-R2.872-R2.873-R2.874-R2.875-R2.876-R2.877-R2.878-R2.879-R2.880-R2.881-R2.882-R2.883-R2.884-R2.885-R2.886-R2.887-R2.888-R2.889-R2.890-R2.891-R2.892-R2.893-R2.894-R2.895-R2.896-R2.897-R2.898-R2.899-R2.900-R2.901-R2.902-R2.903-R2.904-R2.905-R2.906-R2.907-R2.908-R2.909-R2.910-R2.911-R2.912-R2.913-R2.914-R2.915-R2.916-R2.917-R2.918-R2.919-R2.920-R2.921-R2.922-R2.923-R2.924-R2.925-R2.926-R2.927-R2.928-R2.929-R2.930-R2.931-R2.932-R2.933-R2.934-R2.935-R2.936-R2.937-R2.938-R2.939-R2.940-R2.941-R2.942-R2.943-R2.944-R2.945-R2.946-R2.947-R2.948-R2.949-R2.950-R2.951-R2.952-R2.953-R2.954-R2.955-R2.956-R2.957-R2.958-R2.959-R2.960-R2.961-R2.962-R2.963-R2.964-R2.965-R2.966-R2.967-R2.968-R2.969-R2.970-R2.971-R2.972-R2.973-R2.974-R2.975-R2.976-R2.977-R2.978-R2.979-R2.980-R2.981-R2.982-R2.983-R2.984-R2.985-R2.986-R2.987-R2.988-R2.989-R2.990-R2.991-R2.992-R2.993-R2.994-R2.995-R2.996-R2.997-R2.998-R2.999-R3.000-R3.001-R3.002-R3.003-R3.004-R3.005-R3.006-R3.007-R3.008-R3.009-R3.010-R3.011-R3.012-R3.013-R3.014-R3.015-R3.016-R3.017-R3.018-R3.019-R3.020-R3.021-R3.022-R3.023-R3.024-R3.025-R3.026-R3.027-R3.028-R3.029-R3.030-R3.031-R3.032-R3.033-R3.034-R3.035-R3.036-R3.037-R3.038-R3.039-R3.040-R3.041-R3.042-R3.043-R3.044-R3.045-R3.046-R3.047-R3.048-R3.049-R3.050-R3.051-R3.052-R3.053-R3.054-R3.055-R3.056-R3.057-R3.058-R3.059-R3.060-R3.061-R3.062-R3.063-R3.064-R3.065-R3.066-R3.067-R3.068-R3.069-R3.070-R3.071-R3.072-R3.073-R3.074-R3.075-R3.076-R3.077-R3.078-R3.079-R3.080-R3.081-R3.082-R3.083-R3.084-R3.085-R3.086-R3.087-R3.088-R3.089-R3.090-R3.091-R3.092-R3.093-R3.094-R3.095-R3.096-R3.097-R3.098-R3.099-R3.100-R3.101-R3.102-R3.103-R3.104-R3.105-R3.106-R3.107-R3.108-R3.109-R3.110-R3.111-R3.112-R3.113-R3.114-R3.115-R3.116-R3.117-R3.118-R3.119-R3.120-R3.121-R3.122-R3.123-R3.124-R3.125-R3.126-R3.127-R3.128-R3.129-R3.130-R3.131-R3.132-R3.133-R3.134-R3.135-R3.136-R3.137-R3.138-R3.139-R3.140-R3.141-R3.142-R3.143-R3.144-R3.145-R3.146-R3.147-R3.148-R3.149-R3.150-R3.151-R3.152-R3.153-R3.154-R3.155-R3.156-R3.157-R3.158-R3.159-R3.160-R3.161-R3.162-R3.163-R3.164-R3.165-R3.166-R3.167-R3.168-R3.169-R3.170-R3.171-R3.172-R3.173-R3.174-R3.175-R3.176-R3.177-R3.178-R3.179-R3.180-R3.181-R3.182-R3.183-R3.184-R3.185-R3.186-R3.187-R3.188-R3.189-R3.190-R3.191-R3.192-R3.193-R3.194-R3.195-R3.196-R3.197-R3.198-R3.199-R3.200-R3.201-R3.202-R3.203-R3.204-R3.205-R3.206-R3.207-R3.208-R3.209-R3.210-R3.211-R3.212-R3.213-R3.214-R3.215-R3.216-R3.217-R3.218-R3.219-R3.220-R3.221-R3.222-R3.223-R3.224-R3.225-R3.226-R3.227-R3.228-R3.229-R3.230-R3.231-R3.232-R3.233-R3.234-R3.235-R3.236-R3.237-R3.238-R3.239-R3.240-R3.241-R3.242-R3.243-R3.244-R3.245-R3.246-R3.247-R3.248-R3.249-R3.250-R3.251-R3.252-R3.253-R3.254-R3.255-R3.256-R3.257-R3.258-R3.259-R3.260-R3.261-R3.262-R3.263-R3.264-R3.265-R3.266-R3.267-R3.268-R3.269-R3.270-R3.271-R3.272-R3.273-R3.274-R3.275-R3.276-R3.277-R3.278-R3.279-R3.280-R3.281-R3.282-R3.283-R3.284-R3.285-R3.286-R3.287-R3.288-R3.289-R3.290-R3.291-R3.292-R3.293-R3.294-R3.295-R3.296-R3.297-R3.298-R3.299-R3.300-R3.301-R3.302-R3.303-R3.304-R3.305-R3.306-R3.307-R3.308-R3.309-R3.310-R3.311-R3.312-R3.313-R3.314-R3.315-R3.316-R3.317-R3.318-R3.319-R3.320-R3.321-R3.322-R3.323-R3.324-R3.325-R3.326-R3.327-R3.328-R3.329-R3.330-R3.331-R3.332-R3.333-R3.334-R3.335-R3.336-R3.337-R3.338-R3.339-R3.340-R3.341-R3.342-R3.343-R3.344-R3.345-R3.346-R3.347-R3.348-R3.349-R3.350-R3.351-R3.352-R3.353-R3.354-R3.355-R3.356-R3.357-R3.358-R3.359-R3.360-R3.361-R3.362-R3.363-R3.364-R3.365-R3.366-R3.367-R3.368-R3.369-R3.370-R3.371-R3.372-R3.373-R3.374-R3.375-R3.376-R3.377-R3.378-R3.379-R3.380-R3.381-R3.382-R3.383-R3.384-R3.385-R3.386-R3.387-R3.388-R3.389-R3.390-R3.391-R3.392-R3.393-R3.394-R3.395-R3.396-R3.397-R3.398-R3.399-R3.400-R3.401-R3.402-R3.403-R3.404-R3.405-R3.406-R3.407-R3.408-R3.409-R3.410-R3.411-R3.412-R3.413-R3.414-R3.415-R3.416-R3.417-R3.418-R3.419-R3.420-R3.421-R3.422-R3.423-R3.424-R3.425-R3.426-R3.427-R3.428-R3.429-R3.430-R3.431-R3.432-R3.433-R3.434-R3.435-R3.436-R3.437-R3.438-R3.439-R3.440-R3.441-R3.442-R3.443-R3.444-R3.445-R3.446-R3.447-R3.448-R3.449-R3.450-R3.451-R3.452-R3.453-R3.454-R3.455-R3.456-R3.457-R3.458-R3.459-R3.460-R3.461-R3.462-R3.463-R3.464-R3.465-R3.466-R3.467-R3.468-R3.469-R3.470-R3.471-R3.472-R3.473-R3.474-R3.475-R3.476-R3.477-R3.478-R3.479-R3.480-R3.481-R3.482-R3.483-R3.484-R3.485-R3.486-R3.487-R3.488-R3.489-R3.490-R3.491-R3.492-R3.493-R3.494-R3.495-R3.496-R3.497-R3.498-R3.499-R3.500-R3.501-R3.502-R3.503-R3.504-R3.505-R3.506-R3.507-R3.508-R3.509-R3.510-R3.511-R3.512-R3.513-R3.514-R3.515-R3.516-R3.517-R3.518-R3.519-R3.520-R3.521-R3.522-R3.523-R3.524-R3.525-R3.526-R3.527-R3.528-R3.529-R3.530-R3.531-R3.532-R3.533-R3.534-R3.535-R3.536-R3.537-R3.538-R3.539-R3.540-R3.541-R3.542-R3.543-R3.544-R3.545-R3.546-R3.547-R3.548-R3.549-R3.550-R3.551-R3.552-R3.553-R3.554-R3.555-R3.556-R3.557-R3.558-R3.559-R3.560-R3.561-R3.562-R3.563-R3.564-R3.565-R3.566-R3.567-R3.568-R3.569-R3.570-R3.571-R3.572-R3.573-R3.574-R3.575-R3.576-R3.577-R3.578-R3.579-R3.580-R3.581-R3.582-R3.583-R3.584-R3.585-R3.586-R3.587-R3.588-R3.589-R3.590-R3.591-R3.592-R3.593-R3.594-R3.595-R3.596-R3.597-R3.598-R3.599-R3.600-R3.601-R3.602-R3.603-R3.604-R3.605-R3.606-R3.607-R3.608-R3.609-R3.610-R3.611-R3.612-R3.613-R3.614-R3.615-R3.616-R3.617-R3.618-R3.619-R3.620-R3.621-R3.622-R3.623-R3.624-R3.625-R3.626-R3.627-R3.628-R3.629-R3.630-R3.631-R3.632-R3.633-R3.634-R3.635-R3.636-R3.637-R3.638-R3.639-R3.640-R3.641-R3.642-R3.643-R3.644-R3.645-R3.646-R3.647-R3.648-R3.649-R3.650-R3.651-R3.652-R3.653-R3.654-R3.655-R3.656-R3.657-R3.658-R3.659-R3.660-R3.661-R3.662-R3.663-R3.664-R3.665-R3.666-R3.667-R3.668-R3.669-R3.670-R3.671-R3.672-R3.673-R3.674-R3.675-R3.676-R3.677-R3.678-R3.679-R3.680-R3.681-R3.682-R3.683-R3.684-R3.685-R3.686-R3.687-R3.688-R3.689-R3.690-R3.691-R3.692-R3.693-R3.694-R3.695-R3.696-R3.697-R3.698-R3.699-R3.700-R3.701-R3.702-R3.703-R3.704-R3.705-R3.706-R3.707-R3.708-R3.709-R3.710-R3.711-R3.712-R3.713-R3.714-R3.715-R3.716-R3.717-R3.718-R3.719-R3.720-R3.721-R3.722-R3.723-R3.724-R3.725-R3.726-R3.727-R3.728-R3.729-R3.730-R3.731-R3.732-R3.733-R3.734-R3.735-R3.736-R3.737-R3.738-R3.739-R3.740-R3.741-R3.742-R3.743-R3.744-R3.745-R3.746-R3.747-R3.748-R3.749-R3.750-R3.751-R3.752-R3.753-R3.754-R3.755-R3.756-R3.757-R3	

Permit # _____

As required by Florida Statutes 553.843 and Florida Administrative Code 9B-72, please provide the information and product approval number(s) for the building components listed below as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you do not know the product approval number for any of the applicable listed products. Information regarding statewide product approval may be obtained at: www.floridabuilding.org.

REVISED 2-18-2009

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State 2007W	Design Pressures
A. EXTERIOR DOORS					
1. Swingling	Piastro Inc. / Neuge Plastics Corp.	Fiberglass Dr-Single Fiberglass Dr-w/ Slablike Fiberglass Dr-w/ Dbl Slablike Fiberglass Dr-Single Glazed	Excluded for use in locations reducing to the Pilot-Opening pressure requirements as determined by ACSF 7 Minimum Design Loads for Building and Other Structures.	FL 6184.1 FL 6184.3 FL 6184.5	+43.7 -70 +50 / -50 +50 / -50
2. Sliding	Simmons Windows Florida Excluders	Sliding Glass Doors		FL 6729.1	+50 / -50
3. Sectional				FL 5979.9 FL 5809.2 FL 5809.3	+50 / -50 +45 / -45
4. Roll up	Wayne Dalton Corp.	Garage Doors 120 10' - 16' w/ 9100 / 5120 Garage Doors 140 10' - 16' 9100 / 5120 8' -	As indicated in evaluation report and installation drawings. Not to be used in HVEZ.	FL 9174.3 FL 9174.1 FL 9174.6 FL 9174.5	+515.9 / 52.8 +526.9 / 50.8 +592.4 / 43.7 +452 / -0.6
B. WINDOWS					
1. Single hung	Florida Excluders	Milneson Series 1000	51" x 64" Max Window have and been evaluated for use in High Velocity Hurricane Zones. Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 9262.2	+45 / -45
2. Horizontal slider	Florida Excluders	Milneson Series 1000		FL 9261.1	+43 / -43
3. Fixed	Florida Excluders	Milneson Series 1000		FL 9262.2	+43 / -43
Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State 2007W	Design Pressures
7. Penetration	Florida Excluders	Milneson 1 tube Mail	Excluded for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSF 7 Minimum Design Loads for Building and Other Structures.	FL 3136-R3	60 PSF
9. Mailbox					
10. Wind breaker					
11. Dual section					
12. Other					
C. PARTIAL WALL					
1. Sliding					
2. Section	Alcoa Metal Corp	Quat 4 Aluminum SoHH Systems	For use as section only; Not for use in HVEZ.	FL 4439-R1	62.0 PSF
D. ROOFING					
1. Asphalt shingles	Owens Corning Certain Text Corp.	Asphalt Shingle Asphalt Shingle	This material for use in the HVEZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed.	FL 1067-R1 FL 5444-R1	N/A N/A
2. Underlayment					
3. Roofing fasteners					
4. Nonstructural metal roof					
5. Built-up roofing					
6. Modified bitumen	Polygram USA	Two layer torch down	The most design pressure for the exceed the Zone 1 design pressure determined in accordance with FBC chapter 16.	FL 1634-R4	N/A / -62.5
7. Single ply roofing					

Category/Subcategory	Manufacturer	Product Description	Limitations or Use	Status 2007-8	Dashen Features
8. Flooring tiles					
9. Roofing insulation					
11. Waterproof membranes					
12. Roofing slate					
13. Liquid applied roofing					
14. Cement-adhesive roofings					
15. Sheet applied polyethylene roof	Owens Corning Lemnabo	Rigid Vent ORF Vent Rigid Vent	This Approval not for use in the RVZ's. All ERIC sections that apply to materials except blownd and Mineral-Wool Must be followed.	PL 1072S PL 3172-RJ	N/A N/A
16. Spray applied polyurethane roof					
17. Roof vents					
E. DETAILS					
1. Storm Panels	AIR Building Products Arabian Structures, Inc. Aluhis Hurricane Shutters Inc. KD Manufacturing	a) 6" Galvanized Steel Storm Panels 24 GA OMB; Steel Panel 24 & 32 GA Steel Panel b) KD STORM PANEL	This product may only be installed on concrete, hollow concrete block or masonry walls. It is NOT suitable for installation in the High Velocity Hurricane Zone or State Wind Speed > 140.	PL 1989-R3 PL 5547 PL 4804 PL 2173	+70/-70 N/A N/A N/A
F. STRUCTURAL COMPONENTS					
Wood connector/anchor	United Steel Products	Anchors, Hangers Etc., Structural Components Wood Connectors	Subject to limitations and Installation instructions specified in NOA 05-0109.05.	543-R3, 567-R3, 568-R3, 569-R3, 570-R3, 571-R3, 572-R3, 573-R3, 574-R3, 575-R3, 576-R3, 577-R3, 578-R3, 579-R3, 580-R3, 581-R3, 582-R3, 583-R3, 584-R3, 585-R3, 586-R3, 587-R3, 588-R3, 589-R3, 590-R3, 591-R3, 592-R3, 593-R3, 594-R3, 595-R3, 596-R3, 597-R3, 598-R3, 599-R3, 600-R3, 601-R3, 602-R3, 603-R3, 604-R3, 605-R3, 606-R3, 607-R3, 608-R3, 609-R3, 610-R3, 611-R3, 612-R3, 613-R3, 614-R3, 615-R3, 616-R3, 617-R3, 618-R3, 619-R3, 620-R3, 621-R3, 622-R3, 623-R3, 624-R3, 625-R3, 626-R3, 627-R3, 628-R3, 629-R3, 630-R3, 631-R3, 632-R3, 633-R3, 634-R3, 635-R3, 636-R3, 637-R3, 638-R3, 639-R3, 640-R3, 641-R3, 642-R3, 643-R3, 644-R3, 645-R3, 646-R3, 647-R3, 648-R3, 649-R3, 650-R3, 651-R3, 652-R3, 653-R3, 654-R3, 655-R3, 656-R3, 657-R3, 658-R3, 659-R3, 660-R3, 661-R3, 662-R3, 663-R3, 664-R3, 665-R3, 666-R3, 667-R3, 668-R3, 669-R3, 670-R3, 671-R3, 672-R3, 673-R3, 674-R3, 675-R3, 676-R3, 677-R3, 678-R3, 679-R3, 680-R3, 681-R3, 682-R3, 683-R3, 684-R3, 685-R3, 686-R3, 687-R3, 688-R3, 689-R3, 690-R3, 691-R3, 692-R3, 693-R3, 694-R3, 695-R3, 696-R3, 697-R3, 698-R3, 699-R3, 700-R3, 701-R3, 702-R3, 703-R3, 704-R3, 705-R3, 706-R3, 707-R3, 708-R3, 709-R3, 710-R3, 711-R3, 712-R3, 713-R3, 714-R3, 715-R3, 716-R3, 717-R3, 718-R3, 719-R3, 720-R3, 721-R3, 722-R3, 723-R3, 724-R3, 725-R3, 726-R3, 727-R3, 728-R3, 729-R3, 730-R3, 731-R3, 732-R3, 733-R3, 734-R3, 735-R3, 736-R3, 737-R3, 738-R3, 739-R3, 740-R3, 741-R3, 742-R3, 743-R3, 744-R3, 745-R3, 746-R3, 747-R3, 748-R3, 749-R3, 750-R3, 751-R3, 752-R3, 753-R3, 754-R3, 755-R3, 756-R3, 757-R3, 758-R3, 759-R3, 760-R3, 761-R3, 762-R3, 763-R3, 764-R3, 765-R3, 766-R3, 767-R3, 768-R3, 769-R3, 770-R3, 771-R3, 772-R3, 773-R3, 774-R3, 775-R3, 776-R3, 777-R3, 778-R3, 779-R3, 780-R3, 781-R3, 782-R3, 783-R3, 784-R3, 785-R3, 786-R3, 787-R3, 788-R3, 789-R3, 790-R3, 791-R3, 792-R3, 793-R3, 794-R3, 795-R3, 796-R3, 797-R3, 798-R3, 799-R3, 800-R3, 801-R3, 802-R3, 803-R3, 804-R3, 805-R3, 806-R3, 807-R3, 808-R3, 809-R3, 810-R3, 811-R3, 812-R3, 813-R3, 814-R3, 815-R3, 816-R3, 817-R3, 818-R3, 819-R3, 820-R3, 821-R3, 822-R3, 823-R3, 824-R3, 825-R3, 826-R3, 827-R3, 828-R3, 829-R3, 830-R3, 831-R3, 832-R3, 833-R3, 834-R3, 835-R3, 836-R3, 837-R3, 838-R3, 839-R3, 840-R3, 841-R3, 842-R3, 843-R3, 844-R3, 845-R3, 846-R3, 847-R3, 848-R3, 849-R3, 850-R3, 851-R3, 852-R3, 853-R3, 854-R3, 855-R3, 856-R3, 857-R3, 858-R3, 859-R3, 860-R3, 861-R3, 862-R3, 863-R3, 864-R3, 865-R3, 866-R3, 867-R3, 868-R3, 869-R3, 870-R3, 871-R3, 872-R3, 873-R3, 874-R3, 875-R3, 876-R3, 877-R3, 878-R3, 879-R3, 880-R3, 881-R3, 882-R3, 883-R3, 884-R3, 885-R3, 886-R3, 887-R3, 888-R3, 889-R3, 890-R3, 891-R3, 892-R3, 893-R3, 894-R3, 895-R3, 896-R3, 897-R3, 898-R3, 899-R3, 900-R3, 901-R3, 902-R3, 903-R3, 904-R3, 905-R3, 906-R3, 907-R3, 908-R3, 909-R3, 910-R3, 911-R3, 912-R3, 913-R3, 914-R3, 915-R3, 916-R3, 917-R3, 918-R3, 919-R3, 920-R3, 921-R3, 922-R3, 923-R3, 924-R3, 925-R3, 926-R3, 927-R3, 928-R3, 929-R3, 930-R3, 931-R3, 932-R3, 933-R3, 934-R3, 935-R3, 936-R3, 937-R3, 938-R3, 939-R3, 940-R3, 941-R3, 942-R3, 943-R3, 944-R3, 945-R3, 946-R3, 947-R3, 948-R3, 949-R3, 950-R3, 951-R3, 952-R3, 953-R3, 954-R3, 955-R3, 956-R3, 957-R3, 958-R3, 959-R3, 960-R3, 961-R3, 962-R3, 963-R3, 964-R3, 965-R3, 966-R3, 967-R3, 968-R3, 969-R3, 970-R3, 971-R3, 972-R3, 973-R3, 974-R3, 975-R3, 976-R3, 977-R3, 978-R3, 979-R3, 980-R3, 981-R3, 982-R3, 983-R3, 984-R3, 985-R3, 986-R3, 987-R3, 988-R3, 989-R3, 990-R3, 991-R3, 992-R3, 993-R3, 994-R3, 995-R3, 996-R3, 997-R3, 998-R3, 999-R3, 1000-R3	

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	Designation
2. Truss plates	Miltek Industries Inc.	Truss Connectors	No limitation of use.	FL-2197 RI
3. Engineered lumber				Since 2007a
4. Milling				11710
5. Concrete braces				1183b.
6. Concrete admixtures				1073b, 1166a,
7. Metal nail				9825-RI,
8. Insulation forms				9825-RI,
9. Plylams				1073b, 1166a,
10. Drip-roof				11710
11. Wall				1183b.
12. Sheds				
13. Other	Powers Steel Inc.	Pipehock	Laminle shall not exceed the allowable design load and spans. The laminle shall not be used in a fire resistance rated assembly. The laminle shall be required when using corrosive lumber products in contact with steel laminle. The laminle shall not be used in removed countries at this time.	6224-RI
14. 98XV11GHT19				N/A
15. 3877light				
16. 3877light				
17. 3877light				
18. 3877light				
19. 3877light				
20. 3877light				
21. 3877light				
22. 3877light				
23. 3877light				
24. 3877light				
25. 3877light				
26. 3877light				
27. 3877light				
28. 3877light				
29. 3877light				
30. 3877light				
31. 3877light				
32. 3877light				
33. 3877light				
34. 3877light				
35. 3877light				
36. 3877light				
37. 3877light				
38. 3877light				
39. 3877light				
40. 3877light				
41. 3877light				
42. 3877light				
43. 3877light				
44. 3877light				
45. 3877light				
46. 3877light				
47. 3877light				
48. 3877light				
49. 3877light				
50. 3877light				
51. 3877light				
52. 3877light				
53. 3877light				
54. 3877light				
55. 3877light				
56. 3877light				
57. 3877light				
58. 3877light				
59. 3877light				
60. 3877light				
61. 3877light				
62. 3877light				
63. 3877light				
64. 3877light				
65. 3877light				
66. 3877light				
67. 3877light				
68. 3877light				
69. 3877light				
70. 3877light				
71. 3877light				
72. 3877light				
73. 3877light				
74. 3877light				
75. 3877light				
76. 3877light				
77. 3877light				
78. 3877light				
79. 3877light				
80. 3877light				
81. 3877light				
82. 3877light				
83. 3877light				
84. 3877light				
85. 3877light				
86. 3877light				
87. 3877light				
88. 3877light				
89. 3877light				
90. 3877light				
91. 3877light				
92. 3877light				
93. 3877light				
94. 3877light				
95. 3877light				
96. 3877light				
97. 3877light				
98. 3877light				
99. 3877light				
100. 3877light				

The products listed below do not demonstrate product approval at time of plan review. I understand that before these products can be licensed, they must be submitted for review for each compliance and approved by a plan examiner. This form will be provided to include each new product in the categories listed above and will be highlighted to indicate the new products and required information.

Authorized Project Agent
(Contractor or Design Professional) (Print Name) (Signature)

Company Name: _____

Mailing Address: _____

City _____ State _____ Zip Code _____
Telephone Number (_____) _____ Fax Number (_____) _____
Call Phone Number (_____) _____ E-mail Address _____

City of Port St. Lucie Building Department Approval Submittal Affidavit

Contractor:

Revised 2-23-2009

Building Permit:

Building Address:

Opening Schedule Swing Doors, Overhead Doors, Sliding Doors, Fixed Glass, Windows & Skylights:

Opening ID	Product	Model #	Manufacturer	Glass	Attachment Method	Design Pressures	State Approved #
B	Garage Door 7x16	9100, 5120	Wayne Dalton		Attach door bracket to jam w/ 5/16"x1-5/8" lag screws not to exceed 14" O.C. The 2x6 (jam) anchored by 8" J-bolts @ 24" O.C. Ea. side. Blk- 1/2"x3" lag, 1 5/8" emb.	+39.2 / -43.7	FL 9174.6
D	Garage Door 7x8	9100, 5120	Wayne Dalton		Attach door bracket to jam w/ 5/16"x1-5/8" lag screws not to exceed 14" O.C. The 2x6 (jam) anchored by 8" J-bolts @ 24" O.C. Ea. side. Blk- 1/2"x3" lag, 1 5/8" emb.	+43.2 / -49.6	FL 9174.5
A	Entry Door	Distinction	Paspro Inc.	(SIDELITE TEMP.)	Inswing 3/16" Tapcons @ 15" O.C. w/ 1-1/2" Embedment	+50 / -50	FL 6164
A	Windows w/ All 1x Wood Bucks	Series 1000 Single Hung	Florida Extruders / Milestone	See floor plan	(3) 3/16" x 2 1/4" Tapcons w/ 1-1/4" Min. Embedment @ 24" O.C. Max. DETAILS FOR ATTACHMENT OF 1x WOOD BUCK TO BLOCK	+45 / -45	FL 9262
A	Sliding Glass Door	Series 1000 SGD	Florida Extruders / Milestone	TEMP.	#10 x 1-3/4" screws to 2x wood buck w/ 1-1/2" Embedment @ top and sides. 3/16" x 1-3/4" Tapcons @ Threshold SEE DETAILS FOR ATTACHMENT OF 2x WOOD BUCK BLOCK	+45 / -45	FL 9409
A	Windows w/ All 1x Wood Bucks	Series 1000 Horizontal Slider	Florida Extruders / Milestone	See floor plan	(3) 3/16" x 2 1/4" Tapcons w/ 1-1/4" Min. Embedment @ 24" O.C. Max. DETAILS FOR ATTACHMENT OF 1x WOOD BUCK TO BLOCK	+45 / -45	FL 9236
A	Windows w/ 1x Wood bucks and Boxtop / Archies using 2x Wood Bucks	Series 1000 Fixed	Florida Extruders / Milestone	See floor plan	(3) 3/16" x 3-1/4" Tapcons (w- 1 1/4" Min. Embedment) @ 24" O.C. Max. @ 1x 1-1/2" Min. Embedment @ 2x Wood Buck and #10 Screw w/ 1-1/2" Min. Embedment @ 2x Wood Buck SEE DETAILS FOR ATTACHMENT OF ALL WOOD BUCKS TO BLOCK	+45 / -45	FL 9242
A	Windows w/ 2x Frame Wall	Series 1000 Single Hung	Florida Extruders / Milestone	See floor plan	(3) 10x1-3/4 Screws w/ 1-1/2" Min Embedment @ 24" O.C. Max.	+45 / -45	FL 9262

Building Design Pressures	
A	+ 35.3 / -39.2
B	+ 29.7 / -33.1
C	+ 35.3 / -47.2
D	+ 31.0 / -35.1

Product	Model #	Manufacturer	Frame	Attachment Method	Design Pressures	State Approved #
Mullions	FLA-45	FLORIDA EXTRUDERS / MILESTONE	Block-	(2) #10 x 3/4" Panhead w/ 1 1/2" Min. Embedment (2) 1/4" x 2-1/4" Tapcons w/ 1 1/4" min. Embedment Window Frame to Mull#10 x 3/4" Screw	+45 / -45	FL3136-R3
Roof	CLASSIC	OWENS CORNING		8 x 1 1/4" 11-12 GA WV3/8" Head Roofing Nails Staple thru Soffit 8" oc 3/8" wide x 5/8" length. T-Nail (5/8" long into block or 1 3/8" Long into Stucco over Block) or Staple 3/8" wide x 5/8" Length into wood @ 16" oc thru Channel. 1 1/4" SS Trim Nail thru Fascia @ 48" oc.	46.71 Psf	FL 10674-R1
Soffit	16" Vented Soffit QUAD	ALSCO METAL CORP.				FL 4459 R1
Hurricane Panels	Galvalined Steel Non-Porous Storm Panels	ASI BUILDING PRODUCTS	Block-Frame-	1/4" Rawl Calk-in @ 12.5" O.C. w/ 7/8" Embedment 7/16" Brass Bushing & 1/4" 20 Screw @ 12.5" O.C. w/ 5/8" Embedment	+ 70 / - 70	FL 7969 R2

SELECTION OF THE PRODUCTS LISTED ARE BASED ON THE FLORIDA PRODUCT APPROVALS
ON THE FLORIDA PRODUCT APPROVALS
RESPECTIVE MANUFACTURER'S LABEL AND
SOLE RESPONSIBILITY FOR THEIR PRODUCTS.



FLORIDA THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION 803 OF THE FLORIDA BUILDING CODE 2007. I, PRESIDENT, ALL CORRECTIONS HAVE BEEN CHECKED TO MEET AND ALL AVAILABLE LOADS EXPOSURE & ENCLOSED BUILDING.

REVISIONS:	
10-29-07	UPDATE LISTS
01-21-08	UPDATE ROLL UP DOORS
04-14-08	ADDED POWERS STEEL LINTELS
09-19-08	ADDED MANUF. ENGRS NOTE
02-23-2009	UPDATED FOR 2007 CODES

PSL PRODUCT AFFIDAVIT

FBC / FRC 2007 CODES

DRAWN BY: GARAGE: RELEASE DATE: MARCH 1, 2009

SHEET:



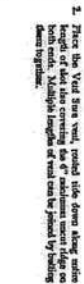
Yeast Store Standard, Yeast Store Low Profile, Yeast Store Mega Yeast & Yeast

Mechanical attachment of bridges and systems over composite abutments

1. Distance between the two sets of data



2. After the water has been removed, the ridge is ready for construction. The aluminum 2" (5 mm) or 3-1/2" (ridge pole) wide slot (1" was or 3-1/4" ridge pole on each side) of the ridge(s). A minimum of 6" must be left over on each end of the ridge. Once the slot is cut and any overlapping slabs covering the ridge are cleaned and removed, the ridge is ready for vent installation.



2. Place the Veil Shawl, folded side down along entire length of skirt also covering the 4" abdominal waist ridge on both ends. Multiple lengths of veil can be joined by twisting seams to finish.



3. Fold apart a 3" or 5-1/4" precast section of the floor roadway. Using construction adhesive or sealant caulk, insert the endcap into the end of the wheel. Using flow (4) 2" galvanized roofing nails, attach vent to the roof deck by driving a nail in each of the two corners on both sides of the vent, and a nail in each side through the foam cap.



4. Slide the end detector between the vest and the roof along the inside edge of the two placement sockets align with edge of vest. Drive 2 additional 2" roofing nails on each side of the vest to hold the detector in place. If the 90° or hoop-type vest is being furnished, then repeat this process along the entire length of the vest.



After years use over windows, on large storage, pinroom, and east wind roofing skills in a common overlapping pattern. Nails should be approximately 5" apart and long enough to penetrate the wood roof deck at least 1/2". Against this procedure small vents have been installed over all roof ridges.

2:12

5:12

Thank you for your participation in purchasing the LOMANCO 7700 Flood Vent. The 7700 is an exhaust vent that will help eliminate damaging heat and moisture from your attic when properly installed with brass vents.

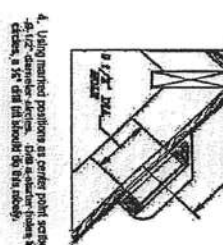
READ THESE INSTRUCTIONS CAREFULLY
BEFORE STARTING INSTALLATION

production of the Laminated TPO Roof Vent enclosure with all four edges and flanges.

WARNING: Sharp edges are exposed during installation. Use gloves and other appropriate safety equipment to avoid injury.

Il est possible de le faire, mais il faut être sûr de la qualité des données.

Also, it may be in fact a pair of acoustically open air vents at the edge of the house. You also want to consider vents on the roof itself. If you are installing two vents, locate each one 1/4 the distance from each end of the roof. When installing three vents, locate one in the center and the other two the distance from each end of roof.)



4. Using marked positions as center point, scribe a circle with a radius of 1/2" (12.7 mm) on the outside of the plate. This circle is the center of the hole to be drilled.

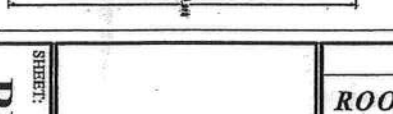


COPYRIGHT ©2005 MARONDA

Maronda

1000 20th St. S.E. Atlanta, GA 30316

6. **Correctly handling** robbing means that you try to get the money out of the robber's hands as quickly as possible so that the taking of the loot itself will cause serious pain to him.



Maronda Homes

Copyright © 2005 MARIONDA HOMES

Maronda Homes

1000 20th Ave. S.E. • Marietta, GA 30066 • 770.426.1000 • www.marondahomes.com

1 of 2

DRAWN BY:	GARAGE:
RELEASE DATE:	

RVD

Florida Product Approval # FL10758

Florida Product Approval # FL3792-R3

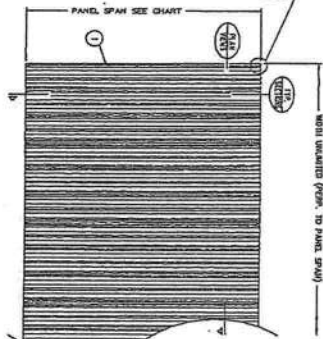
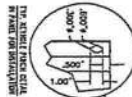


ANCHORSafe
ANCHORING SYSTEMS
ANCHORING SYSTEMS
ANCHORING SYSTEMS

28 RAISER RAIL, STEEL

DIRECT MOUNT

1. THE RAIL SHALL BE WELDED TO THE ANCHOR AS SHOWN IN THE DETAIL.
2. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
3. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
4. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
5. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
6. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
7. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
8. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
9. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
10. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.

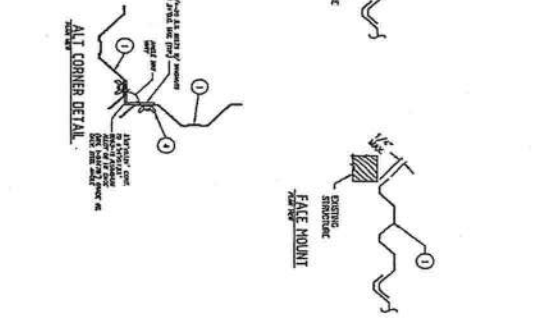
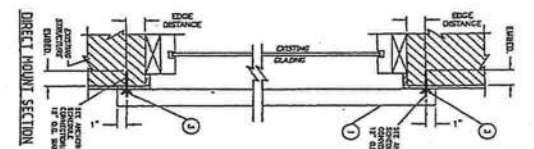


SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

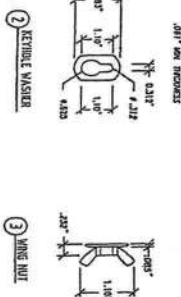
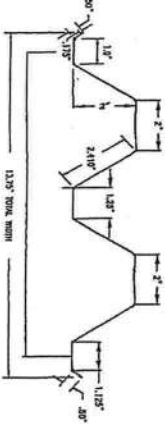
SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

FLORIDA APPROVAL #EL 7989-R2



SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR



SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

1. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
2. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
3. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
4. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
5. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
6. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
7. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
8. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
9. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.
10. THE ANCHOR SHALL BE WELDED TO THE CONCRETE OR MASONRY AS SHOWN IN THE DETAIL.

SHEET 1	
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR
ANCHOR	ANCHOR

REVISIONS	
NO.	DESCRIPTION

ALSCO METALS CORPORATION
3101 Poplarwood Court, Suite 200
Raleigh, NC 27615

Panel Walls

Evaluation Method:

Method 1: Products specifically addressed in the FBC through performance criteria and standardized testing or comparative rational analysis methods.

Statements:

The Quad aluminum soffit system, as produced by ALSCO METALS CORPORATION, has demonstrated compliance with the wind load requirements of the Florida Building Code through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations. / Conditions of Use set forth herein.

References

Section	Property	Standard	Year
1404.5.1	Specification	AMM 1402	1986
Antib.	Reference	AMM 1402-86, Method 4	06/29/00
Certified Testing Labs	CLIA-1243W1	AMM 1402-86, Method 4	06/29/00
Certified Testing Labs	CLIA-1243W	AMM 1402-86, Method 4	06/29/00
PF5 Corp.	Quality Assurance	Inspection	Current

Product / System Description:

Quality Assurance Documentation: PFS Corporation (QQA 1689). Continued documentation comes in the form of product / literature labeling in accordance with PFS Corporation labeling requirements.

Installation Requirements

1. The Quad 4 solite system shall be installed in accordance with AISC® published requirements for welded connections. The steel plates shall be subject to the minimum requirements of AISC 360-16 and the UnifiedASCE Conditions of Use, respectively.
2. For F-clamped installation at CMU block, shall be minimum 0.937-inch diameter of steel plate.
3. Suitable for F-clamped, J-clamped and corner installation shall be minimum 5/8-inch long x 3/8-inch thick steel plate for minimum 24-inch minimum embedment.
4. Crown staples made of 0.044 x 0.050 inch wire.
5. Nails for end and fascia cap installation at the fascia side shall be 1w-inch long, #15 gauge with 1/16-inch diameter head.

Limitations / Conditions of Use

1. This Evaluation Report is not for use within the HWZ.
2. Installation must meet the minimum ventilation requirements of FBC Section 1303.2 and AAVA 1402-06, Section 511.4.
3. All mechanical systems shall have documented compliance with the sealing criteria of AAVA 1402-06, Test Method 43.
4. Unimetric testing is used but performance as provided in Appendix C, 3a. The wind speed performance equivalent is limited to an average height less than or equal to 30 feet. For elevations exceeding this HEC-Curve 16 can provide a more realistic basis for comparison to wind load resistance data in accordance with AAVA 1402-06.

Certification of Independence

1. END Bank *will not* have *not* need to *be* intend to *acquire or will it acquire*, a financial interest in any company manufacturing or distributing products it evaluates.
2. END Bank *is not owned, operated or controlled* by any company manufacturing or distributing products it evaluates.
3. Robert Newman, P.E. *does not* have *not* will *acquire*, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Newman, P.E. *does not have*, *not will acquire*, a financial interest in any other entity involved in the appraisal process of the product.

Respectfully submitted,

Robert Mierinen, P.E.
Florida Reg. No. 59166
General Manager, ERD East
rbertm@erd.com

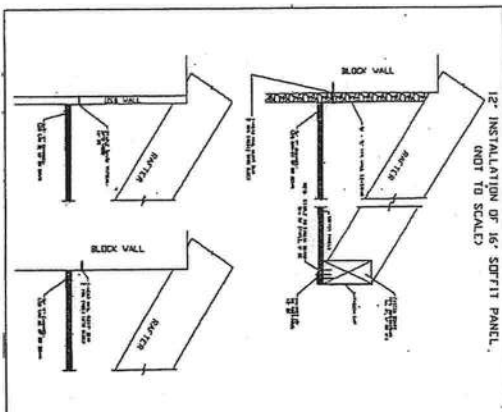
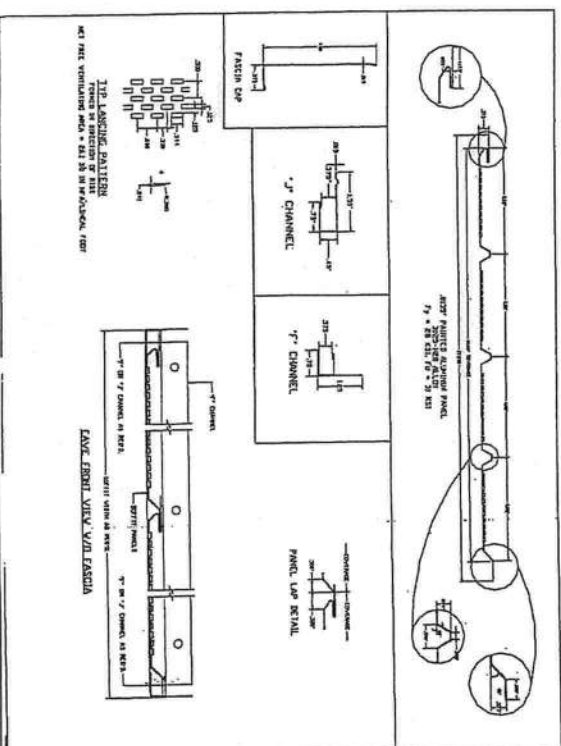
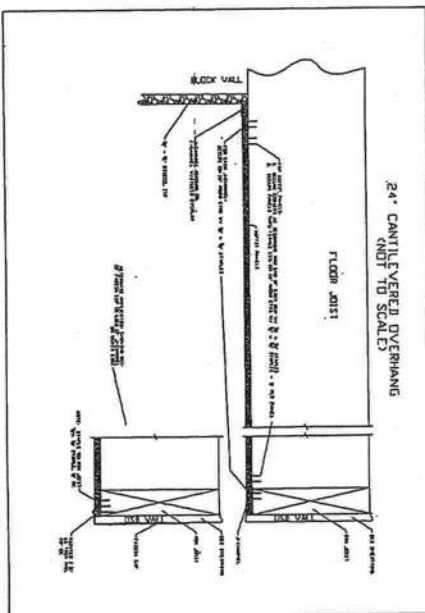


This does not serve as an electronically signed document.
* Outgoing signed a sealed hardcopies Northwesterly via co-eth-

Main Office: 1412 7th Ave. W. • Suite 101 • Seattle, WA 98119 • Voice (206) 467-8054 • Fax (206) 467-5868
EMD East: 2 Mattoon Road • Waterbury, CT 06708 • Voice (203) 876-7884 • Fax (203) 566-7058
Laboratory: 609 W. Nicholson St. • Seattle, WA 98119 • Voice (206) 279-5628 • Fax (206) 278-2120

[illegible]

Florida Product Approval # FL4459-R1

[illegible]

REVISIONS :
2-16-09 Updated to Code

COPYRIGHT © 2002 MARIONDA HONES

Maronda Homes

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

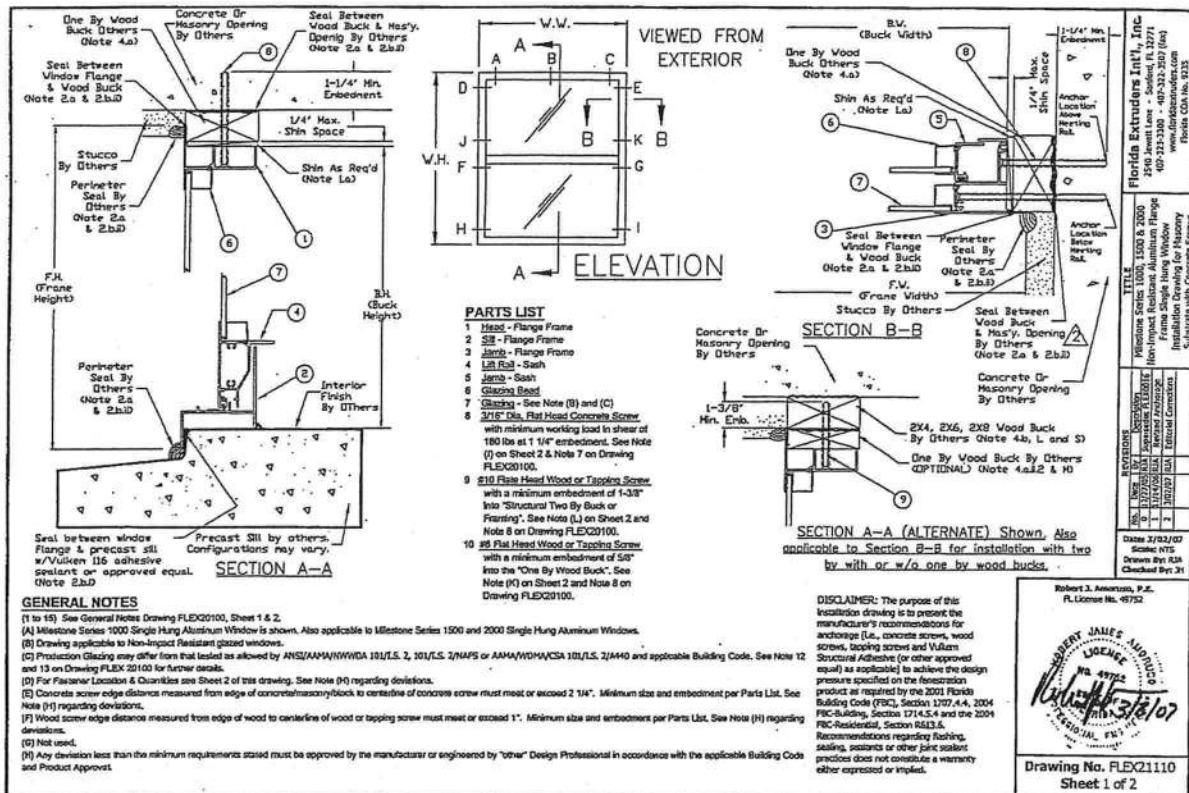
SOFFIT VENTED DETAILS

RELEASE DATE:

SHEET:

AS

July 29, 2008



FASTENER LOCATION TABLE (see Elevation View)					
Site Code	Buck		Concrete Screw Location		
	Width	Height	Head	Jamb	
12	18 1/8	25	A, C	D, E, F, G, H, I	
13	18 1/8	37 3/8	A, C	D, E, F, G, H, I	
14	18 1/8	49 5/8	A, C	D, E, F, G, H, I	
14S	18 1/8	55 1/4	A, C	D, E, F, G, H, I	
15	18 1/8	62	A, C	D, E, F, G, H, I, J, K	
16	18 1/8	71	A, C	D, E, F, G, H, I, J, K	
17	18 1/8	83	A, C	D, E, F, G, H, I, J, K	
1H2	25 1/2	25	A, C	D, E, F, G, H, I	
1H3	25 1/2	37 3/8	A, C	D, E, F, G, H, I	
1H4	25 1/2	49 5/8	A, C	D, E, F, G, H, I	
1H4S	25 1/2	55 1/4	A, C	D, E, F, G, H, I	
1H5	25 1/2	62	A, C	D, E, F, G, H, I	
1H6	25 1/2	71	A, C	D, E, F, G, H, I, J, K	
1H7	25 1/2	83	A, C	D, E, F, G, H, I, J, K	
3H2	29 1/2	25	A, C	D, E, F, G, H, I	
3H3	29 1/2	37 3/8	A, C	D, E, F, G, H, I	
3H4	29 1/2	49 5/8	A, C	D, E, F, G, H, I	
3H4S	29 1/2	55 1/4	A, C	D, E, F, G, H, I	
3H5	29 1/2	62	A, C	D, E, F, G, H, I	
3H6	29 1/2	71	A, C	D, E, F, G, H, I, J, K	
3H7	29 1/2	83	A, C	D, E, F, G, H, I, J, K	
22	36	25	A, C	D, E, F, G, H, I	
23	36	37 3/8	A, C	D, E, F, G, H, I	
24	36	49 5/8	A, C	D, E, F, G, H, I	
24S	36	55 1/4	A, C	D, E, F, G, H, I	
25	36	62	A, C	D, E, F, G, H, I	
26	36	71	A, C	D, E, F, G, H, I, J, K	
27	36	83	A, C	D, E, F, G, H, I, J, K	
482	47	25	A, B, C	D, E, F, G, H, I	
483	47	37 3/8	A, B, C	D, E, F, G, H, I	
484	47	49 5/8	A, B, C	D, E, F, G, H, I	
484S	47	55 1/4	A, B, C	D, E, F, G, H, I	
485	47	62	A, B, C	D, E, F, G, H, I	
486	47	71	A, B, C	D, E, F, G, H, I, J, K	
487	47	83	A, B, C	D, E, F, G, H, I, J, K	
32	52 1/8	25	A, B, C	D, E, F, G, H, I	
33	52 1/8	37 3/8	A, B, C	D, E, F, G, H, I	
34	52 1/8	49 5/8	A, B, C	D, E, F, G, H, I	
34S	52 1/8	55 1/4	A, B, C	D, E, F, G, H, I	
35	52 1/8	62	A, B, C	D, E, F, G, H, I	
36	52 1/8	71	A, B, C	D, E, F, G, H, I, J, K	
37 (Note 1)	52 1/8	83	A, B, C	D, E, F, G, H, I, J, K	

Notes 1) Only applicable to Series 2000.

FASTENER INSTALLATION INSTRUCTIONS - FLEX21110

3/16" DIA. CONCRETE SCREW WITH NON-STRUCTURAL ONE BY WOOD BUCK:

- (I) Where window is installed in an opening with a non-structural one by wood buck for the head and jamb and masonry or concrete sill, installation is as follows:
- At the head and jamb, use a 3/16" diameter concrete screw of sufficient length to achieve minimum embedment of 1-1/4" into masonry or concrete. See "Parts List" on Sheet 1 of this drawing for concrete screw size, embedment and load requirements. See FLEX20100, Note 7 for additional concrete screw requirements.
 - At the sill, apply a Structural Adhesive Sealant meeting the requirements of Note 2.b.i on FLEX20100 for the full length of the sill.

- (J) See fastener location table this sheet for concrete screw locations and any additional installation requirements.

- (K) Any remaining factory applied installation fastener hole in the head at location "B" not used for concrete screw installation per the fastener location table shall be filled with a #8 wood screws of sufficient length to provide min. 5/8" embedment into wood buck. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment requirements. See FLEX20100, Note 8 for additional wood screw requirements.

#10 WOOD SCREW WITH STRUCTURAL TWO BY WOOD BUCK AND OPTIONAL ONE BY WOOD BUCK (SECTION A-A ALTERNATE ILLUSTRATES THIS OPTION, SIMILAR FOR SECTION B-B):

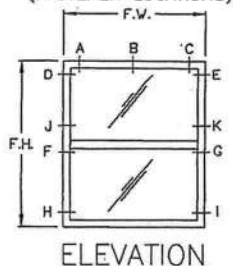
- (L) Where window is installed in an opening with a structural two by wood buck for the head and jamb and a masonry or concrete sill, installation is as follows:
- At the head and jamb, use #10 wood screws of sufficient length to achieve 1-3/8" min. embedment into the two by wood buck. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment. See FLEX20100, Note 8 for additional wood screw requirements.
 - At the sill, apply a Structural Adhesive Sealant meeting the requirements of Note 2.b.i on FLEX20100 for the full length of the sill.

- (M) If a two by and one by wood buck are used together (See Section A-A Alternate, similar for Section B-B), then #10 wood screws of sufficient length to achieve 1-3/8" min. embedment into the two by wood buck will be used and the one by wood buck will be secured to the two by wood buck as required in Note 4.a.i.2 on drawing FLEX20100.

- (N) #10 wood screws shall be installed at all factory applied installation fastener hole locations.

- (O) Wood screws shall not be used to fasten assembly into the end grain of wood.

VIEWED FROM EXTERIOR (FASTENER LOCATIONS)



DESIGN PRESSURE RATING & FBC CODE COMPLIANCE

- (P) If exact window size is not listed in fastener installation table, use fastener quantity listed for next larger size.

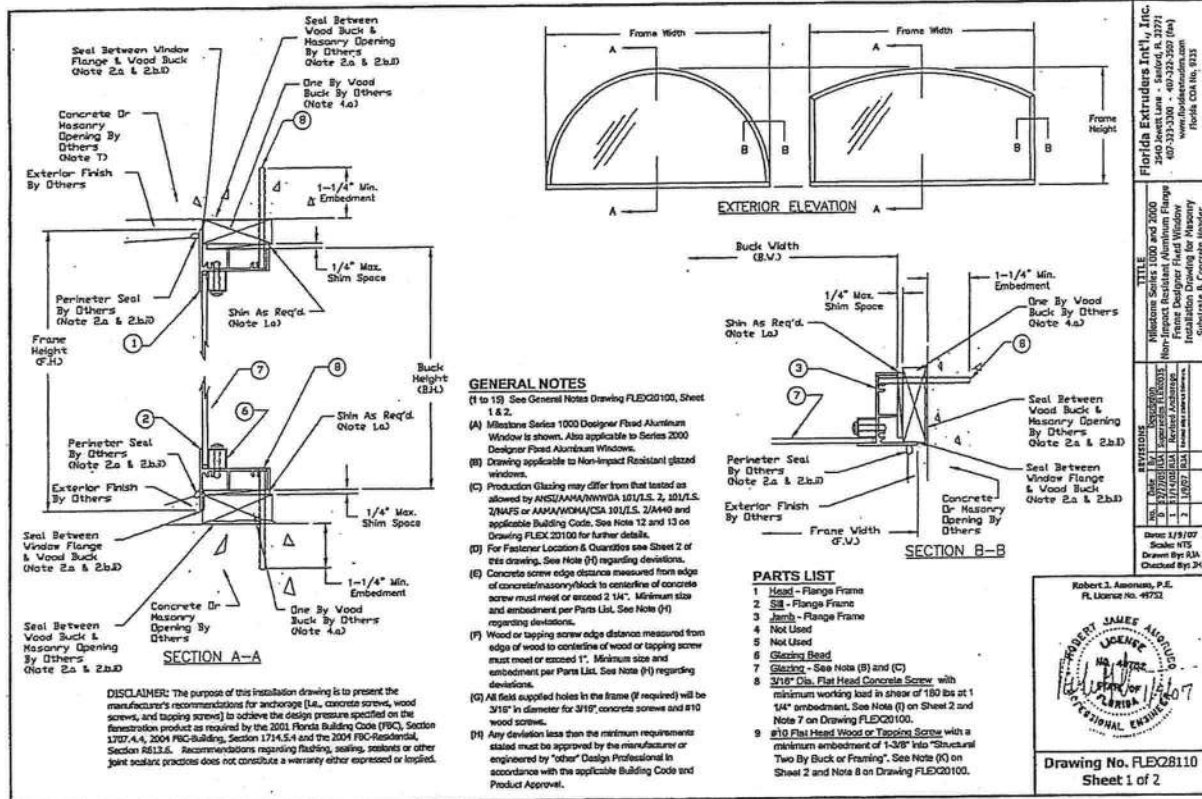
- (Q) Installations depicted in these instructions acceptable for design pressures to 70 PSF for the window sizes shown in the table. Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than that shown in the fastener location table and shall be determined in accordance with Note 13 of FLEX20100.

- (R) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWDA 101/LS, 2, 101/LS, 2/NAPS or AAMA/WDMA/CSA 101/LS, 2/M40 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.

- (S) Two by wood buck and/or framing at the head and jamb to be securely fastened to transfer the load to the masonry, concrete or other structural substrate per the FBC and the engineer of record's details as applicable.

- (T) See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.

Drawing No. FLEX21110
Sheet 2 of 2



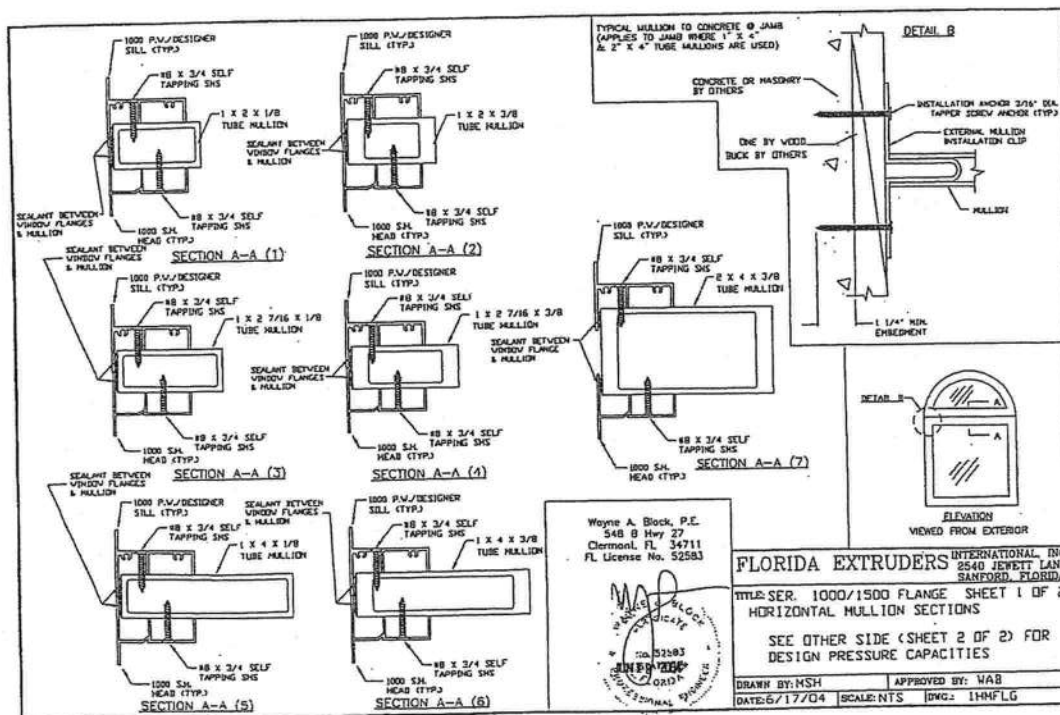
Florida Extruders Int'l., Inc.
2540 West Lake - Sanford, FL 32771
407-333-2357
www.floridextruders.com
Florida CDA No. 9235

REVISIONS
1. 1/17/07
2. 1/17/07
3. 1/17/07
4. 1/17/07
5. 1/17/07
6. 1/17/07
7. 1/17/07
8. 1/17/07
9. 1/17/07
10. 1/17/07
11. 1/17/07
12. 1/17/07
13. 1/17/07
14. 1/17/07
15. 1/17/07
16. 1/17/07
17. 1/17/07
18. 1/17/07
19. 1/17/07
20. 1/17/07
21. 1/17/07
22. 1/17/07
23. 1/17/07
24. 1/17/07
25. 1/17/07
26. 1/17/07
27. 1/17/07
28. 1/17/07
29. 1/17/07
30. 1/17/07
31. 1/17/07
32. 1/17/07
33. 1/17/07
34. 1/17/07
35. 1/17/07
36. 1/17/07
37. 1/17/07
38. 1/17/07
39. 1/17/07
40. 1/17/07
41. 1/17/07
42. 1/17/07
43. 1/17/07
44. 1/17/07
45. 1/17/07
46. 1/17/07
47. 1/17/07
48. 1/17/07
49. 1/17/07
50. 1/17/07
51. 1/17/07
52. 1/17/07
53. 1/17/07
54. 1/17/07
55. 1/17/07
56. 1/17/07
57. 1/17/07
58. 1/17/07
59. 1/17/07
60. 1/17/07
61. 1/17/07
62. 1/17/07
63. 1/17/07
64. 1/17/07
65. 1/17/07
66. 1/17/07
67. 1/17/07
68. 1/17/07
69. 1/17/07
70. 1/17/07
71. 1/17/07
72. 1/17/07
73. 1/17/07
74. 1/17/07
75. 1/17/07
76. 1/17/07
77. 1/17/07
78. 1/17/07
79. 1/17/07
80. 1/17/07
81. 1/17/07
82. 1/17/07
83. 1/17/07
84. 1/17/07
85. 1/17/07
86. 1/17/07
87. 1/17/07
88. 1/17/07
89. 1/17/07
90. 1/17/07
91. 1/17/07
92. 1/17/07
93. 1/17/07
94. 1/17/07
95. 1/17/07
96. 1/17/07
97. 1/17/07
98. 1/17/07
99. 1/17/07
100. 1/17/07
101. 1/17/07
102. 1/17/07
103. 1/17/07
104. 1/17/07
105. 1/17/07
106. 1/17/07
107. 1/17/07
108. 1/17/07
109. 1/17/07
110. 1/17/07
111. 1/17/07
112. 1/17/07
113. 1/17/07
114. 1/17/07
115. 1/17/07
116. 1/17/07
117. 1/17/07
118. 1/17/07
119. 1/17/07
120. 1/17/07
121. 1/17/07
122. 1/17/07
123. 1/17/07
124. 1/17/07
125. 1/17/07
126. 1/17/07
127. 1/17/07
128. 1/17/07
129. 1/17/07
130. 1/17/07
131. 1/17/07
132. 1/17/07
133. 1/17/07
134. 1/17/07
135. 1/17/07
136. 1/17/07
137. 1/17/07
138. 1/17/07
139. 1/17/07
140. 1/17/07
141. 1/17/07
142. 1/17/07
143. 1/17/07
144. 1/17/07
145. 1/17/07
146. 1/17/07
147. 1/17/07
148. 1/17/07
149. 1/17/07
150. 1/17/07
151. 1/17/07
152. 1/17/07
153. 1/17/07
154. 1/17/07
155. 1/17/07
156. 1/17/07
157. 1/17/07
158. 1/17/07
159. 1/17/07
160. 1/17/07
161. 1/17/07
162. 1/17/07
163. 1/17/07
164. 1/17/07
165. 1/17/07
166. 1/17/07
167. 1/17/07
168. 1/17/07
169. 1/17/07
170. 1/17/07
171. 1/17/07
172. 1/17/07
173. 1/17/07
174. 1/17/07
175. 1/17/07
176. 1/17/07
177. 1/17/07
178. 1/17/07
179. 1/17/07
180. 1/17/07
181. 1/17/07
182. 1/17/07
183. 1/17/07
184. 1/17/07
185. 1/17/07
186. 1/17/07
187. 1/17/07
188. 1/17/07
189. 1/17/07
190. 1/17/07
191. 1/17/07
192. 1/17/07
193. 1/17/07
194. 1/17/07
195. 1/17/07
196. 1/17/07
197. 1/17/07
198. 1/17/07
199. 1/17/07
200. 1/17/07
201. 1/17/07
202. 1/17/07
203. 1/17/07
204. 1/17/07
205. 1/17/07
206. 1/17/07
207. 1/17/07
208. 1/17/07
209. 1/17/07
210. 1/17/07
211. 1/17/07
212. 1/17/07
213. 1/17/07
214. 1/17/07
215. 1/17/07
216. 1/17/07
217. 1/17/07
218. 1/17/07
219. 1/17/07
220. 1/17/07
221. 1/17/07
222. 1/17/07
223. 1/17/07
224. 1/17/07
225. 1/17/07
226. 1/17/07
227. 1/17/07
228. 1/17/07
229. 1/17/07
230. 1/17/07
231. 1/17/07
232. 1/17/07
233. 1/17/07
234. 1/17/07
235. 1/17/07
236. 1/17/07
237. 1/17/07
238. 1/17/07
239. 1/17/07
240. 1/17/07
241. 1/17/07
242. 1/17/07
243. 1/17/07
244. 1/17/07
245. 1/17/07
246. 1/17/07
247. 1/17/07
248. 1/17/07
249. 1/17/07
250. 1/17/07
251. 1/17/07
252. 1/17/07
253. 1/17/07
254. 1/17/07
255. 1/17/07
256. 1/17/07
257. 1/17/07
258. 1/17/07
259. 1/17/07
260. 1/17/07
261. 1/17/07
262. 1/17/07
263. 1/17/07
264. 1/17/07
265. 1/17/07
266. 1/17/07
267. 1/17/07
268. 1/17/07
269. 1/17/07
270. 1/17/07
271. 1/17/07
272. 1/17/07
273. 1/17/07
274. 1/17/07
275. 1/17/07
276. 1/17/07
277. 1/17/07
278. 1/17/07
279. 1/17/07
280. 1/17/07
281. 1/17/07
282. 1/17/07
283. 1/17/07
284. 1/17/07
285. 1/17/07
286. 1/17/07
287. 1/17/07
288. 1/17/07
289. 1/17/07
290. 1/17/07
291. 1/17/07
292. 1/17/07
293. 1/17/07
294. 1/17/07
295. 1/17/07
296. 1/17/07
297. 1/17/07
298. 1/17/07
299. 1/17/07
300. 1/17/07
301. 1/17/07
302. 1/17/07
303. 1/17/07
304. 1/17/07
305. 1/17/07
306. 1/17/07
307. 1/17/07
308. 1/17/07
309. 1/17/07
310. 1/17/07
311. 1/17/07
312. 1/17/07
313. 1/17/07
314. 1/17/07
315. 1/17/07
316. 1/17/07
317. 1/17/07
318. 1/17/07
319. 1/17/07
320. 1/17/07
321. 1/17/07
322. 1/17/07
323. 1/17/07
324. 1/17/07
325. 1/17/07
326. 1/17/07
327. 1/17/07
328. 1/17/07
329. 1/17/07
330. 1/17/07
331. 1/17/07
332. 1/17/07
333. 1/17/07
334. 1/17/07
335. 1/17/07
336. 1/17/07
337. 1/17/07
338. 1/17/07
339. 1/17/07
340. 1/17/07
341. 1/17/07
342. 1/17/07
343. 1/17/07
344. 1/17/07
345. 1/17/07
346. 1/17/07
347. 1/17/07
348. 1/17/07
349. 1/17/07
350. 1/17/07
351. 1/17/07
352. 1/17/07
353. 1/17/07
354. 1/17/07
355. 1/17/07
356. 1/17/07
357. 1/17/07
358. 1/17/07
359. 1/17/07
360. 1/17/07
361. 1/17/07
362. 1/17/07
363. 1/17/07
364. 1/17/07
365. 1/17/07
366. 1/17/07
367. 1/17/07
368. 1/17/07
369. 1/17/07
370. 1/17/07
371. 1/17/07
372. 1/17/07
373. 1/17/07
374. 1/17/07
375. 1/17/07
376. 1/17/07
377. 1/17/07
378. 1/17/07
379. 1/17/07
380. 1/17/07
381. 1/17/07
382. 1/17/07
383. 1/17/07
384. 1/17/07
385. 1/17/07
386. 1/17/07
387. 1/17/07
388. 1/17/07
389. 1/17/07
390. 1/17/07
391. 1/17/07
392. 1/17/07
393. 1/17/07
394. 1/17/07
395. 1/17/07
396. 1/17/07
397. 1/17/07
398. 1/17/07
399. 1/17/07
400. 1/17/07
401. 1/17/07
402. 1/17/07
403. 1/17/07
404. 1/17/07
405. 1/17/07
406. 1/17/07
407. 1/17/07
408. 1/17/07
409. 1/17/07
410. 1/17/07
411. 1/17/07
412. 1/17/07
413. 1/17/07
414. 1/17/07
415. 1/17/07
416. 1/17/07
417. 1/17/07
418. 1/17/07
419. 1/17/07
420. 1/17/07
421. 1/17/07
422. 1/17/07
423. 1/17/07
424. 1/17/07
425. 1/17/07
426. 1/17/07
427. 1/17/07
428. 1/17/07
429. 1/17/07
430. 1/17/07
431. 1/17/07
432. 1/17/07
433. 1/17/07
434. 1/17/07
435. 1/17/07
436. 1/17/07
437. 1/17/07
438. 1/17/07
439. 1/17/07
440. 1/17/07
441. 1/17/07
442. 1/17/07
443. 1/17/07
444. 1/17/07
445. 1/17/07
446. 1/17/07
447. 1/17/07
448. 1/17/07
449. 1/17/07
450. 1/17/07
451. 1/17/07
452. 1/17/07
453. 1/17/07
454. 1/17/07
455. 1/17/07
456. 1/17/07
457. 1/17/07
458. 1/17/07
459. 1/17/07
460. 1/17/07
461. 1/17/07
462. 1/17/07
463. 1/17/07
464. 1/17/07
465. 1/17/07
466. 1/17/07
467. 1/17/07
468. 1/17/07
469. 1/17/07
470. 1/17/07
471. 1/17/07
472. 1/17/07
473. 1/17/07
474. 1/17/07
475. 1/17/07
476. 1/17/07
477. 1/17/07
478. 1/17/07
479. 1/17/07
480. 1/17/07
481. 1/17/07
482. 1/17/07
483. 1/17/07
484. 1/17/07
485. 1/17/07
486. 1/17/07
487. 1/17/07
488. 1/17/07
489. 1/17/07
490. 1/17/07
491. 1/17/07
492. 1/17/07
493. 1/17/07
494. 1/17/07
495. 1/17/07
496. 1/17/07
497. 1/17/07
498. 1/17/07
499. 1/17/07
500. 1/17/07
501. 1/17/07
502. 1/17/07
503. 1/17/07
504. 1/17/07
505. 1/17/07
506. 1/17/07
507. 1/17/07
508. 1/17/07
509. 1/17/07
510. 1/17/07
511. 1/17/07
512. 1/17/07
513. 1/17/07
514. 1/17/07
515. 1/17/07
516. 1/17/07
517. 1/17/07
518. 1/17/07
519. 1/17/07
520. 1/17/07
521. 1/17/07
522. 1/17/07
523. 1/17/07
524. 1/17/07
525. 1/17/07
526. 1/17/07
527. 1/17/07
528. 1/17/07
529. 1/17/07
530. 1/17/07
531. 1/17/07
532. 1/17/07
533. 1/17/07
534. 1/17/07
535. 1/17/07
536. 1/17/07
537. 1/17/07
538. 1/17/07
539. 1/17/07
540. 1/17/07
541. 1/17/07
542. 1/17/07
543. 1/17/07
544. 1/17/07
545. 1/17/07
546. 1/17/07
547. 1/17/07
548. 1/17/07
549. 1/17/07
550. 1/17/07
551. 1/17/07
552. 1/17/07
553. 1/17/07
554. 1/17/07
555. 1/17/07
556. 1/17/07
557. 1/17/07
558. 1/17/07
559. 1/17/07
560. 1/17/07
561. 1/17/07
562. 1/17/07
563. 1/17/07
564. 1/17/07
565. 1/17/07
566. 1/17/07
567. 1/17/07
568. 1/17/07
569. 1/17/07
570. 1/17/07
571. 1/17/07
572. 1/17/07
573. 1/17/07
574. 1/17/07
575. 1/17/07
576. 1/17/07
577. 1/17/07
578. 1/17/07
579. 1/17/07
580. 1/17/07
581. 1/17/07
582. 1/17/07
583. 1/17/07
584. 1/17/07
585. 1/17/07
586. 1/17/07
587. 1/17/07
588. 1/17/07
589. 1/17/07
590. 1/17/07
591. 1/17/07
592. 1/17/07
593. 1/17/07
594. 1/17/07
595. 1/17/07
596. 1/17/07
597. 1/17/07
598. 1/17/07
599. 1/17/07
600. 1/17/07
601. 1/17/07
602. 1/17/07
603. 1/17/07
604. 1/17/07
605. 1/17/07
606. 1/17/07
607. 1/17/07
608. 1/17/07
609. 1/17/07
610. 1/17/07
611. 1/17/07
612. 1/17/07
613. 1/17/07
614. 1/17/07
615. 1/17/07
616. 1/17/07
617. 1/17/07
618. 1/17/07
619. 1/17/07
620. 1/17/07
621. 1/17/07
622. 1/17/07
623. 1/17/07
624. 1/17/07
625. 1/17/07
626. 1/17/07
627. 1/17/07
628. 1/17/07
629. 1/17/07
630. 1/17/07
631. 1/17/07
632. 1/17/07
633. 1/17/07
634. 1/17/07
635. 1/17/07
636. 1/17/07
637. 1/17/07
638. 1/17/07
639. 1/17/07
640. 1/17/07
641. 1/17/07
642. 1/17/07
643. 1/17/07
644. 1/17/07
645. 1/17/07
646. 1/17/07
647. 1/17/07
648. 1/17/07
649. 1/17/07
650. 1/17/07
651. 1/17/07
652. 1/17/07
653. 1/17/07
654. 1/17/07
655. 1/17/07
656. 1/17/07
657. 1/17/07
658. 1/17/07
659. 1/17/07
660. 1/17/07
661. 1/17/07
662. 1/17/07
663. 1/17/07
664. 1/17/07
665. 1/17/07
666. 1/17/07
667. 1/17/07
668. 1/17/07
669. 1/17/07
670. 1/17/07
671. 1/17/07
672. 1/17/07
673. 1/17/07
674. 1/17/07
675. 1/17/07
676. 1/17/07
677. 1/17/07
678. 1/17/07
679. 1/17/07
680. 1/17/07
681. 1/17/07
682. 1/17/07
683. 1/17/07
684. 1/17/07
685. 1/17/07
686. 1/17/07
687. 1/17/07
688. 1/17/07
689. 1/17/07
690. 1/17/07
691. 1/17/07
692. 1/17/07
693. 1/17/07
694. 1/17/07
695. 1/17/07
696. 1/17/07
697. 1/17/07
698. 1/17/07
699. 1/17/07
700. 1/17/07
701. 1/17/07
702. 1/17/07
703. 1/17/07
704. 1/17/07
705. 1/17/07
706. 1/17/07
707. 1/17/07
708. 1/17/07
709. 1/17/07
710. 1/17/07
711. 1/17/07
712. 1/17/07
713. 1/17/07
714. 1/17/07
715. 1/17/07
716. 1/17/07
717. 1/17/07
718. 1/17/07
719. 1/17/07
720. 1/17/07
721. 1/17/07
722. 1/17/07
723. 1/17/07
724. 1/17/07
725. 1/17/07
726. 1/17/07
727. 1/17/07
728. 1/17/07
729. 1/17/07
730. 1/17/07
731. 1/17/07
732. 1/17/07
733. 1/17/07
734. 1/17/07
735. 1/17/07
736. 1/17/07
737. 1/17/07
738. 1/17/07
739. 1/17/07
740. 1/17/07
741. 1/17/07
742. 1/17/07
743. 1/17/07
744. 1/17/07
745. 1/17/07
746. 1/17/07
747. 1/17/07
748. 1/17/07
749. 1/17/07
750. 1/17/07
751. 1/17/07
752. 1/17/07
753. 1/17/07
754. 1/17/07
755. 1/17/07
756. 1/17/07
757. 1/17/07
758. 1/17/07
759. 1/17/07
760. 1/17/07
761. 1/17/07
762. 1/17/07
763. 1/17/07
764. 1/17/07
765. 1/17/07
766. 1/17/07
767. 1/17/07
768. 1/17/07
769. 1/17/07
770. 1/17/07
771. 1/17/07
772. 1/17/07
773. 1/17/07
774. 1/17/07
775. 1/17/07
776. 1/17/07
777. 1/17/07
778. 1/17/07
779. 1/17/07
780. 1/17/07
781. 1/17/07
782. 1/17/07
783. 1/17/07
784. 1/17/07
785. 1/17/07
786. 1/17/07
787. 1/17/07
788. 1/17/07
789. 1/17/07
790. 1/17/07
791. 1/17/07
792. 1/17/07
793. 1/17/07
794. 1/17/07
795. 1/17/07
796. 1/17/07
797. 1/17/07
798. 1/17/07
799. 1/17/07
800. 1/17/07
801. 1/17/07
802. 1/17/07
803. 1/17/07
804. 1/17/07
805. 1/17/07
806. 1/17/07
807. 1/17/07
808. 1/17/07
809. 1/17/07
810. 1/17/07
811. 1/17/07
812. 1/17/07
813. 1/17/07
814. 1/17/07
815. 1/1

FASTENER QUANTITIES TABLE (See Elevation View which depicts for illustrative purposes only maximum number of fasteners in Head & Jamb)

Series 1000 Horizontal Slider OX - OX Configuration				
Size Code	Frame (1)		Fastener Quantities (2)	
	Width	Height	Head	Jamba
1142	28 1/2	28	4	2
1143	28 1/2	38 3/8	4	2
1144	28 1/2	50 5/8	4	2
1145	28 1/2	62 1/4	4	2
1146	28 1/2	74	4	2
1147	28 1/2	86 1/4	4	2
1148	28 1/2	98 1/4	4	2
1149	28 1/2	110 1/4	4	2
1150	28 1/2	122 1/4	4	2
1151	28 1/2	134 1/4	4	2
1152	28 1/2	146 1/4	4	2
1153	28 1/2	158 1/4	4	2
1154	28 1/2	170 1/4	4	2
1155	28 1/2	182 1/4	4	2
1156	28 1/2	194 1/4	4	2
1157	28 1/2	206 1/4	4	2
1158	28 1/2	218 1/4	4	2
1159	28 1/2	230 1/4	4	2
1160	28 1/2	242 1/4	4	2
1161	28 1/2	254 1/4	4	2
1162	28 1/2	266 1/4	4	2
1163	28 1/2	278 1/4	4	2
1164	28 1/2	290 1/4	4	2
1165	28 1/2	302 1/4	4	2
1166	28 1/2	314 1/4	4	2
1167	28 1/2	326 1/4	4	2
1168	28 1/2	338 1/4	4	2
1169	28 1/2	350 1/4	4	2
1170	28 1/2	362 1/4	4	2
1171	28 1/2	374 1/4	4	2
1172	28 1/2	386 1/4	4	2
1173	28 1/2	398 1/4	4	2
1174	28 1/2	410 1/4	4	2
1175	28 1/2	422 1/4	4	2
1176	28 1/2	434 1/4	4	2
1177	28 1/2	446 1/4	4	2
1178	28 1/2	458 1/4	4	2
1179	28 1/2	470 1/4	4	2
1180	28 1/2	482 1/4	4	2
1181	28 1/2	494 1/4	4	2
1182	28 1/2	506 1/4	4	2
1183	28 1/2	518 1/4	4	2
1184	28 1/2	530 1/4	4	2
1185	28 1/2	542 1/4	4	2
1186	28 1/2	554 1/4	4	2
1187	28 1/2	566 1/4	4	2
1188	28 1/2	578 1/4	4	2
1189	28 1/2	590 1/4	4	2
1190	28 1/2	602 1/4	4	2
1191	28 1/2	614 1/4	4	2
1192	28 1/2	626 1/4	4	2
1193	28 1/2	638 1/4	4	2
1194	28 1/2	650 1/4	4	2
1195	28 1/2	662 1/4	4	2
1196	28 1/2	674 1/4	4	2
1197	28 1/2	686 1/4	4	2
1198	28 1/2	698 1/4	4	2
1199	28 1/2	710 1/4	4	2
1200	28 1/2	722 1/4	4	2
1201	28 1/2	734 1/4	4	2
1202	28 1/2	746 1/4	4	2
1203	28 1/2	758 1/4	4	2
1204	28 1/2	770 1/4	4	2
1205	28 1/2	782 1/4	4	2
1206	28 1/2	794 1/4	4	2
1207	28 1/2	806 1/4	4	2
1208	28 1/2	818 1/4	4	2
1209	28 1/2	830 1/4	4	2
1210	28 1/2	842 1/4	4	2
1211	28 1/2	854 1/4	4	2
1212	28 1/2	866 1/4	4	2
1213	28 1/2	878 1/4	4	2
1214	28 1/2	890 1/4	4	2
1215	28 1/2	902 1/4	4	2
1216	28 1/2	914 1/4	4	2
1217	28 1/2	926 1/4	4	2
1218	28 1/2	938 1/4	4	2
1219	28 1/2	950 1/4	4	2
1220	28 1/2	962 1/4	4	2
1221	28 1/2	974 1/4	4	2
1222	28 1/2	986 1/4	4	2
1223	28 1/2	998 1/4	4	2
1224	28 1/2	1010 1/4	4	2
1225	28 1/2	1022 1/4	4	2
1226	28 1/2	1034 1/4	4	2
1227	28 1/2	1046 1/4	4	2
1228	28 1/2	1058 1/4	4	2
1229	28 1/2	1070 1/4	4	2
1230	28 1/2	1082 1/4	4	2
1231	28 1/2	1094 1/4	4	2
1232	28 1/2	1106 1/4	4	2
1233	28 1/2	1118 1/4	4	2
1234	28 1/2	1130 1/4	4	2
1235	28 1/2	1142 1/4	4	2
1236	28 1/2	1154 1/4	4	2
1237	28 1/2	1166 1/4	4	2
1238	28 1/2	1178 1/4	4	2
1239	28 1/2	1190 1/4	4	2
1240	28 1/2	1202 1/4	4	2
1241	28 1/2	1214 1/4	4	2
1242	28 1/2	1226 1/4	4	2
1243	28 1/2	1238 1/4	4	2
1244	28 1/2	1250 1/4	4	2
1245	28 1/2	1262 1/4	4	2
1246	28 1/2	1274 1/4	4	2
1247	28 1/2	1286 1/4	4	2
1248	28 1/2	1298 1/4	4	2
1249	28 1/2	1310 1/4	4	2
1250	28 1/2	1322 1/4	4	2
1251	28 1/2	1334 1/4	4	2
1252	28 1/2	1346 1/4	4	2
1253	28 1/2	1358 1/4	4	2
1254	28 1/2	1370 1/4	4	2
1255	28 1/2	1382 1/4	4	2
1256	28 1/2	1394 1/4	4	2
1257	28 1/2	1406 1/4	4	2
1258	28 1/2	1418 1/4	4	2
1259	28 1/2	1430 1/4	4	2
1260	28 1/2	1442 1/4	4	2
1261	28 1/2	1454 1/4	4	2
1262	28 1/2	1466 1/4	4	2
1263	28 1/2	1478 1/4	4	2
1264	28 1/2	1490 1/4	4	2
1265	28 1/2	1502 1/4	4	2
1266	28 1/2	1514 1/4	4	2
1267	28 1/2	1526 1/4	4	2
1268	28 1/2	1538 1/4	4	2
1269	28 1/2	1550 1/4	4	2
1270	28 1/2	1562 1/4	4	2
1271	28 1/2	1574 1/4	4	2
1272	28 1/2	1586 1/4	4	2
1273	28 1/2	1598 1/4	4	2
1274	28 1/2	1610 1/4	4	2
1275	28 1/2	1622 1/4	4	2
1276	28 1/2	1634 1/4	4	2
1277	28 1/2	1646 1/4	4	2
1278	28 1/2	1658 1/4	4	2
1279	28 1/2	1670 1/4	4	2
1280	28 1/2	1682 1/4	4	2
1281	28 1/2	1694 1/4	4	2
1282	28 1/2	1706 1/4	4	2
1283	28 1/2	1718 1/4	4	2
1284	28 1/2	1730 1/4	4	2
1285	28 1/2	1742 1/4	4	2
1286	28 1/2	1754 1/4	4	2
1287	28 1/2	1766 1/4	4	2
1288	28 1/2	1778 1/4	4	2
1289	28 1/2	1790 1/4	4	2
1290	28 1/2	1802 1/4	4	2
1291	28 1/2	1814 1/4	4	2
1292	28 1/2	1826 1/4	4	2
1293	28 1/2	1838 1/4	4	2
1294	28 1/2	1850 1/4	4	2
1295	28 1/2	1862 1/4	4	2
1296	28 1/2	1874 1/4	4	2
1297	28 1/2	1886 1/4	4	2
1298	28 1/2	1898 1/4	4	2
1299	28 1/2	1910 1/4	4	2
1300	28 1/2	1922 1/4	4	2
1301	28 1/2	1934 1/4	4	2
1302	28 1/2	1946 1/4	4	2
1303	28 1/2	1958 1/4	4	2
1304	28 1/2	1970 1/4	4	2
1305	28 1/2	1982 1/4	4	2
1306	28 1/2	1994 1/4	4	2
1307	28 1/2	2006 1/4	4	2
1308	28 1/2	2018 1/4	4	2
1309	28 1/2	2030 1/4	4	2
1310	28 1/2	2042 1/4	4	2
1311	28 1/2	2054 1/4	4	2
1312	28 1/2	2066 1/4	4	2
1313	28 1/2	2078 1/4	4	2
1314	28 1/2	2090 1/4	4	2
1315	28 1/2	2102 1/4	4	2
1316	28 1/2	2114 1/4	4	2
1317	28 1/2	2126 1/4	4	2
1318	28 1/2	2138 1/4	4	2
1319	28 1/2	2150 1/4	4	2
1320	28 1/2	2162 1/4	4	2
1321	28 1/2	2174 1/4	4	2
1322	28 1/2	2186 1/4	4	2
1323	28 1/2	2198 1/4	4	2
1324	28 1/2	2210 1/4	4	2
1325	28 1/2	2222 1/4	4	2
1326	28 1/2	2234 1/4	4	2
1327	28 1/2	2246 1/4	4	2
1328	28 1/2	2258 1/4	4	2
1329	28 1/2	2270 1/4	4	2
1330	28 1/2	2282 1/4	4	2
1331	28 1/2	2294 1/4	4	2
1332	28 1/2	2306 1/4	4	2
1333	28 1/2	2318 1/4	4	2
1334	28 1/2	2330 1/4	4	2
1335	28 1/2	2342 1/4	4	2
1336	28 1/2	2354 1/4	4	2
1337	28 1/2	2366 1/4	4	2
1338	28 1/2	2378 1/4	4	2
1339	28 1/2	2390 1/4	4	2
1340	28 1/2	2402 1/4	4	2
1341	28 1/2	2414 1/4	4	2
1342	28 1/2	2426 1/4	4	2
1343	28 1/2	2438 1/4	4	2
1344	28 1/2	2450 1/4	4	2
1345	28 1/2	2462 1/4	4	2
1346	28 1/2	2474 1/4	4	2
1347	28 1/2	2486 1/4	4	2
1348	28 1/2	2498 1/4	4	2
1349	28 1/2	2510 1/4	4	2
1350	28 1/2	2522 1/4	4	2
1351	28 1/2	2534 1/4	4	2
1352	28 1/2	2546 1/4	4	2
1353	28 1/2	2558 1/4	4	2
1354	28 1/2	2570 1/4	4	2
1355	28 1/2	2582 1/4	4	2
1356	28 1/2	2594 1/4	4	2
1357	28 1/2	2606 1/4	4	2
1358	28 1/2	2618 1/4	4	2
1359	28 1/2	2630 1/4	4	2
1360	28 1/2	2642 1/4	4	2
1361	28 1/2	2654 1/4	4	2
1362	28 1/2	2666 1/4	4	2
1363	28 1/2	2678 1/4	4	2
1364	28 1/2	2690 1/4	4	2
1365	28 1/2	2702 1/4	4	2
1366	28 1/2	2714 1/4	4	2
1367	28 1/2	2726 1/4	4	2
1368	28 1/2	2738 1/4	4	2
1369	28 1/2	2750 1/4	4	2
1370	28 1/2	2762 1/4	4	2
1371	28 1/2	2774 1/4	4	2
1372	28 1/2	2786 1/4	4	2
1373	28 1/2	2798 1/4	4	2
1374	28 1/2			

MILLIONS



SHEET:

FLORIDA EXTRUDERS
WINDOWS IN BLOCK
5 of 6

09/03/08

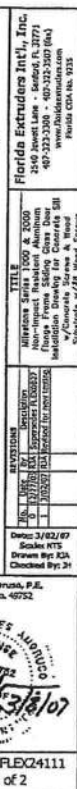
COPYRIGHT © 2002 WARONDA HOWES

Maronda Homes

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

REVISIONS :

2-16-09 Updated to Code.



GENERAL NOTES

(1) to 15) See General Notes Drawing FLECD10010, Sheet 1 & 2 .

(A) Milestone Series 1000 Sliding Glass Door is shown. Also applicable to Milestone Series 2000 Sliding Glass Door.

(B) Drawing applicable to Non-Insetted Resistant Sliding Glass Doors glazed with 3/16" fully tempered glass. See Note (V).

(C) Where "X" represents moving panel and "D" represents fixed panel, approved configurations are as listed on the fastener installation chart on Sheet 2.

(D) Not all configurations listed on the fastener chart are shown on this drawing, however installation sections "A-A", "B-B" & Hook Strip Detail apply to installation of all approved configurations.

(E) For pocket door configurations, use closest by-dimension door size and configuration in the chart to the finished opening of the pocket door.

(F) Concrete screw edge distance measured from edge of concrete/masonry/block to centerline of concrete screw must meet or exceed 2 1/4". Minimum size and embedment per Parts List. See Note (1) regarding deviations.

(G) Wood or tapping screw edge distance measured from edge of wood receiving the point to centerline of wood or tapping screw must meet or exceed 1 1/2". Minimum size and embedment per Parts List. See Note (1) regarding deviations.

(H) All Nailed applied holes in the frame (if required) will be 3/16" in diameter.

(I) Wood screw withdrawal values used to generate the fastening requirements are based on Spruce-Pine-Fir with a Specific Gravity of 0.50. See Note (2) regarding deviations.

(J) Any deviation less than the minimum requirements stated must be approved by the manufacturer or engineered by "other" Design Professional in accordance with the applicable Building Code and Product Approval.

FASTENER INSTALLATION INSTRUCTIONS - FLECD1111

3/16" DIA. CONCRETE SCREW WITH SILL:

(A) Where door is installed in an opening with a masonry or concrete sill, use a 3/16" diameter concrete screw of sufficient length to achieve minimum embedment of 1-1/4" into masonry or concrete. See "Parts List" on Sheet 1 of this drawing for concrete screw size, embedment and load requirements. See FLECD10010, Note 7 for additional concrete screw requirements.

(B) See fastener installation chart for details of concrete screw size and embedment and additional installation requirements.

(C) Install one concrete screw in each pair of factory applied installation holes unless noted otherwise on the fastener installation chart. It is acceptable to install a 3/16" diameter concrete screw with a 1-1/4" embedment in all holes in the sill which will exceed the minimum requirements of the Fastener Installation Chart.

(D) Alternate concrete screw fastener installation fasteners front to back in the sill frame member when both sets of holes are not used.

(E) All remaining factory applied installation fastener holes in the sill not used for concrete screw fasteners shall be anchored with plastic anchors (See FLECD10010, Note 8) for details) and #8 wood screws of sufficient length to provide min. 7/8" in. embedment into the concrete or masonry. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment requirements. See FLECD10010, Note 8 for additional wood screw requirements.

#8 WOOD SCREW WITH STRUCTURAL TWO BY WOOD BUCK FOR HEAD, JAMBS AND POCKET DOOR HOOK STRIP:

(F) Where the head, jambs and pocket door hook strip is installed in a wood opening with a structural two by wood buck and/or framing, use #8 wood screws of sufficient length to achieve 1-1/8" embedment into the two by wood buck and/or framing receiving the point of fastener application. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment requirements. See FLECD10010, Note 8 for additional wood screw requirements.

(G) See fastener installation chart this sheet for #8 wood screw requirements in Jambs(s), head and hook strip.

(H) Not used.

(I) Wood screws shall not be used to fasten assembly into end grain of wood.

DESIGN PRESSURE RATING & FRC CODE COMPLIANCE

(T) If exact door size is not listed in fastener installation chart, use fastener quantity listed for next larger size, for the appropriate design pressure require.

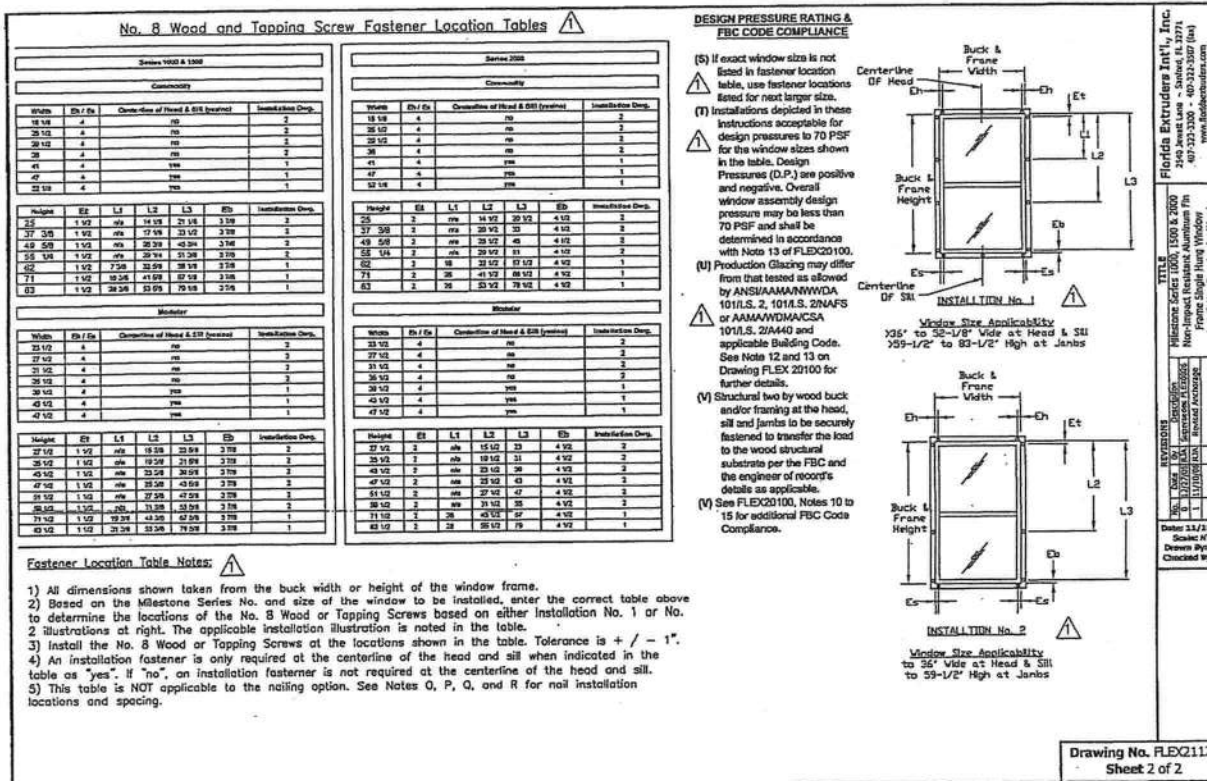
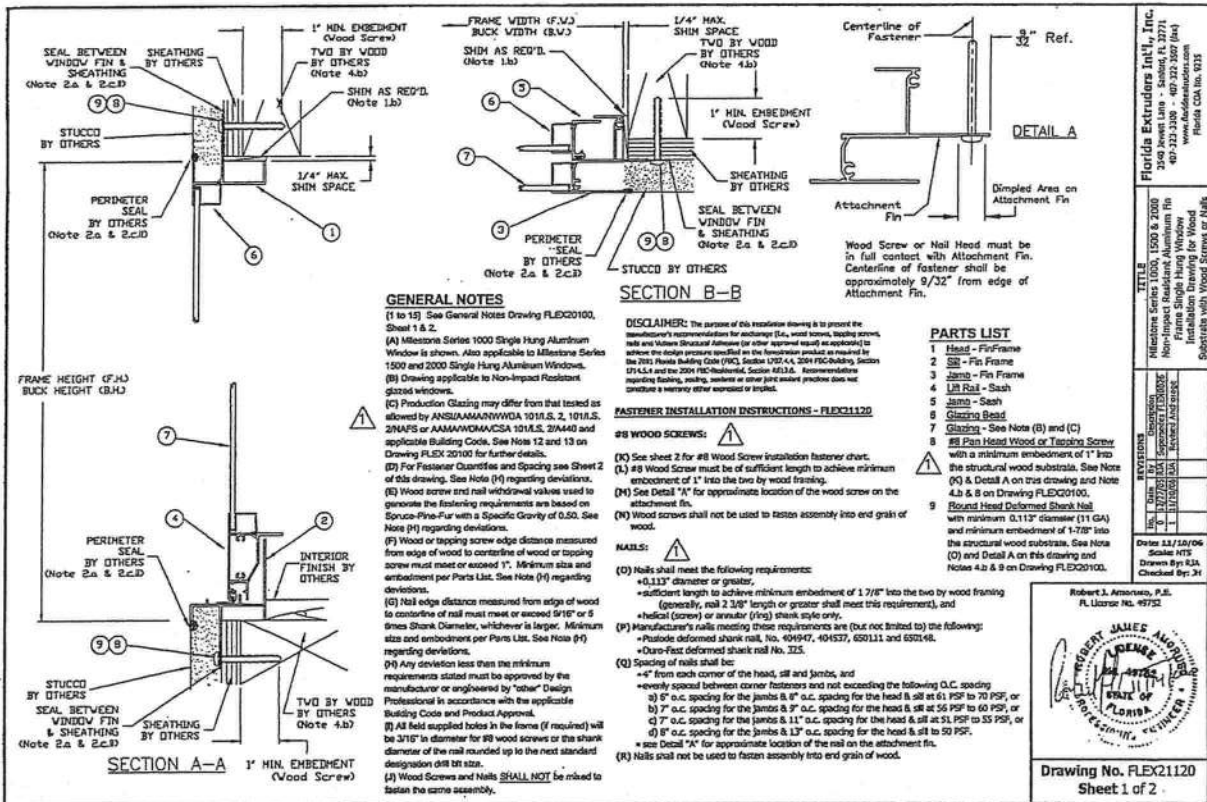
(U) Installations depicted in these instructions acceptable for design pressures to 55 PSF for the window sizes shown in the chart. Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than that shown in the fastener quantity table and shall be determined in accordance with Note 13 of FLECD10010.

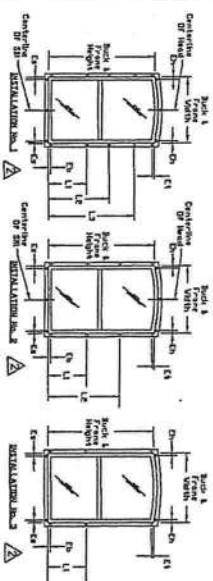
(V) Installation details differ from that tested or approved by AIA/ANMA/ANWMA 101/LS-2, 101/LS-2/NAPS or ALLOWANCE/ANCA 101/LS-2/M40 and applicable Building Code. See Note 12 and 13 on Drawing FLECD 20100 for further details.

(W) Two by wood and/or framing to be securely fastened to transfer the load to the masonry, concrete or other structural substrate per the FRC and the engineer of record's details as applicable.

(X) See FLECD10010, Notes 10 to 15 for additional FRC Code Compliance.

Drawing No. FLECD1111
Sheet 2 of 2





See table on Sheet 3 for Series 1000 & 1500 Commodity and Modular Window Sashes
See table on Sheet 4 for Series 2000 Commodity and Modular Window Sashes

[illegible]

DISCRIPTION OF THE COMPLAINT

- [illegible]

Drawing No. FLDQ22120
Sheet 2 of 4

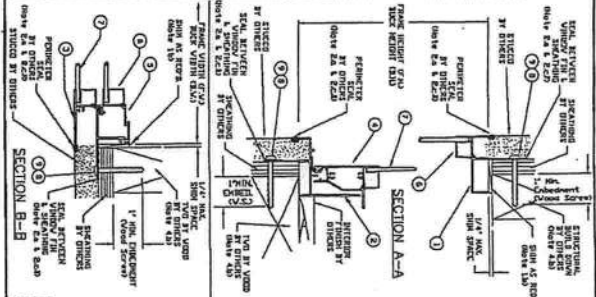
[illegible]

No. 8 Wood and Joisting Screw Fastener Location Tables - Series 1000 & 1500 Single Hung Full and Half Radius Head Window

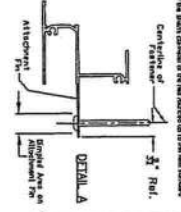
[illegible]

See Sheet 2 for fastener installation illustrations showing locations of fastener spacing dimensions E4, E5, E6, E7, E8, L1, L2, L3 and centerline of head/all requirements shown in the tables above.

Drawing No. FLE022120
Sheet 3 of 4



GENERAL NOTES:
(1 to 15) See General Notes Drawing M-070101, Sheet 1 & 2.
(16) Reference: Federal Road District Road and Road Alignment for
the proposed road.

[illegible]DELTA
PARTS LIST
1 Year - Lifetime

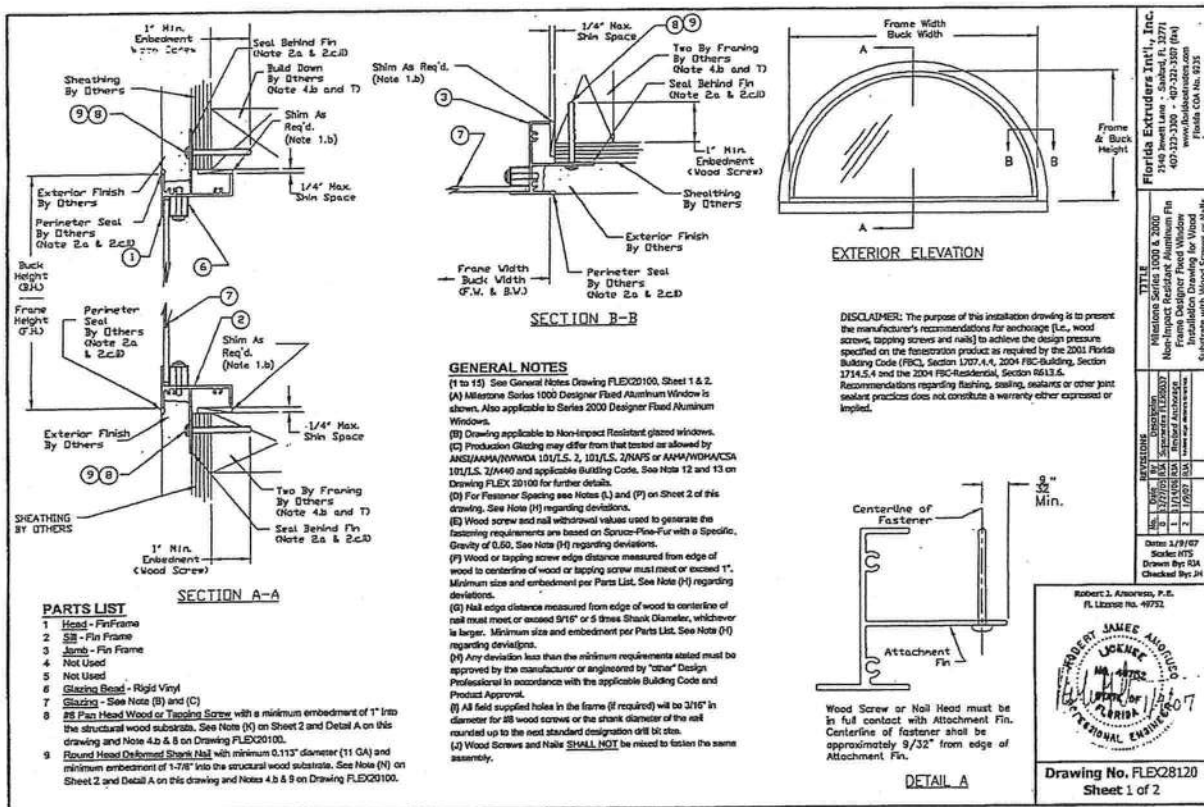
1. **201** - My Name
2. **202** - My Name
3. **203** - My Name
4. **204** - My Name
5. **205** - My Name
6. **206** - My Name
7. **207** - My Name
8. **208** - My Name
9. **209** - My Name
10. **210** - My Name
11. **211** - My Name
12. **212** - My Name
13. **213** - My Name
14. **214** - My Name
15. **215** - My Name
16. **216** - My Name
17. **217** - My Name
18. **218** - My Name
19. **219** - My Name
20. **220** - My Name
21. **221** - My Name
22. **222** - My Name
23. **223** - My Name
24. **224** - My Name
25. **225** - My Name
26. **226** - My Name
27. **227** - My Name
28. **228** - My Name
29. **229** - My Name
30. **230** - My Name
31. **231** - My Name
32. **232** - My Name
33. **233** - My Name
34. **234** - My Name
35. **235** - My Name
36. **236** - My Name
37. **237** - My Name
38. **238** - My Name
39. **239** - My Name
40. **240** - My Name
41. **241** - My Name
42. **242** - My Name
43. **243** - My Name
44. **244** - My Name
45. **245** - My Name
46. **246** - My Name
47. **247** - My Name
48. **248** - My Name
49. **249** - My Name
50. **250** - My Name
51. **251** - My Name
52. **252** - My Name
53. **253** - My Name
54. **254** - My Name
55. **255** - My Name
56. **256** - My Name
57. **257** - My Name
58. **258** - My Name
59. **259** - My Name
60. **260** - My Name
61. **261** - My Name
62. **262** - My Name
63. **263** - My Name
64. **264** - My Name
65. **265** - My Name
66. **266** - My Name
67. **267** - My Name
68. **268** - My Name
69. **269** - My Name
70. **270** - My Name
71. **271** - My Name
72. **272** - My Name
73. **273** - My Name
74. **274** - My Name
75. **275** - My Name
76. **276** - My Name
77. **277** - My Name
78. **278** - My Name
79. **279** - My Name
80. **280** - My Name
81. **281** - My Name
82. **282** - My Name
83. **283** - My Name
84. **284** - My Name
85. **285** - My Name
86. **286** - My Name
87. **287** - My Name
88. **288** - My Name
89. **289** - My Name
90. **290** - My Name
91. **291** - My Name
92. **292** - My Name
93. **293** - My Name
94. **294** - My Name
95. **295** - My Name
96. **296** - My Name
97. **297** - My Name
98. **298** - My Name
99. **299** - My Name
100. **300** - My Name

Drawing No: 1000110
Sheet 1 of 4

Florida Product Approval # FL9262.2

SINGLE HUNG

WINF



FASTENER INSTALLATION INSTRUCTIONS - FLEX28120

#8 WOOD SCREWS:

- (K) #8 Wood Screw must be of sufficient length to achieve minimum embedment of 1" into the two by wood framing or the build-down framing component.
- (L) #8 Wood Screw spacing shall be as follows:
- 4-1/2" maximum from each corner of head, sill or jamb;
 - evenly spaced between corner fasteners but not exceeding 18" o.c. spacing in head, sill or jamb for the following configurations at design pressures to 70 PSF:
 - o eyebrow
 - o half-circle arch
 - o half-eyebrow
 - o octagon
 - o fan
 - o pentoid
 - o full-circle
 - o half-circle
 - o triangle
 - o trapezoid
 - o oval
 - evenly spaced between corner fasteners but not exceeding 15" o.c. spacing in head, sill or jamb for the following configurations at design pressures to 70 PSF:
 - o quarter-circle
 - o quarter-circle arch
 - o half-fan
 - tolerance is +/- 1", and
 - this tolerance is applicable to the evenly spaced distance.
 - Corner distance measured from frame/buck width or height dimension of frame.
- (M) Wood screws shall not be used to fasten assembly into end grain of wood.

AILS:

(N) Nails shall meet the following requirements:

- 0.131" diameter or greater;
 - sufficient length to achieve minimum embedment of 1 7/8" into the two by wood or build-down framing (generally, nail 2 3/8" length or greater shall meet this requirement); and
 - helical (screw) or annular (ring) shank style only.
- (O) Manufacturer's nails meeting these requirements are (but not limited to) the following:
- Paslode deformed shank nail, No. 404947, 404537, 650111 and 650148;
 - Duo-Fast deformed shank nail No. 325.

(P) Spacing of nails shall be:

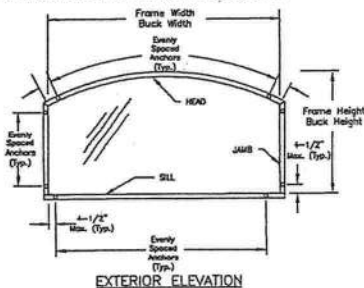
- 4-1/2" maximum from each corner of the head, sill and jamb;
- evenly spaced between corner fasteners but not exceeding the o.c. spacing in head, sill and jamb for the following configurations at design pressures to 70 PSF:
 - o eyebrow
 - o half-eyebrow
 - o fan
 - o half-fan
 - o full-circle
 - o half-circle
 - o half-circle arch
 - o quarter-circle
 - o quarter-circle arch
 - o oval
 - o octagon
 - o pentoid
 - o triangle
 - o trapezoid

(P) Spacing of nails shall be (continued):

- evenly spaced between corner fasteners but not exceeding the o.c. spacing in head, sill and jamb for the following configurations at design pressures to 45 PSF:
 - o eyebrow
 - o half-eyebrow
 - o fan
 - o half-fan
 - o full-circle
 - o half-circle
 - o half-circle arch
 - o quarter-circle
 - o quarter-circle arch
 - o oval
 - o octagon
 - o pentoid
 - o triangle
 - o trapezoid
 - tolerance is +/- 1", and
 - this tolerance is applicable to the evenly spaced distance.
 - Corner distance measured from frame/buck width or height dimension of frame.
- (Q) Nails shall not be used to fasten assembly into end grain of wood.

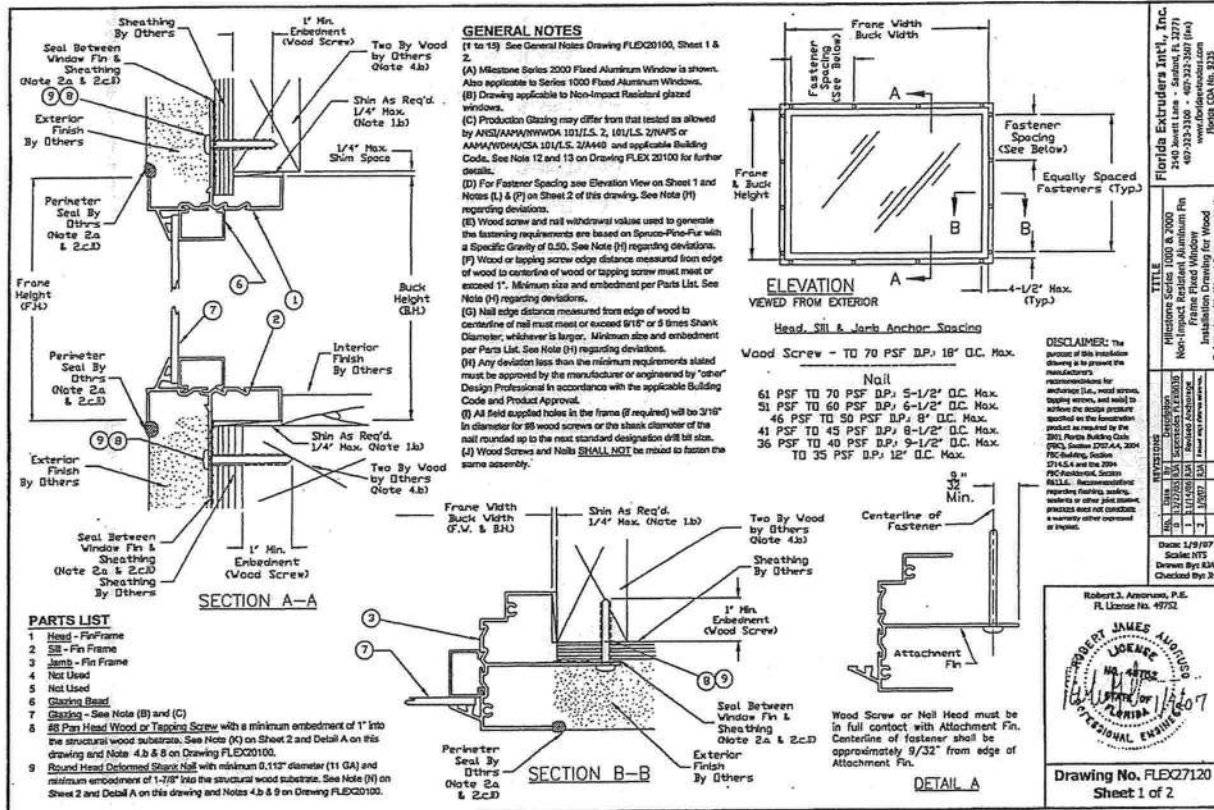
DESIGN PRESSURE RATING & FBC CODE COMPLIANCE

- (R) Installations depicted in these instructions acceptable for design pressures to 70 PSF with fastener spacing in Notes (L) and (P). Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than 70 PSF and shall be determined in accordance with Note 13 of FLEX20100.
- (S) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWFA 101/LS-2, 101/LS-2/NAFS or AAMA/NWFA/CSA 101/LS-2/440 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.
- (T) Structural two by wood and/or framing at the head, sill and jamb to be securely fastened to transfer the load to the wood structural substrate per the FBC and the engineer of record's details as applicable.
- (U) See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.

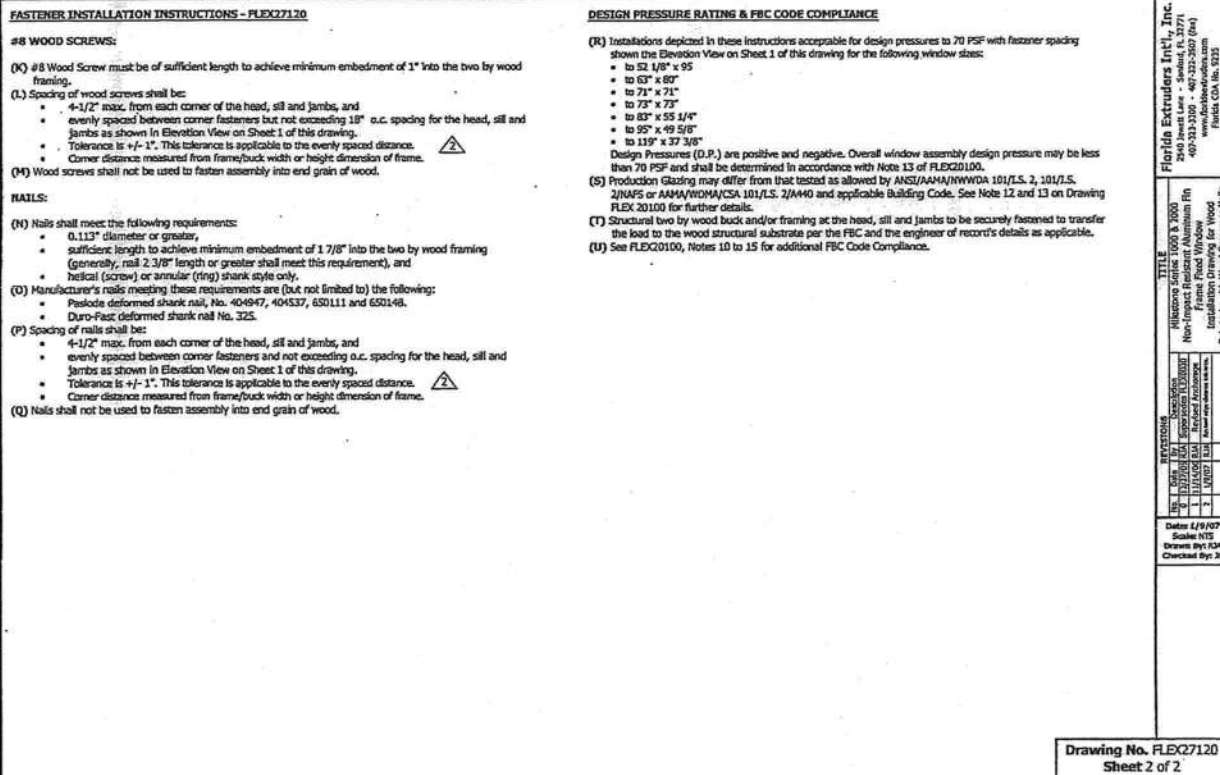


ANCHOR SPACING ILLUSTRATION
 EYEBROW ARCH DESIGNER WINDOW

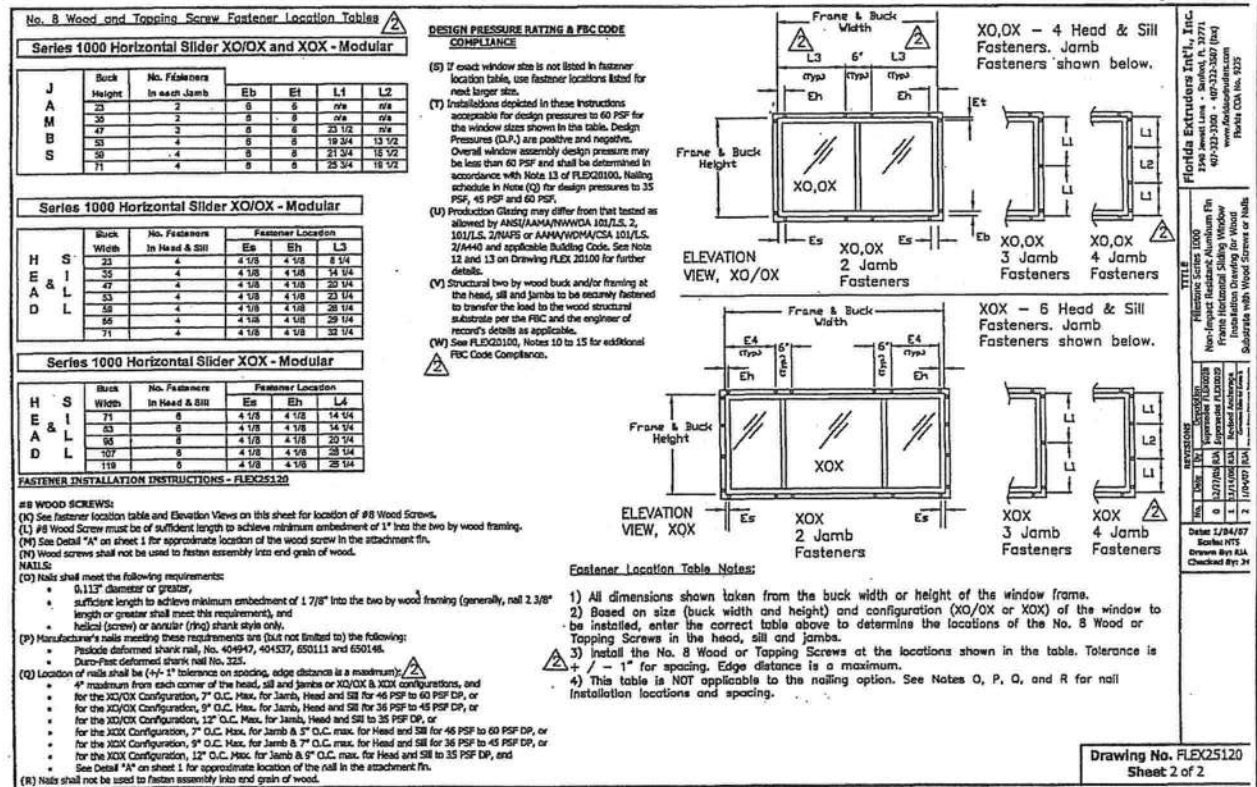
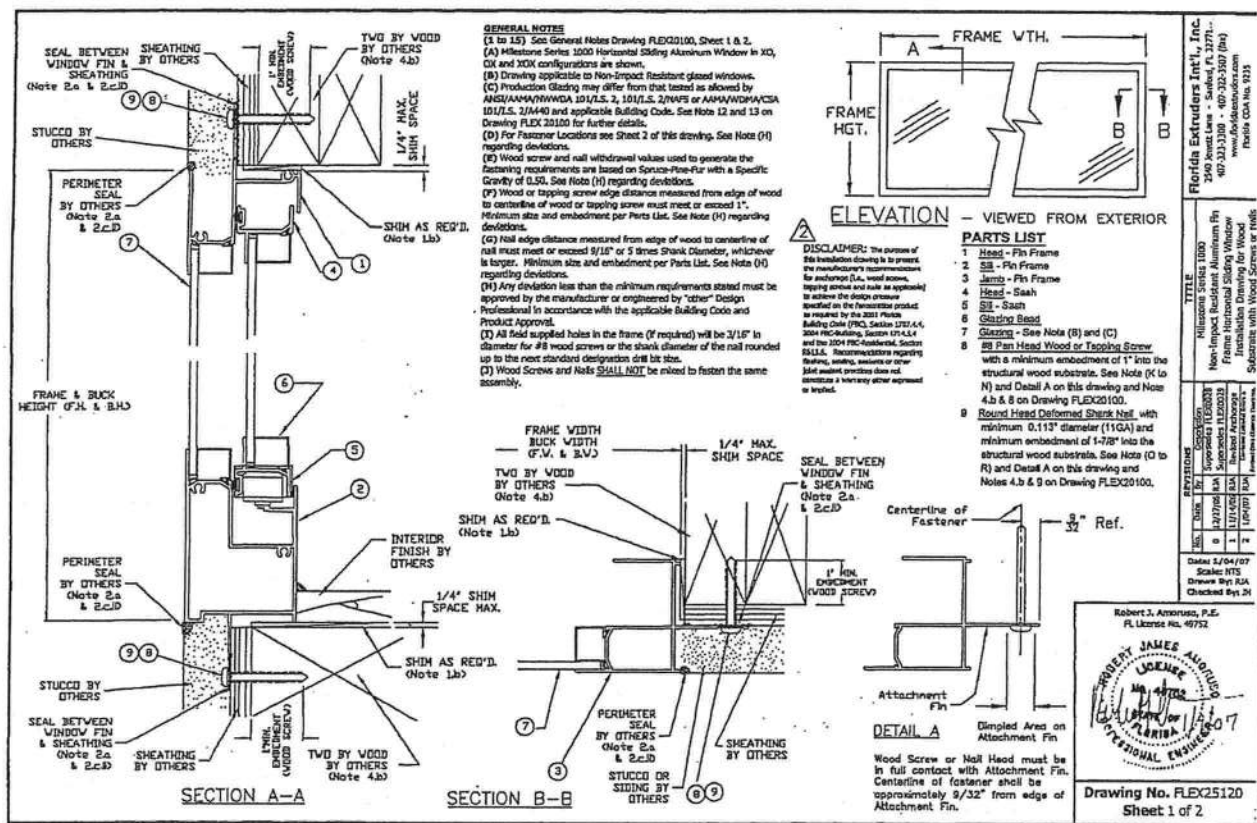
Drawing No. FLEX28120
 Sheet 2 of 2

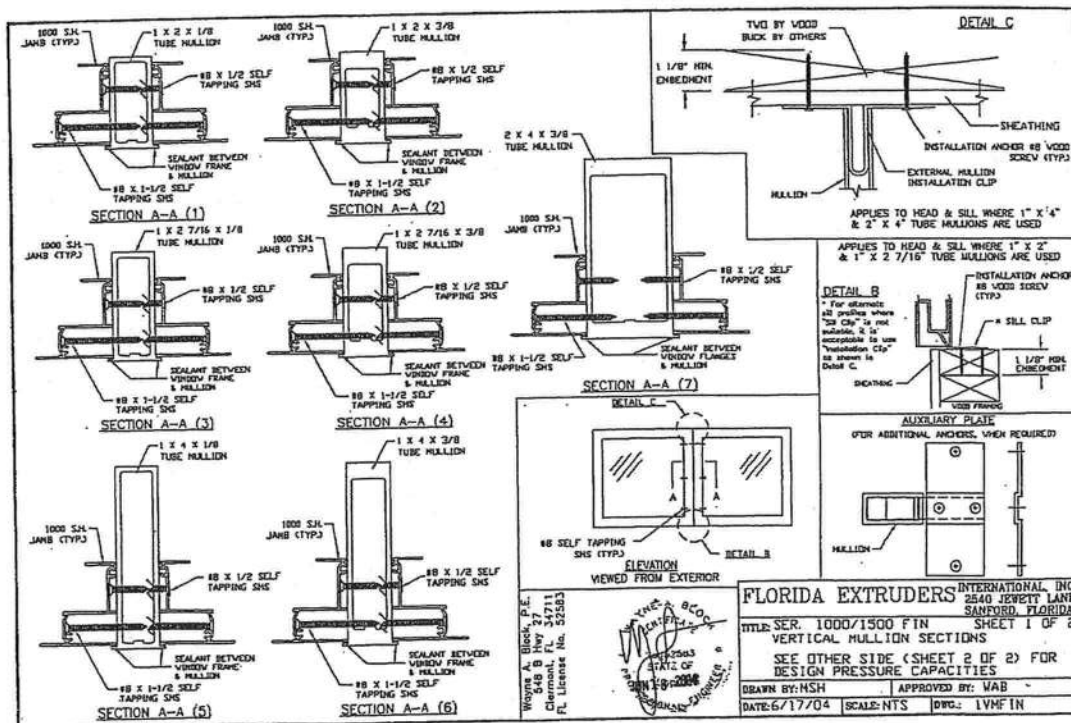
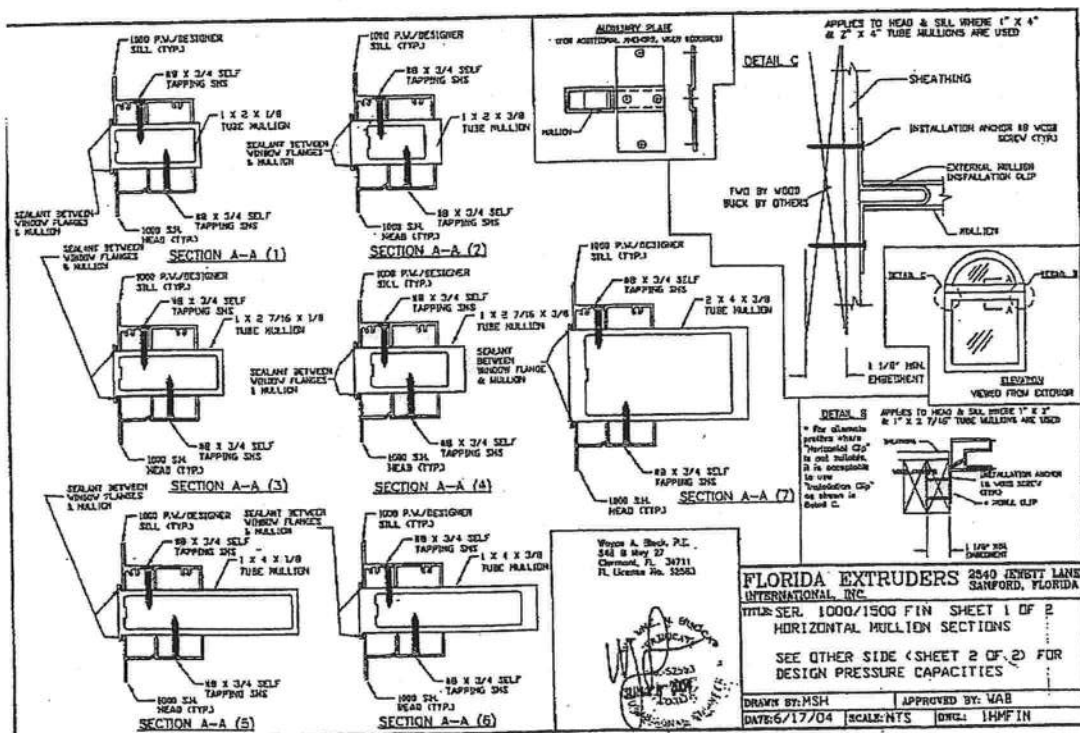


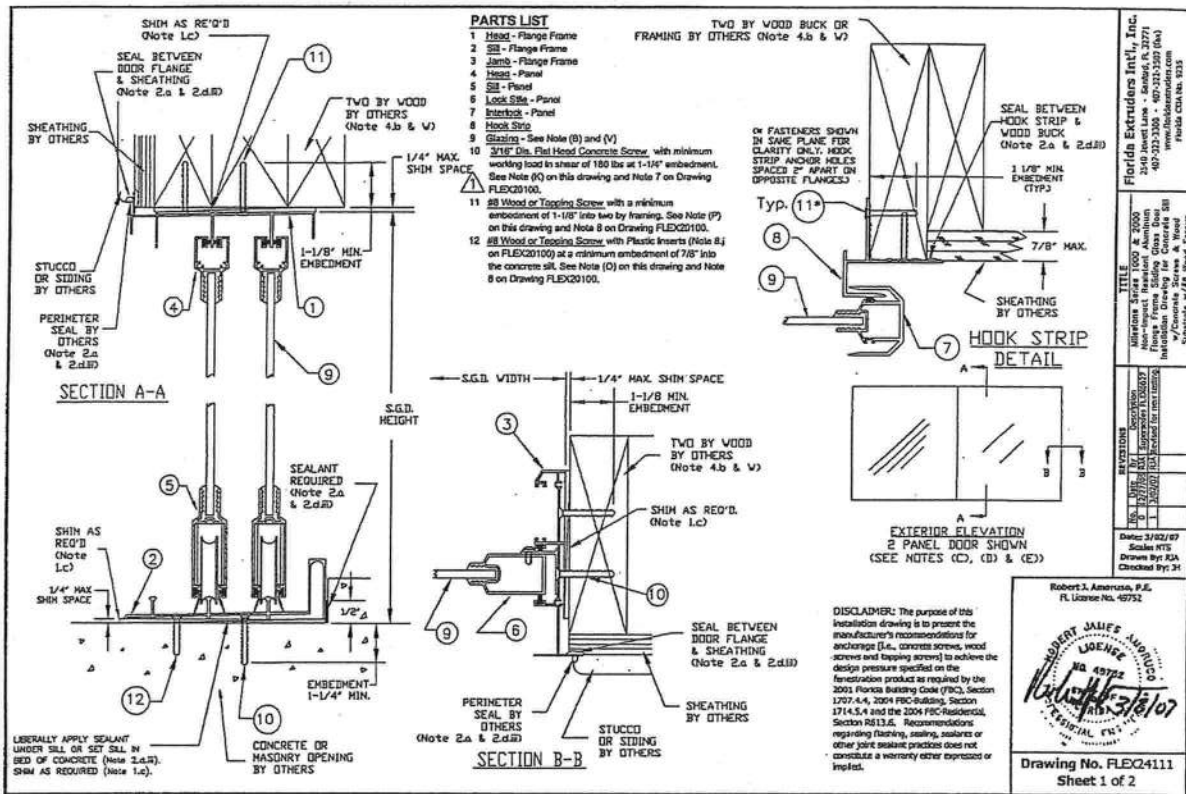
Drawing No. FLEX27120
Sheet 1 of 2



Drawing No. FLEX27120
Sheet 2 of 2







Fastener Installation Chart									
Size Code	Configuration	Size		Required Quantities of Fasteners					
		Width	Height	Jump (in. x Wt.)	Head (in. x Wt.)	Shim (in. x Wt.)	Hook Strip (in. x Wt.)	Head Size (in. x Wt.)	
4058	3X 1/2" x 80	80	80	3	6	3	2	2058	2
8058	3X 1/2" x 80	80	80	3	6	3	2	2058	2
8058	3X 1/2" x 80	80	80	3	6	3	2	2058	2
8058	3X 1/2" x 80	80	80	3	10	3	2	2058	2
10058	3X 1/2" x 120	80	80	3	12	3	2	2058	2
10058	3X 1/2" x 120	80	80	3	12	3	2	2058	2
8080	3X 1/2" x 72	80	18	18	8	3	2	2058	1
8080	3X 1/2" x 72	80	18	18	8	3	2	2058	1
8080	3X 1/2" x 72	80	18	18	8	3	2	2058	1
10080	3X 1/2" x 120	80	18	18	12	3	2	2058	1
81120	3X 1/2" x 80	120	120	12	18	3	2	2058	13
81120	3X 1/2" x 80	120	120	12	18	3	2	2058	13
8080	3X 1/2" x 80	80	80	3	18	3	2	2058	1
8080	3X 1/2" x 80	80	80	3	18	3	2	2058	1
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13
13080	3X 1/2" x 80	80	80	3	18	3	2	2058	13

- Fastener Installation Chart Notes:**
- In some cases concrete screws are only required in one of the factory applied installation holes and (i.e., a hole not being in a plane perpendicular to the width of the door frame). In those cases designated as "D" in the installation chart, one of the holes will receive a Concrete Screw and the remaining holes will be filled in accordance with Notes C and P.
 - In some cases concrete screws are required in both factory applied installation holes and "D" designates in which size & configurations two concrete screws are required. The remaining holes will be filled in accordance with Notes C and P.
 - "D1" means, install two concrete screws in one set of installation holes.
 - "D2" means, install two concrete screws in two sets of installation holes.
 - "D3" means, install two concrete screws in three sets of installation holes.
 - "D4" means, install two concrete screws in four sets of installation holes.
 - "D5" means, install two concrete screws in five sets of installation holes.
 - "D6" means, install two concrete screws in six sets of installation holes.
 - "D7" means, install two concrete screws in seven sets of installation holes.
 - "D8" means, install two concrete screws in eight sets of installation holes.

GENERAL NOTES

- See General Notes Drawing FLEX20100, Sheet 1 & 2.
- Milestone Series 1000 Sliding Glass Door is shown. Also applicable to Milestone Series 2000 Sliding Glass Door.
- Drawing applicable to Non-Impact Resistant Sliding Glass Doors glazed with 3/16" fully tempered glass. See Note (V).
- Where "C" represents moving panel and "D" represents fixed panel, approved configurations are as listed on the fastener installation chart on Sheet 2.
- Not all configurations listed on the fastener chart are shown on this drawing, however installation sections "A-A", "B-B" & Hook Strip Detail apply to installation of all approved configurations.
- For pocket door configurations, use closest by-pass door size and configuration in the chart to the finished opening of the pocket door.
- Concrete screw edge distance measured from edge of concrete/masonry/joint to centerline of concrete screw must meet or exceed 2 1/4". Minimum size and embedment per Parts List. See Note (J) regarding deviations.
- Wood or tapping screw edge distance measured from edge of wood receiving the point to centerline of wood or tapping screw must meet or exceed 1". Minimum size and embedment per Parts List. See Note (J) regarding deviations.
- All field supplied holes in the frame (if required) will be 3/16" in diameter.
- Wood screw withdrawal values used to generate the fastener requirements are based on Spruce-Pine-Fir with a Specific Gravity of 0.50.
- See Note (I) regarding deviations.
- Any deviation less than the minimum requirements stated must be approved by the manufacturer or engineered by "other" Design Professional in accordance with the applicable Building Code and Product Approval.

FASTENER INSTALLATION INSTRUCTIONS - FLEX4111

3/16" DIA. CONCRETE SCREW WITH SILL:

- Where door is installed in an opening with a masonry or concrete sill, use a 3/16" diameter concrete screw of sufficient length to achieve minimum embedment of 1-1/4" into masonry or concrete. See "Parts List" on Sheet 1 of this drawing for concrete screw size, embedment and load requirements. See FLEX20100, Note 7 for additional concrete screw requirements.
- See fastener installation chart this sheet for concrete screw quantities and additional installation requirements.
- Install one concrete screw in each pair of factory applied installation holes unless noted otherwise on the fastener installation chart. It is acceptable to install a 3/16" diameter concrete screw with a 1-1/4" embedment in all holes in the sill which will exceed the minimum requirements of the Fastener Installation Chart.
- Alternate concrete screw installation fasteners front to back in the sill frame member when both sets of holes are not used.
- All remaining factory applied installation fastener holes in the sill not used for concrete screw installation shall be anchored with plastic anchors (see FLEX20100, Note 8) for details and #8 wood screws of sufficient length to provide min. 7/8" in. embedment into the concrete or masonry. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment requirements. See FLEX20100, Note 8 for additional wood screw requirements.

#8 WOOD SCREW WITH STRUCTURAL TWO BY WOOD BUCK FOR HEAD, JAMB AND POCKET DOOR HOOK STRIP:

- Where the head, jamb and pocket door hook strip is installed in a wood opening with a structural two by wood buck and/or framing, use #8 wood screws of sufficient length to achieve 1-1/8" minimum embedment into the two by wood buck and/or framing receiving the point at all factory applied installation holes. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment requirements. See FLEX20100, Note 8 for additional wood screw requirements.
- See fastener installation chart this sheet for #8 wood screw requirements in jamb(s), head and hook strip.
- Not used.
- Wood screws shall not be used to fasten assembly into end grain of wood.

DESIGN PRESSURE RATING & FBC CODE COMPLIANCE

- If exact door size is not listed in fastener installation chart, use fastener quantity listed for next larger size, for the appropriate design pressure required.
- Installations depicted in these instructions acceptable for design pressures to 55 PSF for the window sizes shown in the chart. Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than that shown in the fastener quantity table and shall be determined in accordance with Note 13 of FLEX20100. Production Glazing may differ from that tested as allowed by ANSI/HAWI/WYDA 101/LS. 2, 101/LS. 2/NAPS or ANA/HAWI/WYDA 101/LS. 2/AM40 and applicable Building Code. See Notes 12 and 13 on Drawing FLEX 20100 for further details.
- Two by wood and/or framing to be securely fastened to transfer the load to the masonry, concrete or other structural substrate per the FBC and the engineer of record's details as applicable.
- See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.

Florida Extruders Int'l, Inc.
 2400 S.W. 10th St., Suite 100, Ft. Lauderdale, FL 33304
 Phone: (954) 333-1234 Fax: (954) 333-1235
 www.floridextruders.com

Robert J. Ameruso, P.E.
 R. License No. 49752

Sealant Applied
 10/10/07

Drawing No. FLEX4111
 Sheet 1 of 2

Florida Extruders Int'l, Inc.
 2400 S.W. 10th St., Suite 100, Ft. Lauderdale, FL 33304
 Phone: (954) 333-1234 Fax: (954) 333-1235
 www.floridextruders.com

Robert J. Ameruso, P.E.
 R. License No. 49752

Sealant Applied
 10/10/07

Drawing No. FLEX4111
 Sheet 2 of 2

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	GEORGETOWN 'M' 4BED
9TM01801	18-1	328 SW TIMBER RIDGE DR	JAX-9TM	GTNM42B RIGHT	

This structure was designed in accordance with, and meets the requirements of TPI standards and the FLORIDA 2007 BUILDING CODE for 140 M.P.H. Wind Zone. Truss loading is in accordance with ASCE 7-05. These trusses are designed for an enclosed building.

The Truss Engineering package for the above referenced site was generated by the Truss Designer/Architect/MiTek.

I, Tomas Ponce P.E. the 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	No. of Eng. Dwgs: 66
Layout	03/26/09	04/01/09	JS3X	03/23/09	04/01/09	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
BCSI-B1	2008	04/01/09	GRD2X	03/23/09	04/01/09	
HIP TRUSS	02/09/09	04/01/09	CGRD2X	03/24/09	04/01/09	
VALLEY	02/09/09	04/01/09	FGRDX	03/23/09	04/01/09	
TOE NAIL	02/09/09	04/01/09	JGRD2X	03/23/09	04/01/09	
S1AX	03/23/09	04/01/09	J6X	03/23/09	04/01/09	DurFac- Lbr: 1.25 DurFac- Plt: 1.25 O.C. Spacing: 24.0"
S1CX	03/23/09	04/01/09	J6AX	03/23/09	04/01/09	
HS1AX	03/23/09	04/01/09	J9X	03/23/09	04/01/09	
HS1BX	03/23/09	04/01/09	J9AX	03/23/09	04/01/09	
HS2AX	03/23/09	04/01/09	J10X	03/23/09	04/01/09	
HS2BX	03/23/09	04/01/09	J10AX	03/23/09	04/01/09	Floor Loads- TC Live: 40.0 psf TC Dead: 10.0 psf BC Live: 0.0 psf BC Dead: 5.0 psf Total 55.0 psf
HS3AX	03/23/09	04/01/09	RG1X	03/23/09	04/01/09	
HS3BX	03/24/09	04/01/09	V1X	03/23/09	04/01/09	
HS4X	03/24/09	04/01/09	VM1X	03/23/09	04/01/09	
HS5X	03/24/09	04/01/09	VM2X	03/23/09	04/01/09	
MHS1X	03/24/09	04/01/09	VM3X	03/23/09	04/01/09	DurFac- Lbr: 1.00 DurFac- Plt: 1.00 O.C. Spacing: 24.0"
MHS2X	03/24/09	04/01/09	VM4X	03/23/09	04/01/09	
HSGRD1X	03/24/09	04/01/09	VM5X	03/23/09	04/01/09	
MHSGRDX	03/24/09	04/01/09	VM14X	03/23/09	04/01/09	
GRD1X	03/23/09	04/01/09	VM15X	03/23/09	04/01/09	
S2X	03/23/09	04/01/09	V6X	03/23/09	04/01/09	
T1X	03/24/09	04/01/09	V7X	03/23/09	04/01/09	
H1X	03/24/09	04/01/09	V8X	03/23/09	04/01/09	
H2X	03/23/09	04/01/09	V9X	03/23/09	04/01/09	
HGRD1X	03/24/09	04/01/09	V10X	03/23/09	04/01/09	
JGRD1X	03/24/09	04/01/09	V11X	03/23/09	04/01/09	
JSGRD1X	03/24/09	04/01/09	V12X	03/23/09	04/01/09	
JX	03/23/09	04/01/09	V13X	03/23/09	04/01/09	
JSX	03/23/09	04/01/09	INV #	DESC	QNTY	
JSBX	03/23/09	04/01/09	50060.0114	THD48		
JSCX	03/23/09	04/01/09	50060.0048	THD26	9	DATE: APR 08 2009
JSDX	03/23/09	04/01/09	50060.0110	JUS26		
J1X	03/23/09	04/01/09	50060.0058	THJ26	5	
JS1X	03/23/09	04/01/09	50060.0050	THD28-3	1	
J2X	03/23/09	04/01/09	50060.0272	THD179		
JS2X	03/23/09	04/01/09	SEAT PLATES		145	
J3X	03/23/09	04/01/09	FLOOR SEAT PLATES			

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

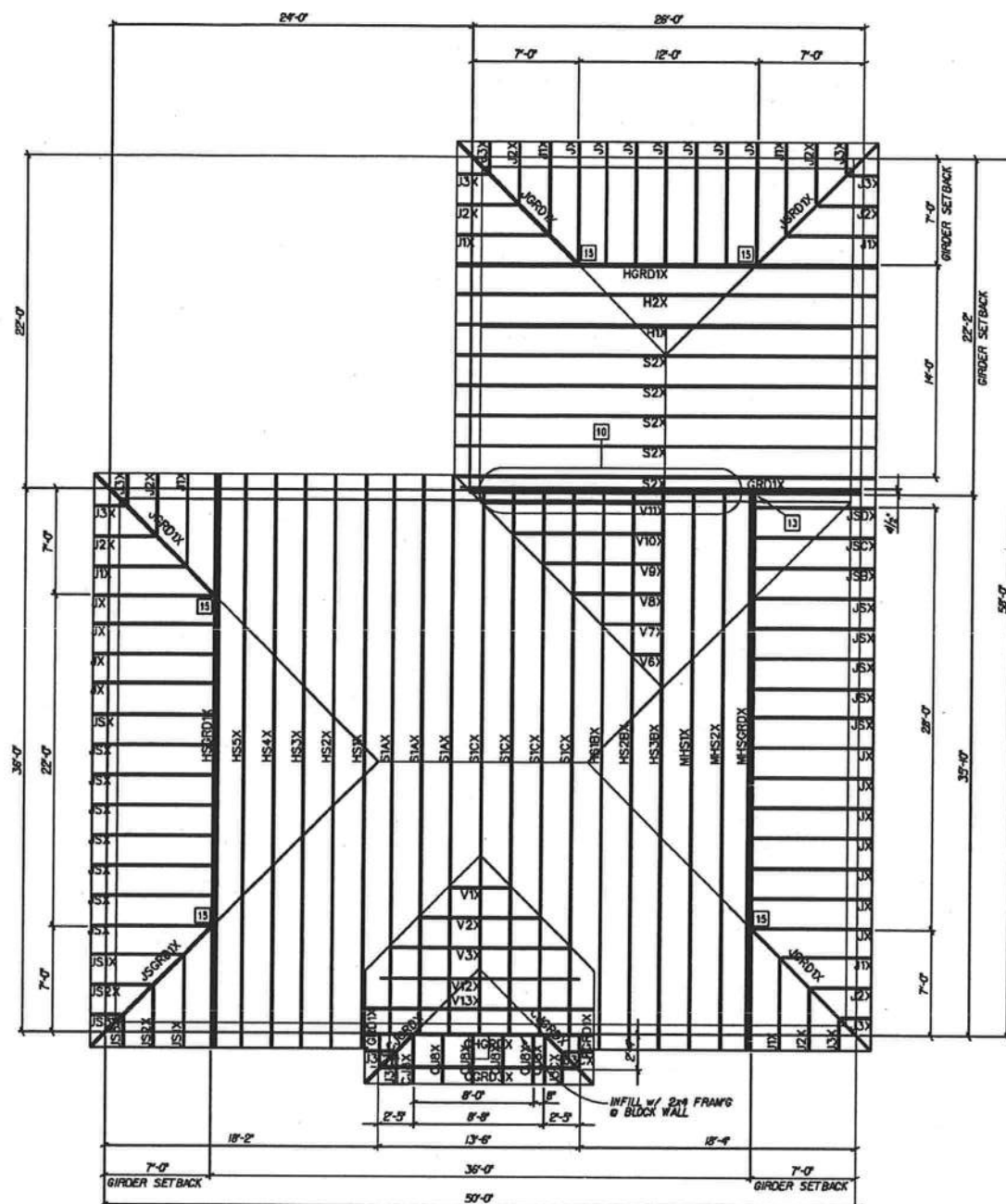
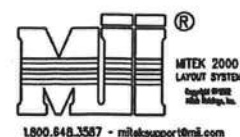
APR 08 2009

HARDWARE MANUFACTURED
BY USP

* HARDWARE MANUFACTURED
BY SIMPSON

** HARDWARE MANUFACTURED
BY CLEVELAND

SCALE: NTS
DATE: 03-26-09



GEORGETOWN4 "M" - FL

GARAGE: RIGHT



DRAWN BY: SWE
CHECKER: MIKE

LOADING-FRC2007/TPI2002

TC LIVE	16.00	SNOW LOAD	0.00
TC DEAD	7.00	LUMBER DOL	1.25
BC LIVE	0.00	PLATE DOL	1.25
BC DEAD	10.00	WIND	140
TOTAL	33.00	SPACING	2'-0"

WARNING! BCSI-B1 SUMMARY SHEET - GUIDE FOR H

Spans over 60' may require complex permanent bracing. P

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.

⚠ 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 arrioste incorrecto puede ser la caída de la estructura o aún peor, heridos o muertos.

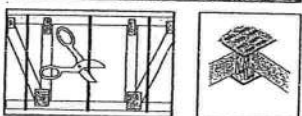
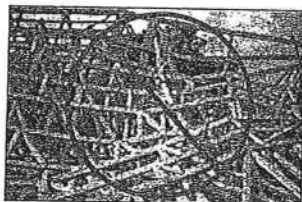
⚠ Banding and truss plates have sharp edges. Wear gloves when handling and safety glasses when cutting banding.

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

NOTAS GENERALES

Los trusses no están marcados de ningún modo que identifique la frecuencia o localización de restricción lateral y arrioste diagonal temporal. Use las recomendaciones de manejo, instalación, restricción y arrioste temporal de los trusses. Vea el folleto BCSI Guía de Buena Práctica para el Manejo, Instalación, Restricción y Arrioste 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/Arrioste Permanente de Cuerdas y Miembros Secundarios*** para más información. El resto de los diseños de arriostres permanentes son la responsabilidad del Diseñador del Edificio.

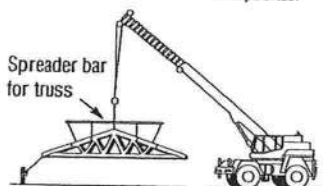


HANDLING — MANEJO

⚠ Avoid lateral bending. — Evite la flexión lateral.

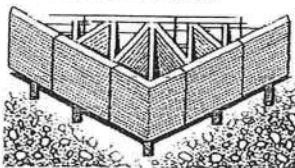


⚠ Use special care in windy weather or near power lines and airports. Utilice cuidado especial en días ventosos o cerca de cables eléctricos o de aeropuertos.



⚠ 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.

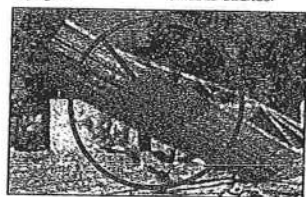
Si los trusses estarán guardados horizontalmente, ponga bloqueando de altura suficiente debajo de la pila de los trusses a 8' hasta 10' pies en el centro.

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 Arrioste de los Trusses de Madera Conectados con Placas de Metal*** para información más detallada sobre el manejo y almacenamiento de los trusses en área de trabajo.

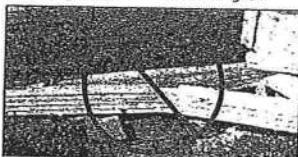
⚠ Do not store unbraced bundles upright.

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 sobrecargue 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 paquetes empaqueados individualmente.

✓ 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.

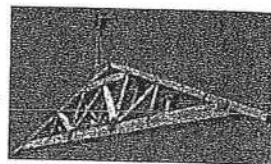
Puede usar dos puntos de levantar para paquetes hasta 60 pies.

Use por lo menos tres puntos de levantar para paquetes más de 60 pies.

⚠ 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.

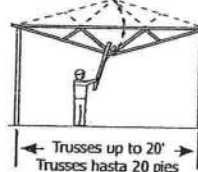


INSTALLATION OF SINGLE TRUSSES BY HAND

INSTALACIÓN DE TRUSSES INDIVIDUALES POR LA MANO

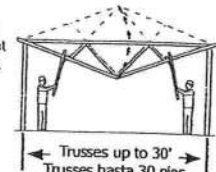
✓ Trusses 20' or less, support at peak.

Soporte del pico: los trusses de 20 pies o menos.



✓ Trusses 30' or less, support at quarter points.

Soporte de los cuartos de tramo: los trusses de 30 pies o menos.



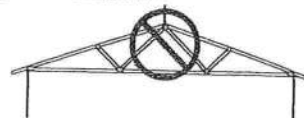
HOISTING OF SINGLE TRUSSES — LEVANTAMIENTO DE TRUSSES INDIVIDUALES

✓ 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.

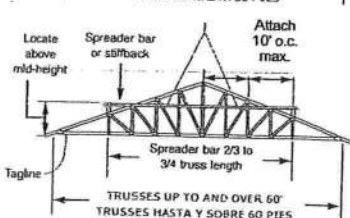
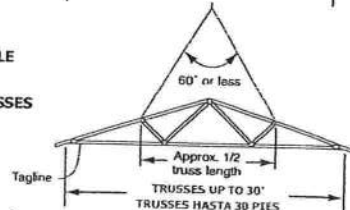
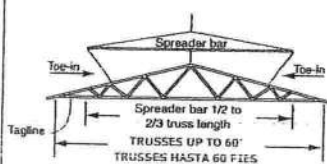
⚠ Warning! Using a single pick-point at the peak can damage the truss.

¡Advertencia! El uso de un solo lugar en el pico para levantar 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.

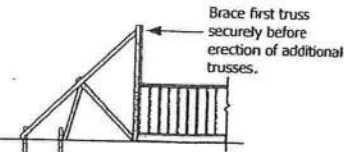
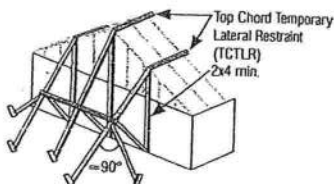
Vea el resumen BCSI-B2 - Instalación de Trusses y Restricción/Arrioste Temporal*** para más información.

✓ 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 tabla en la próxima columna).

⚠ Do not walk on unbraced trusses.

No camine en trusses sueltos.



HANDLING, INSTALLING, RESTRAINING AND BRACING OF TRUSSES

Please always consult a Professional Engineer.

STEPS TO SETTING TRUSSES

LAS MEDIDAS DE LA INSTALACIÓN DE LOS TRUSSES

- 1) Install ground bracing. 2) Set first truss and attach securely to ground bracing. 3) Set next 4 trusses with short member temporary lateral restraint (see below). 4) Install top chord diagonal bracing (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). 7) Repeat process on groups of four trusses until all trusses are set.

1) Instale los arriostres de tierra. 2) Instale el primero truss y atele seguramente al arriostre de tierra. 3) Instale los próximos 4 trusses con restricción lateral temporal de miembro corto (vea abajo). 4) Instale el arriostre diagonal de la cuerda superior (vea abajo). 5) Instale arriostre diagonal para los planos de los miembros secundarios para estabilizar 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 estén instalados.

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

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

RESTRAINT/BRACING FOR ALL PLANES OF TRUSSES RESTRICCIÓN/ARRIOSTRE PARA TODOS PLANOS DE TRUSSES

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

Este método de restricción y arriostre es para todos trusses excepto trusses de cuerdas paralelas 3x2 y 4x2.

1) TOP CHORD — CUERDA SUPERIOR

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

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

- See BCSI-B2*** for TCLTR options.
Vea el BCSI-B2*** para las opciones de TCLTR.

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 Armazones Haciales vea el resumen BCSI-B3 - Restricción/Arriostre Permanente de Cuerdas y Miembros Secundarios***

- Repeat diagonal braces for each set of 4 trusses.
Repita los arriostres diagonales para cada grupo de 4 trusses.

2) WEB MEMBER PLANE — PLANO DE LOS MIEMBROS SECUNDARIOS

LATERAL RESTRAINT & DIAGONAL BRACING ARE VERY IMPORTANT LA RESTRICCIÓN LATERAL Y EL ARRIOSTRE DIAGONAL SON MUY IMPORTANTES!

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

Some chord and web members not shown for clarity.

3) BOTTOM CHORD — CUERDA INFERIOR

Lateral Restraints - 2x4x12' or greater lapped over two trusses.

Bottom chords

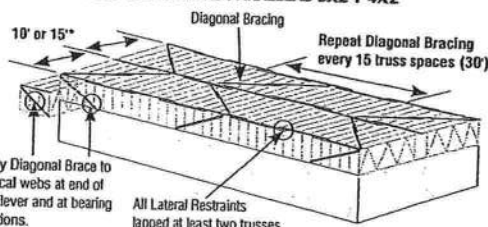
Diagonal Braces every 10 truss spaces (20' max.)

Some chord and web members not shown for clarity.

RESTRAINT & BRACING FOR 3x2 AND 4x2 PARALLEL CHORD TRUSSES RESTRICCIÓN Y 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.

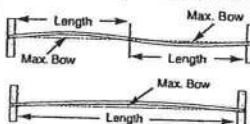
Vea el resumen BCSI-B7 - Restricción/Arriostre Temporal y Permanente para Trusses de Cuerdas Paralelas*** para más información.



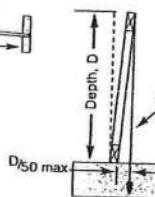
*Top chord Temporary Lateral Restraint spacing shall be 10' o.c. max. for 3x2 chords and 15' o.c. for 4x2 chords.

INSTALLING — INSTALACIÓN

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



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



Out of Plumb	Max. Bow	Truss Length
D/50	D (ft.)	
1/4"	1'	3/4"
1/2"	2'	7/8"
3/4"	3'	1"
1"	4'	1-1/8"
1-1/4"	5'	1-1/4"
1-1/2"	6'	1-3/8"
1-3/4"	7'	1-1/2"
2"	≥8'	1-3/4"
		2"

CONSTRUCTION LOADING — CARGA DE CONSTRUCCIÓN

- 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 alturas máximas de montón. Vea el resumen BCSI-B4 Carga de Construcción*** para más información.

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 los materiales cerca de un 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.

ALTERATIONS — ALTERACIONES

- Refer to BCSI-B5 Summary Sheet - Truss Damage, Jobsite Modifications & Installation Errors***
Vea el resumen 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 perforo ningún miembro estructural de un truss, a menos que esté específicamente 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 la autorización previa del Fabricante de Trusses, pueden hacer nulo y sin efecto la garantía limitada del Fabricante de Trusses.

***Contact the Component Manufacturer for more information or consult a Professional Engineer for assistance.
To view a non-printing PDF of this document, visit www.sbciindustry.com/b1.

NOTE: The Truss Manufacturer and Truss Designer rely on the presumption that the Contractor and crane operator (if applicable) are professionals with the capability to undertake the work they have agreed to do on any given project. If the Contractor believes it needs assistance in some aspect of the construction project, it should seek assistance from a competent party. The methods and procedures outlined in this document are intended to ensure that the overall construction techniques employed will put the trusses into place SAFELY. These recommendations for handling, installing, restraining and bracing trusses are based upon the collective experience of leading personnel involved with truss design, manufacture and installation, but must, due to the nature of responsibilities involved, be presented only as a GUIDE for use by a qualified Building Designer or Contractor. It is not intended that these recommendations be interpreted as superior to the Building Designer's design specification for handling, installing, restraining and bracing trusses and it does not preclude the use of other equivalent methods for restraining/bracing and providing stability for the walls, columns, floors, roofs and all the interrelated structural building components as determined by the Contractor. Thus, WTCA and TPI expressly disclaim any responsibility for damages arising from the use, application, or reliance on the recommendations and information contained herein.



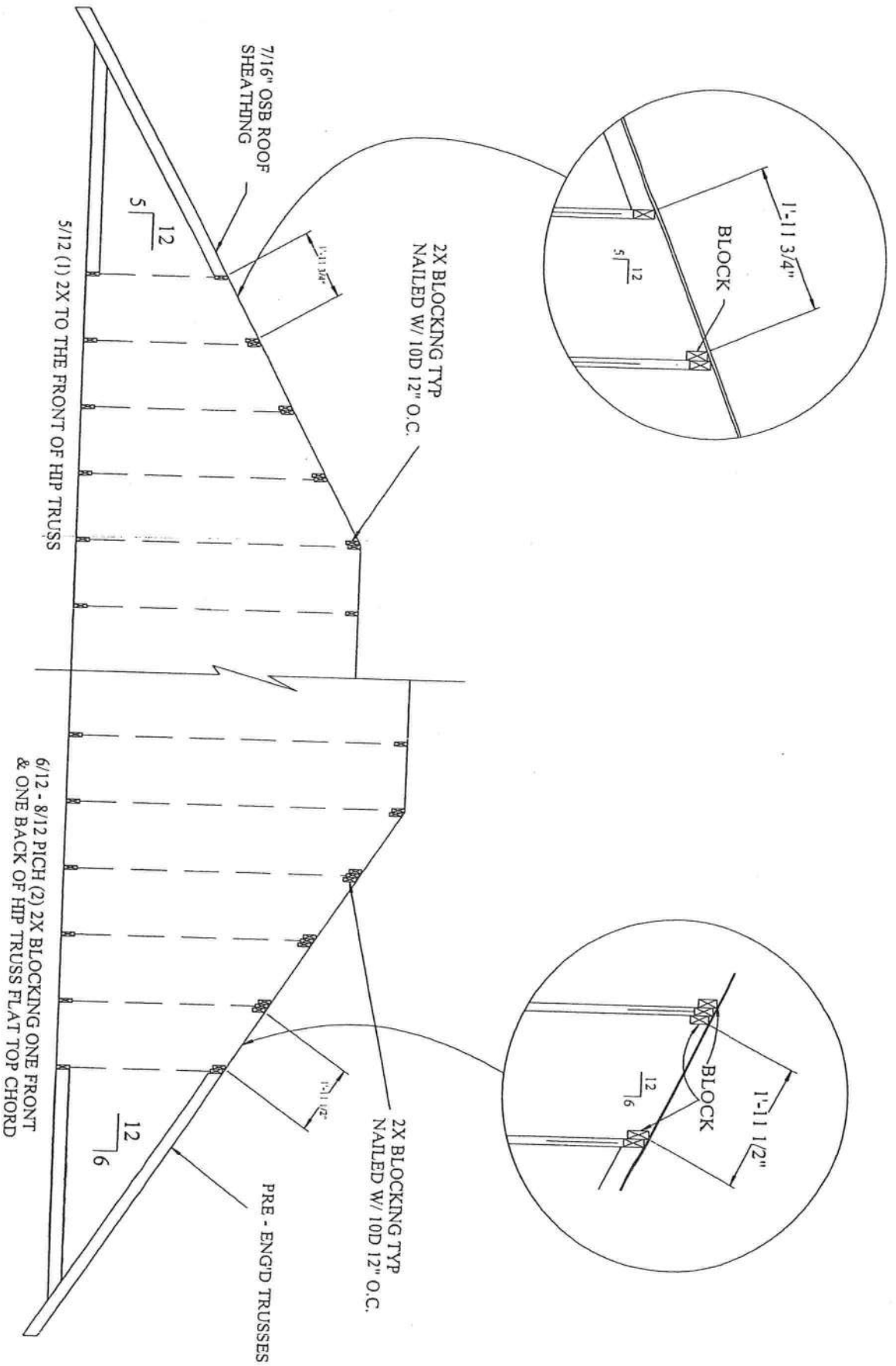
6300 Enterprise Lane • Madison, WI 53719
608/274-4849 • www.sbciindustry.com



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

B1WARN11x17 070724

HIP TRUSS BLOCKING REQUIREMENTS



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

SHEET:
HBI

TRUSS DETAILS HIP TRUSS BLOCKING

DRAWN BY: GARAGE:
RELEASE DATE: 2/9/09

Maronda Homes

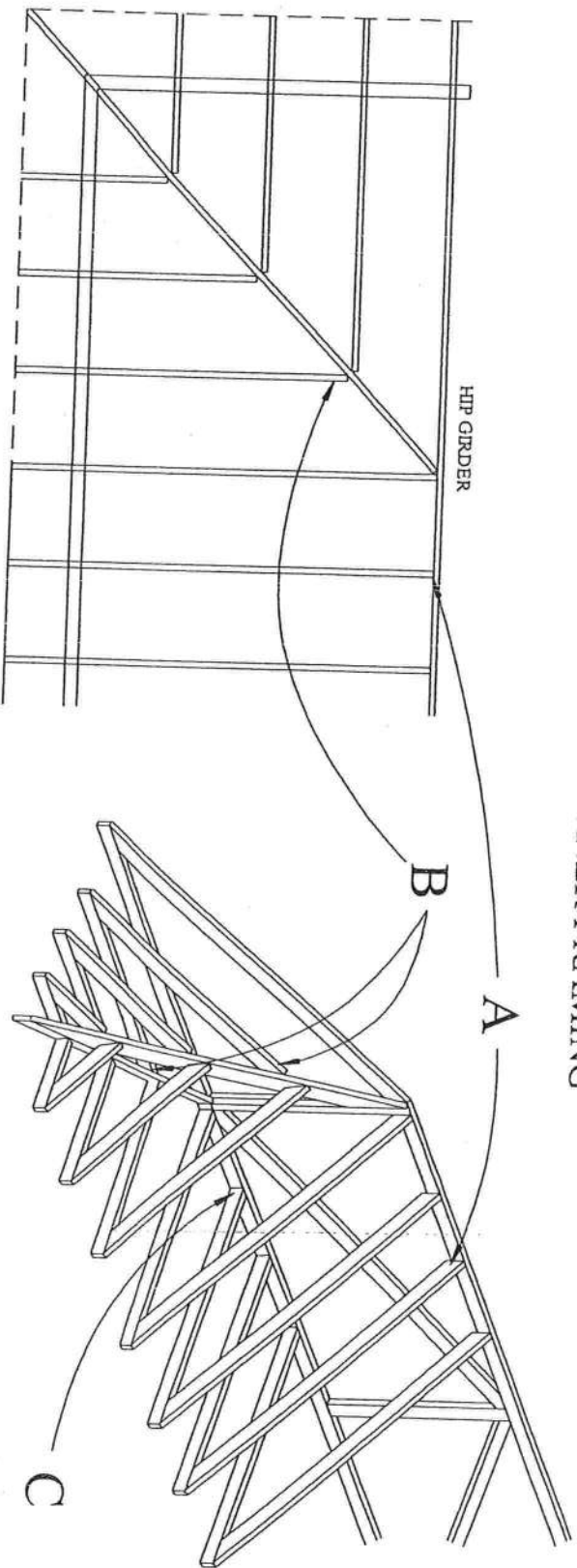
(407) 321-0664 4005 MARONDA WAY SANFORD, FLORIDA

REVISIONS:

PLOT DATE:

TOE-NAILED CONNECTIONS AT BEARING LOCATIONS

TYPICAL CORNER FRAMING



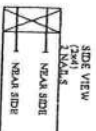
CONNECTION VALUES:

	GRAVITY	UPLIFT
(3)10D	222	355
(3)16D	383	614

Wind loading: Basic wind speed is 140 MPH.
 Exposure category B or C.
 Occupancy category II
 4.8 psf top chord dead load.
 4.2 psf bottom chord dead load.
 25' roof height.
 MV/FRS gable end zone.
 Enclosed building (Cond. I)
 FBCR-07, TP1-02, ASCE 7-05
 Duration of load is 1.60
 L= NAIL LENGTH

45 DEGREE ANGLE / SQUARE CUT

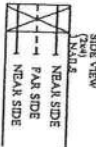
Connection at B



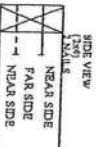
10d (0.131" x 3") nails

90 DEGREE ANGLE/SQUARE CUT

Connection at A



Connection at C



10d (0.131" x 3") nails

TRUSS DETAILS

TOE-NAILED CONNECTIONS

DRAWN BY:

GARAGE:

RELEASE DATE: 2/9/09

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

REVISIONS

TNI

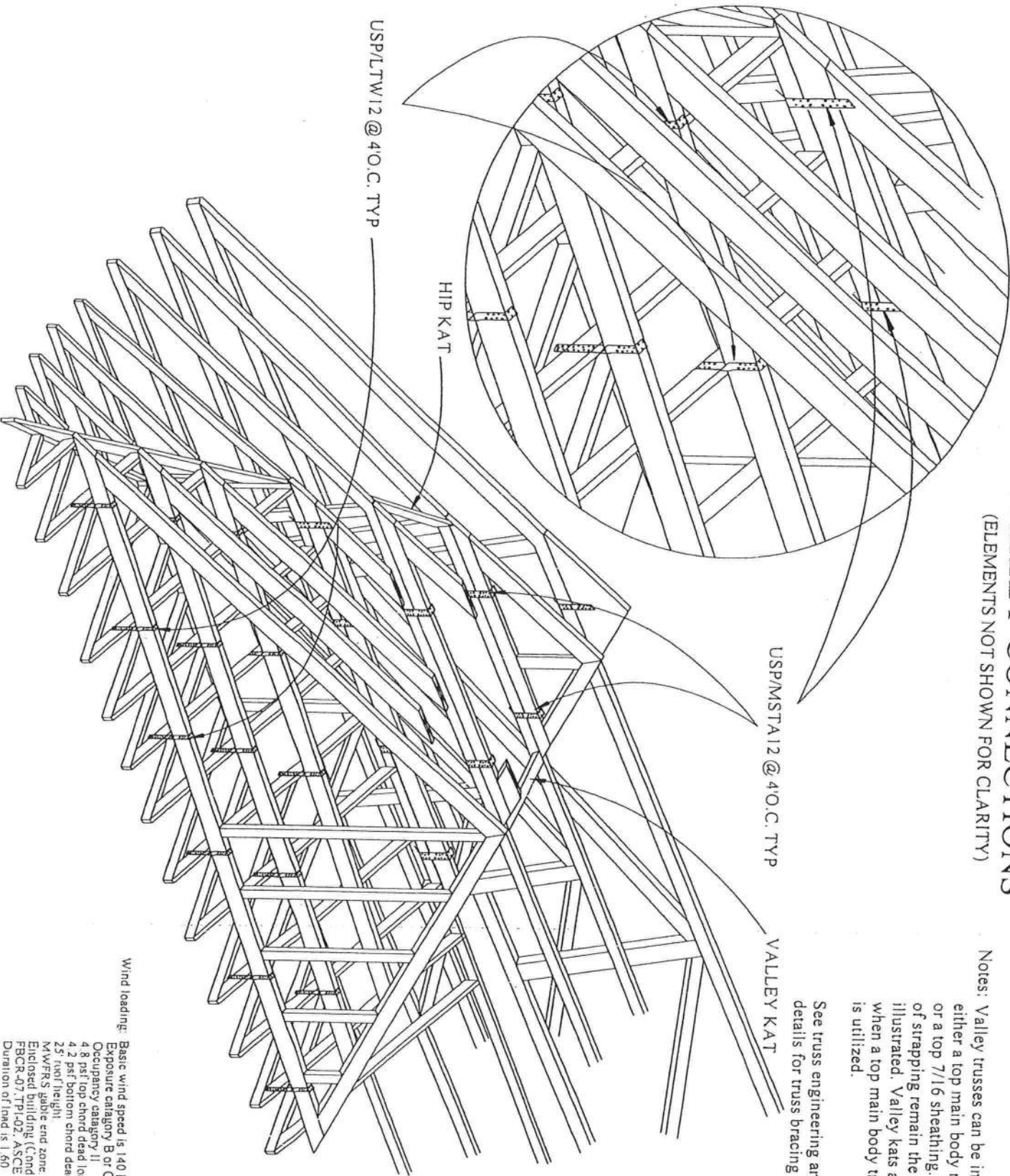
LOT DATE:

VALLEY CONNECTIONS

(ELEMENTS NOT SHOWN FOR CLARITY)

Notes: Valley trusses can be installed either a top main body roof trusses or a top 7/16 sheathing. Connections of strapping remain the same as illustrated. Valley kats are required when a top main body truss option is utilized.

See truss engineering and standard details for truss bracing requirements.



Wind loading:

Basic wind speed is 140 MPH.
Exposure category B or C.
Occupancy category II
4.8 psf top chord dead load
4.2 psf bottom chord dead load.
25' roof height.
MWFRS gable end zone.
Enclosed building (Cond I)
FBCR-07, TPI-02, ASCE 7-05
Duration of load is 1.60

TRUSS DETAILS

VALLEY CONNECTIONS

DRAWN BY **J.FESSIA** LARALE
RELEASE DATE **2/9/09**

Maronda Homes

(407) 321-8064 1005 MARONDA WAY SANFORD, FLORIDA

REVISIONS:

SHEET
VCI

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	S1AX	SPECIAL	3	1	

Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:53 2009 Page 1

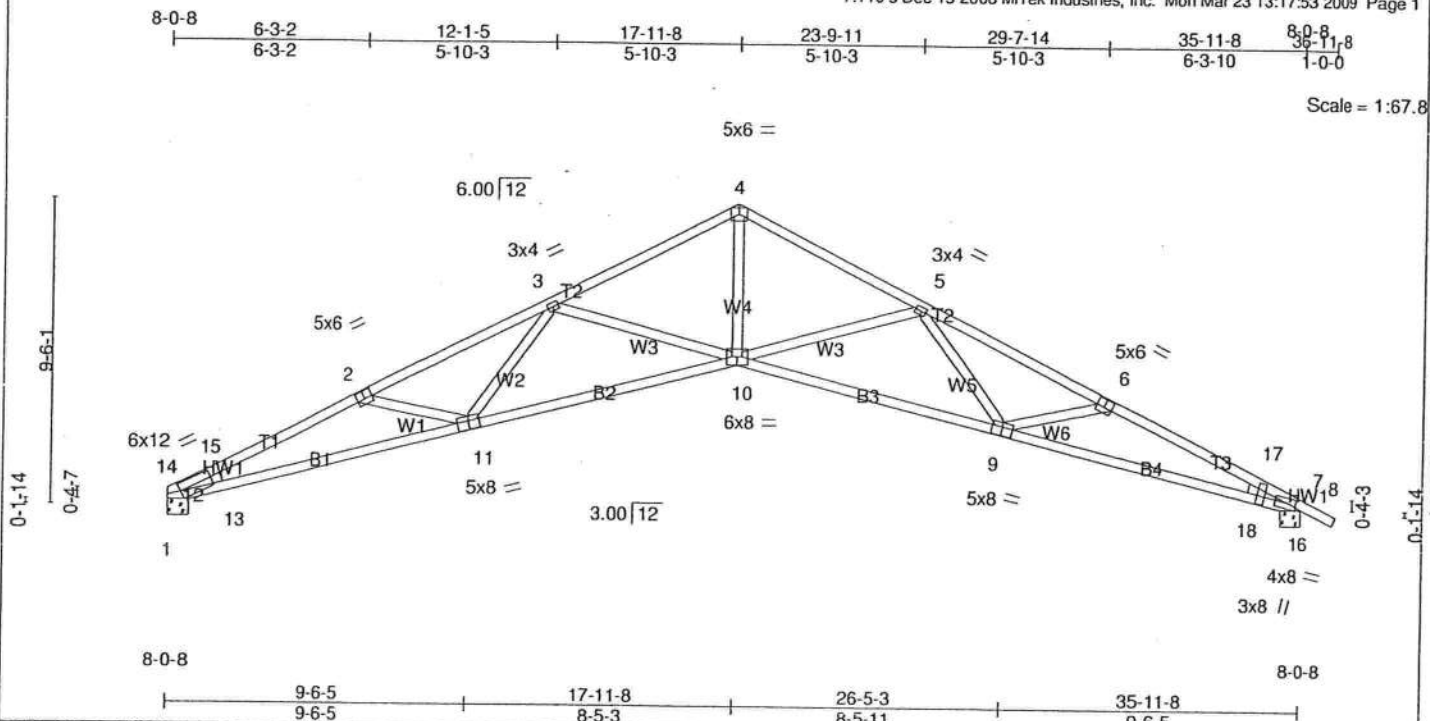


Plate Offsets (X,Y): [1:0-0-0,0-2-12], [2:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:0-2-7,Edge], [7:0-1-15,1-2-13], [9:0-4-0,0-3-4], [11:0-4-0,0-3-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.48	Vert(LL)	0.54 10-11	>803	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.71	Vert(TL)	-0.89 10-11	>485	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.41	Horz(TL)	0.56 7	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)						
									Weight: 169 lb

LUMBER

TOP CHORD 2 X 4 SYP No.1D
 BOT CHORD 2 X 4 SYP No.1D
 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 3-0-1 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 4-11-6 oc bracing.

REACTIONS (lb/size) 12=1182/0-1-8 (input: 0-7-8), 16=1226/0-1-8 (input: 0-8-0)
 Max Horz 12=-222(LC 7)
 Max Uplift 12=-450(LC 6), 16=-537(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 14-15=-1965/1028, 2-15=-3685/2081, 2-3=-3446/1825, 3-4=-2613/1329, 4-5=-2612/1329,
 5-6=-3557/1872, 6-17=-3858/2152, 7-17=-1745/856

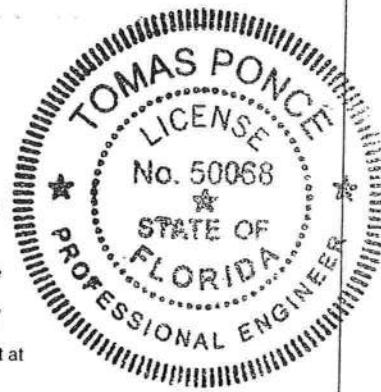
BOT CHORD 12-13=-730/1482, 11-13=-1709/3336, 10-11=-1293/2995, 9-10=-1311/3036,
 9-18=-1787/3520, 16-18=-634/1426

WEBS 2-11=-211/374, 3-11=-94/451, 3-10=-662/602, 4-10=-893/2021, 5-10=-698/620,
 5-9=-133/530, 6-9=-283/408, 12-14=-673/370, 13-15=-155/263, 12-15=-1680/916,
 13-14=-940/1804, 7-16=-814/556, 17-18=-348/345, 16-17=-1275/719, 7-18=-643/1200

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Bearing at joint(s) 12, 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 450 lb uplift at joint 12 and 537 lb uplift at joint 16.

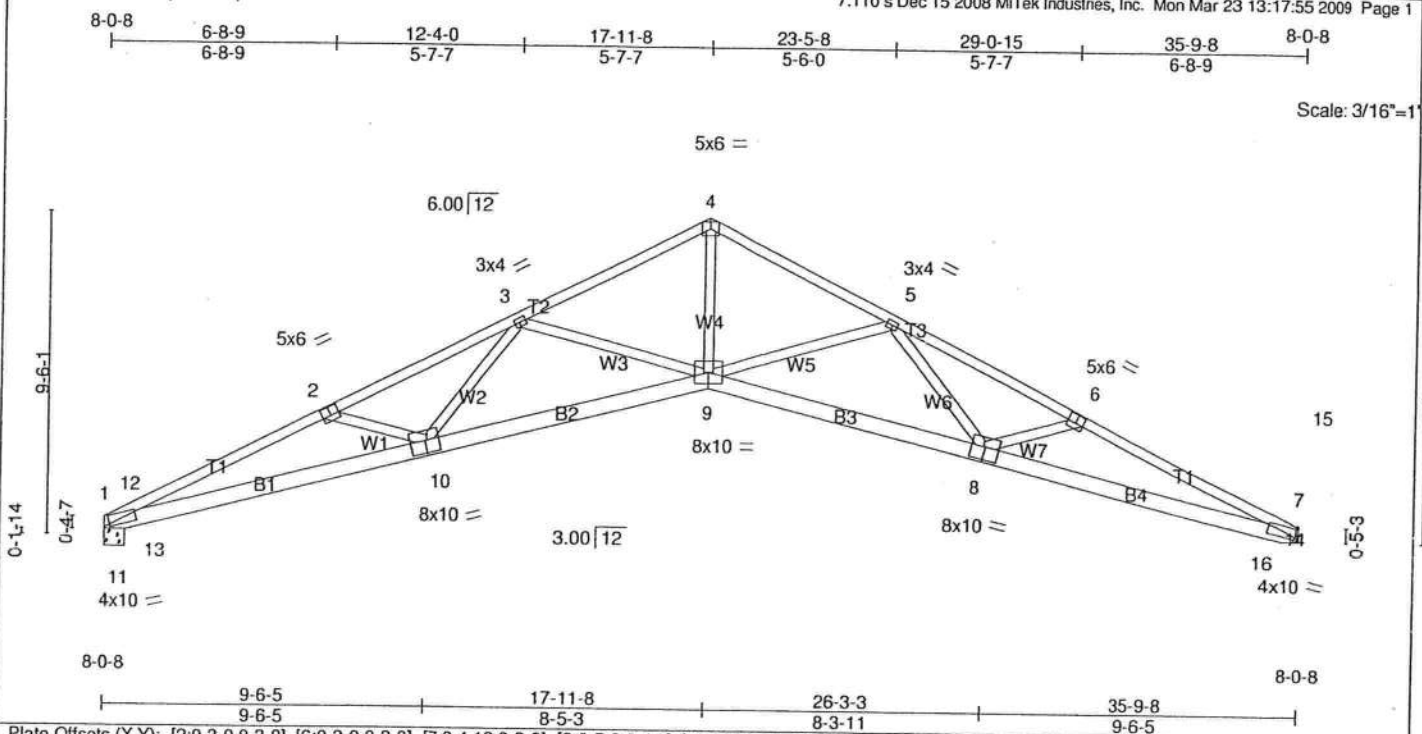
LOAD CASE(S) Standard



[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	S1CX	SPECIAL	4	1	
Maronda Homes Inc. Sanford, FL					Job Reference (optional)

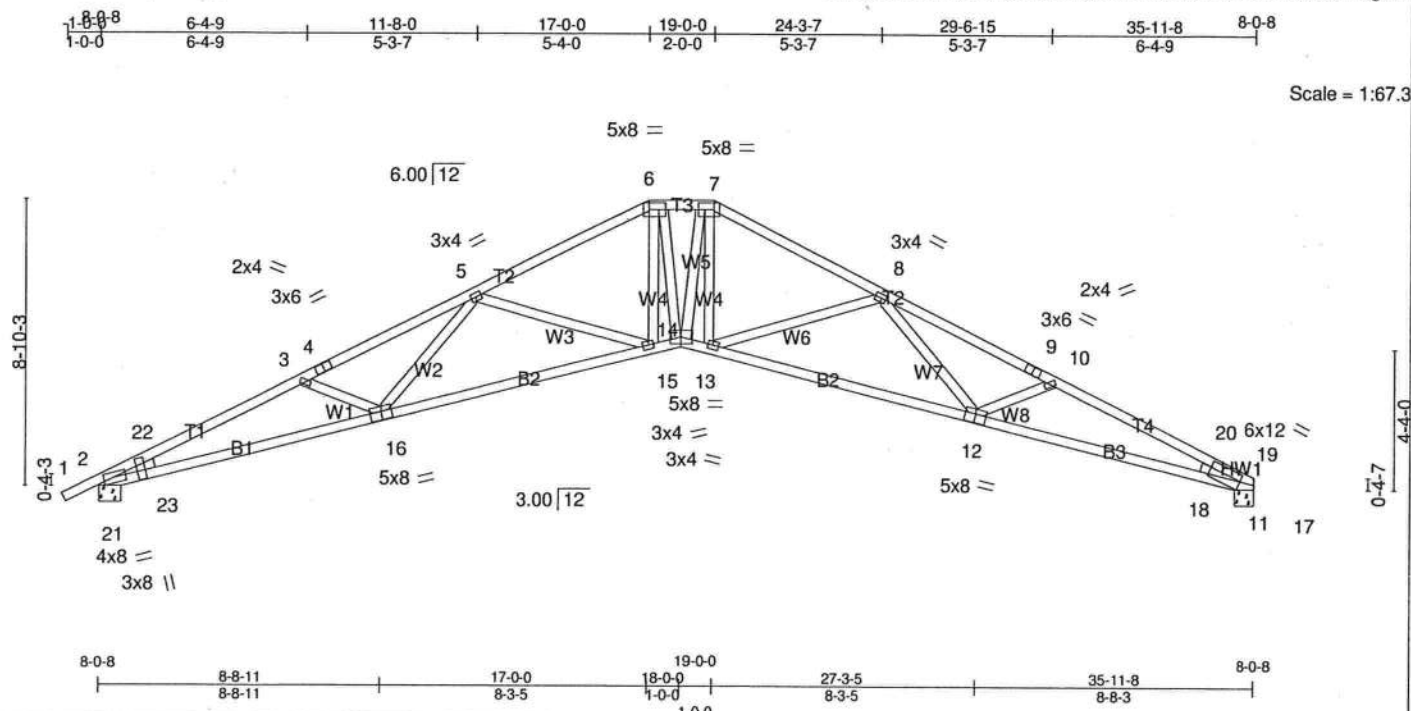


Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	HS1AX	SPECIAL	1	1	

Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:07 2009 Page 1



Scale = 1:67.3

Plate Offsets (X,Y): [2:0-1-15,1-2-13], [2:0-2-7,Edge], [6:0-6-0,0-2-8], [7:0-6-0,0-2-8], [11:0-0-8,0-2-8], [12:0-4-0,0-3-4], [16:0-4-0,0-3-4]

LOADING (psf)	SPACING	2:0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.49	Vert(LL)	0.54 12-13	>803	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.70	Vert(TL)	-0.88 12-13	>492	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.33	Horz(TL)	0.57 11	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)						
									Weight: 183 lb

LUMBER

TOP CHORD 2 X 4 SYP No.1D

BOT CHORD 2 X 4 SYP No.1D

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 3-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 4-8-15 oc bracing.

REACTIONS (lb/size) 17=1182/0-1-8 (input: 0-7-8), 21=1226/0-1-8 (input: 0-8-0)

Max Horz 21=212(LC 6)

Max Uplift 17=-442(LC 7), 21=-529(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-22=-1741/903, 3-22=-3862/2232, 3-4=-3626/2019, 4-5=-3591/2037, 5-6=-2712/1499, 6-7=-2482/1477, 7-8=-2711/1499, 8-9=-3466/1981, 9-10=-3495/1963, 10-20=-3683/2152, 19-20=-1961/1087

BOT CHORD 21-23=-722/1424, 16-23=-1940/3519, 15-16=-1537/3080, 14-15=-967/2417,

13-14=-963/2409, 12-13=-1513/3031, 12-18=-1855/3325, 17-18=-828/1480

WEBS 3-16=-224/336, 5-16=-151/525, 5-15=-636/591, 6-15=-206/754, 6-14=-288/427,

7-14=-325/440, 7-13=-209/756, 8-13=-593/569, 8-12=-122/434, 10-12=-159/304,

17-19=-672/393, 17-20=-1677/935, 18-19=-991/1801, 2-21=-813/571, 22-23=-362/346,

21-22=-1276/738, 2-23=-694/1201

NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) Provide adequate drainage to prevent water ponding.

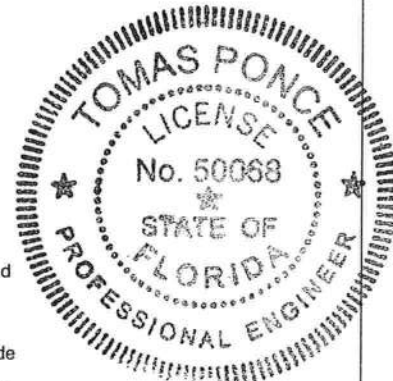
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

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) Bearing at joint(s) 17, 21 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 100 lb uplift at joint(s) except (jt=lb) 17=442, 21=529.

LOAD CASE(S) Standard



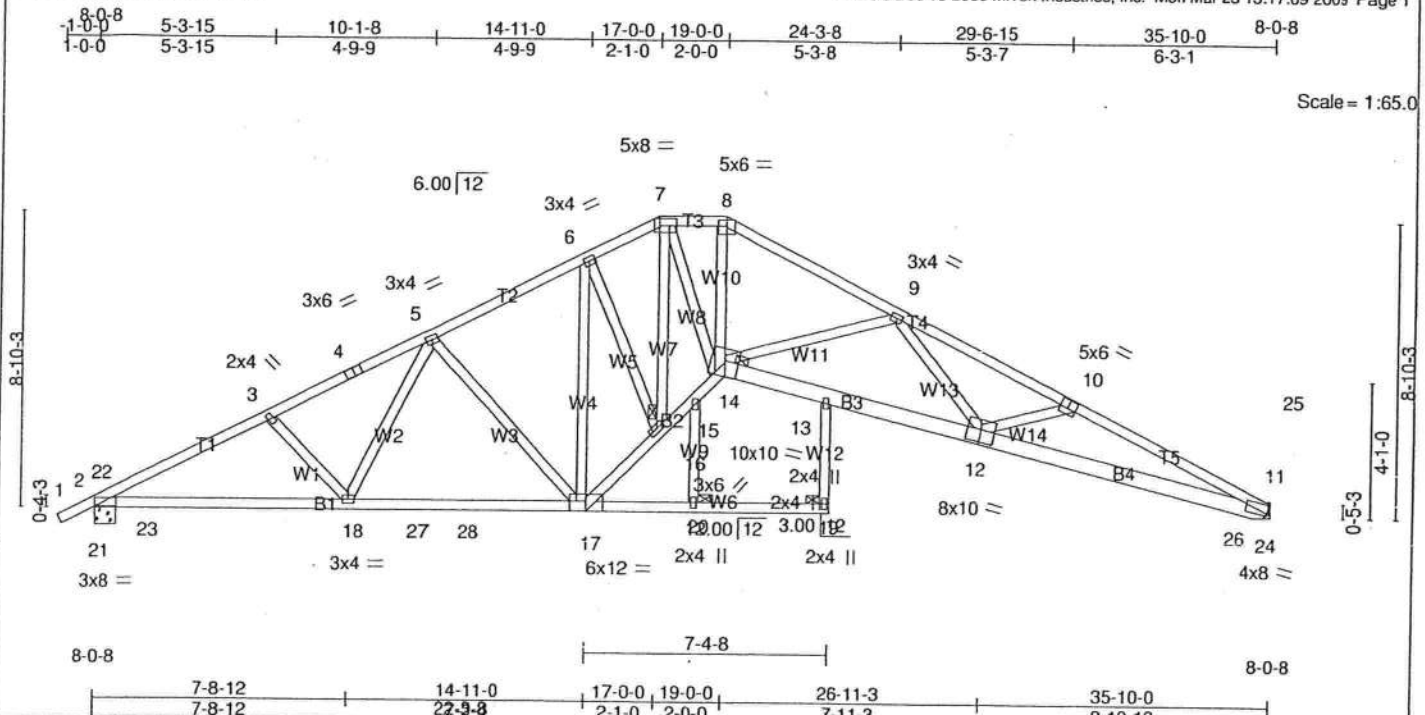
[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	HS1BX	SPECIAL	1	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:09 2009 Page 1



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	Plates Increase 1.25	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.59	Ver(LL) 0.44 12-13 >979 240		
BCLL 0.0	Rep Stress Incr YES	WB 0.73	Ver(TL) -0.64 12-13 >671 180		
BCDL 10.0	Code FRC2007/TP12002	(Matrix-M)	Horz(TL) 0.37 11 n/a n/a		
				Weight: 236 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-0-8 oc purlins.
BOT CHORD 2 X 4 SYP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 5-4-13 oc bracing.
B3,B4: 2 X 6 SYP No.2	JOINTS 1 Brace at Jt(s): 14, 16, 19, 20
WEBS 2 X 4 SYP No.2	

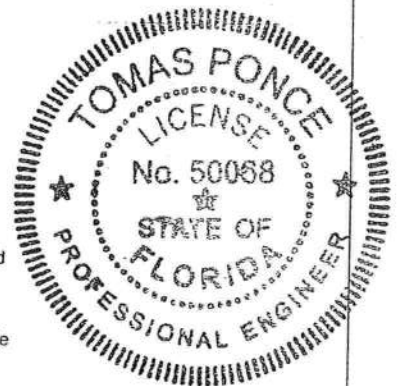
REACTIONS (lb/size) 21=1255/0-1-8 (input: 0-8-0), 24=1156/Mechanical
Max Horz 21=209(LC 6)
Max Uplift 21=550(LC 6), 24=470(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-22=-1422/612, 3-22=-2220/1339, 3-4=-2073/1270, 4-5=-2019/1280, 5-6=-1590/1113, 6-7=-1849/1294, 7-8=-2335/1502, 8-9=-2671/1607, 9-10=-3575/2136, 10-25=-3856/2384, 11-25=-1338/757
BOT CHORD 21-23=-712/1596, 18-23=-1104/1933, 18-27=-879/1675, 27-28=-879/1675, 17-28=-879/1675, 16-17=-896/1905, 15-16=-949/2273, 14-15=-938/2282, 13-14=-1602/3019, 12-13=-1616/3017, 12-26=-2082/3507, 24-26=-738/1298
WEBS 3-18=-182/268, 5-18=-98/352, 5-17=-441/371, 6-17=-868/411, 6-16=-137/608, 7-16=-818/174, 7-14=-818/1785, 8-14=-471/962, 9-14=-630/575, 9-12=-159/514, 10-12=-265/391, 2-21=-1105/725, 22-23=-244/359, 21-22=-156/588, 2-23=-1070/319, 11-24=-701/412, 25-26=-606/552, 24-25=-976/567, 11-26=-362/631

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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, with BCDL = 10.0psf.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 21=550, 24=470.

LOAD CASE(S) Standard



MAR 23 2009

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	HS2BX	SPECIAL	1	1	

Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:14 2009 Page 1

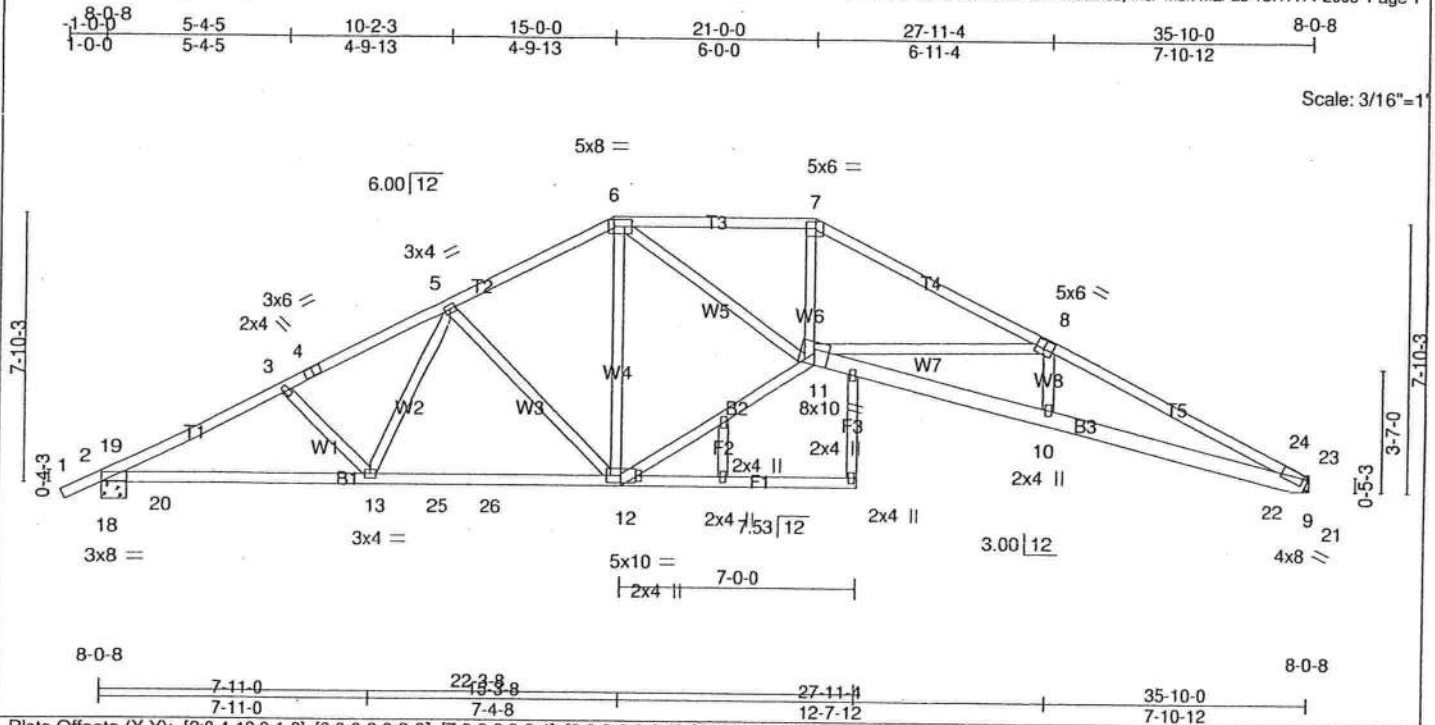


Plate Offsets (X,Y): [2:0-4-12,0-1-8], [6:0-6-0,0-2-8], [7:0-3-8,0-2-4], [8:0-3-0,0-3-0], [12:0-1-6,0-4-14]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.54	Vert(LL)	0.41 10-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.71	Vert(TL)	-0.63 10-11	>681	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.56	Horz(TL)	0.35 9	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)						
								Weight: 209 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B3: 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-10-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-7-15 oc bracing.

REACTIONS

(lb/size) 18=1281/0-1-8 (input: 0-8-0), 21=1193/Mechanical
Max Horz 18=192(LC 6)
Max Uplift 18=-516(LC 6), 21=-428(LC 7)

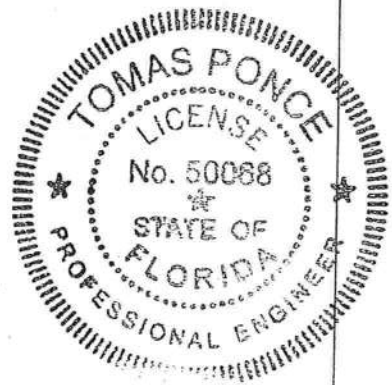
FORCES (lb)

- Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=-1432/585, 3-19=-2276/1331, 3-4=-2122/1245, 4-5=-2075/1262, 5-6=-1618/1087,
6-7=-2698/1629, 7-8=-3087/1725, 8-24=-3884/2199, 23-24=-1919/975
BOT CHORD 18-20=-679/1599, 13-20=-1100/1984, 13-25=-865/1719, 25-26=-865/1719,
12-26=-865/1720, 11-12=-723/1666, 10-11=-1900/3522, 10-22=-1892/3514,
21-22=-906/1723
WEBS 3-13=-188/276, 5-13=-99/357, 5-12=-448/371, 6-11=-718/1563, 7-11=-417/1043,
8-11=-732/636, 6-12=-391/185, 2-18=-1113/707, 19-20=-249/363, 18-19=-129/602,
2-20=-1106/271, 21-23=-678/326, 22-24=-157/409, 21-24=-1918/998, 22-23=-911/1755

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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, with BCDL = 10.0psf.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=516, 21=428.

LOAD CASE(S) Standard



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_07
GEORGETOWN	HS3AX	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:18 2009 Page 1

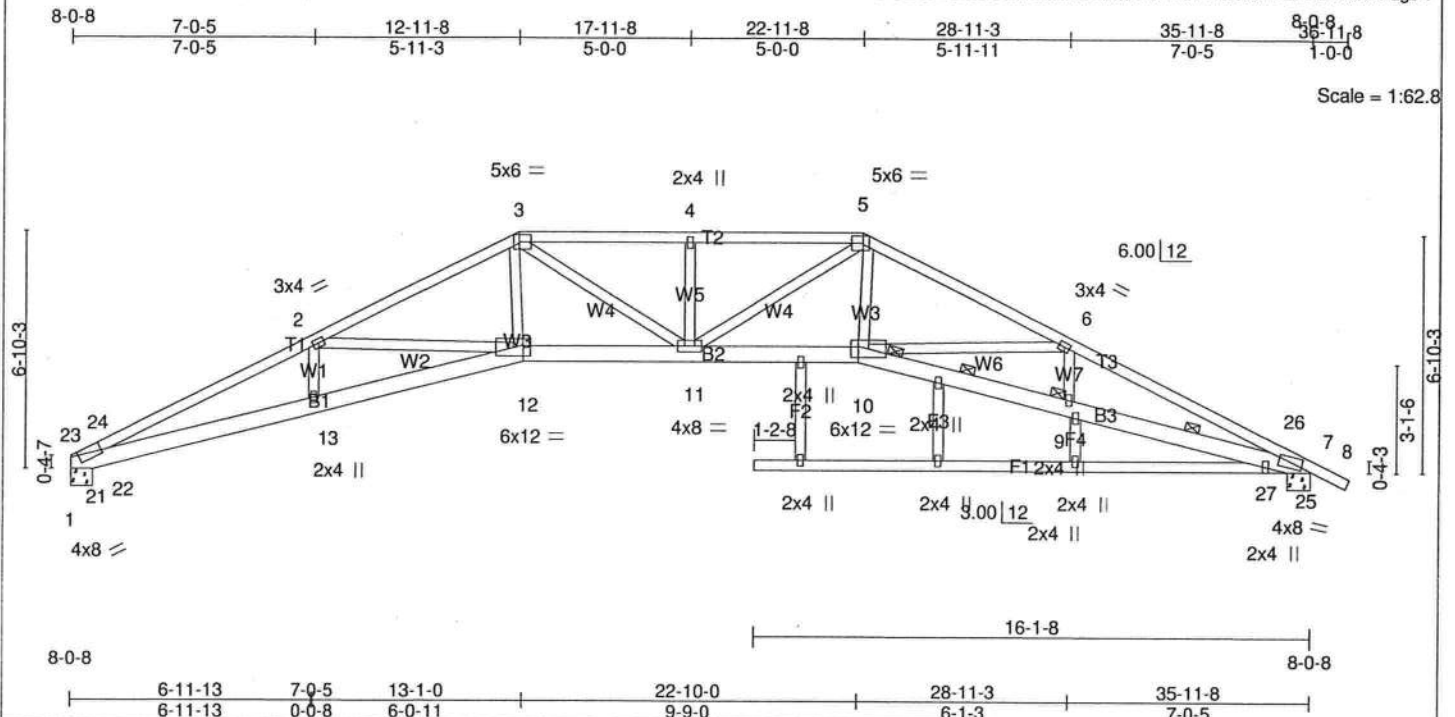


Plate Offsets (X,Y): [3:0-4-0,0-2-8], [5:0-4-0,0-2-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.48	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.83	Vert(LL) 0.53 11 >818 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.32	Vert(TL) -0.75 11 >579 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) -0.48 1 n/a n/a		
	Code FRC2007/TPI2002			Weight: 230 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D *Except*
F1: 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-11-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-10-15 oc bracing. Except:
5-10-0 oc bracing: 9-10, 9-25
JOINTS 1 Brace at Jt(s): 10, 9

REACTIONS (lb/size) 21=1179/0-1-8 (input: 0-7-8), 25=1228/0-1-8 (input: 0-8-0)
Max Horz 25=-174(LC 7)
Max Uplift 21=-405(LC 6), 25=-494(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 5-6=-3302/1943, 6-26=-3924/2300, 7-26=-1817/948, 3-4=-3104/1943, 4-5=-3104/1943,
23-24=-1885/1024, 2-24=-3767/2231, 2-3=-3279/1934

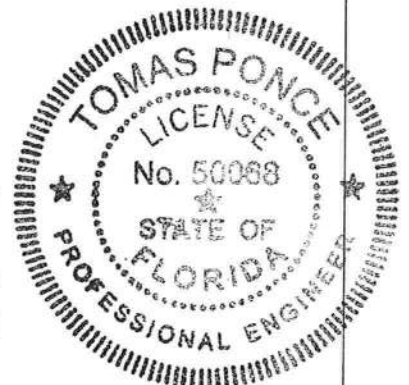
BOT CHORD 9-10=-2013/3582, 9-27=-2002/3561, 25-27=-1115/2132, 11-12=-1453/2919,
10-11=-1462/2939, 21-22=-942/1684, 13-22=-1932/3404, 12-13=-1948/3436

WEBS 6-10=-580/496, 5-11=-246/363, 3-11=-249/384, 2-12=-463/462, 3-12=-472/1040,
5-10=-481/1065, 21-23=-728/380, 22-24=-59/291, 21-24=-1881/1045, 22-23=-949/1719,
7-25=-1188/799, 26-27=-561/510, 25-26=-526/271

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) Bearing at joint(s) 21, 25 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 100 lb uplift at joint(s) except (jt=lb) 21=405, 25=494.

LOAD CASE(S) Standard

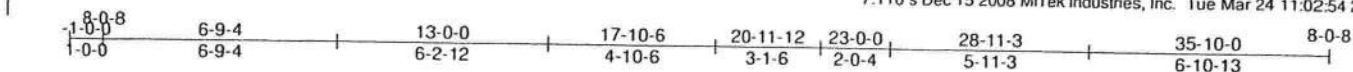


[Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	HS3BX	SPECIAL	1	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:02:54 2009 Page 1



Scale: 3/16"=1'

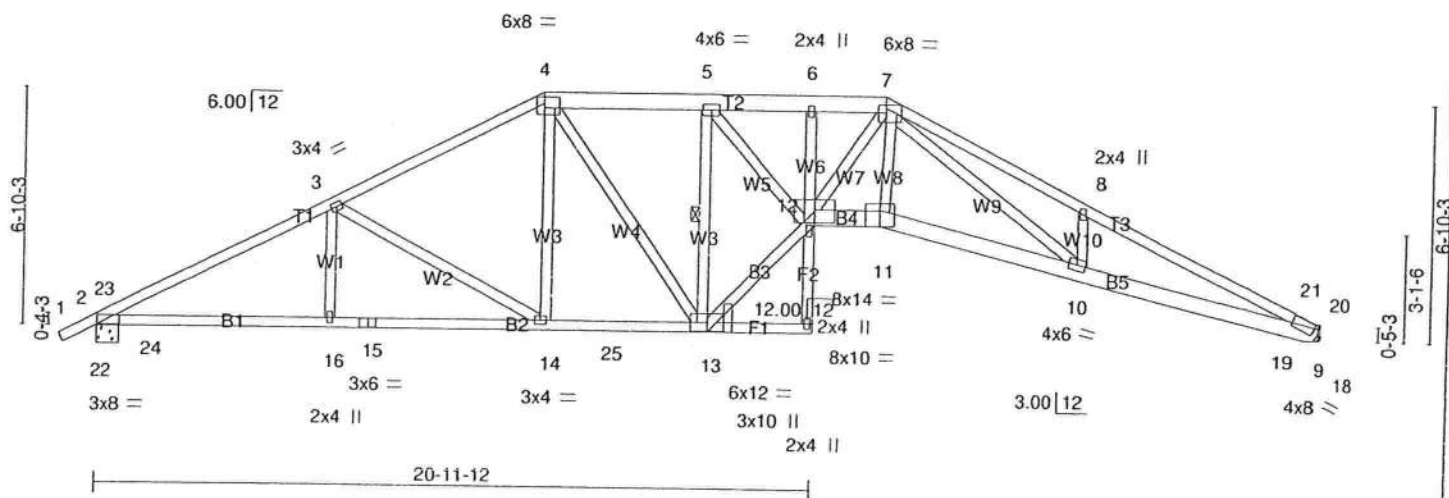


Plate Offsets (X,Y): [2:0-8-4,0-0-6], [4:0-1-12,0-3-12], [7:0-6-4,0-3-0], [13:0-0-3,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.51	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.56	Vert(LL) 0.42 10-11 >999 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.41	Vert(TL) -0.61 10-11 >703 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.35 9 n/a n/a		
	Code FRC2007/TPI2002			Weight: 224 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*
T2: 2 X 6 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B4: 2 X 6 SYP No.2, B5: 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.2

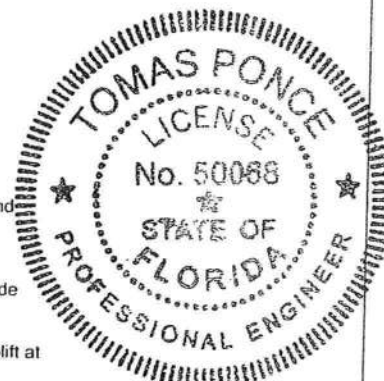
REACTIONS (lb/size) 18=1201/Mechanical, 22=1281/0-1-8 (input: 0-8-0)
Max Horz 22=172(LC 6)
Max Uplift 18=-407(LC 7), 22=-498(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-1526/778, 3-23=-2236/1287, 3-4=-1826/1154, 4-5=-1701/1194, 5-6=-3138/1881,
6-7=-3137/1880, 7-8=-3836/2392, 8-21=-3860/2210, 20-21=-1900/1001
BOT CHORD 22-24=-967/1745, 16-24=-1040/1939, 15-16=-1040/1939, 14-15=-1040/1939,
14-25=-746/1590, 13-25=-746/1591, 12-13=-1148/2362, 11-12=-1493/3086,
10-11=-1542/3170, 10-19=-1908/3491, 18-19=-939/1745
WEBS 3-14=-413/337, 4-14=-85/386, 4-13=-197/300, 5-13=-1695/943, 5-12=-1007/2095,
8-10=-224/360, 7-12=-184/269, 7-11=-412/1025, 7-10=-524/490, 18-20=-689/353,
19-21=-77/295, 18-21=-1950/1046, 19-20=-921/1729, 2-22=-1180/844, 23-24=-276/403,
22-23=-437/577, 2-24=-1117/713

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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, with BCDL = 10.0psf.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 407 lb uplift at joint 18 and 498 lb uplift at joint 22.

LOAD CASE(S) Standard



MAR 23 2009

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:02:56 2009 Page 1



8-0-8

LOADING (psf)	SPACING	2-0-0	CSI	REF	
---------------	---------	-------	-----	-----	--

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 16.0	Plates Increase 1.25	TC 0.53	Vert(LL) 0.68 12 >633 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.89	Vert(TL) -0.99 12-13 >437 180		
BCLL 0.0	Rep Stress Incr YES	WB 0.37	Horz(TL) 0.61 8 n/a n/a		
BCDL 10.0	Code FRC2007/TPI2002	(Matrix-M)			
				Weight: 203 lb	

Weight: 203 lb

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B2: 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.2, Right: 2 X 4 SYP No.2

TOP CHORD	Structural wood sheathing directly applied or 2-11-11 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 4-6-8 oc bracing. Except: 4-6-0 oc bracing: 10-11 4-7-0 oc bracing: 10-24 5-5-0 oc bracing: 11-12
JOINTS	1 Brace at Jt(s): 11, 10

(lb/size) 21=1237/0-1-8 (input: 0-8-0), 24=1237/0-1-8 (input: 0-8-0)
Max Horz 21=137(LC 6)
Max Uplift21=-473(LC 6), 24=-473(LC 7)

- Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

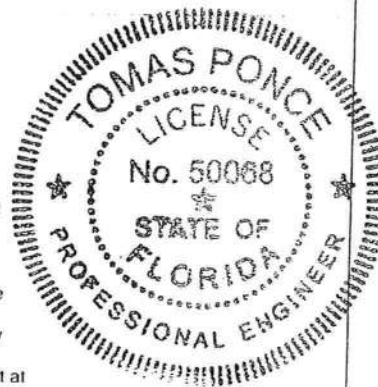
2-22=-1702/902, 3-22=-3881/2257, 3-4=-3520/2054, 4-5=-3699/2286, 5-6=-3699/2286,
6-7=-3520/2054, 7-25=-3881/2257, 8-25=-1702/902

21-23=-678/1398, 14-23=-1879/3521, 13-14=-1888/3539, 12-13=-1537/3169,
11-12=-1537/3169, 10-11=-1888/3539, 10-26=-1879/3521, 24-26=-678/1398

3-13=-313/358, 4-12=-417/29, 5-12=-324/396, 6-12=-413/729, 7-11=-313/372,
4-13=-427/1031, 6-11=-427/1031, 2-21=-785/571, 22-23=-356/310, 21-22=-1339/794,
2-23=-699/1246, 8-24=-785/571, 25-26=-365/310, 24-25=-1339/794, 8-26=-699/1246

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) Bearing at joint(s) 21, 24 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 473 lb uplift at joint 21 and 473 lb uplift at joint 24.

LOAD CASE(S) Standard



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	HS5X	SPECIAL	1	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:02:58 2009 Page 1

8-0-8	5-0-13	9-0-0	15-4-0	27-0-0	30-11-3	36-0-0	8-0-8
1-0-0	5-0-13	3-11-3	6-4-0	11-8-0	3-11-3	5-0-13	37-0-0
							1-0-0

Scale: 3/16"=1'

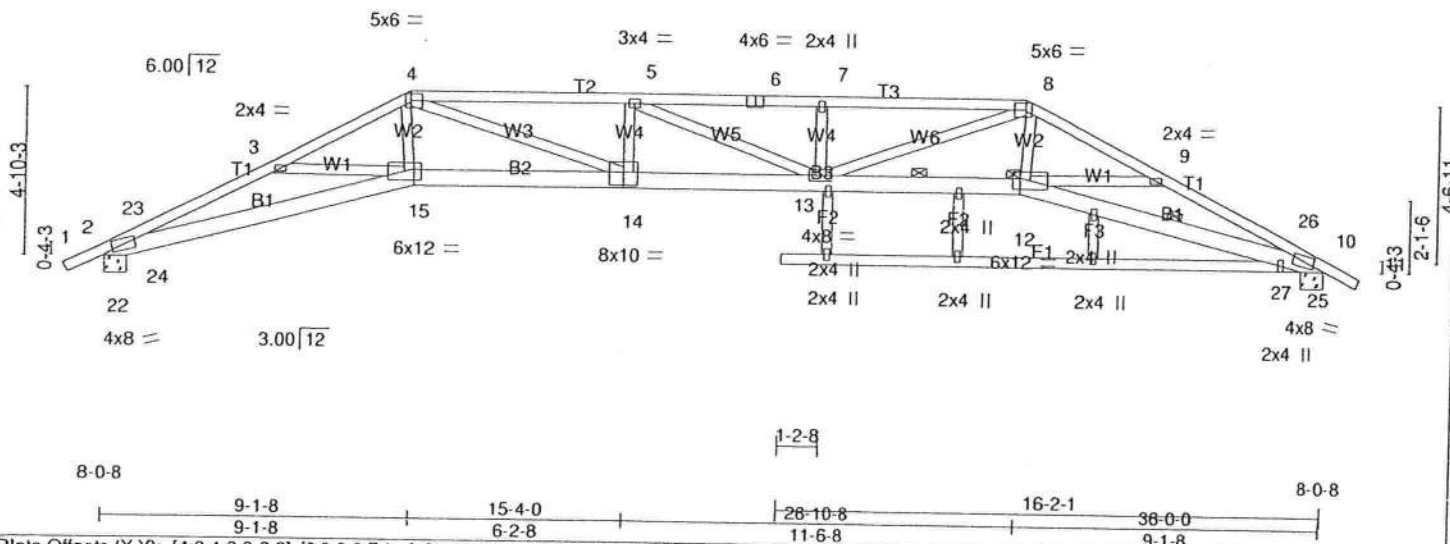


Plate Offsets (X,Y): [4:0-4-0,0-2-8], [6:0-3-0,Edge], [8:0-4-0,0-2-8], [14:0-5-0,0-4-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.57	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.66	Vert(LL) 0.80 13-14 >539 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.53	Vert(TL) -1.11 13-14 >391 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.55 10 n/a n/a		
	Code FRC2007/TPI2002				
				Weight: 228 lb	

LUMBER

TOP CHORD 2 X 4 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

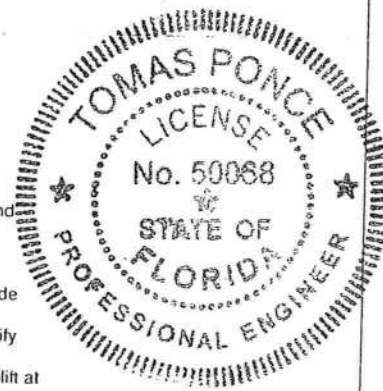
REACTIONS (lb/size) 22=1237/0-1-8 (input: 0-8-0), 25=1237/0-1-8 (input: 0-8-0)
Max Horz 22=-118(LC 7)
Max Uplift 22=-449(LC 6), 25=-449(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-1920/973, 3-23=-3992/2463, 3-4=-3772/2221, 4-5=-4414/2785, 5-6=-4363/2749, 6-7=-4363/2749, 7-8=-4363/2749, 8-9=-3768/2219, 9-26=-3993/2466, 10-26=-1927/978
BOT CHORD 22-24=-1036/2203, 15-24=-2088/3635, 14-15=-1746/3412, 13-14=-2451/4414, 12-13=-1743/3408, 12-27=-2091/3636, 25-27=-1042/2214
WEBS 3-15=-165/347, 4-14=-752/1176, 5-14=-290/318, 7-13=-259/314, 8-13=-721/1131, 9-12=-171/356, 4-15=-405/1015, 8-12=-412/1018, 2-22=-1262/796, 23-24=-578/528, 22-23=-427/326, 2-24=-330/58, 10-25=-1269/799, 26-27=-577/528, 25-26=-419/323, 10-27=-341/64

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Bearing at joint(s) 22, 25 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 449 lb uplift at joint 22 and 449 lb uplift at joint 25.

LOAD CASE(S) Standard

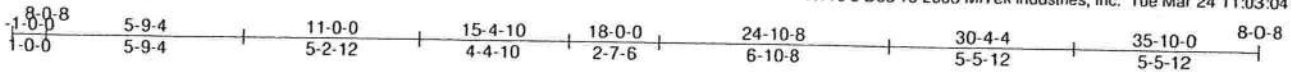


[Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	MHS1X	SPECIAL	1	1	
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:04 2009 Page 1



Scale = 1:64.7

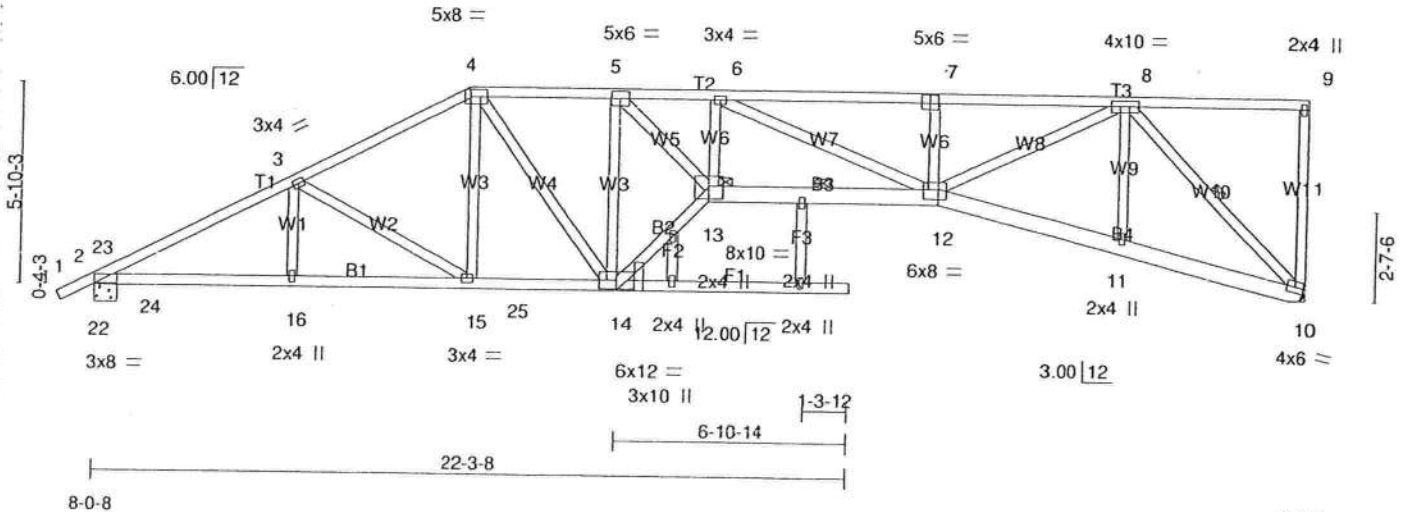


Plate Offsets (X,Y): [2:0-4-12,0-1-8], [4:0-6-0,0-2-8], [7:0-3-0,0-3-0], [12:0-5-4,0-3-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.52	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.65	Vert(LL) 0.47 12-13 >915 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.97	Vert(TL) -0.62 12-13 >695 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.31 10 n/a n/a		
	Code FRC2007/TPI2002				
				Weight: 238 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B3,B4: 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-1-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-4-7 oc bracing. Except:
WEBS 5-0-0 oc bracing: 12-13
JOINTS 1 Row at midpt 8-10
1 Brace at Jt(s): 13

REACTIONS (lb/size) 10=1185/Mechanical, 22=1269/0-1-8 (input: 0-8-0)
Max Horz 22=330(LC 6)
Max Uplift 10=552(LC 5), 22=461(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-23=-1481/813, 3-23=-2234/1285, 3-4=-1914/1192, 4-5=-1904/1284, 5-6=-3716/2511,
6-7=-3196/2153, 7-8=-3166/2117

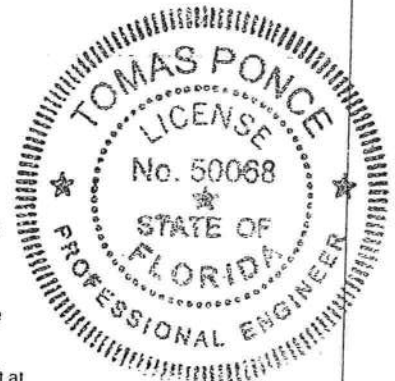
BOT CHORD 22-24=-1172/1676, 16-24=-1368/1943, 15-16=-1368/1943, 15-25=-1137/1674,
14-25=-1137/1675, 13-14=-1764/2628, 12-13=-2519/3717, 11-12=-914/1360,
10-11=-912/1363

WEBS 3-15=-315/264, 4-15=-58/324, 4-14=-264/368, 5-14=-2043/1443, 5-13=-1825/2692,
6-12=-566/397, 7-12=-290/355, 8-12=-1393/2093, 8-10=-1861/1245, 2-22=-1145/855,
23-24=-252/345, 22-23=-463/504, 2-24=-1024/644

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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, with BCDL = 10.0psf.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 552 lb uplift at joint 10 and 461 lb uplift at joint 22.

LOAD CASE(S) Standard



[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_07
GEORGETOWN	MHS2X	SPECIAL	1	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:06 2009 Page 1

8-0-8	4-11-4	9-0-0	15-4-10	17-6-0	22-2-4	26-10-8	31-4-4	35-10-0	8-0-8
1-0-0	4-11-4	4-0-12	6-4-10	2-1-6	4-8-4	4-8-4	4-5-12	4-5-12	

Scale = 1:64.7

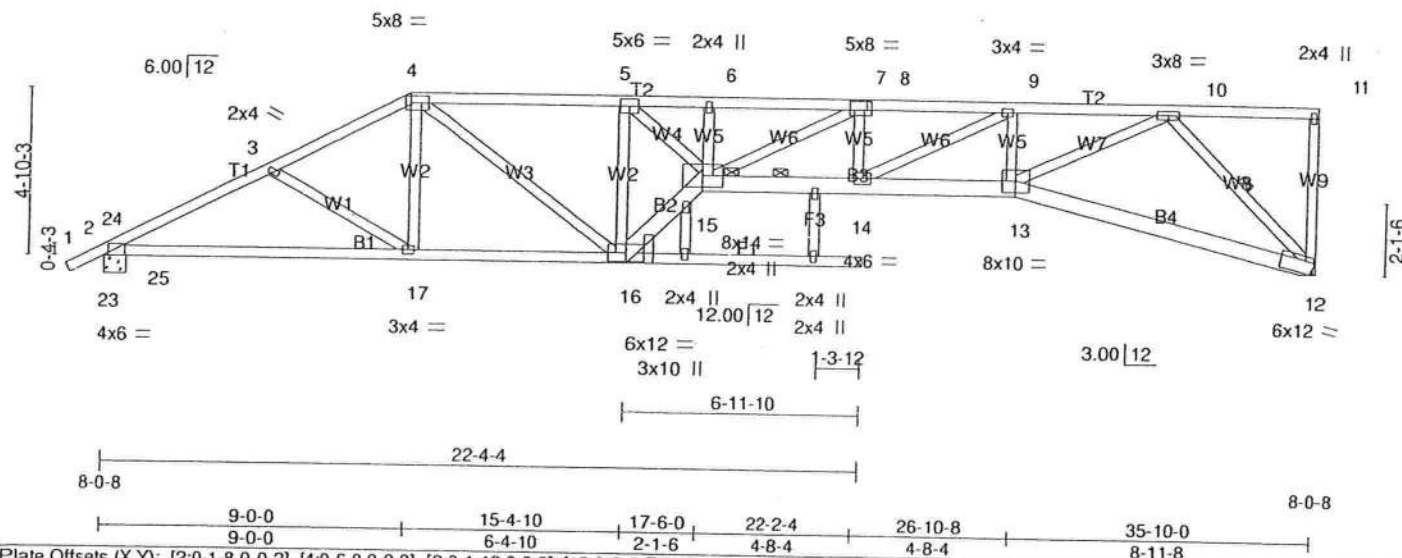


Plate Offsets (X,Y): [2:0-1-8,0-0-2], [4:0-6-0,0-2-8], [8:0-1-12,0-3-0], [12:0-3-3,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.58	Vert(LL)	0.63 14-15	>677	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.82	Vert(TL)	-0.80 14-15	>535	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.77	Horz(TL)	0.34 12	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)						
									Weight: 226 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2 *Except*
B1,F1: 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2

REACTIONS (lb/size) 12=1167/Mechanical, 23=1237/0-1-8 (input: 0-8-0)
Max Horz 23=278(LC 6)
Max Uplift 12=556(LC 5), 23=461(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-24=-1633/683, 3-24=-2119/1383, 3-4=-1946/1276, 4-5=-2302/1599, 5-6=-4341/2988,
6-7=-4347/2996, 7-8=-4151/2855, 8-9=-4151/2855, 9-10=-3304/2200

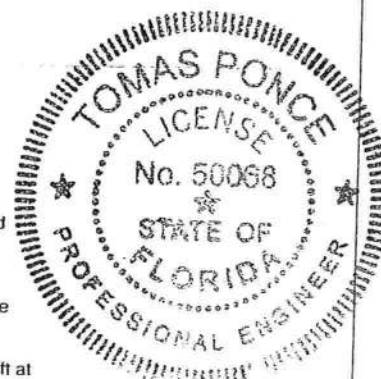
BOT CHORD 23-25=-969/1889, 17-25=-1400/1841, 16-17=-1210/1728, 15-16=-2136/3078,
14-15=-2855/4151, 13-14=-2235/3343, 12-13=-947/1316

WEBS 4-17=-7/296, 4-16=-475/700, 5-16=-2403/1762, 5-15=-2069/3029, 7-14=-330/348,
9-14=-698/910, 9-13=-620/569, 10-13=-1454/2308, 10-12=-1781/1309, 2-23=-1234/779,
24-25=-180/430, 23-24=-226/1040, 2-25=-1693/356

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 556 lb uplift at joint 12 and 461 lb uplift at joint 23.

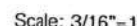
LOAD CASE(S) Standard



MAR 23 2009

Maronda Homes Inc., Sanford, FL	
---------------------------------	--

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:01 2009 Page 1



8-0-8

Weight: 645 lb

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 6 SYP No.2 *Except*

B3: 2 X 6 SYP No.1D, F1: 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.2

(lb/size) 2=3027/0-1-8 (input: 0-8-0), 24=3050/0-1-8 (input: 0-8-0)

Max Horz 2=-99(LC 8)

Max Uplift2=-1765(LC 7), 24=-1778(LC 8)

) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-22=-6281/3503, 3-22=-6334/3596, 3-4=-6290/3637, 4-27=-8075/4672, 27-28=-8075/4672

5-28=-8074/4672, 5-6=-16053/9142, 6-29=-15583/8820, 29-30=-15583/8820.

30-31=-15583/8820, 7-31=-15583/8820, 7-32=-15583/8820, 32-33=-15583/8820,

33-34=-15583/8820, 8-34=-15583/8820, 8-9=-11341/6447, 9-10=-11719/6623

10-25=-10058/5648, 11-25=-6250/3439

BOT CHORD 2-23=-3188/5618, 19-23=-3199/5634, 18-19=-3199/5634, 18-35=-3203/5671.

35-36=-3204/5672, 17-36=-3204/5674, 16-17=-5984/10665, 16-37=-9044/160

37-38=-9043/16062, 38-39=-9043/16060, 39-40=-9042/16059, 15-40=-9042/16059

15-41=-6277/11314, 41-42=-6277/11315, 42-43=-6277/11315, 14-43=-6277/1

14-44=-5213/9463, 13-44=-5096/9271, 13-26=-4994/9080, 24-26=-3317/6065

WEBS 4-18=-460/905, 4-17=-1667/2817, 5-17=-8381/4773, 5-16=-6500/11552, 6-15=-

7-15=-404/448, 8-15=-2622/4505, 9-14=-2034/3754, 10-14=-1160/1787, 10-13

11-24=-3606/2066, 25-26=-634/430, 24-25=-945/535

11-21-3333/2000, 23-23-3333/2000, 24-23-3333/2000

1) 3-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 0-7-0 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) Unbalanced roof live loads have been considered for this design.

4) Wind: ASCE 7-05; 140mph (3-second gust); TCDF=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise);
Lumber DOL = 1.60 plate grip DOL = 1.60

5) 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.

*) 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.

3) Bearing at joint(s) 24 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

b) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1765 lb uplift at joint 2 and 1778 lb uplift at joint 24.



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	HSGRD1X	SPECIAL	1	3	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:01 2009 Page 2

NOTES

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 98 lb down and 94 lb up at 7-0-0, 98 lb down and 94 lb up at 8-11-4, 98 lb down and 94 lb up at 10-11-4, 98 lb down and 94 lb up at 12-10-2, 18 lb down and 66 lb up at 14-11-4, 18 lb down and 66 lb up at 16-11-4, 18 lb down and 66 lb up at 18-11-4, 18 lb down and 66 lb up at 20-11-4, 18 lb down and 66 lb up at 22-11-4, and 18 lb down and 66 lb up at 24-11-4, and 18 lb down and 66 lb up at 26-11-4 on top chord, and 660 lb down and 414 lb up at 7-0-0, 111 lb down and 72 lb up at 8-11-4, 111 lb down and 72 lb up at 10-11-4, 111 lb down and 72 lb up at 12-10-14, 187 lb down and 101 lb up at 14-11-4, 187 lb down and 101 lb up at 16-11-4, 187 lb down and 101 lb up at 18-11-4, 187 lb down and 101 lb up at 20-11-4, 187 lb down and 101 lb up at 22-11-4, 187 lb down and 101 lb up at 24-11-4, and 187 lb down and 101 lb up at 26-11-4, and 789 lb down and 525 lb up at 28-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

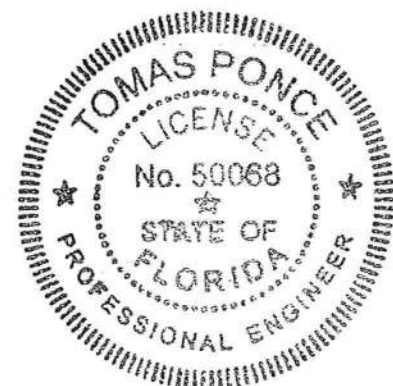
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-4=-46, 4-9=-46, 9-12=-46, 2-17=-20, 16-17=-20, 14-16=-20, 14-24=-20

Concentrated Loads (lb)

Vert: 4=-98(B) 17=-111(B) 18=-660(B) 5=-98(B) 6=-18(B) 27=-98(B) 28=-98(B) 29=-18(B) 30=-18(B) 31=-18(B) 32=-18(B) 33=-18(B) 34=-18(B) 35=-111(B) 36=-111(B) 37=-187(B) 38=-187(B) 39=-187(B) 40=-187(B) 41=-187(B) 42=-187(B) 43=-187(B) 44=-789(B)

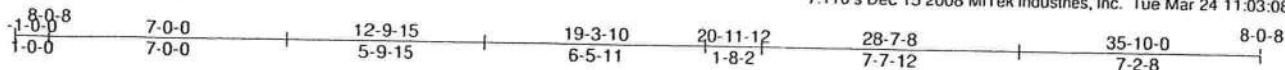


[Handwritten Signature]

Mar 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	MHSGRDX	SPECIAL	1	3	
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:08 2009 Page 1



Scale = 1:64.7

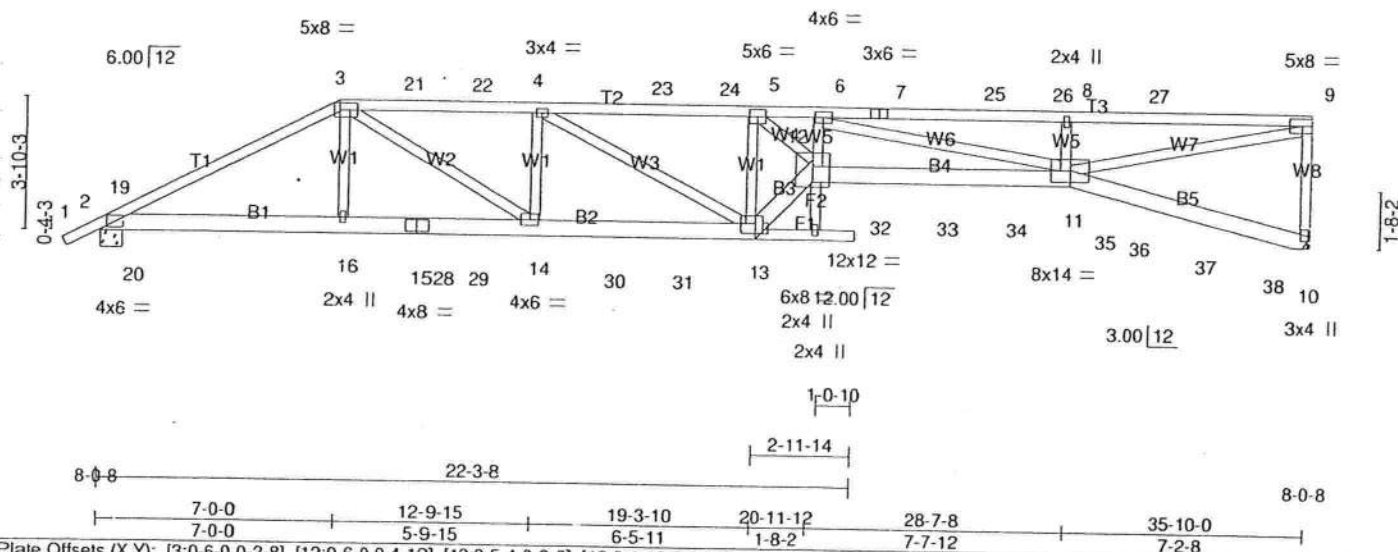


Plate Offsets (X,Y): [3:0-6-0,0-2-8], [12:0-6-0,0-4-12], [13:0-5-4,0-3-8], [13:0-1-12,0-2-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.58	Vert(LL)	0.67 11-12	>638	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.77	Vert(TL)	-0.98 11-12	>437	180		
BCLL 0.0	Rep Stress Incr	NO	WB 0.63	Horz(TL)	0.32 10	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)						

Weight: 649 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.2 *Except*
B4: 2 X 6 SYP No.1D, F1: 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-11-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

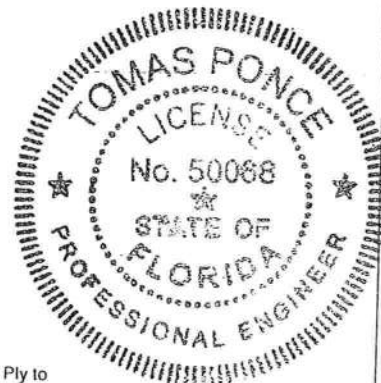
REACTIONS (lb/size) 10=3250/Mechanical, 2=2960/0-1-8 (input: 0-8-0)
Max Horz 2=226(LC 5)
Max Uplift 10=1946(LC 4), 2=1719(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-19=-6098/3339, 3-19=-6185/3524, 3-21=-7692/4458, 21-22=-7692/4458, 4-22=-7691/4458, 4-23=-8342/4855, 23-24=-8342/4855, 5-24=-8342/4855, 5-6=-15284/8903, 6-7=-10217/6020, 7-25=-10217/6020, 25-26=-10217/6020, 8-26=-10217/6020, 8-27=-10186/5987, 9-27=-10186/5987, 9-10=-2724/1647, 2-20=-3206/5476, 16-20=-3225/5495, 16-28=-3245/5536, 15-28=-3245/5536, 15-29=-3245/5536, 14-29=-3245/5536, 14-30=-4459/7691, 30-31=-4459/7692, 13-31=-4459/7693, 12-13=-6352/10962, 12-32=-8868/15201, 32-33=-8868/15199, 33-34=-8867/15198, 11-34=-8867/15197, 11-35=-197/339, 35-36=-179/292, 3-16=-472/985, 3-14=-1561/2508, 4-14=-945/710, 4-13=-473/736, 5-13=-7405/4359, 5-12=-5867/10057, 6-12=-423/1018, 6-11=-5123/2972, 8-11=-371/407, 9-11=-6037/10298, 19-20=-261/404

NOTES

- 3-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.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1946 lb uplift at joint 10 and 1719 lb uplift at joint 2.



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	MHSGRDX	SPECIAL	1	3	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:08 2009 Page 2

NOTES

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 98 lb down and 94 lb up at 7-0-0, 98 lb down and 94 lb up at 9-0-8, 98 lb down and 94 lb up at 11-0-8, 98 lb down and 94 lb up at 13-0-8, 98 lb down and 94 lb up at 15-0-8, 98 lb down and 94 lb up at 17-0-8, 98 lb down and 94 lb up at 19-0-8, 18 lb down and 66 lb up at 21-0-8, 18 lb down and 66 lb up at 22-11-4, 18 lb down and 66 lb up at 24-11-4, and 18 lb down and 66 lb up at 26-11-4, and 18 lb down and 66 lb up at 28-11-4 on top chord, and 660 lb down and 414 lb up at 7-0-0, 111 lb down and 72 lb up at 9-0-8, 111 lb down and 72 lb up at 11-0-8, 111 lb down and 72 lb up at 13-0-8, 111 lb down and 72 lb up at 15-0-8, 111 lb down and 72 lb up at 17-0-8, 111 lb down and 72 lb up at 19-3-10, 187 lb down and 101 lb up at 20-11-12, 187 lb down and 101 lb up at 22-11-4, 187 lb down and 101 lb up at 24-11-4, 187 lb down and 101 lb up at 26-11-4, 187 lb down and 101 lb up at 28-11-4, 258 lb down and 185 lb up at 30-11-4, and 258 lb down and 185 lb up at 32-11-4, and 258 lb down and 185 lb up at 34-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

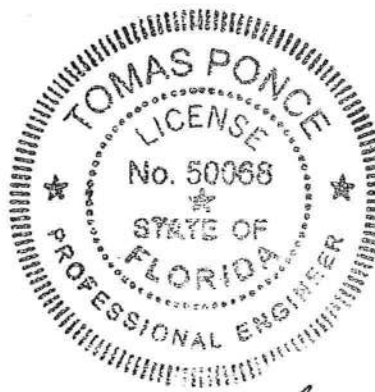
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-46, 3-9=-46, 2-13=-20, 12-13=-20, 11-12=-20, 10-11=-20

Concentrated Loads (lb)

Vert: 3=-98(B) 7=-18(B) 12=-187(B) 16=-660(B) 14=-111(B) 4=-98(B) 13=-111(B) 5=-98(B) 6=-18(B) 21=-98(B) 22=-98(B) 23=-98(B) 24=-98(B) 25=-18(B) 26=-18(B) 27=-18(B) 28=-111(B) 29=-111(B) 30=-111(B) 31=-111(B) 32=-187(B) 33=-187(B) 34=-187(B) 35=-187(B) 36=-258(B) 37=-258(B) 38=-258(B)



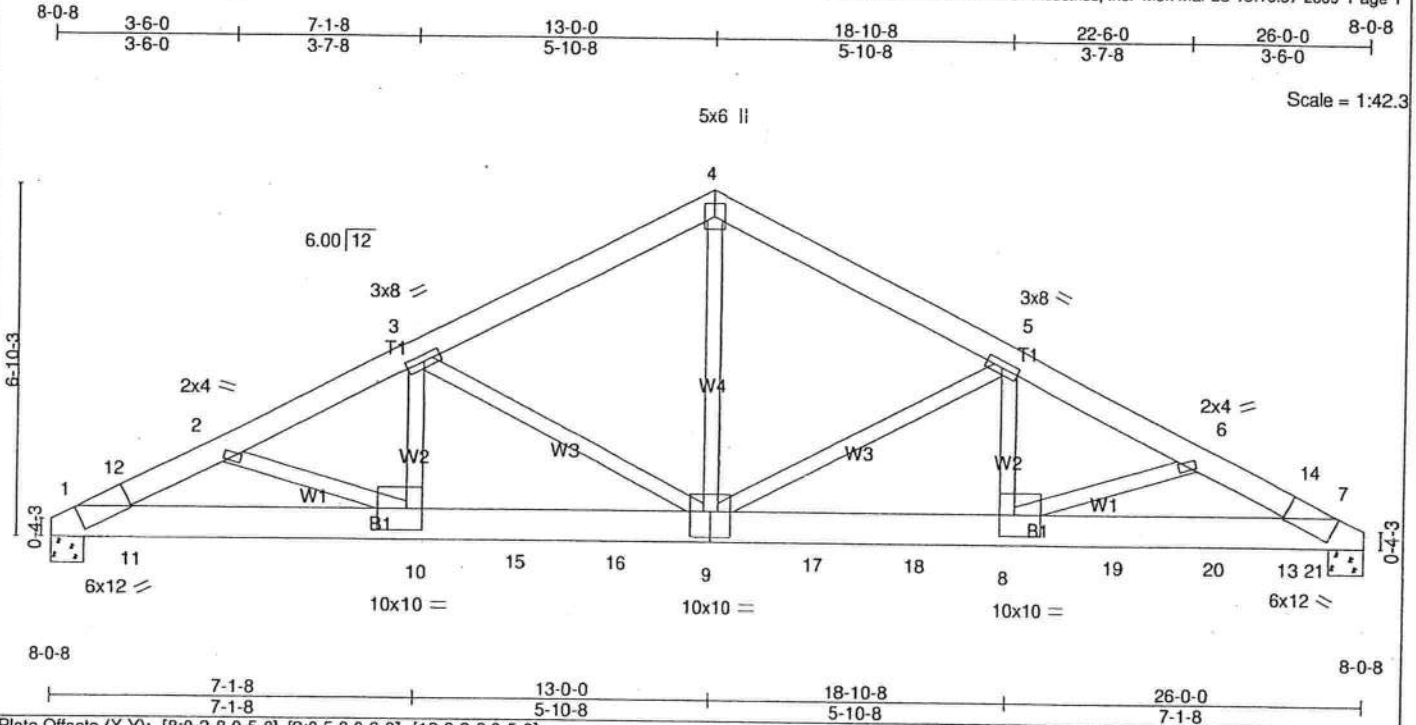
[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	GRD1X	COMMON	1	3	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:16:57 2009 Page 1



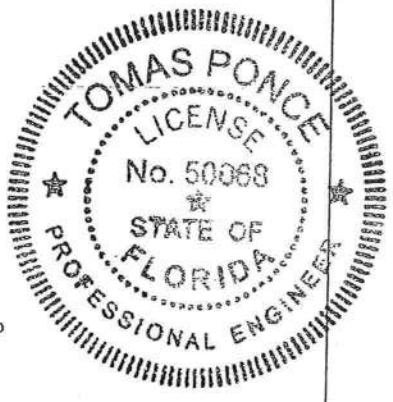
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCCL 16.0	0-8-0	TC 0.79	in (loc) l/defl L/d	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.96	Vert(LL) 0.22 9-10 >999 240		
BCCL 0.0	Lumber Increase 1.25	WB 0.69	Vert(TL) -0.37 9-10 >816 180		
BCCL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) 0.11 7 n/a n/a		
	Code FRC2007/TPI2002				
					Weight: 577 lb

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 5-5-3 oc purlins.
BOT CHORD 2 X 8 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.2	

REACTIONS (lb/size) 1=8080/0-2-12 (input: 0-8-0), 7=11085/0-3-12 (input: 0-8-0)
 Max Horz 1=-44(LC 3)
 Max Uplift 1=-3728(LC 5), 7=-5208(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-15066/6950, 2-12=-17544/8100, 2-3=-18038/8310, 3-4=-12792/5926,
 4-5=-12786/5923, 5-6=-18498/8653, 6-14=-19244/9018, 7-14=-18309/8576
BOT CHORD 1-11=-6209/13387, 10-11=-7170/15471, 10-15=-7449/16159, 15-16=-7449/16159,
 9-16=-7449/16159, 9-17=-7692/16522, 17-18=-7692/16522, 8-18=-7692/16522,
 8-19=-8194/17516, 19-20=-8194/17516, 13-20=-8194/17516, 13-21=-7357/15717,
 7-21=-7329/15658
WEBS 2-10=-317/758, 3-10=-2246/4964, 3-9=-5408/2514, 4-9=-5138/11148, 5-9=-5827/2841,
 5-8=-2615/5493, 6-8=-1055/533, 11-12=-1494/693, 13-14=-691/1494

- NOTES**
- 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 - 4 rows at 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 140mph (3-second gust); TCCL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=3728, 7=5208.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1620 lb down and 690 lb up at 9-0-12, 1636 lb down and 682 lb up at 11-0-12, 3717 lb down and 1779 lb up at 7-0-0, 1694 lb down and 811 lb up at 13-0-0, 1684 lb down and 806 lb up at 15-0-0, 1604 lb down and 768 lb up at 17-0-0, 1663 lb down and 796 lb up at 19-0-0, 1663 lb down and 796 lb up at 21-0-0, and 1663 lb down and 796 lb up at 23-0-0, and 1663 lb down and 796 lb up at 25-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.



[Signature]

MAR 23 2009

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	GRD1X	COMMON	1	3	Job Reference (optional)
Maronda Homes Inc., Sanford, FL			7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:16:57 2009 Page 2		

LOAD CASE(S) Standard

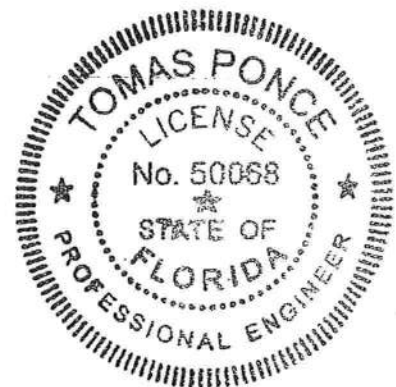
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-4=-15, 4-7=-15, 1-7=-7

Concentrated Loads (lb)

Vert: 10=-3717(F) 9=-1694(F) 8=-1663(F) 15=-1620(F) 16=-1636(F) 17=-1684(F) 18=-1604(F) 19=-1663(F) 20=-1663(F) 21=-1663(F)



A handwritten signature in black ink, appearing to be "TP" or similar initials, written over the seal area.

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	S2X	SPECIAL	5	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:56 2009 Page 1

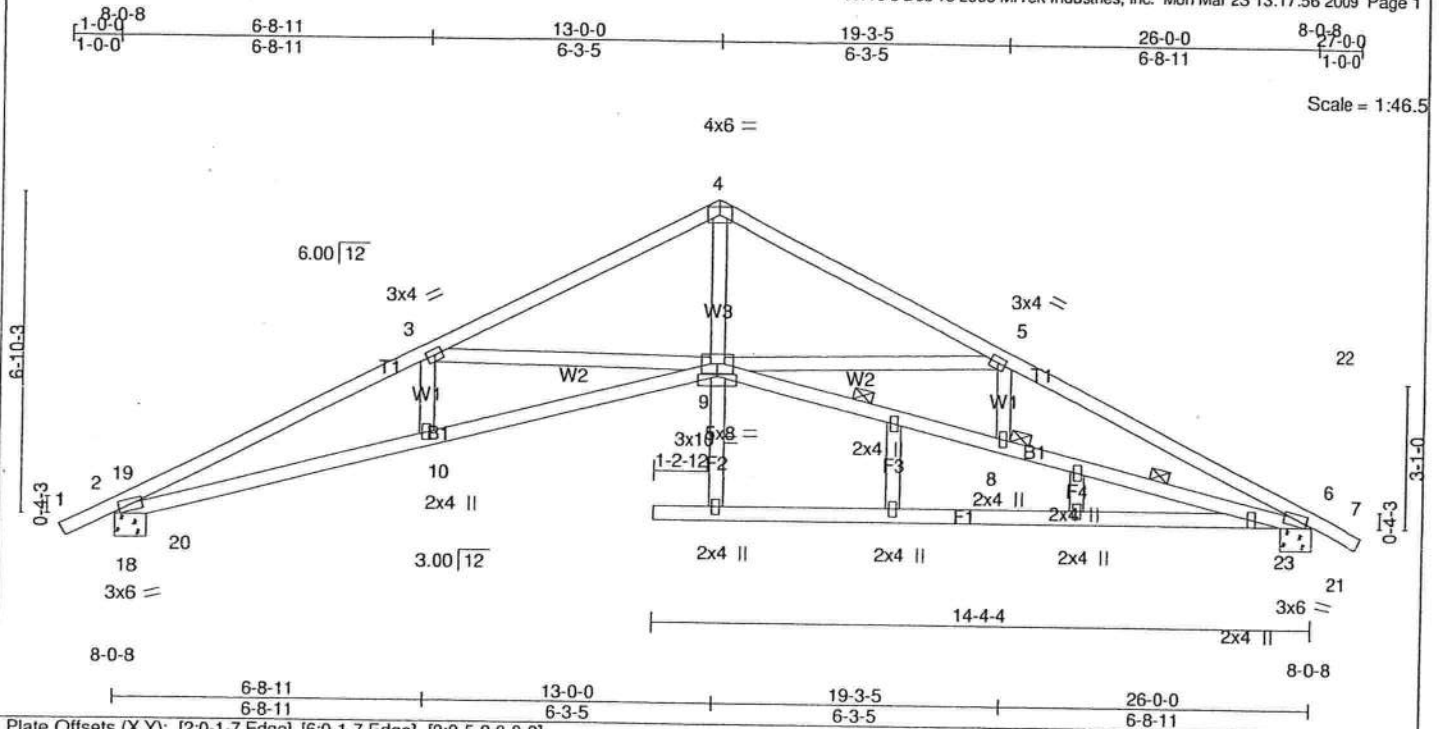


Plate Offsets (X,Y): [2:0-1-7,Edge], [6:0-1-7,Edge], [9:0-5-0,0-0-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.40	Vert(LL)	0.29	8-9	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.74	Vert(TL)	-0.50	8-9	>620	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.40	Horz(TL)	0.34	6	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)							
									Weight: 143 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 3-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-10 oc bracing. Except:
6-1-0 oc bracing: 8-9, 8-21
1 Brace at Jt(s): 8

REACTIONS

(lb/size) 18=907/0-1-8 (input: 0-8-0), 21=907/0-1-8 (input: 0-8-0)
Max Horz 18=156(LC 6)
Max Uplift 18=412(LC 6), 21=412(LC 7)

JOINTS

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-19=-636/149, 3-19=-2636/1355, 3-4=-1943/942, 4-5=-1943/942, 5-22=-2636/1355,
6-22=-636/149

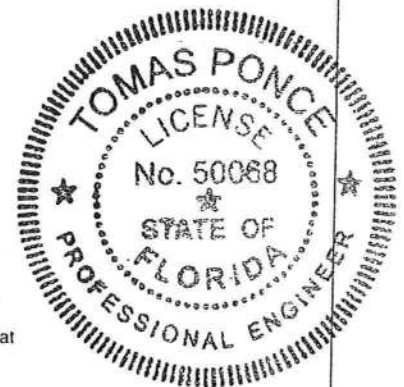
BOT CHORD 18-20=-215/469, 10-20=-1062/2367, 9-10=-1066/2381, 8-9=-1066/2381, 8-23=-1062/2367,
21-23=-126/469

WEBS 3-9=-670/549, 4-9=-506/1365, 5-9=-670/549, 2-18=-527/403, 19-20=-585/565,
18-19=-615/332, 2-20=-265/545, 6-21=-527/403, 22-23=-585/565, 21-22=-615/332,
6-23=-265/545

NOTES

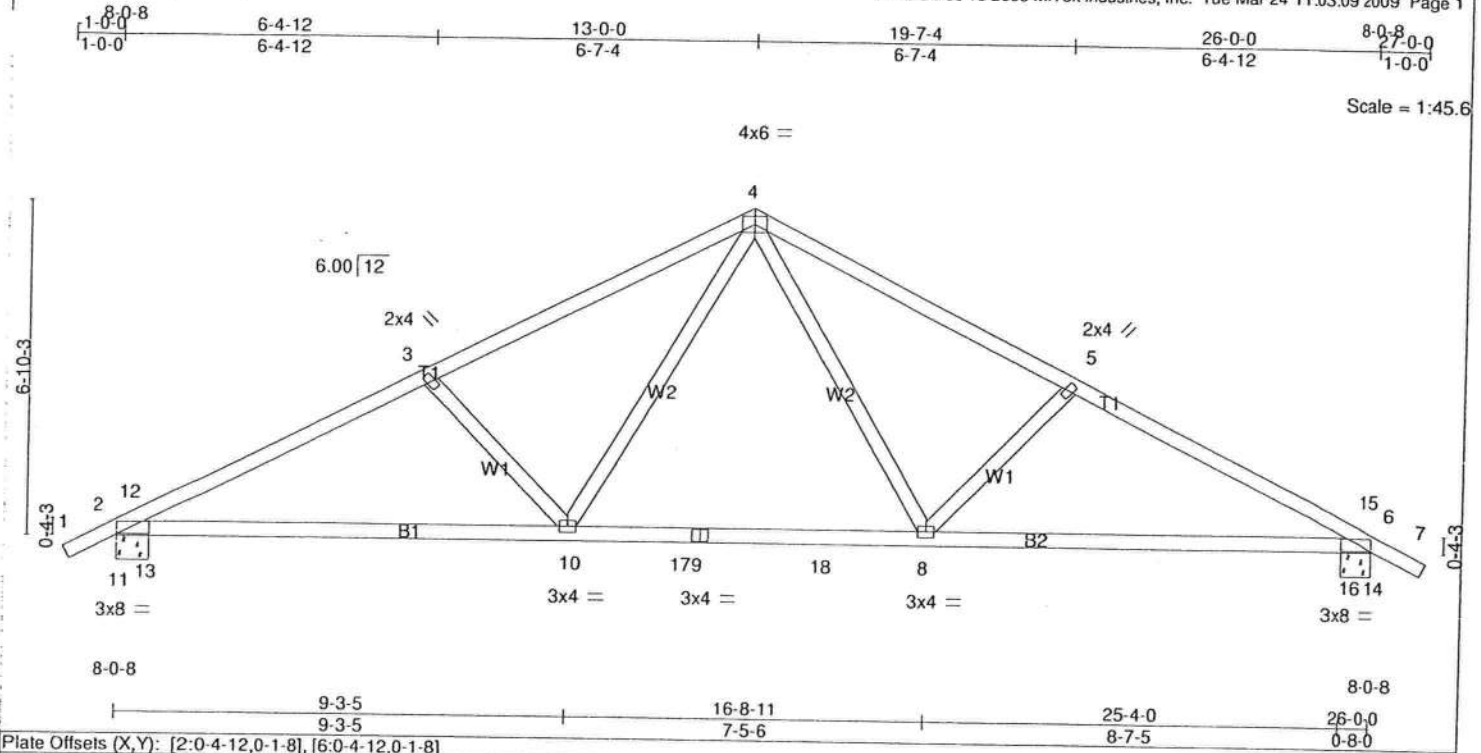
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Bearing at joint(s) 18, 21 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 412 lb uplift at joint 18 and 412 lb uplift at joint 21.

LOAD CASE(S) Standard



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	T1X	COMMON	3	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)
7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:09 2009 Page 1					



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.37	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.48	Vert(LL) -0.17 8-10 >999 240		
BCDL 0.0	Lumber Increase 1.25	WB 0.18	Vert(TL) -0.28 10-13 >999 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.05 6 n/a n/a		
	Code FRC2007/TP12002				
				Weight: 120 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-11-3 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 8-0-4 oc bracing.
WEBS 2 X 4 SYP No.2	

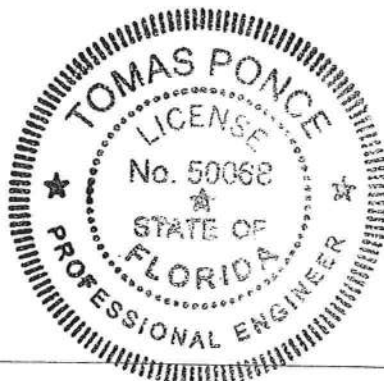
REACTIONS (lb/size) 11=965/0-1-8 (input: 0-8-0), 14=965/0-1-8 (input: 0-8-0)
Max Horz 11=-156(LC 7)
Max Uplift 11=-413(LC 6), 14=-413(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-1218/321, 3-12=-1568/883, 3-4=-1373/801, 4-5=-1373/801, 5-15=-1568/883, 6-15=-1218/321
BOT CHORD 11-13=-392/1407, 10-13=-613/1352, 10-17=-256/929, 9-17=-256/929, 9-18=-256/929, 8-18=-256/929, 8-16=-613/1352, 14-16=-358/1407
WEBS 3-10=-285/375, 4-10=-204/503, 4-8=-204/503, 5-8=-285/375, 2-11=-898/535, 12-13=-153/375, 11-12=-96/846, 2-13=-1354/169, 6-14=-898/535, 15-16=-153/375, 14-15=-47/846, 6-16=-1354/169

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 140mph (3-second gust); TCFL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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, with BCDL = 10.0psf.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 413 lb uplift at joint 11 and 413 lb uplift at joint 14.

LOAD CASE(S) Standard



[Handwritten signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	H1X	HIP	1	1	
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		
7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:02:50 2009 Page 1					

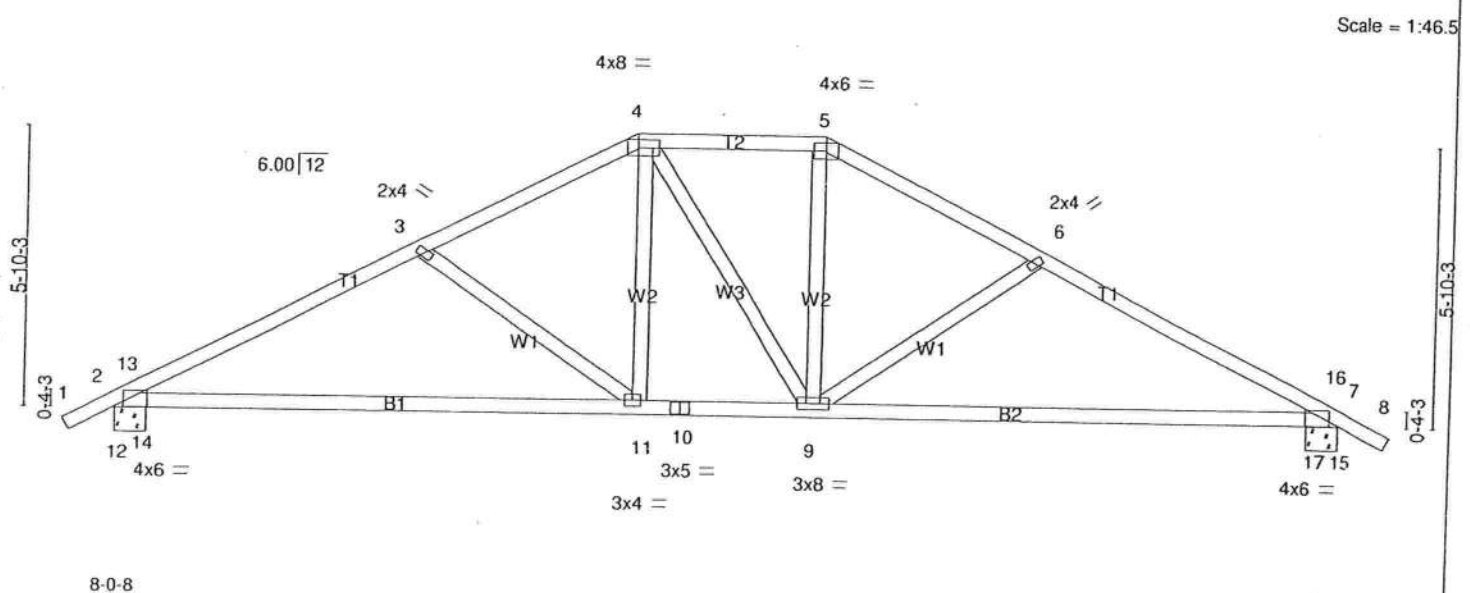
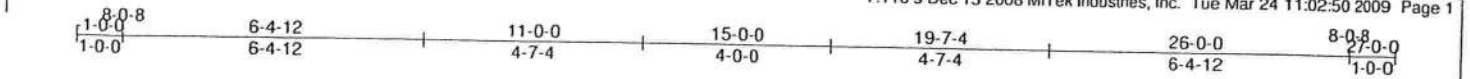


Plate Offsets (X,Y):	[2-0-2-4,0-0-2], [4-0-5-4,0-2-0], [7-0-2-4,0-0-2]
----------------------	---

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.32	Vert(LL)	-0.23 11-14	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.66	Vert(TL)	-0.60 11-14	>521	180		
BCLL 0.0	Lumber Increase 1.25	WB 0.13	Horz(TL)	0.05 7	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)						
	Code FRC2007/TPI2002							
							Weight: 126 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-7-13 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 7-10-3 oc bracing.
WEBS 2 X 4 SYP No.2	

REACTIONS (lb/size) 12=907/0-1-8 (input: 0-8-0), 15=907/0-1-8 (input: 0-8-0)
Max Horz 12=137(LC 6)
Max Uplift 12=398(LC 6), 15=398(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-1590/287, 3-13=-1356/907, 3-4=-1107/754, 4-5=-951/731, 5-6=-1108/754,
6-16=-1357/907, 7-16=-1586/287
BOT CHORD 12-14=-344/1881, 11-14=-626/1161, 10-11=-339/950, 9-10=-339/950, 9-17=-626/1161,
15-17=-337/1877
WEBS 3-11=-265/352, 4-11=-117/332, 5-9=-117/332, 6-9=-265/352, 2-12=-1058/528,
13-14=-28/462, 12-13=-78/1408, 2-14=-2123/111, 7-15=-1056/528, 16-17=-30/462,
15-16=-33/1403, 7-17=-2116/110

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-05; 140mph (3-second gust); TCCL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 398 lb uplift at joint 12 and 398 lb uplift at joint 15.

LOAD CASE(S) Standard



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	H2X	HIP	1	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:03 2009 Page 1

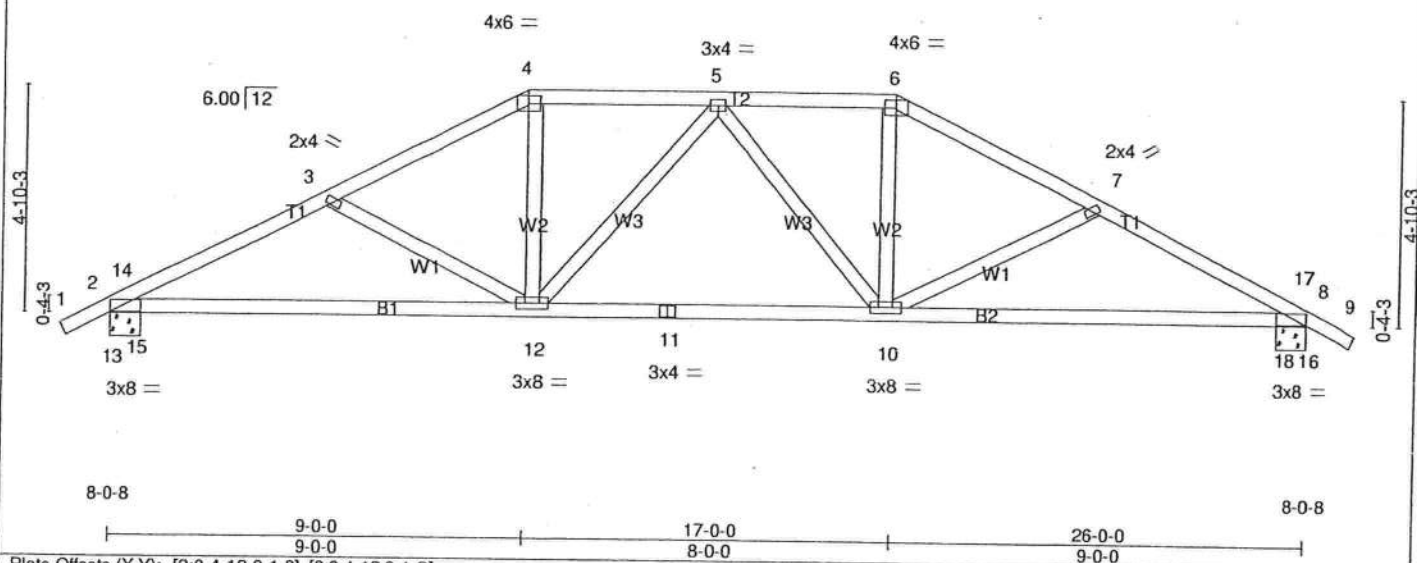
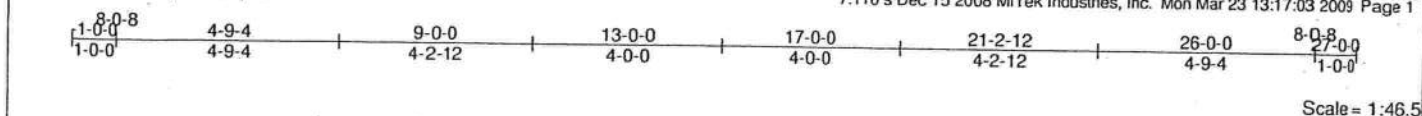


Plate Offsets (X,Y): [2:0-4-12,0-1-8], [8:0-4-12,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.25	Vert(LL)	-0.10 10-18	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.47	Vert(TL)	-0.26 10-18	>999	180		
BCLL 0.0	Lumber Increase 1.25	WB 0.10	Horz(TL)	0.05 8	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)						
	Code FRC2007/TPI2002							
							Weight: 128 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 5-2-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-4-9 oc bracing.

REACTIONS

(lb/size) 13=907/0-1-8 (input: 0-8-0), 16=907/0-1-8 (input: 0-8-0)
Max Horz 13=118(LC 6)
Max Uplift 13=-377(LC 6), 16=-377(LC 7)

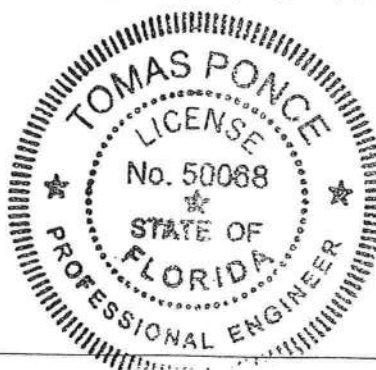
FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-14=-1146/231, 3-14=-1471/987, 3-4=-1265/836, 4-5=-1103/811, 5-6=-1103/811,
6-7=-1265/836, 7-17=-1471/987, 8-17=-1146/231
BOT CHORD 13-15=-205/1300, 12-15=-726/1278, 11-12=-561/1172, 10-11=-561/1172, 10-18=-726/1278,
16-18=-205/1300
WEBS 3-12=-213/285, 4-12=-131/385, 6-10=-131/385, 7-10=-213/285, 2-13=-827/468,
14-15=-76/335, 13-14=0/704, 2-15=-1175/0, 8-16=-827/468, 17-18=-76/335, 16-17=0/704,
8-18=-1175/0

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=377, 16=377.

LOAD CASE(S) Standard



Handwritten signature.

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	HGRD1X	HIP	1	2	
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		
7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:02:52 2009 Page 1					



Scale = 1:46.5

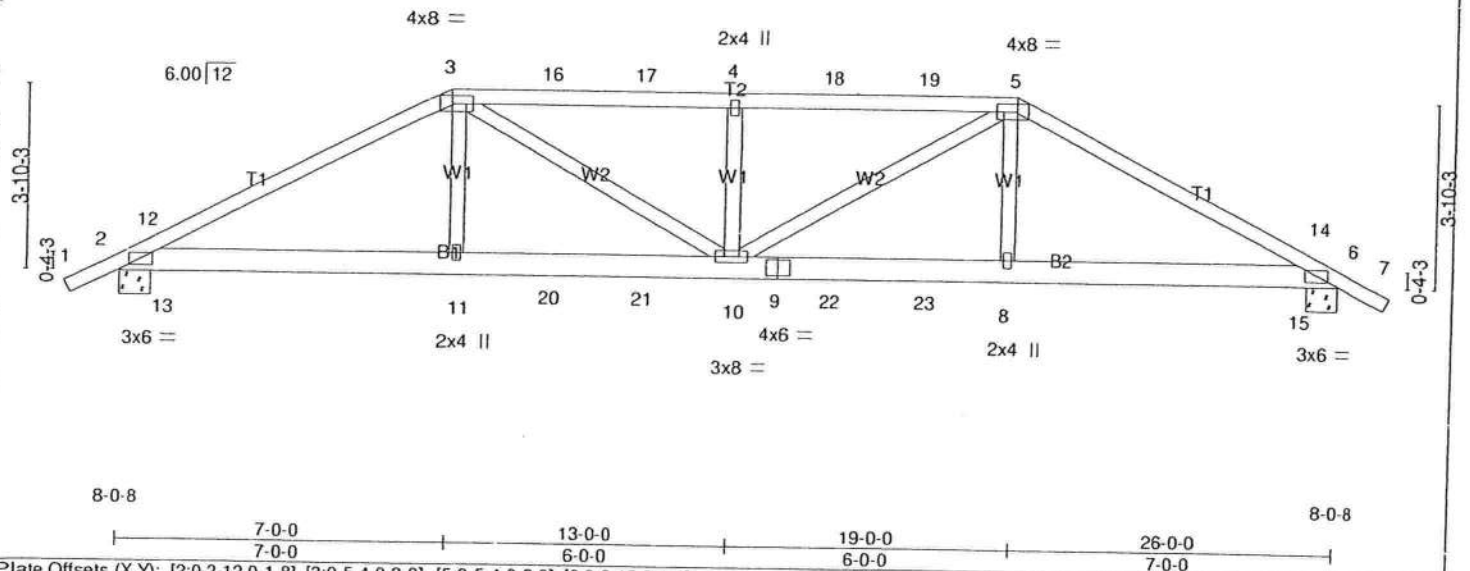


Plate Offsets (X,Y): [2:0-2-12,0-1-8], [3:0-5-4,0-2-0], [5:0-5-4,0-2-0], [6:0-2-12,0-1-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	Plates Increase 1.25	TC 0.33	in (loc) l/defl L/d	MT20	244/190
TCCL 7.0	Lumber Increase 1.25	BC 0.41	Vert(LL) 0.15 10 >999 240		
BCLL 0.0	Rep Stress Incr NO	WB 0.10	Vert(TL) -0.23 10 >999 180		
BCCL 10.0	Code FRC2007/TPI2002	(Matrix-M)	Horz(TL) 0.06 6 n/a n/a		
Weight: 277 lb					

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 5-11-13 oc purlins.
BOT CHORD 2 X 6 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.2	

REACTIONS (lb/size) 2=2184/0-1-8 (input: 0-8-0), 6=2188/0-1-8 (input: 0-8-0)
Max Horz 2=99(LC 5)
Max Uplift 2=1275(LC 7), 6=1279(LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=4362/2336, 3-12=4439/2522, 3-16=4841/2800, 16-17=4841/2800, 4-17=4841/2800, 4-18=4841/2800, 18-19=4841/2800, 5-19=4841/2800, 5-14=4449/2529, 6-14=4372/2345
BOT CHORD 2-13=2185/3919, 11-13=2203/3936, 11-20=2222/3976, 20-21=2222/3976, 10-21=2222/3976, 9-10=2138/3985, 9-22=2138/3985, 22-23=2138/3985, 8-23=2138/3985, 8-15=2119/3944, 6-15=2110/3928
WEBS 3-11=456/972, 3-10=689/1102, 4-10=586/464, 5-10=683/1092, 5-8=459/976, 12-13=244/396, 14-15=243/396

- NOTES**
- 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.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1275 lb uplift at joint 2 and 1279 lb uplift at joint 6.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 98 lb down and 94 lb up at 7-0-0, 98 lb down and 94 lb up at 9-0-12, 98 lb down and 94 lb up at 11-0-12, 98 lb down and 94 lb up at 13-0-12, 98 lb down and 94 lb up at 15-0-12, and 98 lb down and 94 lb up at 17-0-12, and 98 lb down and 94 lb up at 19-0-0 on top chord, and 660 lb down and 414 lb up at 7-0-0, 111 lb down and 72 lb up at 9-0-12, 111 lb down and 72 lb up at 11-0-12, 111 lb down and 72 lb up at 13-0-12, 111 lb down and 72 lb up at 15-0-12, and 111 lb down and 72 lb up at 17-0-12, and 660 lb down and 414 lb up at 18-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	HGRD1X	HIP	1	2	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:02:52 2009 Page 2

LOAD CASE(S) Standard

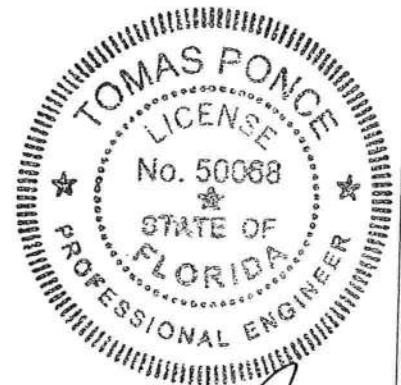
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-46, 3-5=-46, 5-7=-46, 2-6=-20

Concentrated Loads (lb)

Vert: 3=-98(B) 5=-98(B) 11=-660(B) 10=-111(B) 4=-98(B) 8=-660(B) 16=-98(B) 17=-98(B) 18=-98(B) 19=-98(B) 20=-111(B) 21=-111(B) 22=-111(B) 23=-111(B)



A handwritten signature in black ink, appearing to be "TP" or similar, written over the bottom right portion of the professional seal.

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	JGRD1X	MONO TRUSS	4	1	Job Reference (optional)
Maronda Homes Inc., Sanford, FL			7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:02 2009 Page 1		

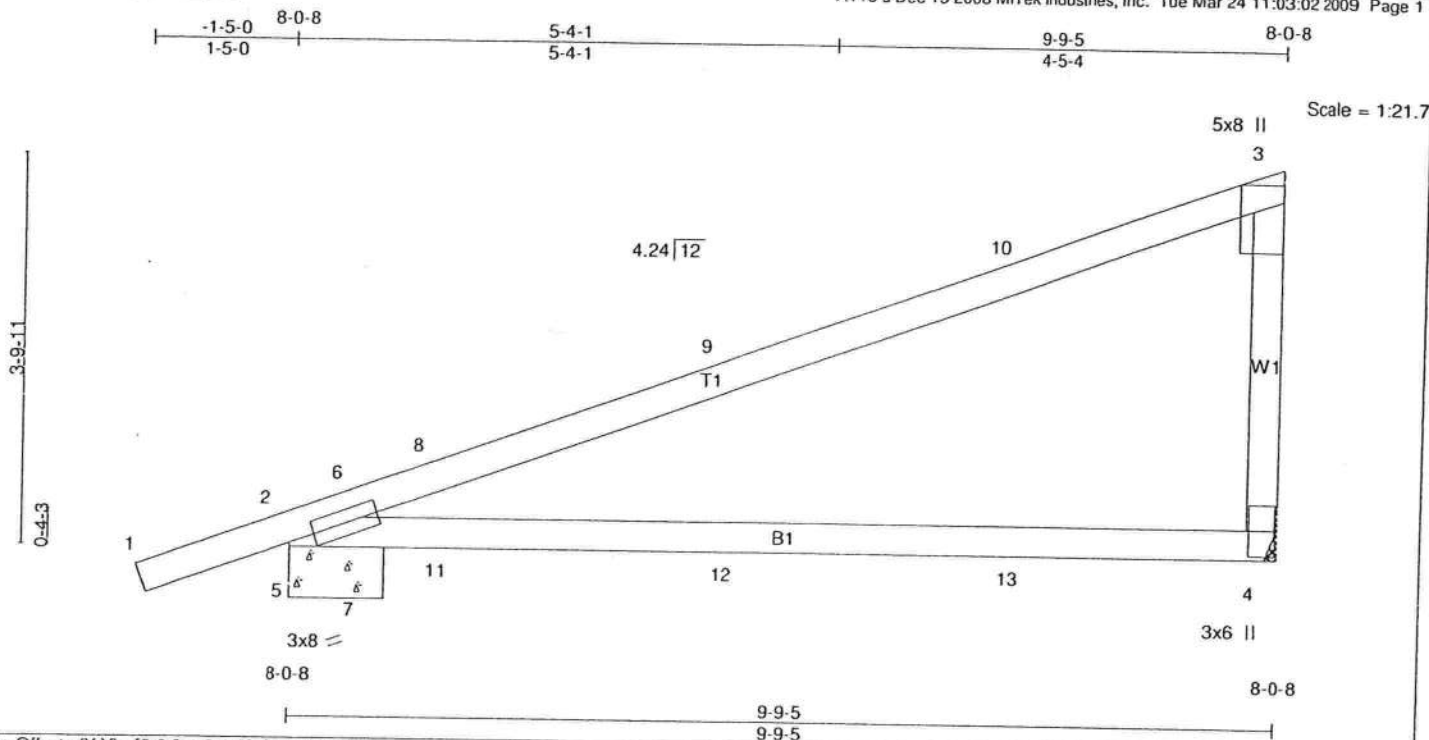


Plate Offsets (X,Y): [2:0-3-1,0-1-8], [3:0-3-3,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.89	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.56	Vert(LL) -0.16 4-7 >707 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.43 4-7 >272 180		
BCDL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) 0.01 2 n/a n/a		
	Code FRC2007/TPI2002				
				Weight: 37 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 4-7-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-15 oc bracing.

REACTIONS

(lb/size) 4=428/Mechanical, 5=464/0-1-8 (input: 0-11-5)
Max Horz 5=219(LC 3)
Max Uplift 4=-335(LC 7), 5=-325(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-6=-1524/912, 6-8=-293/108, 8-9=-281/128, 3-4=-229/354
BOT CHORD 5-7=-1291/1802
WEBS 2-5=-979/769, 6-7=-122/548, 5-6=-1603/2081, 2-7=-2459/1742

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. 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 335 lb uplift at joint 4 and 325 lb uplift at joint 5.
- 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 39 lb up at 4-4-0, 39 lb up at 4-4-0, 59 lb down and 122 lb up at 7-1-15, 59 lb down and 122 lb up at 7-1-15, and 48 lb down at 1-6-1, and 48 lb down at 1-6-1 on top chord, and 22 lb up at 1-6-1, 22 lb down at 4-4-0, 12 lb down at 4-4-0, and 52 lb down at 7-1-15, and 52 lb down at 7-1-15 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).

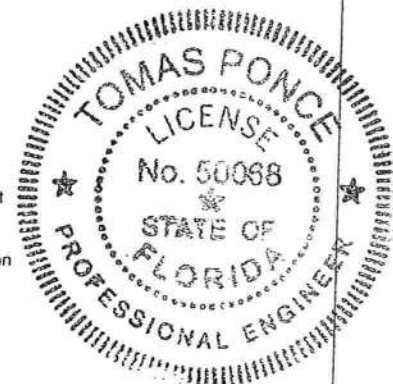
LOAD CASE(S) Standard

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

Vert: 1-3=-46, 4-5=-20

Concentrated Loads (lb)

Vert: 9=14(F=7, B=7) 10=-118(F=-59, B=-59) 11=43(F=22, B=22) 12=-24(F=-12, B=-12) 13=-104(F=-52, B=-52)



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	JSGRD1X	SPECIAL	1	1	
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:03:03 2009 Page 1

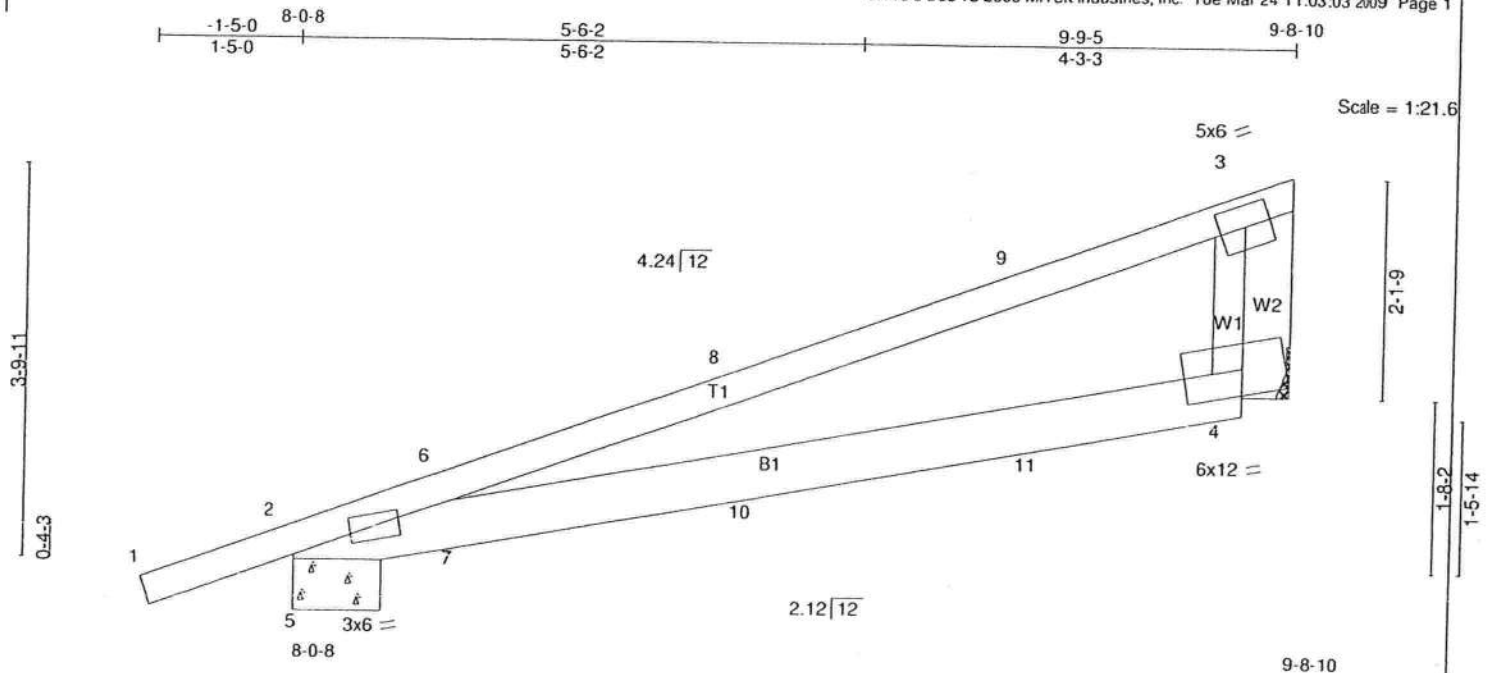


Plate Offsets (X,Y): [2-0-2-8,0-1-8], [4-0-6-15,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.75	Vert(LL)	0.09	4-7	>999	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.57	Vert(TL)	-0.13	4-7	>815	180	244/190
BCLL 0.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	0.01	2	n/a	n/a	
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)						
									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 *Except*
W2: 2 X 6 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=400/0-1-8 (input: 0-10-9), 4=468/Mechanical
Max Horz 5=211(LC 3)
Max Uplift 5=-293(LC 7), 4=-382(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-6=-442/163, 6-8=-588/405, 8-9=-533/381, 3-9=-446/313, 3-4=-120/279
BOT CHORD 5-7=-281/523, 7-10=-458/510, 10-11=-452/520, 4-11=-444/555
WEBS 2-5=-370/281, 6-7=-221/416

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. 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) 5 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 293 lb uplift at joint 5 and 382 lb uplift at joint 4.
- 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 47 lb up at 4-4-0, 47 lb up at 4-4-0, 59 lb down and 126 lb up at 7-1-15, 59 lb down and 126 lb up at 7-1-15, and 44 lb down at 1-6-1, and 44 lb down at 1-6-1 on top chord, and 22 lb up at 1-6-1, 22 lb up at 1-6-1, 12 lb down at 4-4-0, 12 lb down at 4-4-0, and 52 lb down at 7-1-15, and 52 lb down at 7-1-15 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).

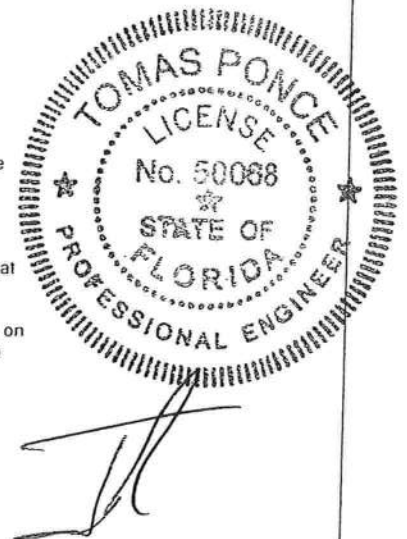
LOAD CASE(S) Standard

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

Vert: 1-3=-46, 4-5=-20

Concentrated Loads (lb)

Vert: 7=43(F=22, B=22) 8=8(F=4, B=4) 9=-118(F=-59, B=-59) 10=-24(F=-12, B=-12) 11=-104(F=-52, B=-52)



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	JX	MONO TRUSS	18	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:45 2009 Page 1

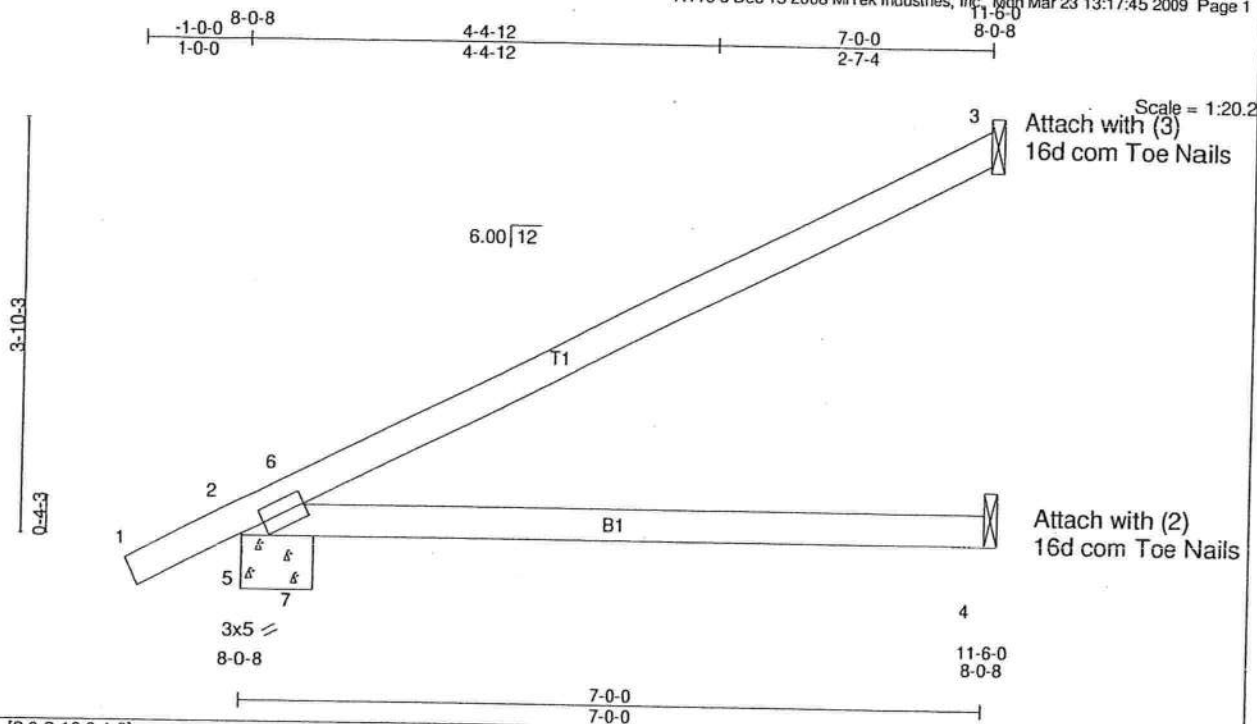


Plate Offsets (X,Y): [2:0-2-10,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.42	Vert(LL)	0.06	4-7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.29	Vert(TL)	-0.14	4-7	>589	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00	2	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)							
										Weight: 24 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-8 oc bracing.

REACTIONS

(lb/size) 3=122/Mechanical, 5=325/0-1-8 (input: 0-8-0), 4=60/Mechanical
Max Horz 5=224(LC 6)
Max Uplift 3=144(LC 6), 5=175(LC 6)
Max Grav 3=122(LC 1), 5=325(LC 1), 4=106(LC 2)

FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-6=-844/497

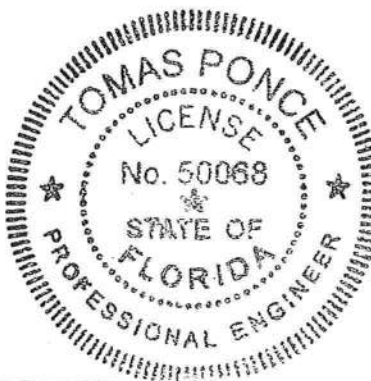
BOT CHORD 5-7=-978/1174

WEBS 2-5=-699/663, 6-7=-113/446, 5-6=-1120/1212, 2-7=-1624/1312

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 144 lb uplift at joint 3 and 175 lb uplift at joint 5.

LOAD CASE(S) Standard



[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	City	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	JSBX	SPECIAL	1	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:41 2009 Page 1

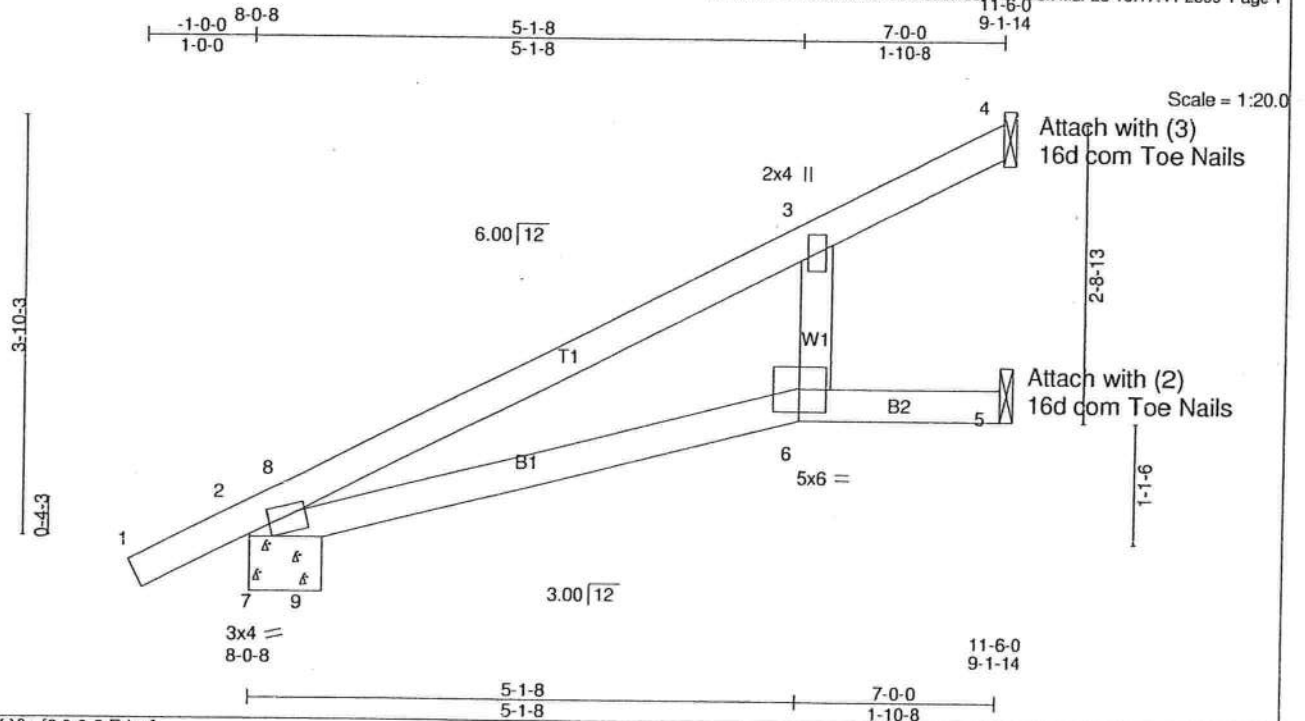


Plate Offsets (X,Y): [2:0-0-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.54	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.32	Vert(LL) 0.28 6 >297 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.03	Vert(TL) -0.28 6-9 >299 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) -0.07 5 n/a n/a		
	Code FRC2007/TPI2002			Weight: 26 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.

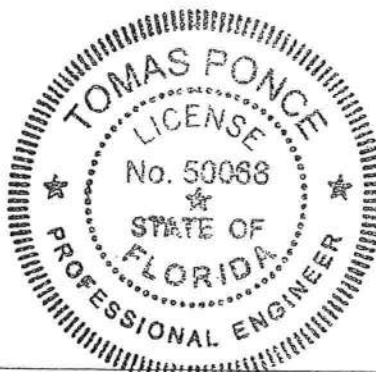
REACTIONS (lb/size) 4=207/Mechanical, 7=282/0-1-8 (input: 0-8-0), 5=18/Mechanical
Max Horz 7=224(LC 6)
Max Uplift 4=164(LC 6), 7=-144(LC 6)
Max Grav 4=207(LC 1), 7=282(LC 1), 5=36(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 8-9=266/462

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) 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 164 lb uplift at joint 4 and 144 lb uplift at joint 7.

LOAD CASE(S) Standard



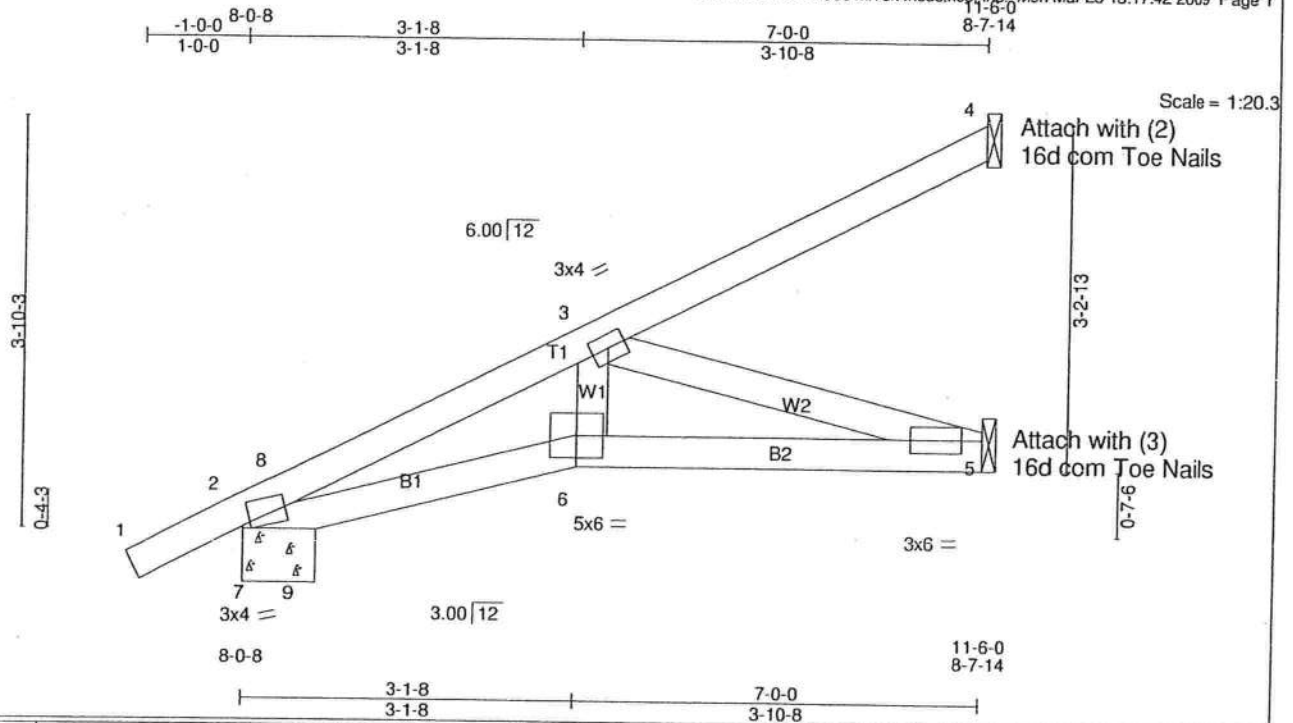
[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	JSCX	SPECIAL	1	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:42 2009 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 0.13	Vert(LL)	0.02	6	>999	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.19	Vert(TL)	-0.04	5-6	>999	180	244/190
BCLL 0.0	Rep Stress Incr	YES	WB 0.09	Horz(TL)	0.01	5	n/a	n/a	
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)						
									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

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-10-2 oc bracing.

REACTIONS

(lb/size) 4=74/Mechanical, 7=283/0-1-8 (input: 0-8-0), 5=151/Mechanical
Max Horz 7=224(LC 6)
Max Uplift 4=-88(LC 6), 7=-144(LC 6), 5=-64(LC 6)
Max Grav 4=74(LC 1), 7=283(LC 1), 5=163(LC 2)

FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-8=-496/266
BOT CHORD 6-9=-410/434, 5-6=-388/397
WEBS 3-5=-412/404

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) 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 88 lb uplift at joint 4, 144 lb uplift at joint 7 and 64 lb uplift at joint 5.

LOAD CASE(S) Standard

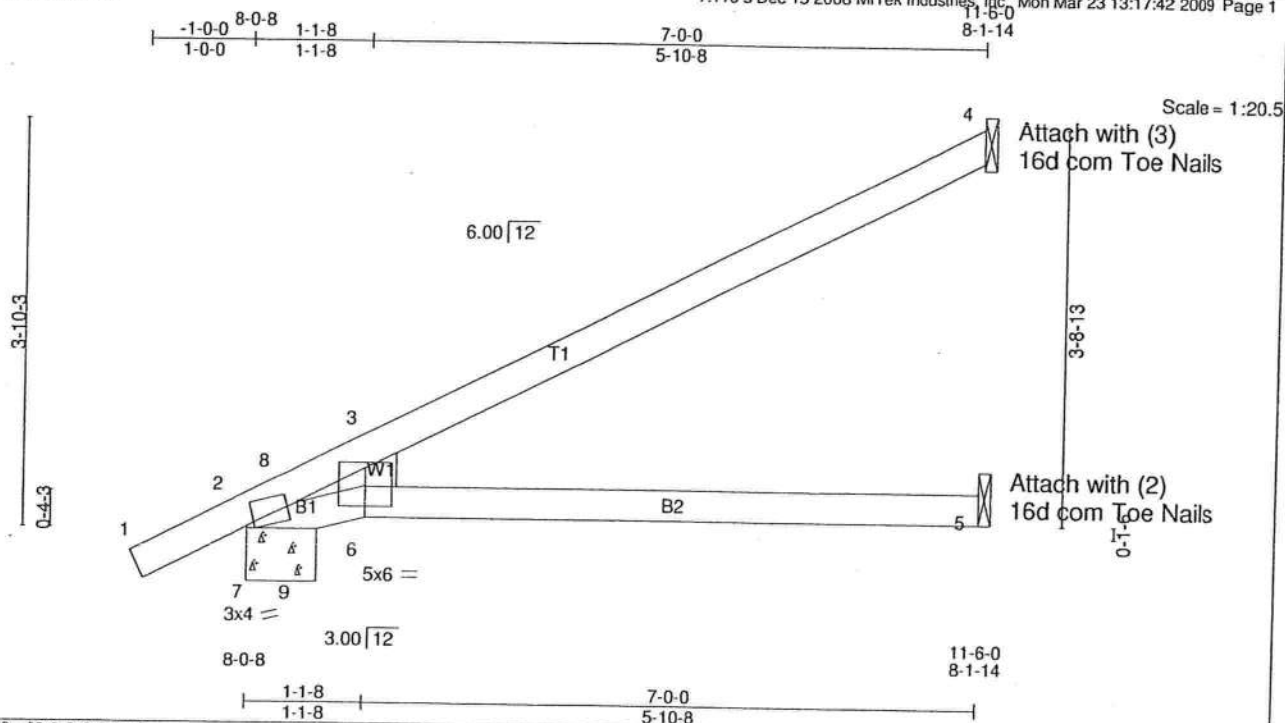


MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	JSDX	SPECIAL	1	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:42 2009 Page 1



LOADING (psf)
TCLL 16.0
TCDL 7.0
BCLL 0.0
BCDL 10.0

SPACING	
Plates Increase	1:25
Lumber Increase	1:25
Rep Stress Incr	YES
Code FRC2007/TPI2002	

CSI
TC 0.56
BC 0.32
WB 0.05
(Matrix-M)

DEFL	in (loc)	I/defl	L/d
Vert(LL)	0.24	6	>346
Vert(TL)	-0.22	5-6	>372
Horz(TL)	-0.06	5	n/a

PLATES	GRIP
MT20	244/190

Weight: 25 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=167/Mechanical, 7=282/0-1-8 (input: 0-8-0), 5=58/Mechanical
Max Horz 7=224(LC 6)
Max Uplift 4=-188(LC 6), 7=-144(LC 6)
Max Grav 4=167(LC 1), 7=282(LC 1), 5=116(LC 2)

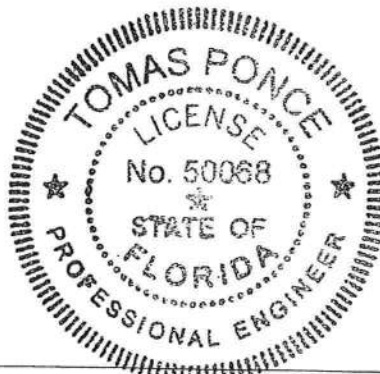
FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 8-9=-262/262

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) 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 188 lb uplift at joint 4 and 144 lb uplift at joint 7.

LOAD CASE(S) Standard



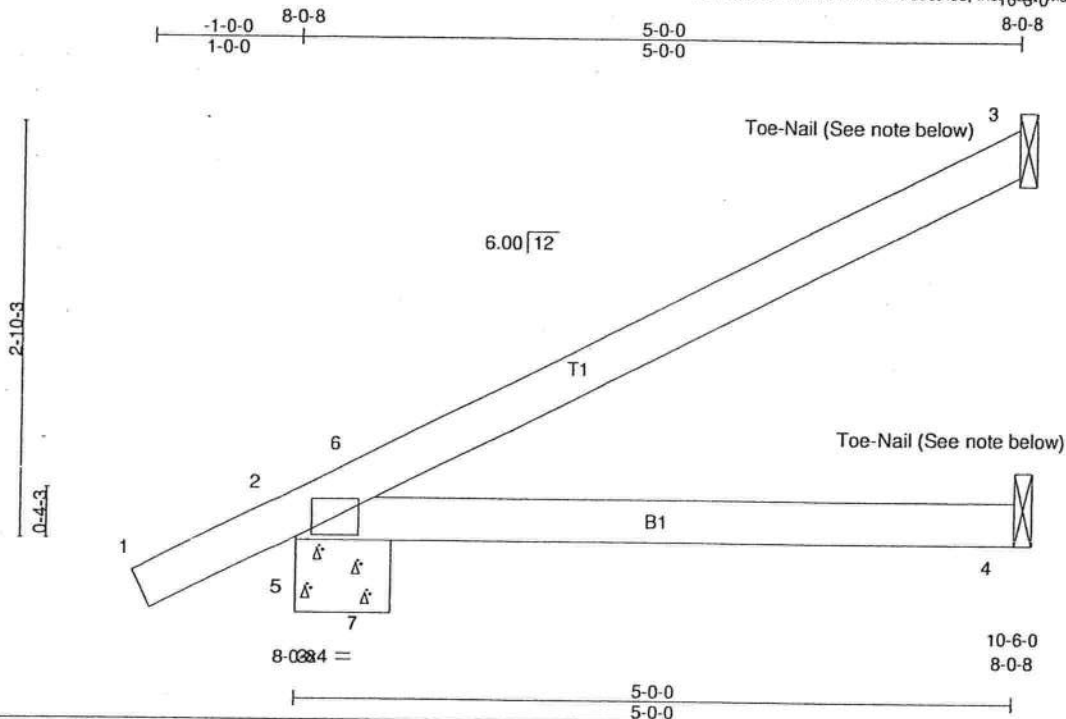
[Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	J1X	JACK	8	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mar 23 13:17:28 2009 Page 1



Scale = 1:14.9

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.19	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.14	Vert(LL) 0.02 4-7 >999 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.04 4-7 >999 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.00 2 n/a n/a		
	Code FRC2007/TPI2002				
				Weight: 18 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=87/Mechanical, 5=244/0-1-8 (input: 0-8-0), 4=44/Mechanical
Max Horz 5=172(LC 6)
Max Uplift 3=101(LC 6), 5=147(LC 6)
Max Grav 3=87(LC 1), 5=244(LC 1), 4=76(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-6=-383/147

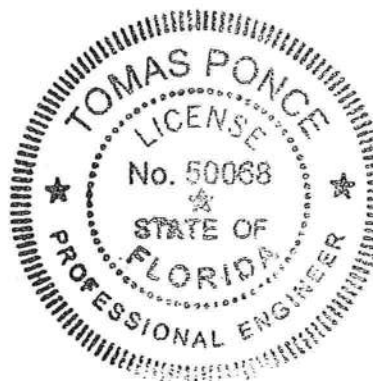
BOT CHORD 5-7=-388/522

WEBS 2-5=-380/399, 6-7=-61/252, 5-6=-466/509, 2-7=-701/522

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 100 lb uplift at joint(s) except (jt=lb) 3=101, 5=147.
- 6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard



[Signature]

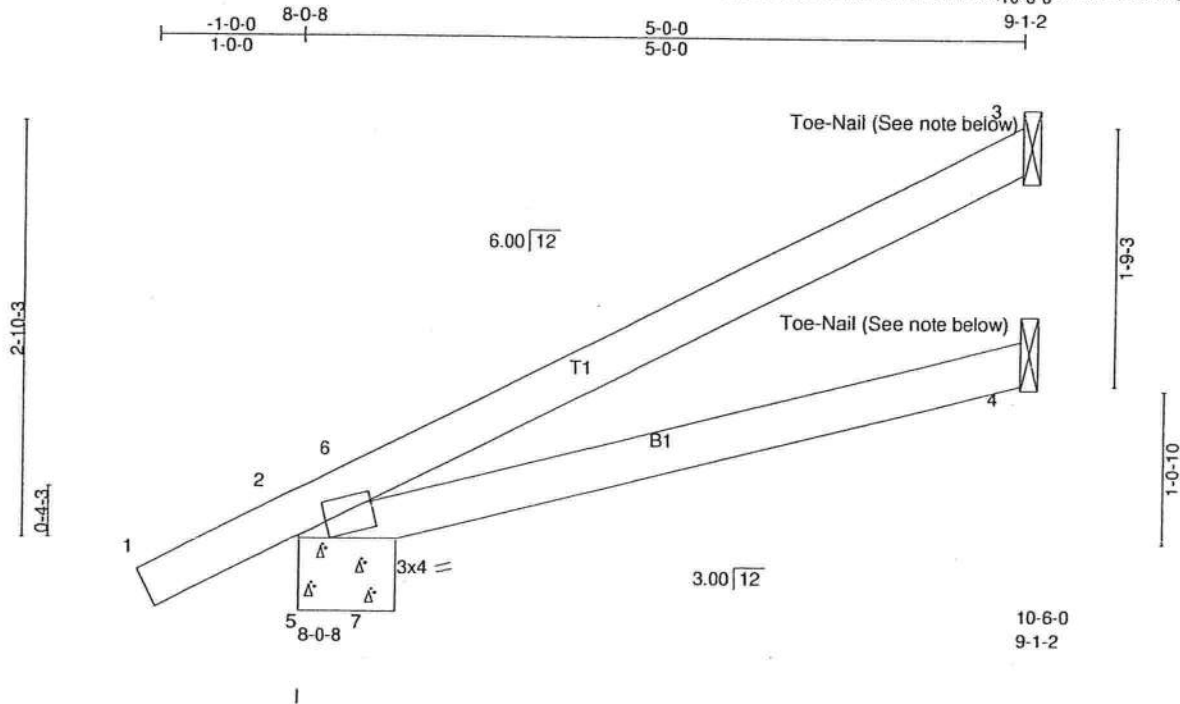
MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	JS1X	SPECIAL	2	1	

Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:39 2009 Page 1



Scale = 1:14.9

Plate Offsets (X,Y): [2:0-0-8,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)	0.04	4-7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.19	Vert(TL)	-0.06	4-7	>938	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.01	2	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)							
									Weight: 18 lb	

LUMBER

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

BRACING

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

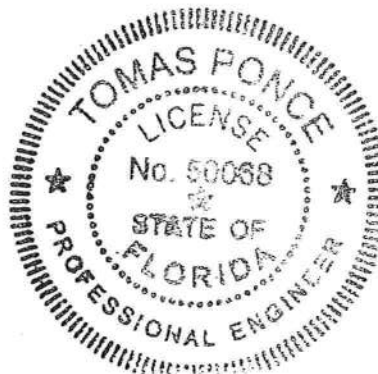
REACTIONS (lb/size) 3=100/Mechanical, 5=217/0-1-8 (input: 0-8-0), 4=58/Mechanical
Max Horz 5=172(LC 6)
Max Uplift 3=111(LC 6), 5=128(LC 6)
Max Grav 3=100(LC 1), 5=217(LC 1), 4=89(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-7=85/292

NOTES (7)

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) 5 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 111 lb uplift at joint 3 and 128 lb uplift at joint 5.
- 7) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

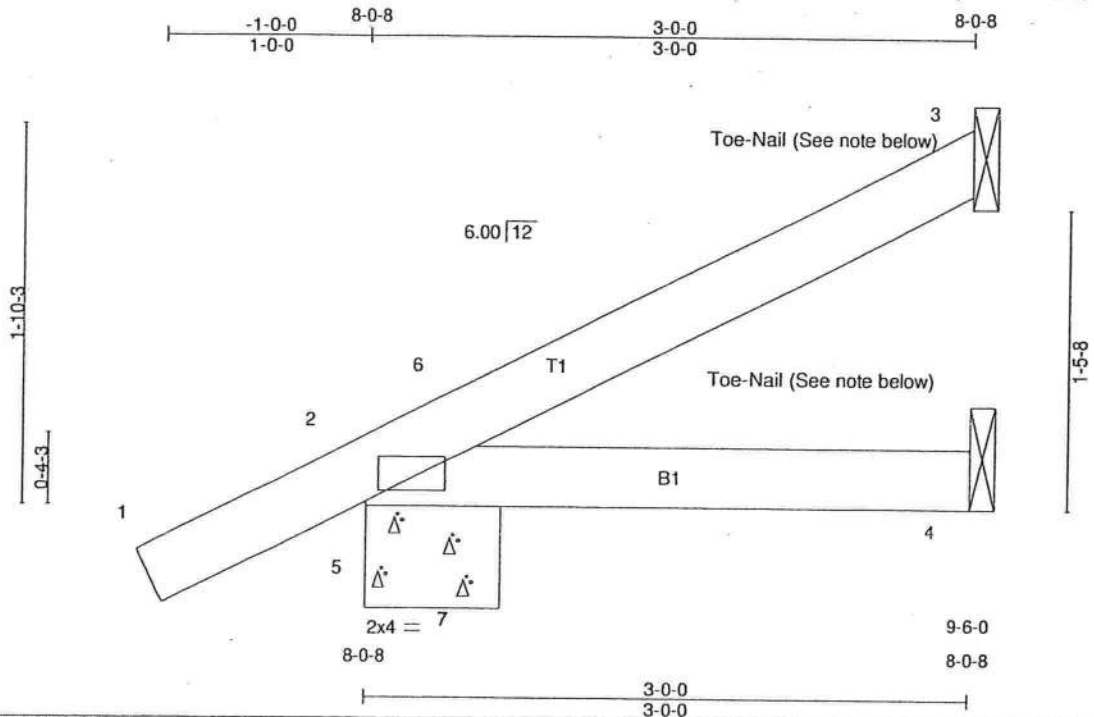


[Handwritten signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	J2X	JACK	8	1	Job Reference (optional)
Maronda Homes Inc., Sanford, FL					

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:29 2009 Page 1



Scale = 1:10.6

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

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase 1.25	TC 0.13	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.05	Vert(TL)	-0.00	4-7	>999	180		
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL)	0.00	2	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002	(Matrix-M)							
									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 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

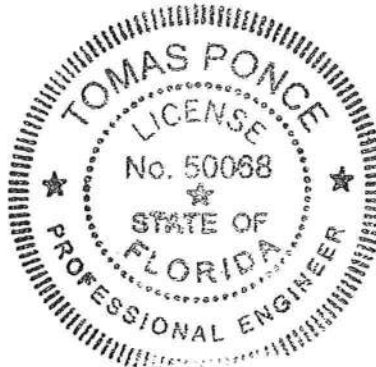
REACTIONS (lb/size) 3=51/Mechanical, 5=165/0-1-8 (input: 0-8-0), 4=28/Mechanical
Max Horz 5=120(LC 6)
Max Uplift 3=-56(LC 6), 5=-121(LC 6)
Max Grav 3=51(LC 1), 5=165(LC 1), 4=45(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (6)

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 100 lb uplift at joint(s) 3 except (jt=lb) 5=121.
- 6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

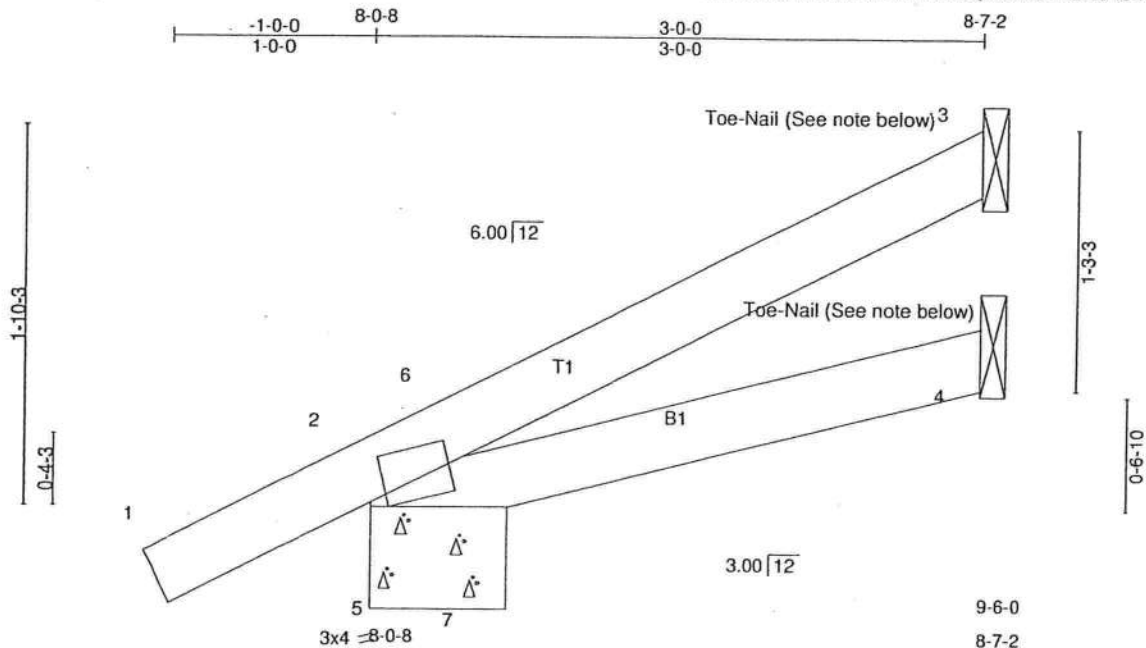


[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	JS2X	SPECIAL	2	1	Job Reference (optional)
Maronda Homes Inc., Sanford, FL					

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:39 2009 Page 1



Scale = 1:10.6

Plate Offsets (X,Y): [2:0-0-15,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 0.13	Vert(LL) -0.00 4-7 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.06	Vert(TL) -0.01 4-7 >999 180		
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) 0.00 2 n/a n/a		
BCDL 10.0	Code FRC2007/TPI2002	(Matrix-M)			
				Weight: 12 lb	

LUMBER

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

BRACING

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

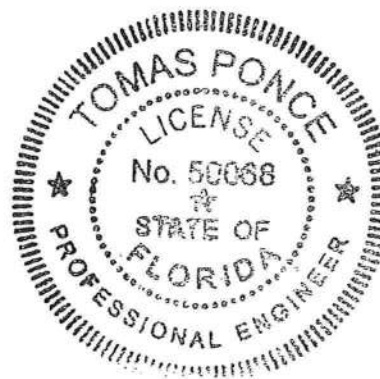
REACTIONS (lb/size) 3=56/Mechanical, 5=155/0-1-8 (input: 0-8-0), 4=32/Mechanical
Max Horz 5=120(LC 6)
Max Uplift 3=60(LC 6), 5=115(LC 6)
Max Grav 3=56(LC 1), 5=155(LC 1), 4=51(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7)

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) 5 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 60 lb uplift at joint 3 and 115 lb uplift at joint 5.
- 7) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

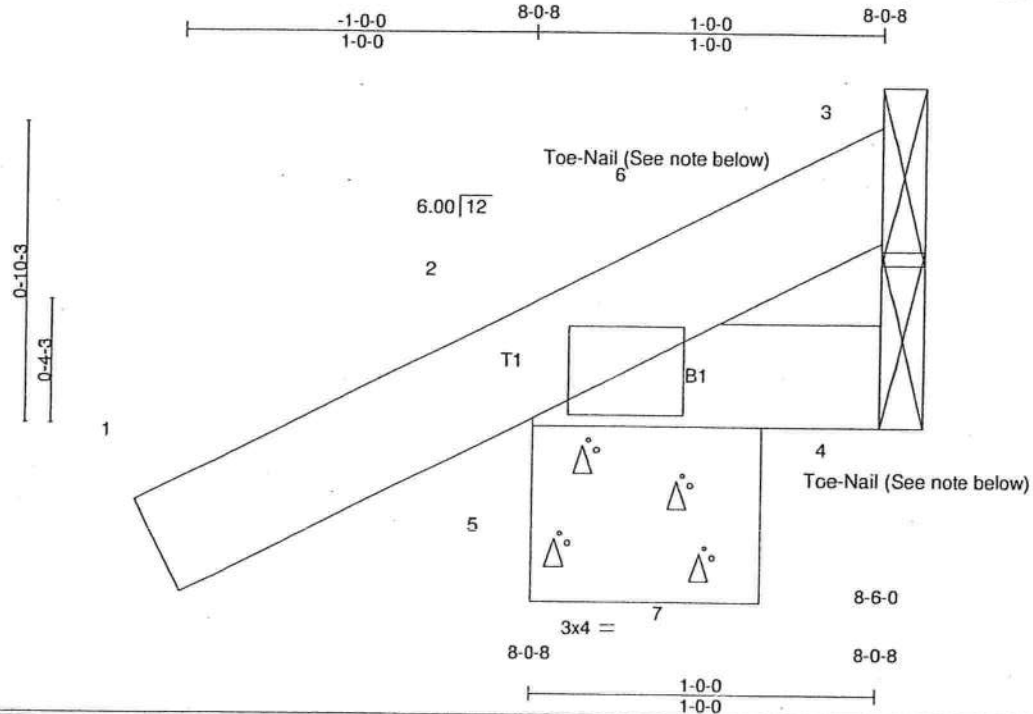


MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	J3X	JACK	8	1	Job Reference (optional) 8-6-0

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:31 2009 Page 1



Scale = 1:6.2

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.13	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.02	Vert(LL) -0.00 7 >999 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.00 7 >999 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.00 2 n/a n/a		
	Code FRC2007/TPI2002				
					Weight: 5 lb

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

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

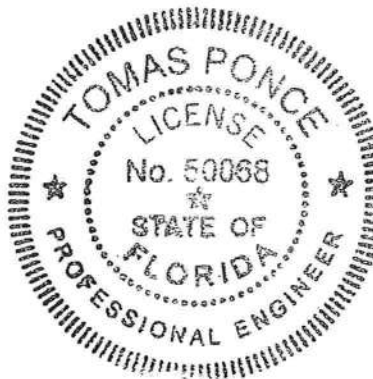
REACTIONS (lb/size) 5=103/0-1-8 (input: 0-8-0), 4=3/Mechanical, 3=9/Mechanical
Max Horz 5=69(LC 6)
Max Uplift 5=121(LC 6), 3=7(LC 5)
Max Grav 5=103(LC 1), 4=14(LC 6), 3=9(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (6)

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 100 lb uplift at joint(s) 3 except (jt=lb) 5=121.
- 6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard



[Handwritten Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	JS3X	SPECIAL	2	1	8-6-0 Job Reference (optional)
Maronda Homes Inc., Sanford, FL					

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:40 2009 Page 1

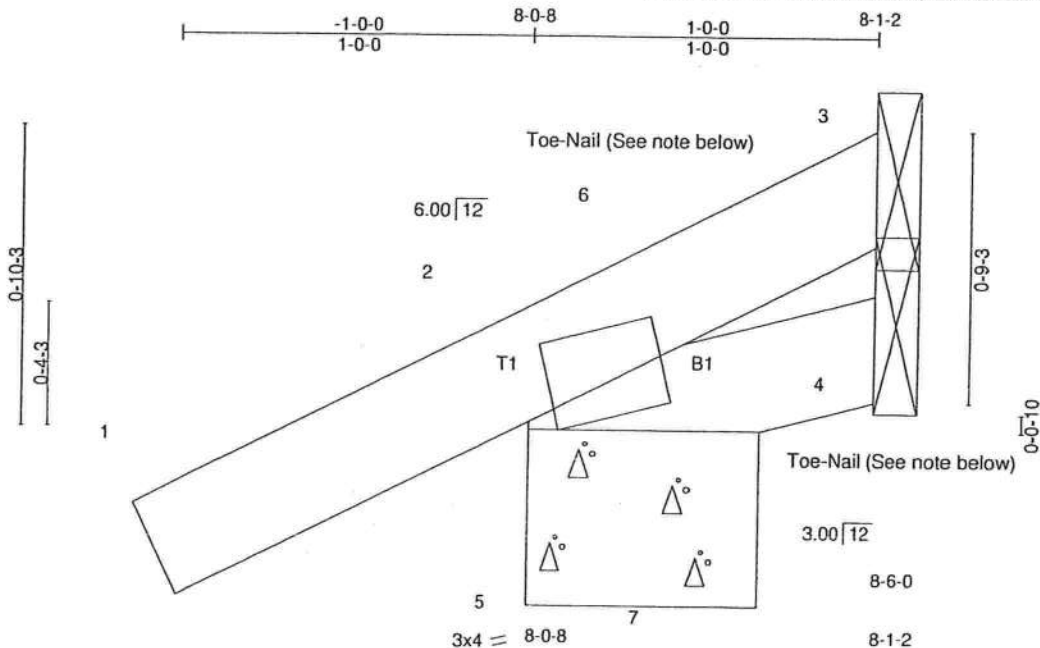


Plate Offsets (X,Y): [2:0-0-15,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.13	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.02	Vert(TL)	-0.00	7	>999	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00	2	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)							
									Weight: 5 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 5=108/0-1-8 (input: 0-8-0), 4=-1/Mechanical, 3=7/Mechanical

Max Horz 5=69(LC 6)

Max Uplift 5=-127(LC 6), 4=-1(LC 1), 3=-9(LC 5)

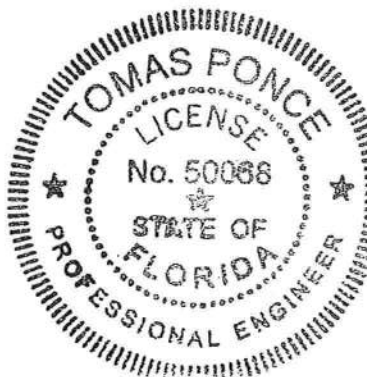
Max Grav 5=108(LC 1), 4=18(LC 6), 3=7(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7)

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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) 5 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 127 lb uplift at joint 5, 1 lb uplift at joint 4 and 9 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

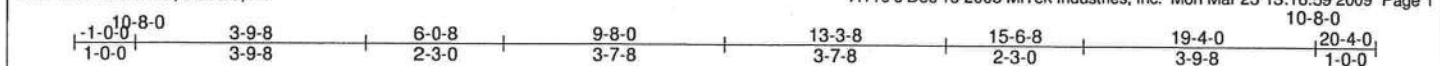


MAR 23 2009

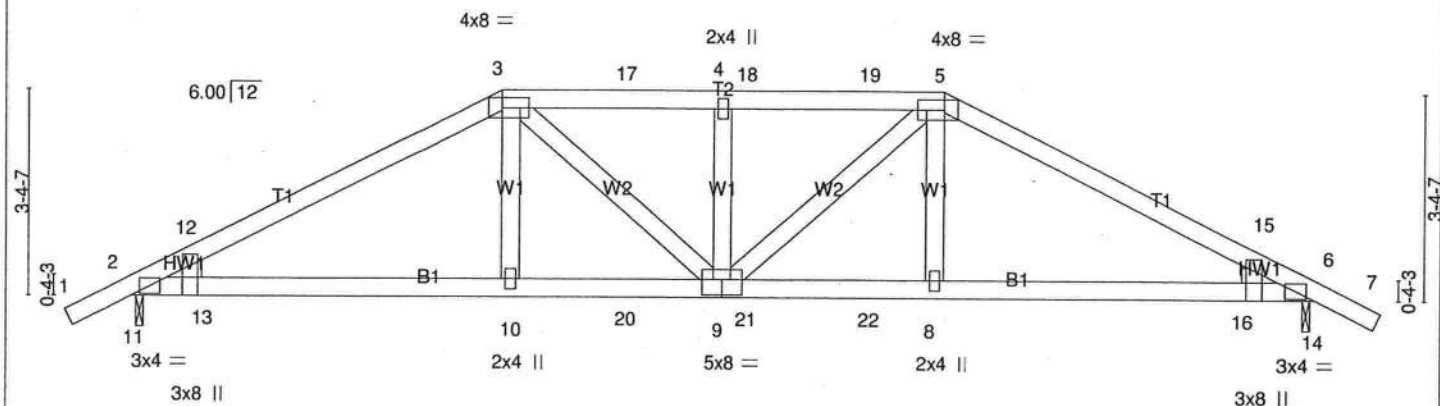
Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	GRD2X	HIP	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:16:59 2009 Page 1



Scale = 1:35.5



10-8-0	0-0-8	3-9-8	6-0-8	9-8-0	13-3-8	15-6-8	19-3-8	10-8-0
0-0-8	0-0-8	3-9-0	2-3-0	3-7-8	3-7-8	2-3-0	3-9-0	0-0-8

Plate Offsets (X,Y): [2:0-0-4,Edge], [2:0-1-4,0-0-2], [3:0-5-4,0-2-0], [5:0-5-4,0-2-0], [6:0-0-4,Edge], [6:0-1-4,0-0-2], [9:0-4-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.28	in (loc)	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.36	Vert(LL) 0.07 9 >999 240		
BCLL 0.0	Lumber Increase 1.25	WB 0.12	Vert(TL) -0.12 8-9 >999 180		
BCDL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) 0.04 6 n/a n/a		
	Code FRC2007/TPI2002			Weight: 90 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-10-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-2-13 oc bracing.

REACTIONS (lb/size) 11=955/0-1-8 (input: 0-1-8), 14=969/0-1-8 (input: 0-1-8)
Max Horz 11=-90(LC 6)
Max Uplift 11=-464(LC 5), 14=-474(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-1225/515, 3-12=-1582/654, 3-17=-1614/712, 4-17=-1613/712, 4-18=-1613/712,
18-19=-1613/712, 5-19=-1614/712, 5-15=-1616/678, 6-15=-1232/505
BOT CHORD 11-13=-587/1269, 10-13=-531/1373, 10-20=-527/1382, 9-20=-527/1382, 9-21=-489/1414,
21-22=-489/1414, 8-22=-489/1414, 8-16=-493/1404, 14-16=-520/1273
WEBS 3-10=0/325, 3-9=-239/381, 4-9=-264/303, 5-9=-217/340, 5-8=0/347, 2-11=-808/453,
6-14=-811/447

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate at joint(s) 11, 14.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=464, 14=474.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 59 lb down and 93 lb up at 6-0-8, 59 lb down and 93 lb up at 8-0-12, 59 lb down and 93 lb up at 10-0-12, and 61 lb down and 95 lb up at 12-0-12, and 61 lb down and 95 lb up at 13-3-8 on top chord, and 114 lb down at 6-0-8, 52 lb down at 8-0-12, 52 lb down at 10-0-12, and 54 lb down at 12-0-12, and 115 lb down at 13-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

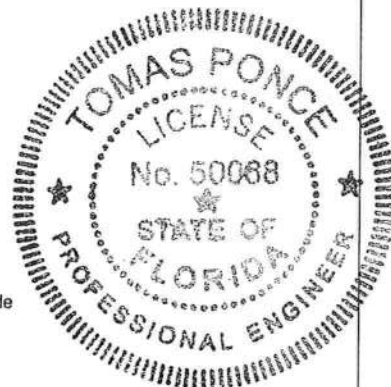
LOAD CASE(S) Standard

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

Vert: 1-3=-46, 3-5=-46, 5-7=-46, 11-14=-20

Concentrated Loads (lb)

Vert: 3=-59(F) 5=-61(F) 10=-65(F) 8=-67(F) 17=-59(F) 18=-59(F) 19=-61(F) 20=-39(F) 21=-39(F) 22=-41(F)



[Signature]

MAR 23 2009

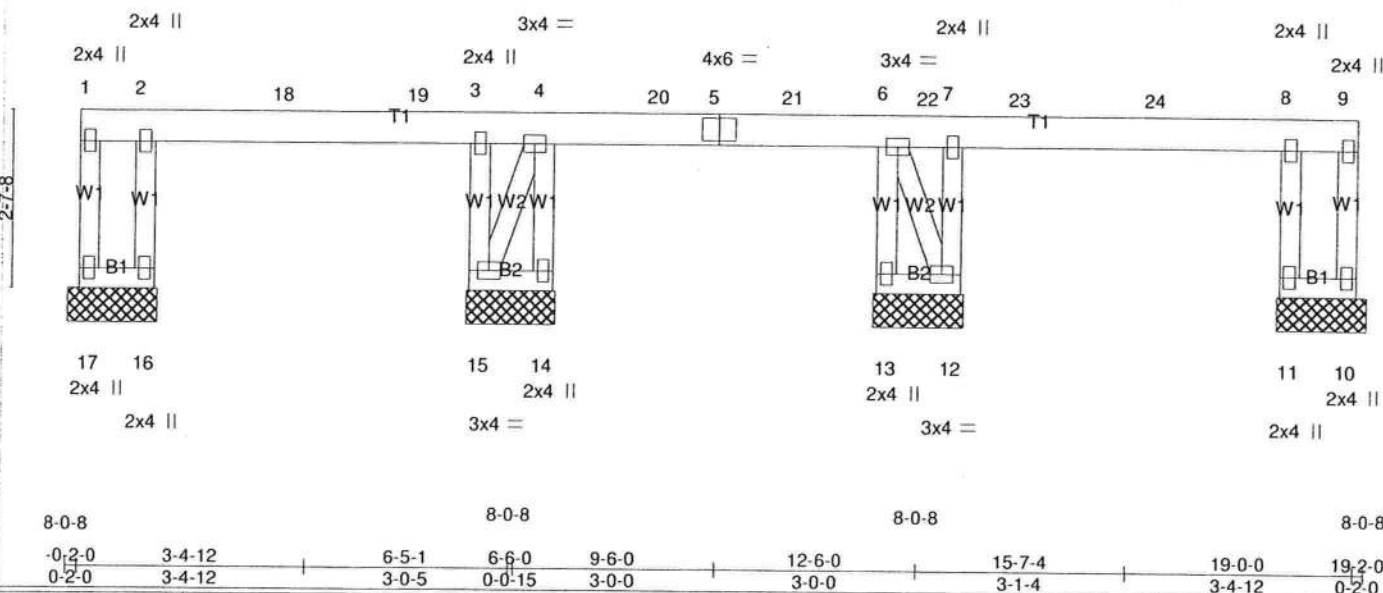
Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	CGRD2X	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Tue Mar 24 11:02:49 2009 Page 1



Scale = 1:32.9



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.36	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.02	Vert(LL) -0.00 15 >999 240		
BCCL 0.0	Lumber Increase 1.25	WB 0.18	Vert(TL) -0.00 15 >999 180		
BCDL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) -0.01 14 n/a n/a		
	Code FRC2007/TPI2002			Weight: 80 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

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

REACTIONS

All bearings 1-4-0.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 17=-979(LC 8), 10=-940(LC 8), 16=-366(LC 3), 14=-695(LC 5), 15=-143(LC 3), 13=-626(LC 5), 12=-472(LC 5), 11=-677(LC 5)

Max Grav All reactions 250 lb or less at joint(s) 15 except 17=1210(LC 1), 10=1149(LC 1), 16=394(LC 1), 14=736(LC 1), 13=653(LC 1), 12=465(LC 1), 11=589(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 1-17=-297/285

WEBS 2-16=-387/372, 4-14=-726/700, 6-13=-644/632, 7-12=-455/478, 8-11=-580/681

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; 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 979 lb uplift at joint 17, 940 lb uplift at joint 10, 366 lb uplift at joint 16, 695 lb uplift at joint 14, 143 lb uplift at joint 15, 626 lb uplift at joint 13, 472 lb uplift at joint 12 and 677 lb uplift at joint 11.
- 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 468 lb down and 401 lb up at 0-1-12, 25 lb down and 8 lb up at 1-0-5, 78 lb down and 61 lb up at 3-0-5, 164 lb down and 118 lb up at 5-0-5, 216 lb down and 152 lb up at 6-7-4, 275 lb down and 250 lb up at 8-7-4, 275 lb down and 250 lb up at 10-7-4, 275 lb down and 250 lb up at 12-7-4, 224 lb down and 219 lb up at 13-11-11, 142 lb down and 124 lb up at 15-11-11, and 77 lb down and 152 lb up at 17-11-11, and 468 lb down and 419 lb up at 18-10-4 on top chord, and 903 lb down and 697 lb up at 0-1-12, and 903 lb down and 697 lb up at 18-10-4 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

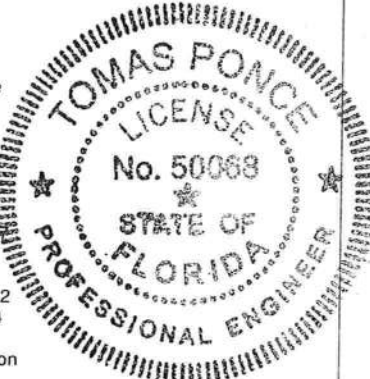
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-9=-46, 16-17=-20, 14-15=-20, 12-13=-20, 10-11=-20

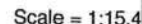
Concentrated Loads (lb)

Vert: 17=-903(B) 1=-468(B) 9=-468(B) 10=-903(B) 2=4(B) 4=-216(B) 8=-77(B) 18=-78(B) 19=-164(B) 20=-275(B) 21=-275(B) 22=-275(B) 23=-224(B) 24=-142(B)



MAR 23 2009

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 15:19:05 2009 Page 1



Weight: 39 lb

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.

(lb/size) 6=860/Mechanical, 4=531/0-1-8 (input: 0-8-0)
Max Uplift6=-725(LC 8), 4=-429(LC 7)

TOP CHORD 1-6=-832/736, 1-7=-376/284, 2-7=-376/284, 2-8=-376/284, 3-8=-376/284, 3-4=-503/439
WEBS 1-5=-353/467, 2-5=-484/473, 3-5=-353/467

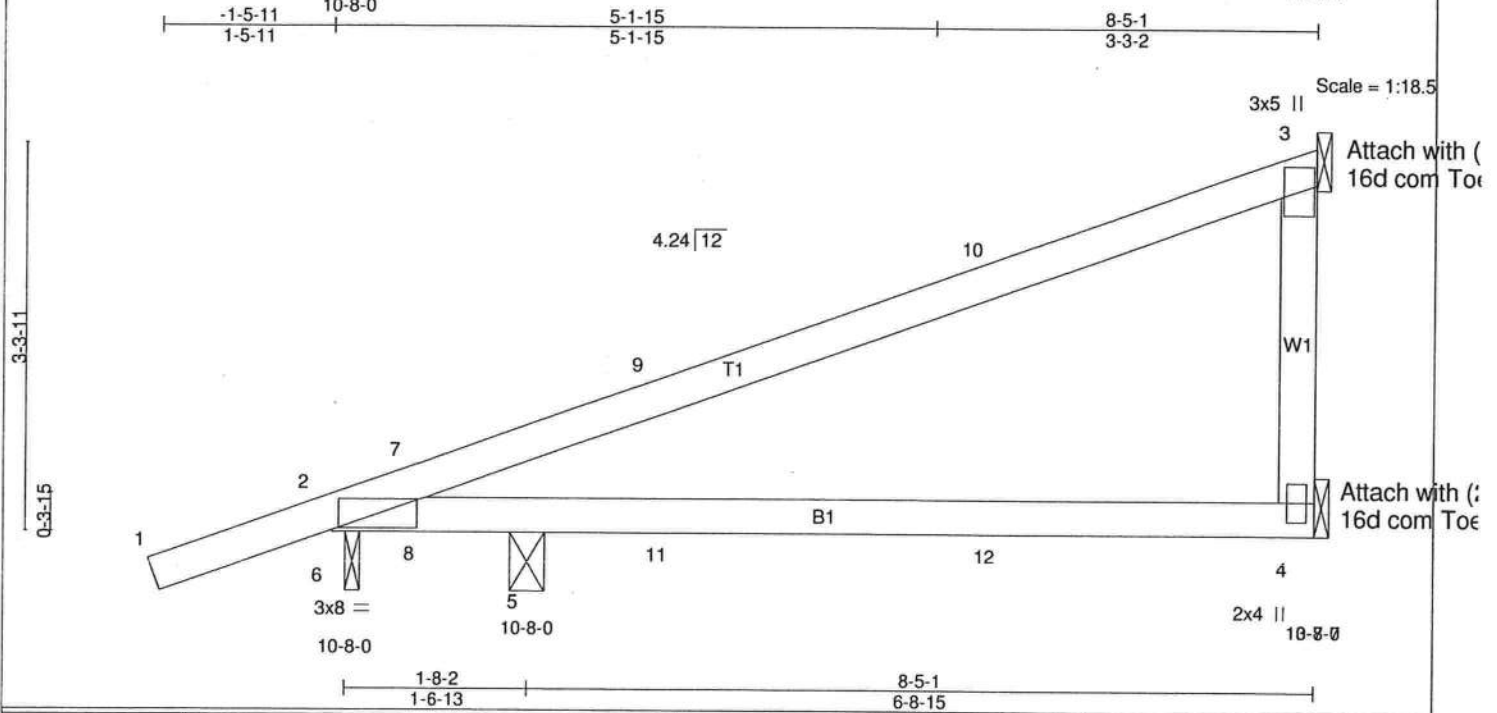
- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
- 2) Provide adequate drainage to prevent water ponding.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent 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 725 lb uplift at joint 6 and 429 lb uplift at joint 4.
- 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 468 lb down and 401 lb up at 0-1-12, 77 lb down and 144 lb up at 1-1-13, 142 lb down and 117 lb up at 3-1-13, and 224 lb down and 211 lb up at 5-1-13, and 62 lb down and 81 lb up at 6-5-12 on top 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).
- 9) See explanation of repetitive member factor Cr on TEK form 4.20.2005

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-46, 4-6=-20
Concentrated Loads (lb)
Vert: 1=-468(F) 2=-142(F) 3=-62(F) 7=-77(F) 8=-224(F)



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	JGRD2X	MONO TRUSS	2	1	Job Reference (optional)
Maronda Homes Inc., Sanford, FL					
7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:36 2009 Page 1					



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.54	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.34	Vert(LL) -0.05 4-5 >999 240	Weight: 32 lb	
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.11 4-5 >730 180		
BCDL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) -0.00 3 n/a n/a		
	Code FRC2007/TPI2002				

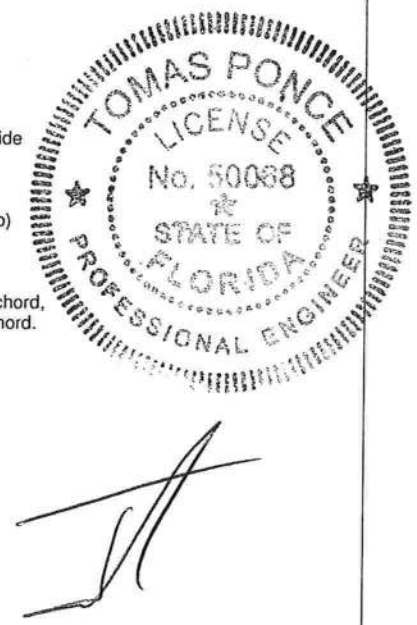
LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS All bearings Mechanical except (jt=length) 6=0-1-8, 5=0-3-10.
 (lb) - Max Horz 6=196(LC 3)
 Max Uplift All uplift 100 lb or less at joint(s) 6 except 5=-183(LC 3), 3=-170(LC 3)
 Max Grav All reactions 250 lb or less at joint(s) 4, 6, 3 except 5=315(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 7-8=-425/498, 6-7=-390/195, 2-8=-182/333

- NOTES**
- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. 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 at joint(s) 6.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 5=183, 3=170.
 - 7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
 - 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 24 lb down and 30 lb up at 2-10-4, 24 lb down and 30 lb up at 2-10-4, and 14 lb down and 49 lb up at 5-8-3, and 14 lb down and 49 lb up at 5-8-3 on top chord, and 31 lb up at 2-10-4, 31 lb up at 2-10-4, and 2 lb down and 1 lb up at 5-8-3, and 2 lb down and 1 lb up at 5-8-3 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, 4-6=-20
 Concentrated Loads (lb)
 Vert: 9=60(F=30, B=30) 10=-27(F=-14, B=-14) 11=33(F=17, B=17) 12=3(F=1, B=1)



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	J6X	JACK	3	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)
7.110 s Dec 15 2008 MiTek Industries, Inc.					Mar 23 13:17:31 2009 Page 1

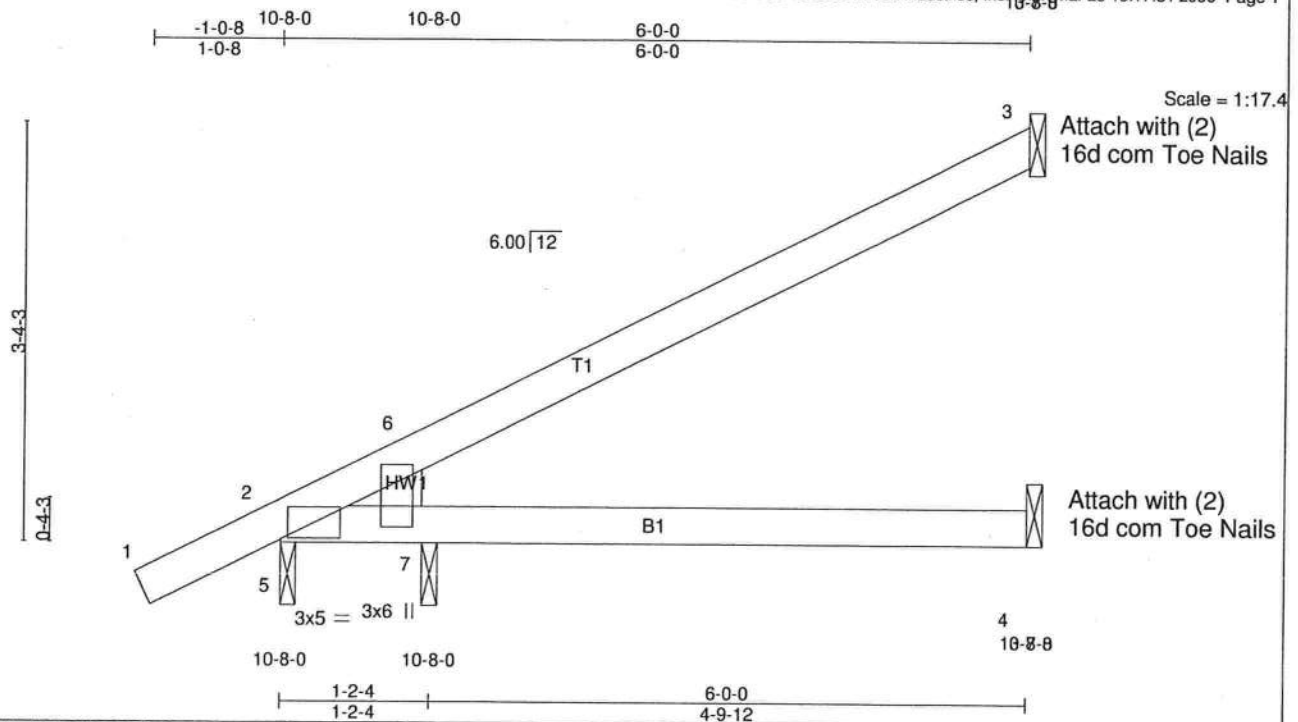


Plate Offsets (X,Y): [2:0-0-12,0-0-2], [2:0-1-4,0-9-10]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.26	Vert(LL)	0.06	4-7	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.22	Vert(TL)	-0.08	4-7	>844	180		
BCLL 0.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	0.00	2	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)							
									Weight: 22 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 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-6-0 oc bracing.

REACTIONS

All bearings Mechanical except (jt=length) 5=0-1-8, 5=0-1-8.

(lb) - Max Horz 5=200(LC 6)

Max Uplift All uplift 100 lb or less at joint(s) except 3=-118(LC 6), 5=-159(LC 6)

Max Grav All reactions 250 lb or less at joint(s) 3, 4 except 5=279(LC 1), 5=279(LC 1)

FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-6=-573/312

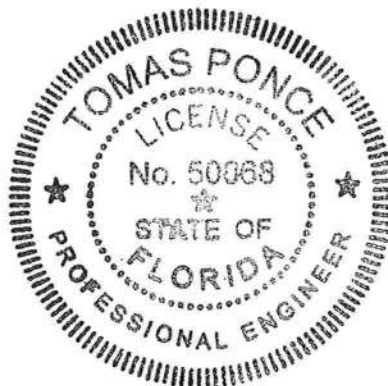
BOT CHORD 5-7=-550/711

WEBS 2-5=-465/457, 5-6=-555/581, 2-7=-777/614

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 at joint(s) 5, 5.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 118 lb uplift at joint 3 and 159 lb uplift at joint 5.

LOAD CASE(S) Standard



MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	J6AX	JACK	2	1	
Maronda Homes Inc., Sanford, FL					
7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 16:49:31 2009 Page 1					

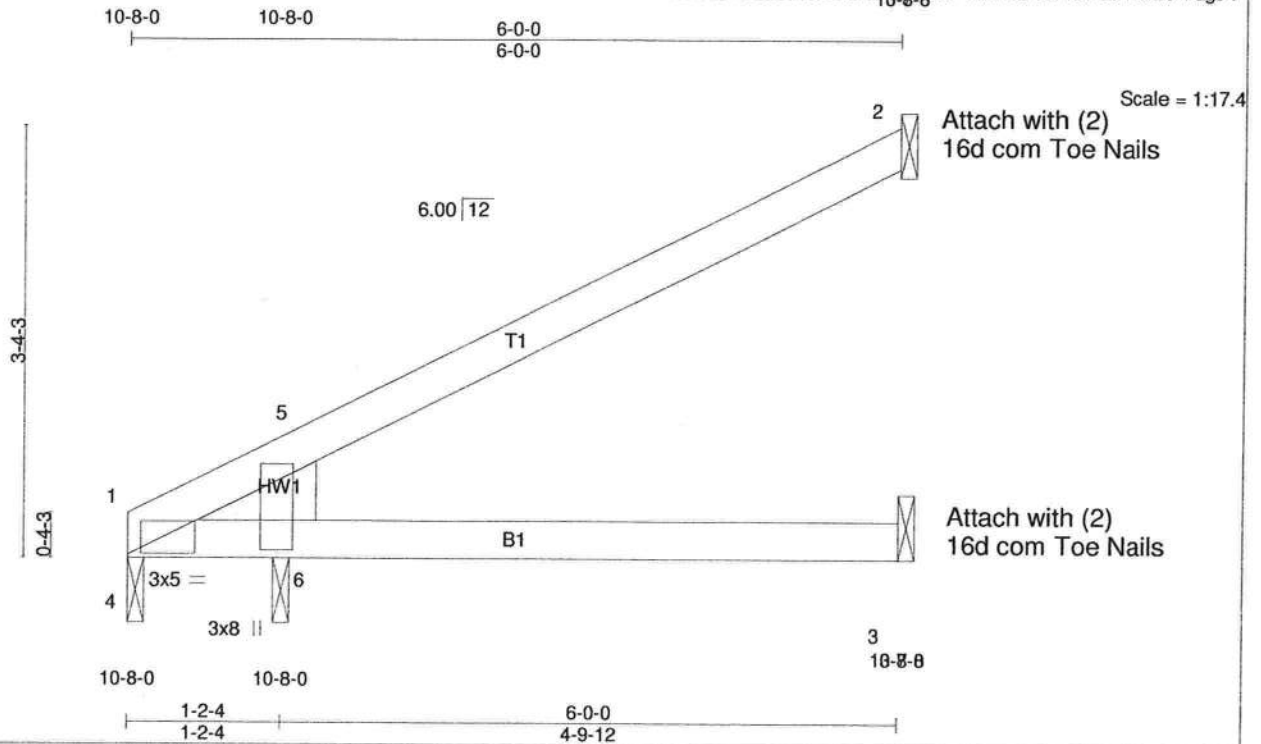


Plate Offsets (X,Y): [1:0-6-4,Edge], [1:0-0-8,1-0-5]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.26	Vert(LL)	0.08	3-6	>848	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.26	Vert(TL)	-0.09	3-6	>752	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.00	Horz(TL)	-0.01	1	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)							
										Weight: 21 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEDGE
Left: 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 7-10-3 oc bracing.

REACTIONS

All bearings Mechanical except (jt=length) 4=0-1-8, 4=0-1-8.
(lb) - Max Horz 4=154(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 3, 4 except 2=-117(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 2, 3, 4, 4

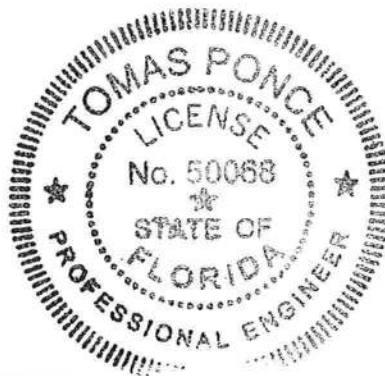
FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-5=-538/412
BOT CHORD 4-6=-643/651
WEBS 1-4=-347/294, 4-5=-536/460, 1-6=-615/592

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 at joint(s) 4, 4.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=-117.

LOAD CASE(S) Standard

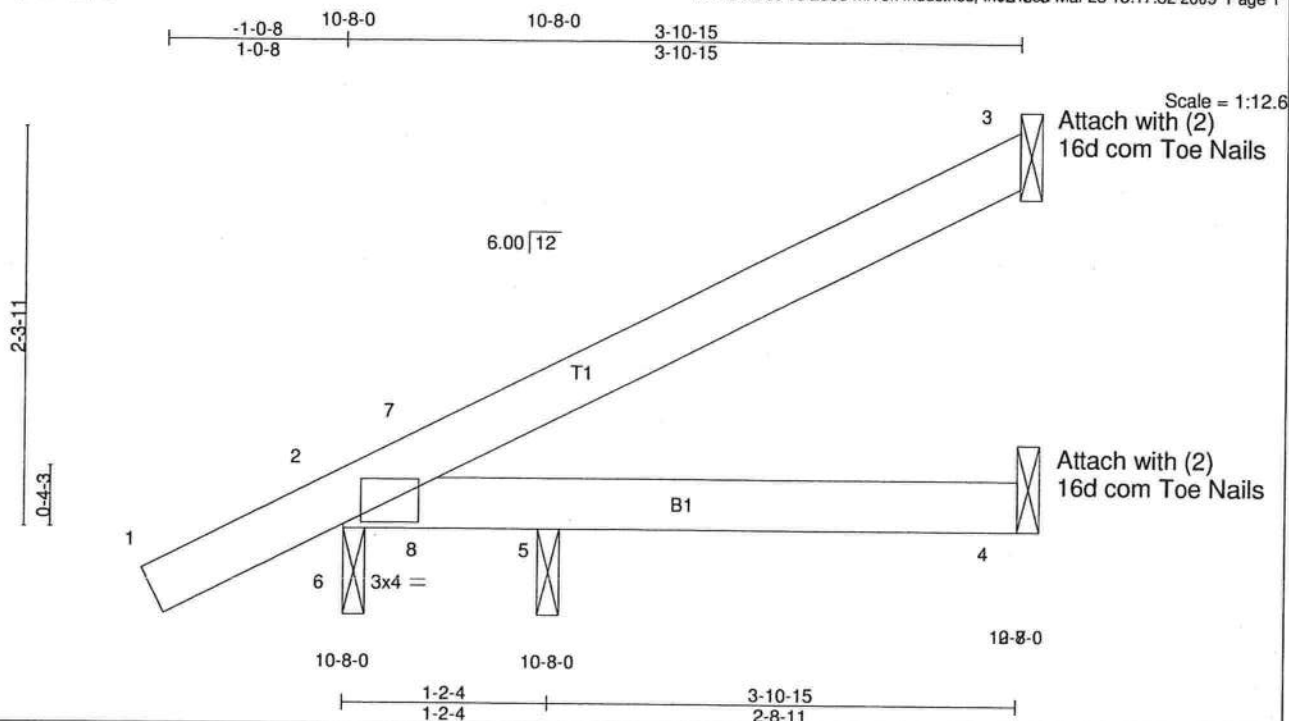


MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	J9X	JACK	3	1	

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. 2:00 Mar 23 13:17:32 2009 Page 1



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2'-0"	TC 0.16	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.09	Vert(LL) -0.00 4-5 >999 240		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.00 4-5 >999 180		
BCDL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) -0.00 3 n/a n/a		
	Code FRC2007/TPI2002			Weight: 14 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

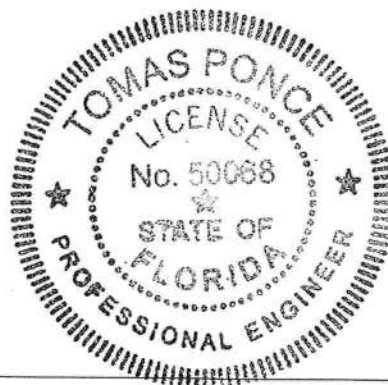
REACTIONS All bearings Mechanical except (jt=length) 6=0-1-8, 5=0-1-8.
(lb) - Max Horz 6=145(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 3, 6, 5
Max Grav All reactions 250 lb or less at joint(s) 3, 6, 4, 5

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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" tall by 1'-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) 6, 5.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 6, 5.

LOAD CASE(S) Standard



[Handwritten signature]

MAR 23 2009

Job GEORGETOWN	Truss J9AX	Truss Type JACK	Qty 1	Ply 1	GEORGETOWN_140_FLA_07
Maronda Homes Inc., Sanford, FL			Job Reference (optional) 7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 16:49:32 2009 Page 1		

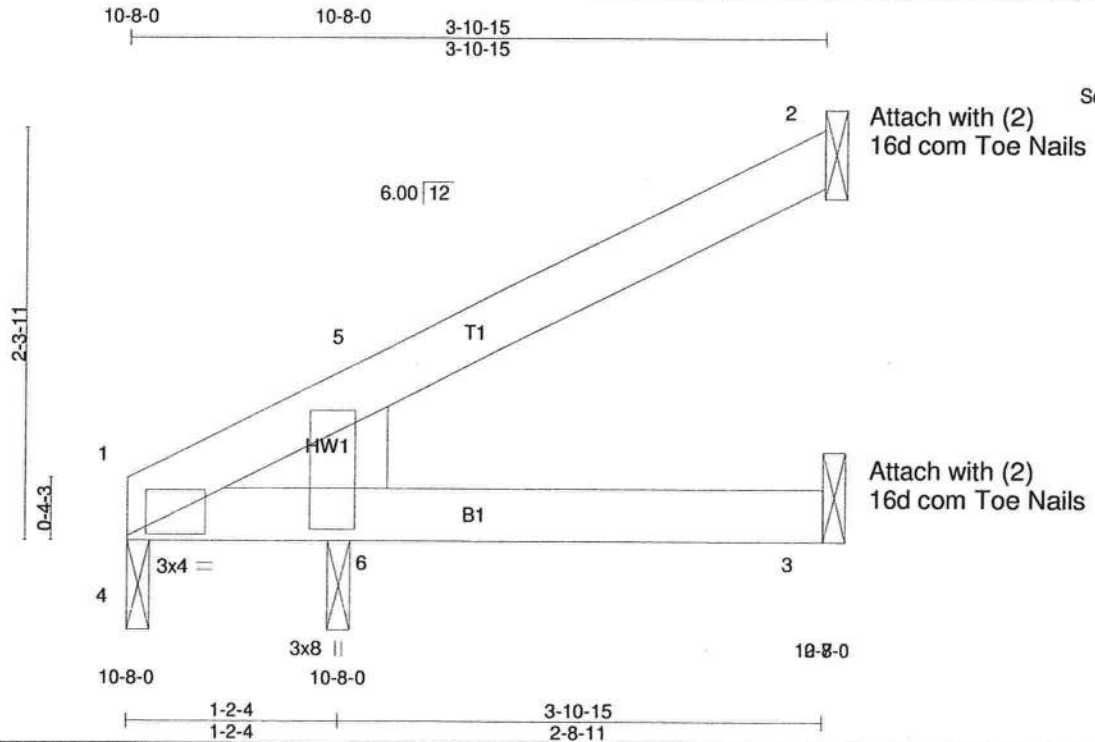


Plate Offsets (X,Y): [1:0-1-4,0-0-2], [1:0-0-8,1-0-5]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.11	Vert(LL)	0.02	3-6	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.12	Vert(TL)	-0.02	3-6	>999	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.00	Horz(TL)	-0.00	1	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)							
										Weight: 15 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings Mechanical except (jt=length) 4=0-1-8, 4=0-1-8.
(lb) - Max Horz 4=100(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 2, 3, 4
Max Grav All reactions 250 lb or less at joint(s) 2, 3, 4, 4

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; 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 at joint(s) 4, 4.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 3, 4.

LOAD CASE(S) Standard

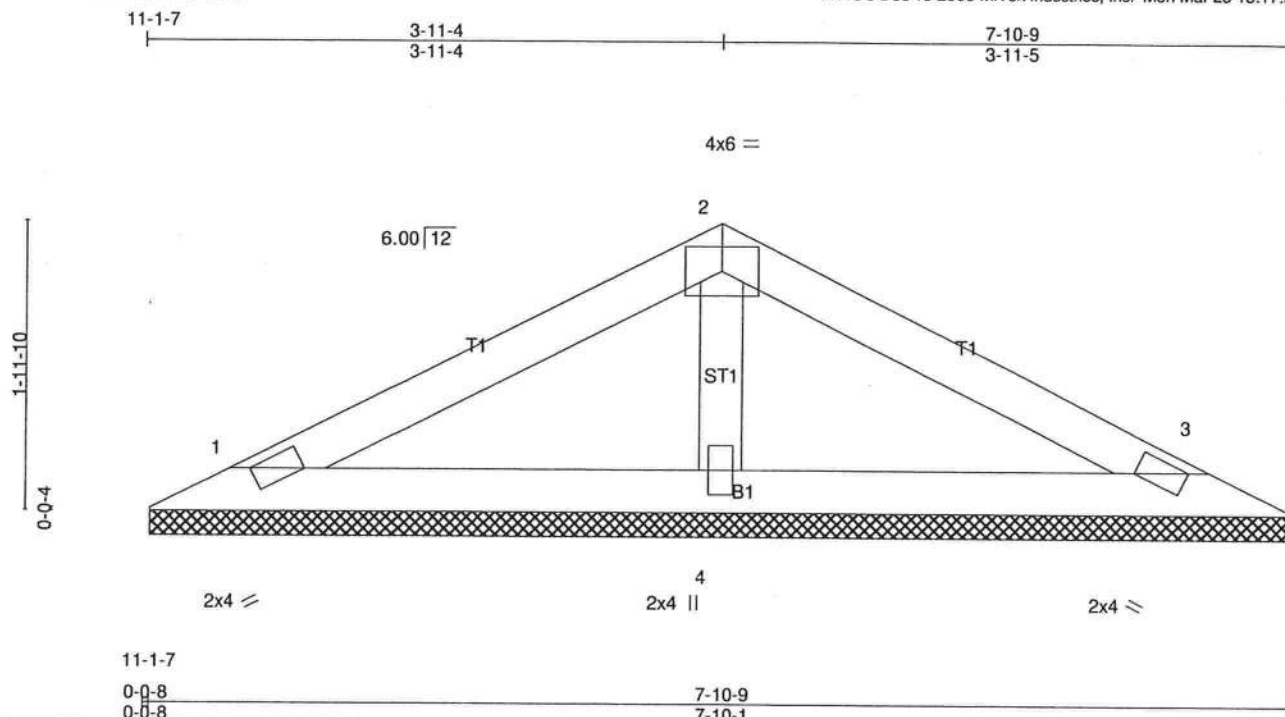


MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	RG1X	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:52 2009 Page 1



Scale = 1:14.8

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.28	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.12	Vert(LL) n/a - n/a 999		
BCLL 0.0	Lumber Increase 1.25	WB 0.06	Vert(TL) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
	Code FRC2007/TP12002			Weight: 25 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.

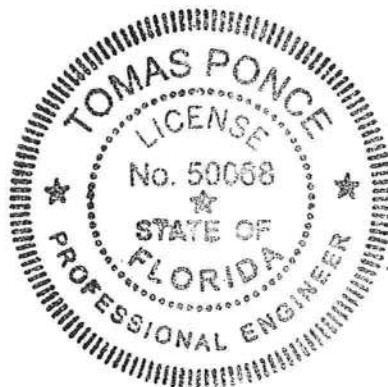
REACTIONS (lb/size) 1=109/0-1-8 (input: 7-9-9), 3=109/0-1-8 (input: 7-9-9), 4=220/0-1-8 (input: 7-9-9)
Max Horz 1=-39(LC 4)
Max Uplift 1=-106(LC 6), 3=-114(LC 7), 4=-101(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 106 lb uplift at joint 1, 114 lb uplift at joint 3 and 101 lb uplift at joint 4.
- Non Standard bearing condition. Review required.

LOAD CASE(S) Standard



MAR 23 2009

Job GEORGETOWN	Truss V1X	Truss Type VALLEY	Qty 1	Ply 1	GEORGETOWN_140_FL_A_07
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:17:58 2009 Page 1

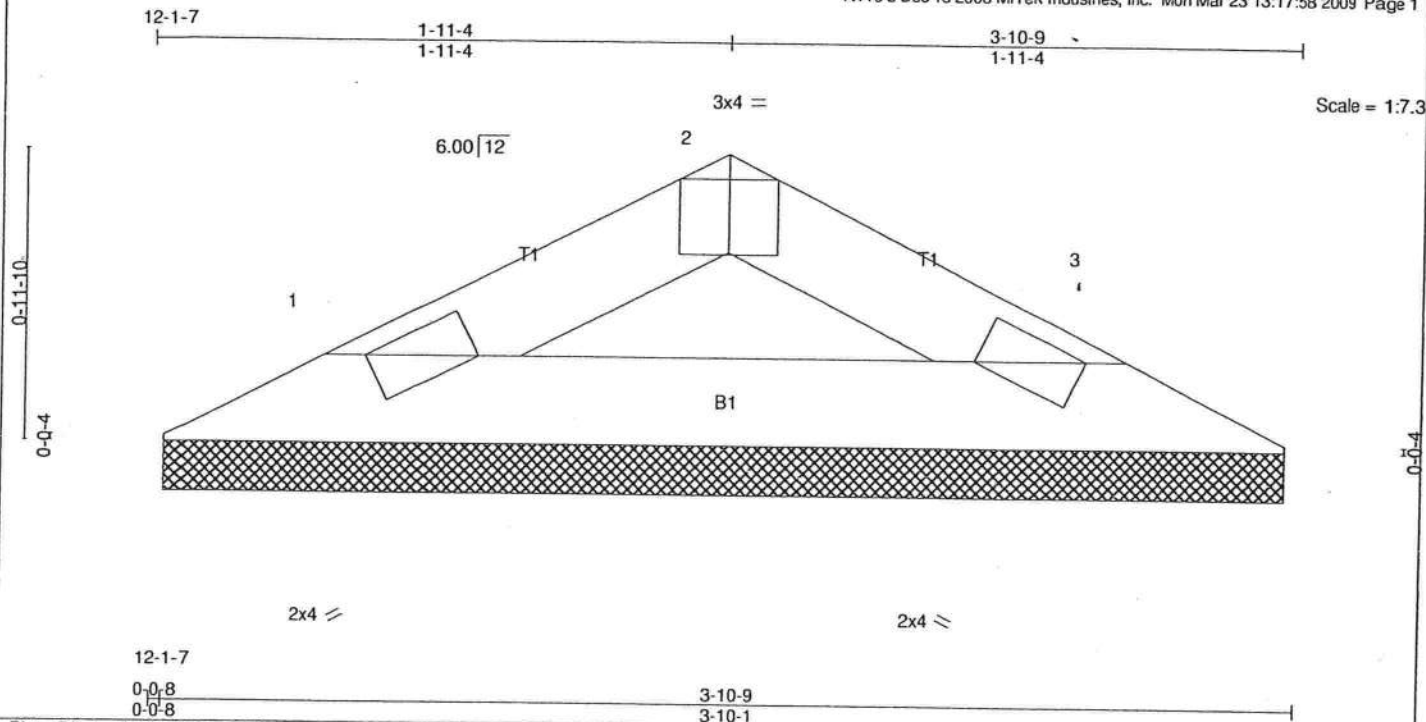


Plate Offsets (X,Y): [2:0-2:0,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.04	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 0.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix)							
										Weight: 10 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-10-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=87/0-1-8 (input: 3-9-9), 3=87/0-1-8 (input: 3-9-9)
Max Horz 1=-14(LC 4)
Max Uplift 1=-34(LC 6), 3=-34(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 34 lb uplift at joint 1 and 34 lb uplift at joint 3.

LOAD CASE(S) Standard

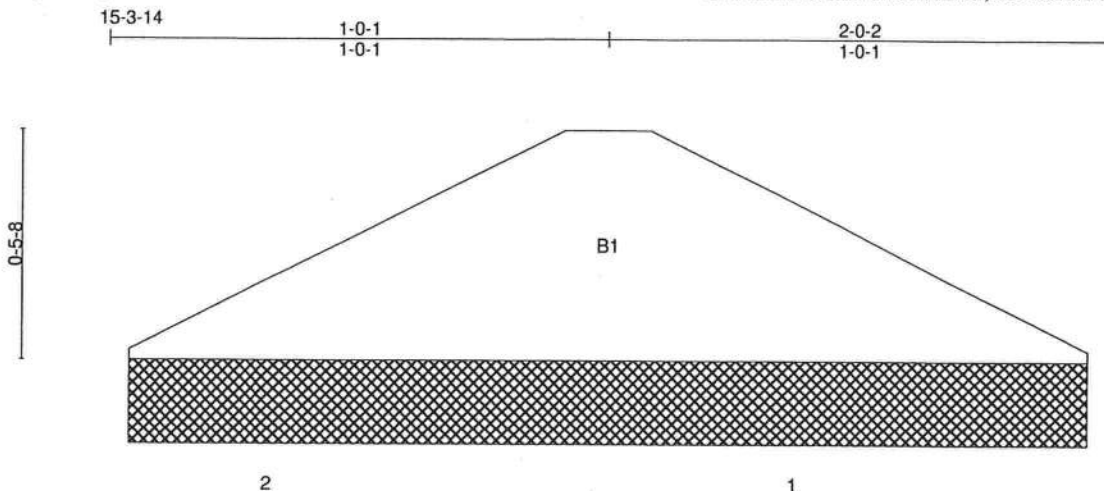


[Signature]

MAR 23 2009

Job GEORGETOWN	Truss VM1X	Truss Type VALLEY	Qty 1	Ply 1	GEORGETOWN_140_FLA_07
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:11 2009 Page 1



Scale = 1:4.3

15'-3'-14

0'-0'-8
0'-0'-8

2'-0'-2
1'-11'-10

LOADING (psf)	SPACING	2'-0'-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	0.90	TC 0.00	Vert(LL)	n/a	-	n/a	999		
TCDL 7.0	Plt. Metal Increase	0.90	BC 0.01	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Lumber Increase	0.90	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 10.0	Rep Stress Incr	NO	(Matrix)							
	Code FRC2007/TPI2002								Weight: 5 lb	

LUMBER

BOT CHORD 2 X 6 SYP No.2

BRACING

BOT CHORD Rigid ceiling directly applied or 10'-0'-0 oc bracing.

REACTIONS (lb/size) 2=11/0-1-8 (input: 1-11-2), 1=11/0-1-8 (input: 1-11-2)
Max Grav 2=21(LC 2), 1=21(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Gable requires continuous bottom chord bearing.
- 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.

LOAD CASE(S) Standard

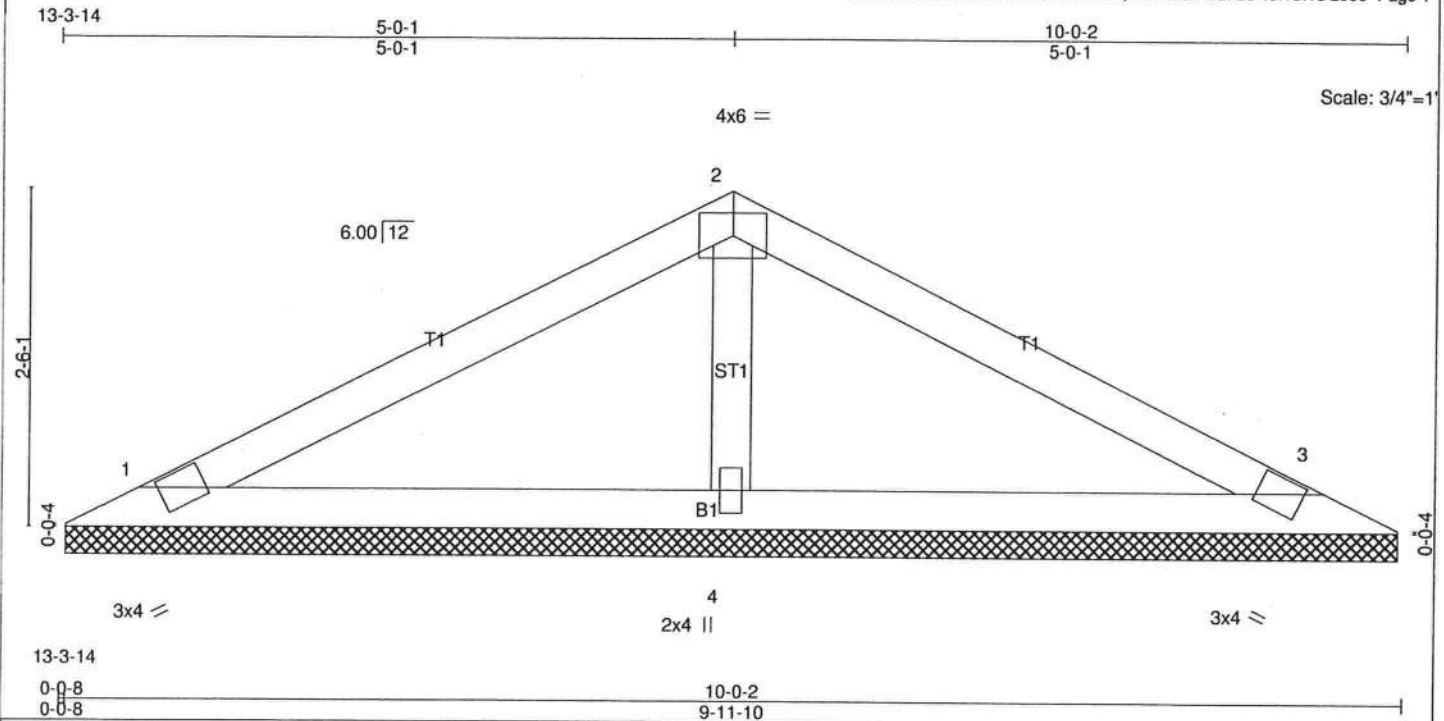


MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	VM3X	GABLE	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:13 2009 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 0.13	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.05	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix)							
									Weight: 32 lb	

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

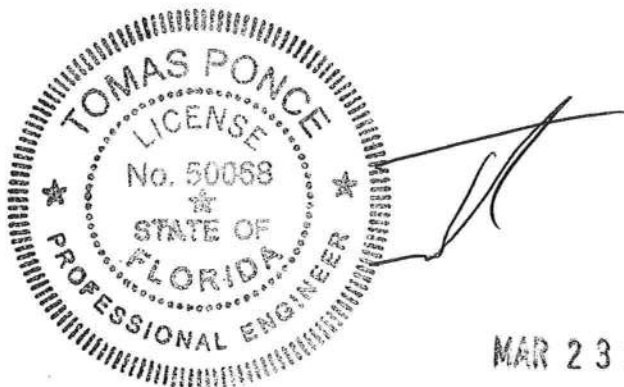
REACTIONS (lb/size) 1=123/0-1-8 (input: 9-11-2), 3=123/0-1-8 (input: 9-11-2), 4=333/0-1-8 (input: 9-11-2)
 Max Horz 1=-46(LC 4)
 Max Uplift 1=-61(LC 6), 3=-68(LC 7), 4=-103(LC 6)
 Max Grav 1=127(LC 10), 3=127(LC 11), 4=333(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 61 lb uplift at joint 1, 68 lb uplift at joint 3 and 103 lb uplift at joint 4.

LOAD CASE(S) Standard



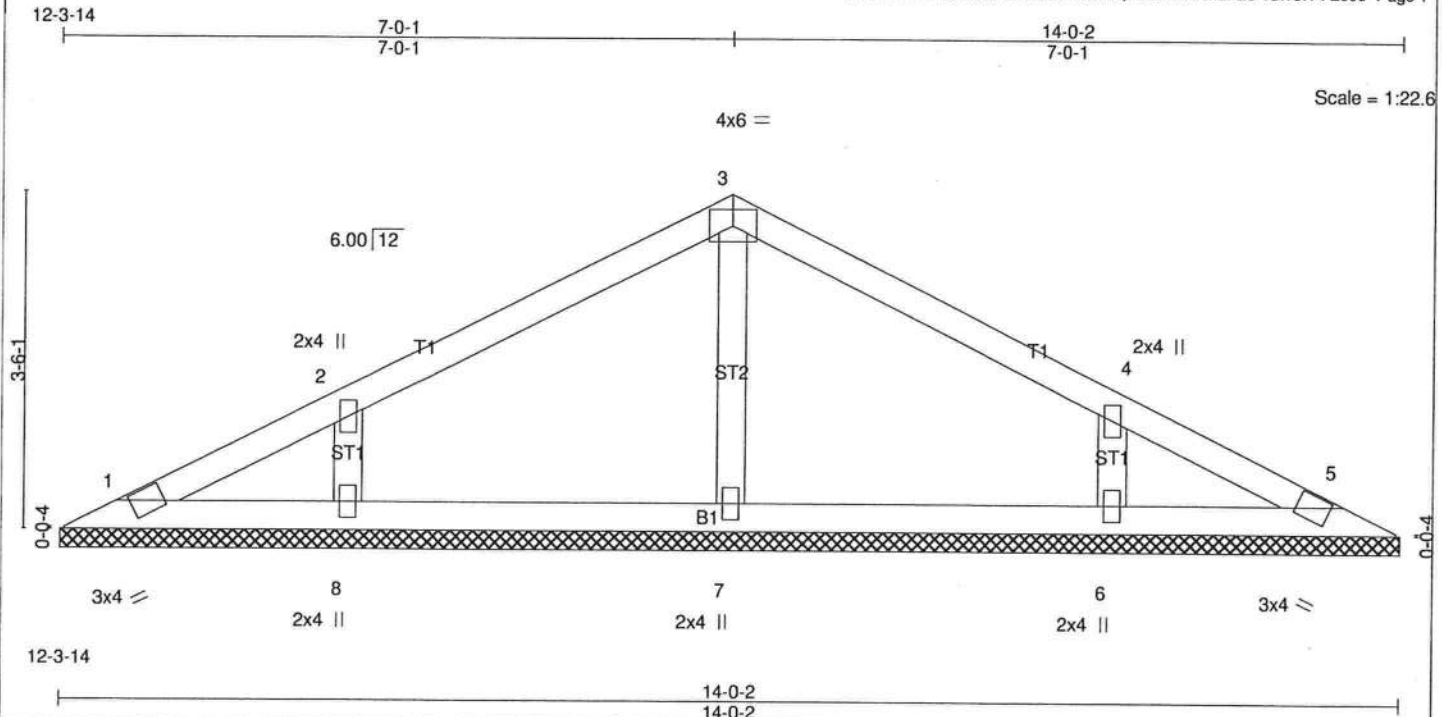
MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	VM4X	GABLE	1	1	

Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:14 2009 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 0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.09	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.06	Horz(TL)	0.00	5	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix)							
									Weight: 49 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.

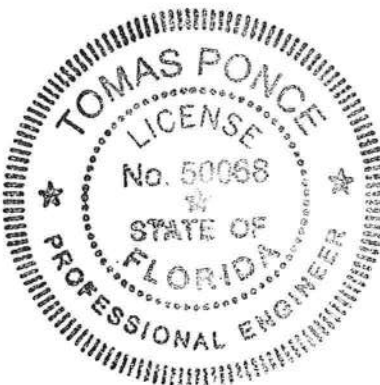
REACTIONS All bearings 14-0-2.
 (lb) - Max Horz 1=-66(LC 4)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 8=-165(LC 6), 6=-165(LC 7)
 Max Grav All reactions 250 lb or less at joint(s) 1, 5, 8, 6 except 7=255(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 7 except (jt=lb) 8=165, 6=165.

LOAD CASE(S) Standard



[Handwritten signature]

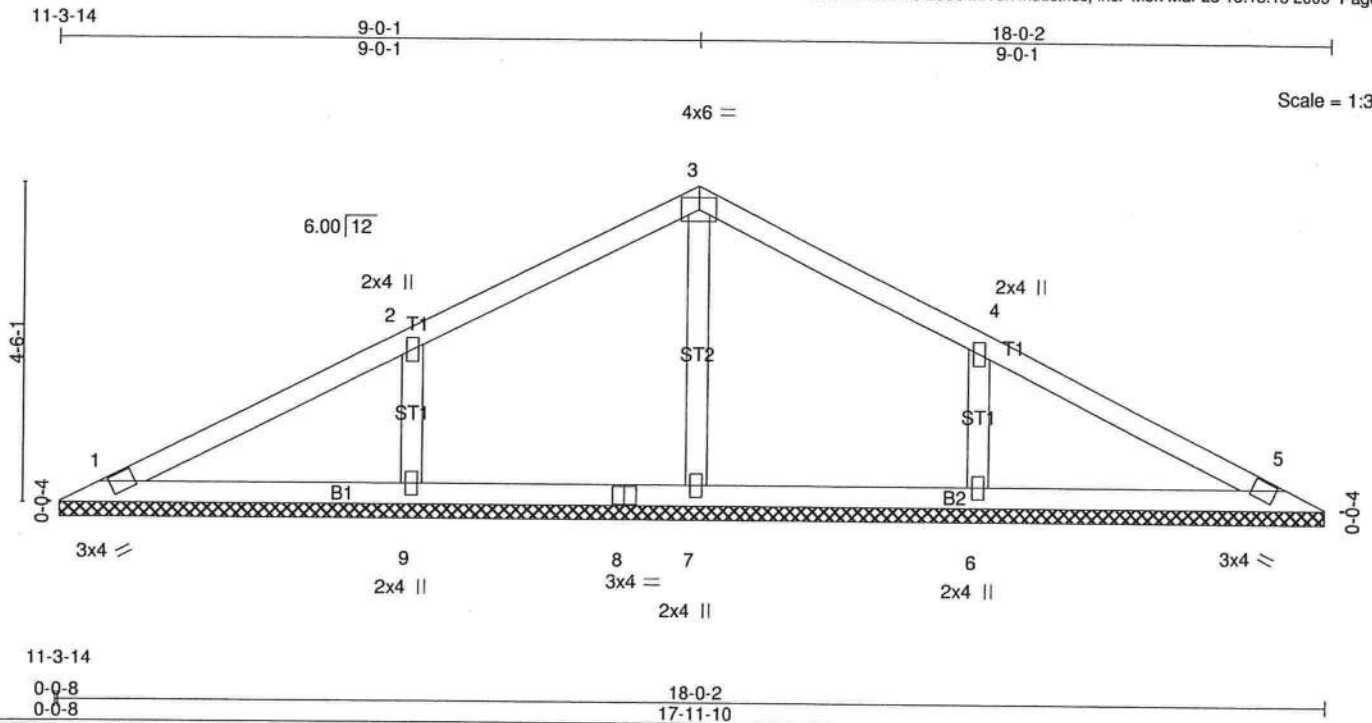
MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	VM5X	GABLE	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:15 2009 Page 1

Scale = 1:30.7



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.11	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.07	Horz(TL)	0.00	5	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix)						Weight: 66 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" oc purlins.
BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

REACTIONS

All bearings 17-11-2.
(lb) - Max Horz 1=87(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=221(LC 6), 6=221(LC 7)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 9=328(LC 10), 6=328(LC 11)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=221/288, 4-6=221/288

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 1'-0" wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=221, 6=221.

LOAD CASE(S) Standard



[Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	VM14X	COMMON	1	1	

Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:17 2009 Page 1

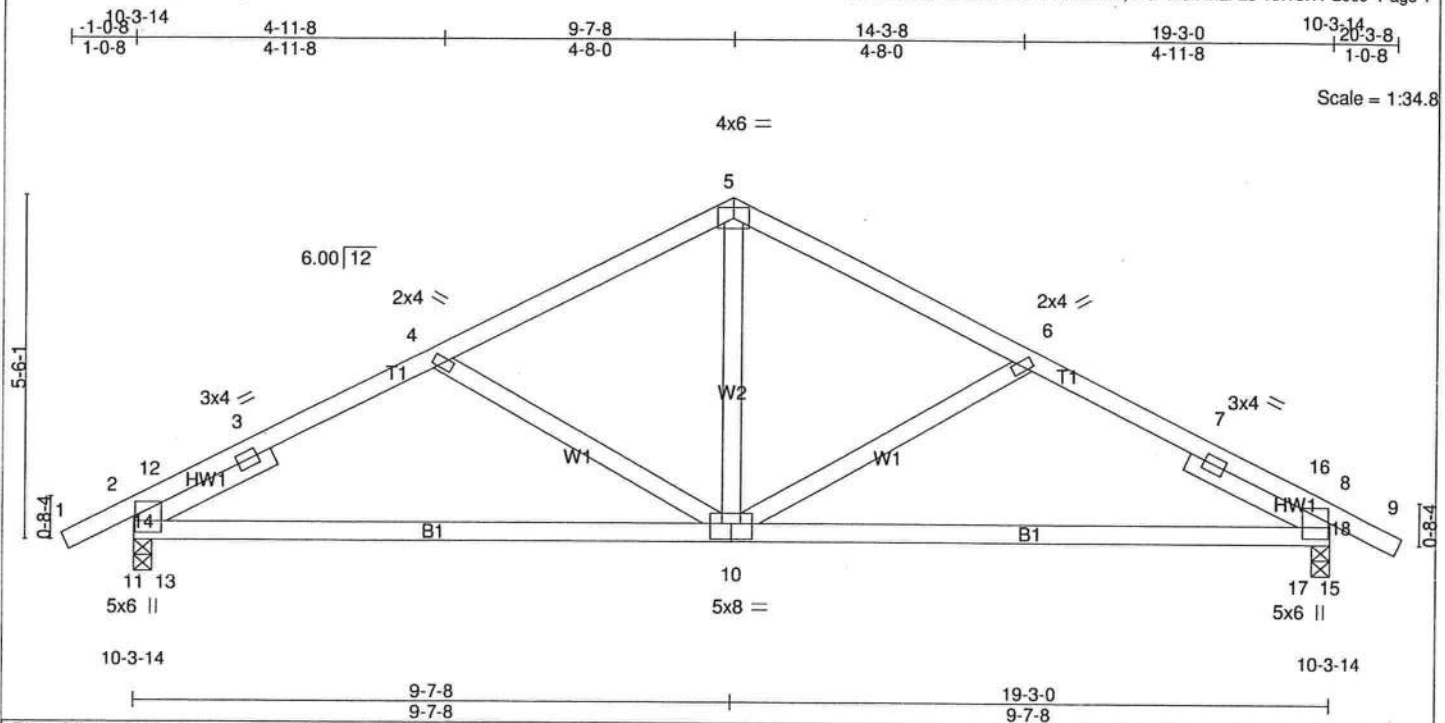


Plate Offsets (X,Y): [2:0-3-2,0-0-5], [8:0-3-2,0-0-5], [10:0-4-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.25	Vert(LL)	-0.10 10-13	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.57	Vert(TL)	-0.25 10-13	>931	180		
BCLL 0.0	Rep Stress Incr	NO	WB 0.16	Horz(TL)	0.02 8	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)						
								Weight: 95 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 4 SYP No.2 2-6-0, Right 2 X 4 SYP No.2 2-6-0

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.

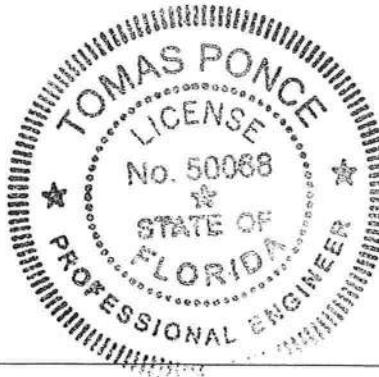
REACTIONS (lb/size) 11=686/0-1-8 (input: 0-3-8), 15=686/0-1-8 (input: 0-3-8)
 Max Horz 11=-125(LC 7)
 Max Uplift 11=-328(LC 6), 15=-328(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-12=-828/0, 3-12=-772/0, 3-4=-872/595, 4-5=-750/469, 5-6=-750/469, 6-7=-872/595,
 7-16=-772/0, 8-16=-828/0
 BOT CHORD 11-13=-271/251, 10-13=-361/807, 10-17=-361/807, 15-17=-209/251
 WEBS 5-10=-143/486, 6-10=-231/262, 4-10=-231/262, 2-11=-598/204, 13-14=0/336, 2-14=0/561,
 11-14=-207/320, 3-14=-426/652, 8-15=-598/204, 17-18=0/336, 8-18=0/561,
 15-18=-207/320, 7-18=-426/652

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=328, 15=328.

LOAD CASE(S) Standard



[Handwritten Signature]

MAR 23 2009

Job GEORGETOWN	Truss VM15X	Truss Type HIP	Qty 1	Ply 1	GEORGETOWN_140_FL_A_07
Job Reference (optional)					

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:18 2009 Page 1

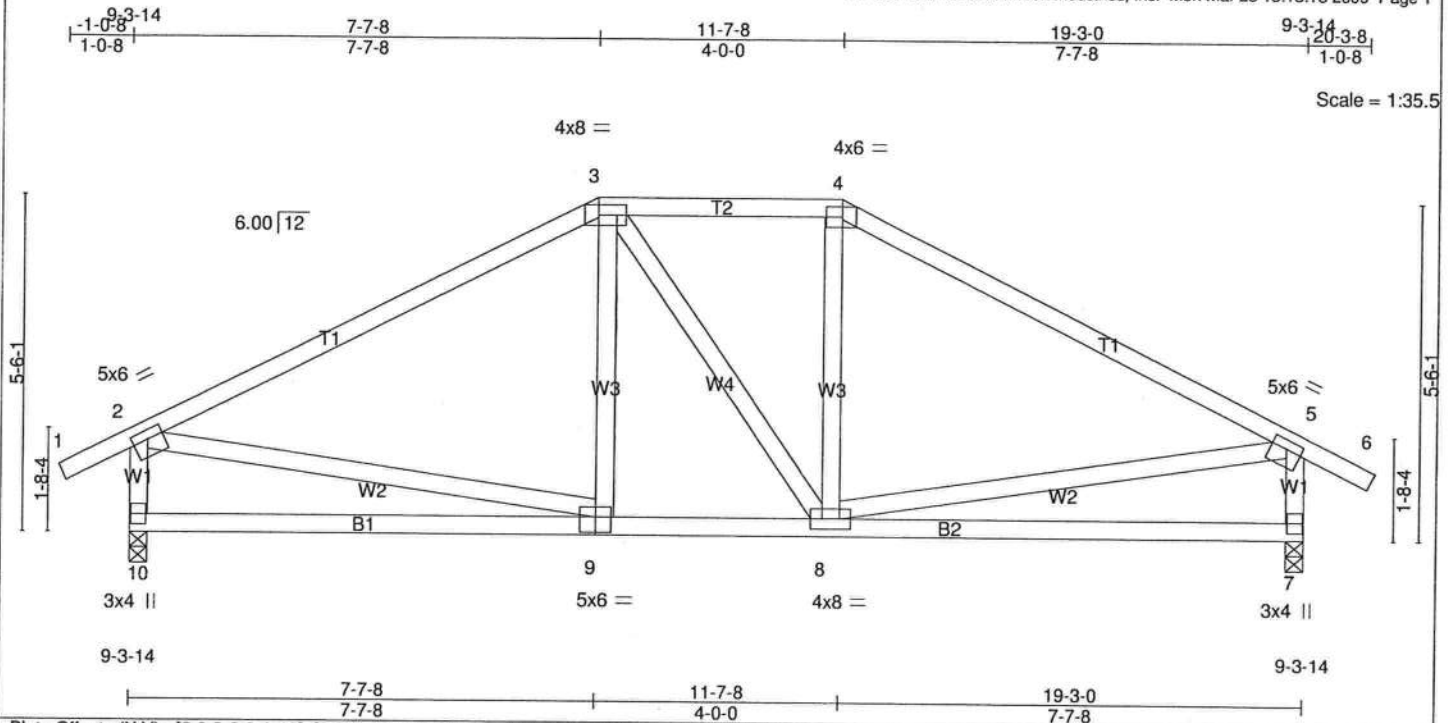


Plate Offsets (X,Y): [2:0-3-0,0-1-12], [3:0-5-4,0-2-0], [4:0-3-4,0-2-0], [5:0-3-0,0-1-12], [9:0-3-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.43	Vert(LL)	-0.07	7-8	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.36	Vert(TL)	-0.17	7-8	>999	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.10	Horz(TL)	0.01	7	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)							
									Weight: 113 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 *Except*
W3,W4: 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) 10=683/0-1-8 (input: 0-3-8), 7=683/0-1-8 (input: 0-3-8)
Max Horz 10=109(LC 6)
Max Uplift 10=313(LC 6), 7=313(LC 7)

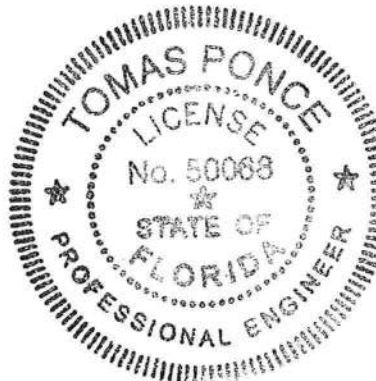
FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-726/460, 3-4=-578/500, 4-5=-727/462, 2-10=-600/572, 5-7=-598/573
BOT CHORD 8-9=-201/575
WEBS 2-9=-106/373, 5-8=-111/370

NOTES

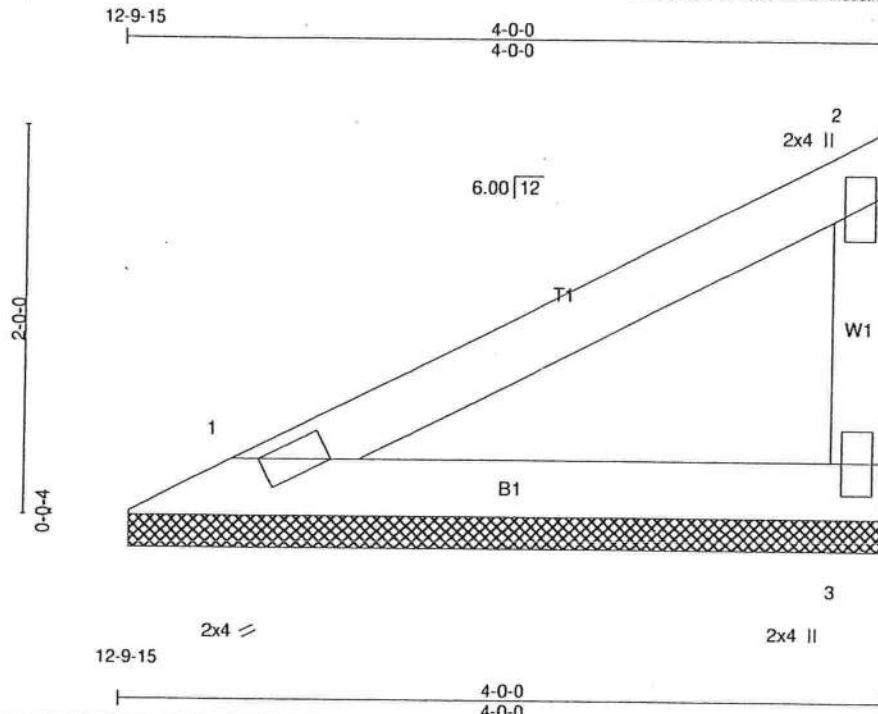
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=313, 7=313.

LOAD CASE(S) Standard



MAR 23 2009

Job GEORGETOWN	Truss V7X	Truss Type VALLEY	Qty 1	Ply 1	GEORGETOWN_140_FLA_07
Maronda Homes Inc., Sanford, FL			Job Reference (optional) 7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:04 2009 Page 1		



Scale = 1:11.2

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.13	in (loc) l/dell L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.10	Vert(LL) n/a - n/a 999		
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Vert(TL) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 n/a n/a		
	Code FRC2007/TPI2002				
					Weight: 14 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=107/0-1-8 (input: 3-11-8), 3=107/0-1-8 (input: 3-11-8)
Max Horz 1=84(LC 6)
Max Uplift 1=-30(LC 6), 3=-72(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Gable requires continuous bottom chord bearing.
- 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 100 lb uplift at joint(s) 1, 3.

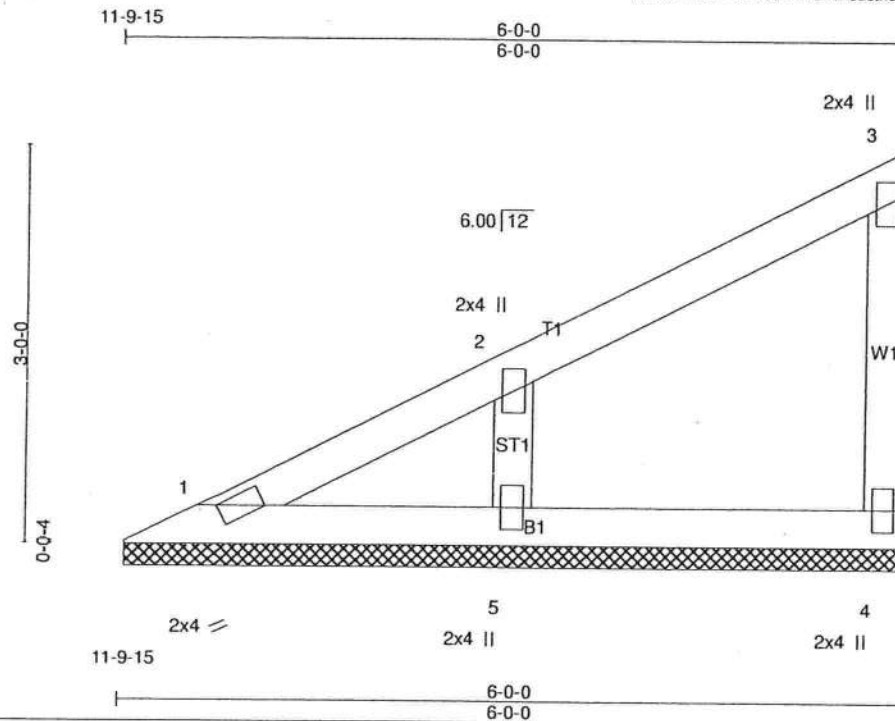
LOAD CASE(S) Standard



[Signature]

MAR 23 2009

Job GEORGETOWN	Truss V8X	Truss Type VALLEY	Qty 1	Ply 1	GEORGETOWN_140_FL_A_07
Maronda Homes Inc., Sanford, FL					
7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:05 2009 Page 1					
Job Reference (optional)					



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.09	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 0.0	Rep Stress Incr	YES	WB 0.03	Horz(TL)	0.00	-	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002		(Matrix)							
										Weight: 23 lb

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

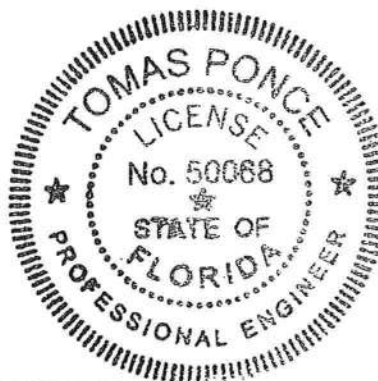
REACTIONS (lb/size) 1=54/0-1-8 (input: 5-11-8), 4=74/0-1-8 (input: 5-11-8), 5=217/0-1-8 (input: 5-11-8)
Max Horz 1=136(LC 6)
Max Uplift 4=50(LC 6), 5=146(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Gable requires continuous bottom chord bearing.
- 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 100 lb uplift at joint(s) 4 except (jt=lb) 5=146.

LOAD CASE(S) Standard

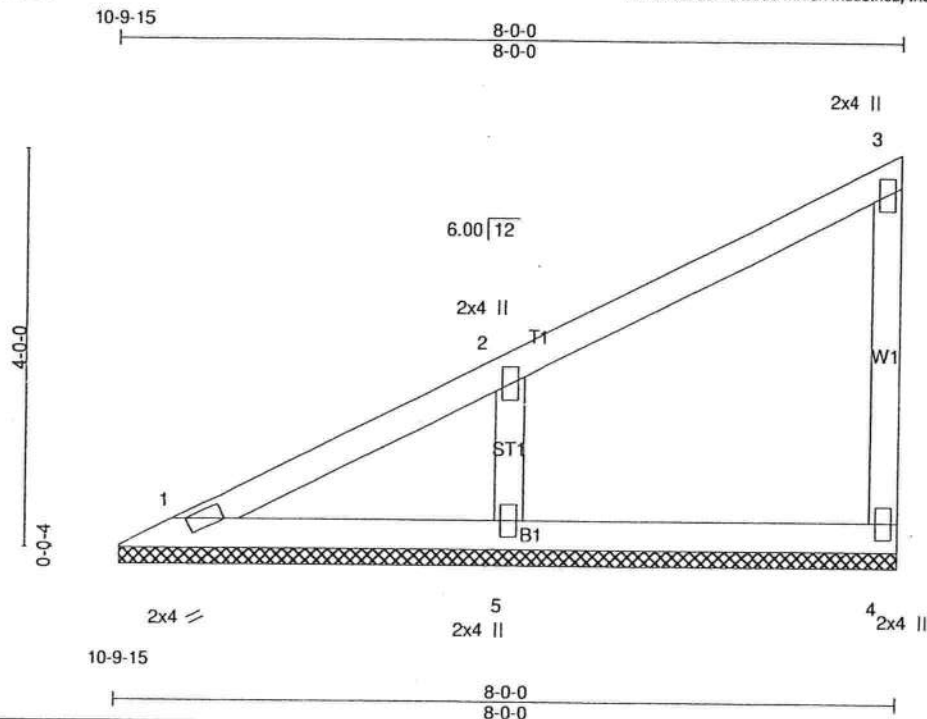


MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FL_A_07
GEORGETOWN	V9X	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:06 2009 Page 1



Scale = 1:21.9

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2'-0"	TC 0.16	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.13	Vert(LL) n/a - n/a 999		
BCLL 0.0	Lumber Increase 1.25	WB 0.05	Vert(TL) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 n/a n/a		
	Code FRC2007/TPI2002			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.2

BRACING

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

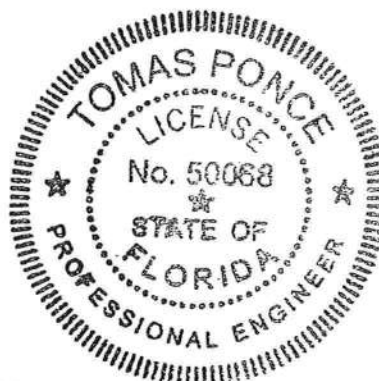
REACTIONS (lb/size) 1=79/0-1-8 (input: 7-11-8), 4=99/0-1-8 (input: 7-11-8), 5=299/0-1-8 (input: 7-11-8)
Max Horz 1=188(LC 6)
Max Uplift 4=-67(LC 6), 5=-202(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-209/317

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Gable requires continuous bottom chord bearing.
- 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" tall by 1'-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 100 lb uplift at joint(s) 4 except (jt=lb) 5=202.

LOAD CASE(S) Standard



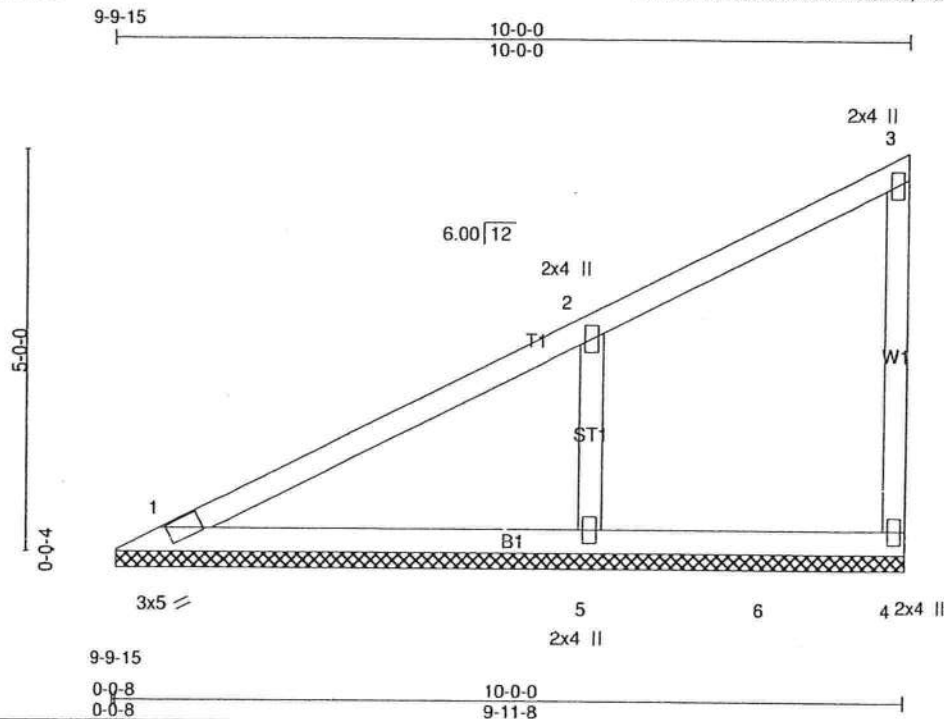
[Signature]

MAR 23 2009

Job	Truss	Truss Type	Qty	Ply	GEORGETOWN_140_FLA_07
GEORGETOWN	V10X	GABLE	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Mar 23 13:18:06 2009 Page 1



Scale = 1:27.1

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 16.0	Plates Increase 1.25	TC 0.23	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.20	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.05	Vert(TL) n/a - n/a 999		
BCDL 10.0	Code FRC2007/TPI2002	(Matrix)	Horz(TL) 0.00 4 n/a n/a		
				Weight: 41 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.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.

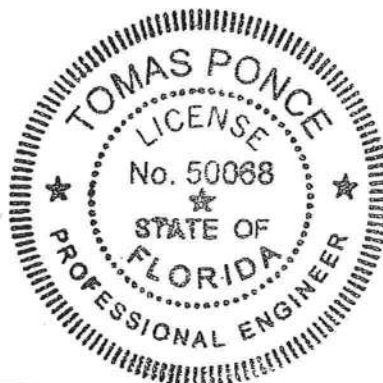
REACTIONS (lb/size) 1=146/0-1-8 (input: 9-11-8), 4=134/0-1-8 (input: 9-11-8), 5=394/0-1-8 (input: 9-11-8)
 Max Horz 1=240(LC 6)
 Max Uplift 4=-56(LC 6), 5=-257(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 WEBS 2-5=-252/361

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Gable requires continuous bottom chord bearing.
- 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, with BCDL = 10.0psf.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 5=257.

LOAD CASE(S) Standard



[Signature]

MAR 23 2009

CLIENT MAJONDA Homes DATE 7 July 07

PROJECT NAME TIMBER LANDS Lot #18 LAKE CITY PROJECT NO. _____

EARTH CONTRACTOR 328 Sx1 Timber Ridge Dr. PERMIT NO. # 28786

COMPACTION REQUIREMENT (%) 95% ☐ Standard Proctor TESTED BY JWC

TOTAL ON-SITE TIME _____ ☐ Modified Proctor _____ FIELD CONTACT _____

MILES FROM OFFICE _____

☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☒ Building Pad ☐ Building Footing ☐ Other _____

REMARKS _____

- * Density failed to meet minimum project requirement
- ** Retest indicates minimum density requirement was obtained.
- () Client is aware of unsatisfactory test results.

COLUMBIA COUNTY OFFICE 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-16-02856-118

Building permit No. 000027786

Use Classification SFD, UTILITY

Fire: 77.00

Permit Holder THEODORE C. BROOK

Waste: 201.00

Owner of Building MARONDA HOMES INC. OF FLORIDA

Total: 278.00

Location: 328 SW TIMBER RIDGE DR., LAKE CITY, FL

Date: 10/02/2009

Tony Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

**HOMETEAM****PEST DEFENSE®****TREATMENT WORKORDER**

- ☐ Termite Baiting System w/Tubes-under-the slab
☐ Treat Only ☒ Tubes-under-the slab and Treat ☐ Bora-Care

DATE CALLED IN:		DATE OF SCHEDULE:	7/13/09
TIME CALLED IN:		TIME SCHEDULE:	8:30

JOB NAME:	Marouda Homes	SUBDIVISION:	Timberland
JOB ADDRESS:	328 SW Timber Ridge Dr.		
BILLING NAME:	BILLING PHONE:		
BILLING ADDRESS:			
CALLLED IN BY:	PHONE:	PERMIT NUMBER: 000027786	

LOT & MODEL NUMBER: Lot 18

DATE & TIME COMPLETED: 7/13/09

SQUARE FOOT: 2644 LINEAR FOOT: BLOCKVOIDS:

SLAB TYPE: mono TYPE OF FILL: dirt/sand

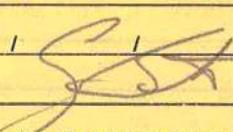
APPROX. DEPTH OF FOOTING: Outside: Inside:

- ☐ Addition ☐ Spot Treat ☐ Pool Addition ☐ Driveway
☐ Final/Completion ☐ Other

PESTICIDE USED: Imaxx Pro TOTAL APPLIED: 135 gal

PERCENT (%) USED: 11% STICKER POSTED: 1/85

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.

LEGAL DESCRIPTION:
LOT EIGHTEEN (18) OF TIMBERLANDS PHASE 1st 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

BUILDING SETBACK NOTE:

BUILDING SETBACK INFORMATION FOR TIMBERLANDS PHASE 1st IS AS FOLLOWS: FRONT-25', REAR-15', SIDE-10'.

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.

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.

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.

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.

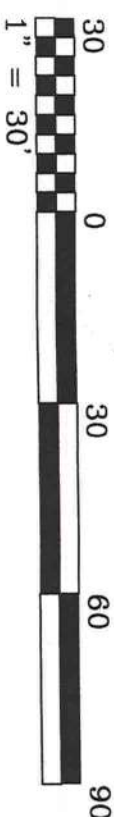
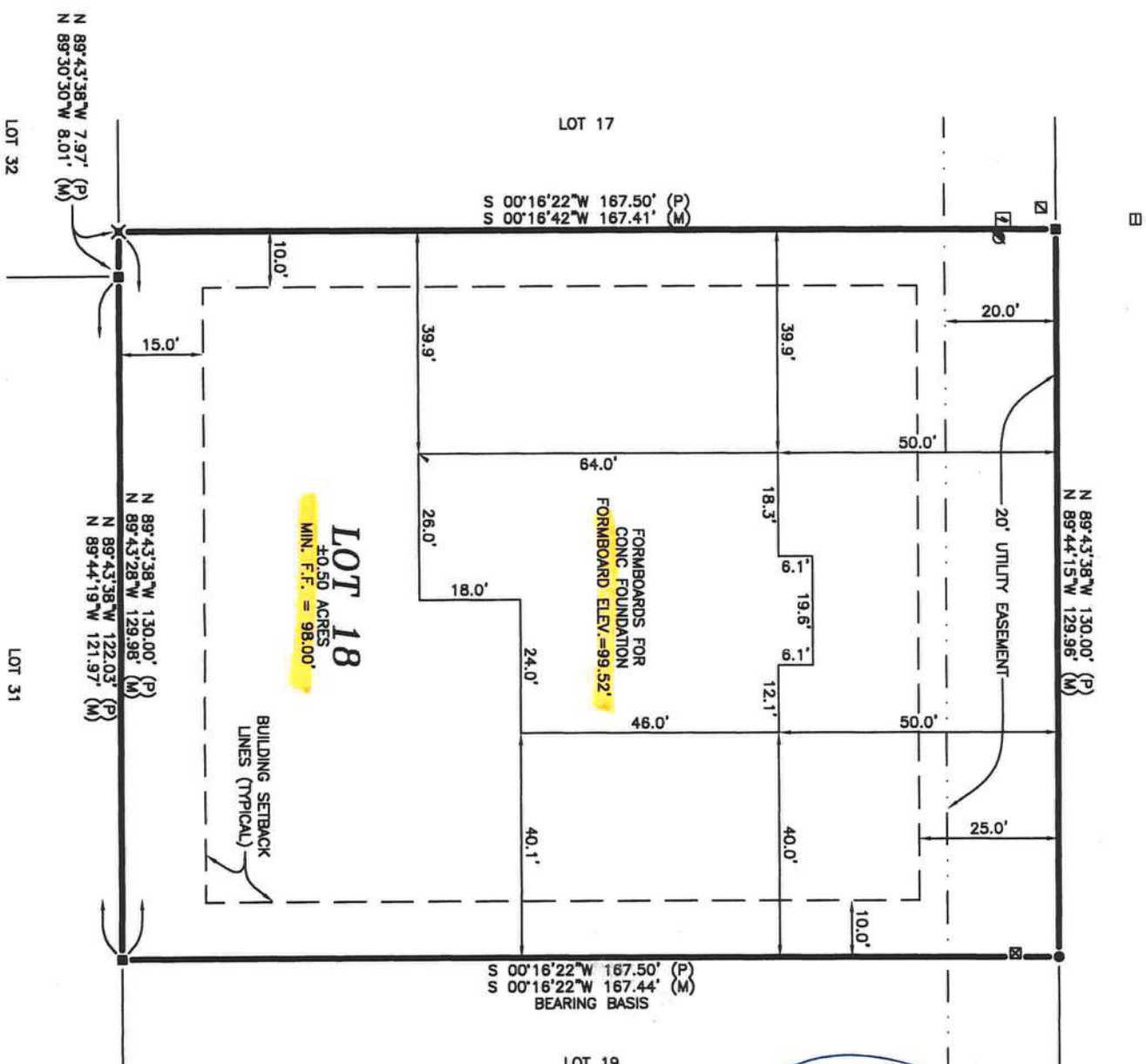


BOUNDARY SURVEY

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

S.W. TIMBER RIDGE DRIVE

60' RIGHT-OF-WAY
±20' ASPHALT ROAD



LEGEND:

- = FOUND 1/2" REBAR & CAP L.B. 6894
- = FOUND 4" X 4" CONC. MON. P.S.M. 5757
- X = FOUND NAIL NO IDENTIFICATION
- ⊞ = CATV RISER
- ⊞ = ELECTRIC TRANSFORMER
- ⊞ = FIBERGLASS LIGHT POLE
- ⊞ = TELEPHONE HANDHOLE
- ⊞ = TELEPHONE PEDESTAL

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
- 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 61G32-6, FLORIDA ADMINISTRATIVE CODE.

BY: *James E. Brinkman*
JAMES E. BRINKMAN, PSM - FLA. CERT# 5582
DATE: 2/15/09



BRINKMAN SURVEYING & MAPPING INC.

4607 NW 6th STREET SUITE C, GAINESVILLE, FL 32609
PHONE: (352) 374-7707 FAX: (352) 374-8757

SCALE: 1" = 30'
DATE: 7/15/2009
FIELD WORK COMPLETED ON 7/7/2009
FIELDBOOK 101, PAGE 60
DRAWN BY: B.G.
CHECKED BY: J.B.

PREPARED FOR: MARONDA
DRAWING NUMBER 005-09

LOT EIGHTEEN (18) 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

SW TIMBER RIDGE DRIVE

60.00' RIGHT OF WAY

CERTIFIED TO:

1) MARONDA HOMES

BUILDING SETBACK NOTE:

BUILDING SETBACK INFORMATION FOR
"TIMBERLANDS PHASE 1" IS AS FOLLOWS:
FRONT 25', REAR 15', SIDE 10'

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 (PLANTING SUPERVISOR) DATUM UNKNOWN.

SURVEYOR NOTES:

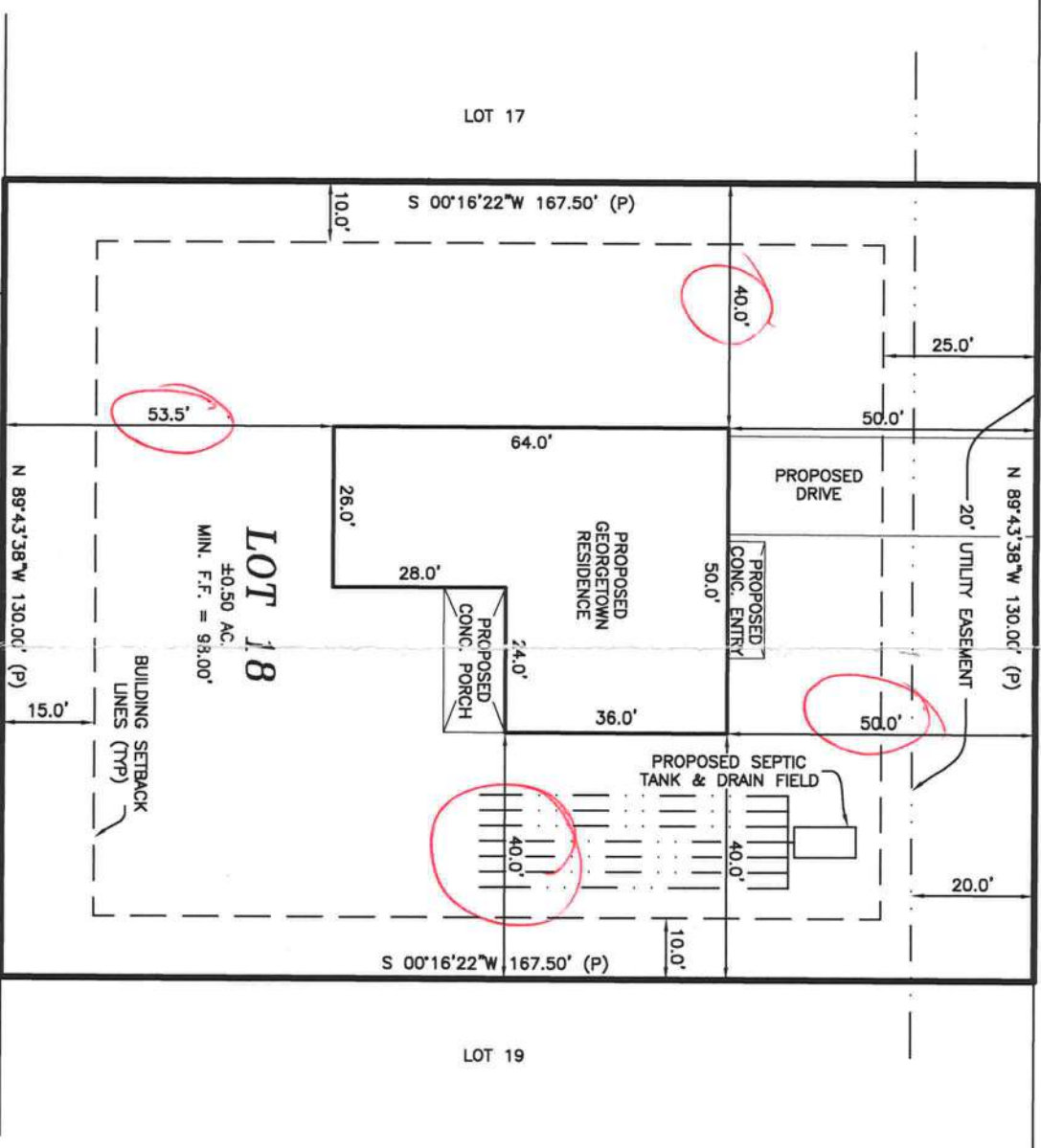
- 1) TO THE BEST OF MY KNOWLEDGE, THERE ARE NO ENCROACHMENTS, BOUNDARY LINE DISPUTES, EASEMENTS, OR CLAIMS OF EASEMENTS, OTHER THAN ARE DEPICTED ON THIS DRAWING.
- 2) ALL UTILITIES AND OR IMPROVEMENTS, IF ANY, MAY NOT BE SHOWN ON THIS DRAWING.
- 3) IN THE OPINION OF THIS SURVEYOR THE BOUNDARY SHOWN HEREON 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 PLAN, 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 PLAN, 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 AFFECT THIS PARCEL. THE PRESENCE OR ABSENCE OF ANY SUCH CLAIMS ARE NOT CERTIFIED HEREON.



LEGEND:

- | | | | | | | | | | | | |
|--|--|--------------------------------------|---|--|--|--------------------------------------|-----------------------|--------------------------------------|----------------|------------------------|---------------------|
| ● = FOUND 1/2" REBAR NO IDENTIFICATION | ● = FOUND 1/2" REBAR & CAP
LB. 6894 | ○ = SET 1/2" REBAR & CAP
LB. 6894 | ⊙ = FOUND 3/4" IRON PIPE | ■ = FOUND 4" X 4" CONC. MON.
NO IDENTIFICATION | □ = SET 4" X 4" CONC. MON.
P.S.M. 5582 | X = SET NAIL & DISK P.S.M. 5582 | X = FOUND NAIL & DISK | ☒ = FOUND 6" X 6" S.R.D.
R/W MON. | ☐ = CATV RISER | ☑ = TELEPHONE PEDESTAL | ⊗ = WOOD POWER POLE |
| ASPH = ASPHALT/CONCRETE | CATV = CALCULATED FROM MEASURED 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
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 | | | | | |

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	
MH	=	MANHOLE	
O.U.	=	OVERHEAD UTILITIES	
2			
P	=	PLAT	
PB	=	PLAT BOOK	
P.U.E	=	PUBLIC UTILITIES	EASEMENT
TRANS	=	TRANSFORMER	
TRP	=	TYPICAL	
WM	=	WATER METER	
WV	=	WATER VALVE	

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 61G17-5, FLORIDA ADMINISTRATIVE CODE.

JAMES E. BRINKMAN, PSM - FLA. CERT# 5582
DATE: 2/6/09



BRINKMAN SURVEYING & MAPPING INC.

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

FAX: (352) 374-8757

SCALE: 1" = 30'	"THE BENCHMARK IN QUALITY SERVICE"	DRAWN BY: ZL
DATE: 2/2/2009		CHECKED BY: J.B.

CHECKED BY: J.B.

FIELD WORK COMPLETED ON **** FIELDBOOK **, PAGE **

••

PREPARED FOR: MARONDA

DRAWING NUMBER
005 00