DATE 10/16/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027431

APPLICANT PATRICK WILSON PHONE 352 206-5459

ADDRESS 6800 SOUTHPOINT PARKWAY LAKE CITY FL 32216

OWNER MARONDA HOMES PHONE 904-296-1490

ADDRESS 304 SW MULBERRY DRIVE LAKE CITY FL 32024

CONTRACTOR THEODORE BROCK PHONE 904 296-1490

LOCATION OF PROPERTY 90W, TL 247S, TR ON 252B, TL TIMBER RIDGE, TL
MULBERRY, 7TH LOT ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 138550.00

HEATED FLOOR AREA 2223.00 TOTAL AREA 2771.00 HEIGHT 25.00 STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT

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-16-02856-130 SUBDIVISION TIMBERLANDS

LOT 30 BLOCK PHASE UNIT TOTAL ACRES 0.50

000001681		CBC1256382		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
CULVERT	08-622	BK	HD	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ELEVATION CONFIRMATION LETTER REQUIRED AT SLAB,

Check # or Cash 941618

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 659.00 CERTIFICATION FEE $ 13.86 SURCHARGE FEE $ 13.86

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** 786.72

INSPECTORS OFFICE CLERKS OFFICE CN

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

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

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0809-51 Date Received 9/24 By VW Permit # 1681/27431

Zoning Official BLK Date 26.09.08 Flood Zone X Pw plat Land Use Res. Low Den Zoning RSF-2

FEMA Map # N/A Elevation N/A MFE 91.0 ft. River N/A Plans Examiner NO Date 9-25-08

Comments Elevation Confirmation Letter Required at SLAB

☐ NOC ☐ EH ☐ 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 $29.88 Fire $78.63 Corr $409.16 Road/Code $1,046.00/210

School $1,500.00 = TOTAL $3,063.67

Septic Permit No. Fax (904) 332-6375

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

Address 6800 Southpoint Pkwy #300 Jacksonville, FL 32216

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

911 Address 304 SW Mulberry Drive Lake City, FL 32055

Contractors Name Theodore C. Brock Phone (904) 296-1490

Address 6800 Southpoint Pkwy #300 Jacksonville, FL 32216

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

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

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

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

Property ID Number 10-4S-16-02850-130 Estimated Cost of Construction $100,035.00

Subdivision Name Timberlands Lot 30 Block 1 Unit ____ Phase ____

Driving Directions Hwy 90, left on 247 South; Right on 252B; left on Timber Ridge, T/L on SW Mulberry Drive, 7th Lot on Right.

Number of Existing Dwellings on Property 0

Construction of Residential Single Family Dwelling Total Acreage 1/2 Lot Size ____

Do you need a - (Culvert Permit) or Culvert Waiver or Have an Existing Drive Total Building Height 25

Actual Distance of Structure from Property Lines - Front 50.0' Side 48.0' Side 48.0' Rear 61.0'

Number of Stories 2 Heated Floor Area 2223 Total Floor Area 2771 Roof Pitch 12/6

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

$ 186.72

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

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 28 **day of** August **20**08.

Personally known X **or Produced Identification**

Melissa L. McKague

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

SEAL:

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

Revised 1-10-08

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

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

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

WARRANTY DEED
(CORPORATION)

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

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

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

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.
To Have and to Hold, the same in fee simple forever.
And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2007, reservations, restrictions and easements of record, if any.
(Wherever used herein the terms "grantor" and "grantee" included all the parties to this instrument, and the heirs. legal representatives and assigns of individuals, and the successors and assigns of corporation.)
In Witness Whereof, the Grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officers thereunto duly authorized, the day and year first above written.

Signed, sealed and delivered in our presence:

ATTEST: _____
Secretary

RML HOLDINGS INC.

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

BY: _____
ROBERT R. LARDIZABAL, PRESIDENT

Witness Signature: Jodi M. Gable AVP
Printed Name: Jodi M. Gable

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

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

My Commission Expires:

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

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

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-622-N

PART II - SITE PLAN

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

See Attached Site Plan

Notes:

Site Plan submitted by: Patrick Wilson (Signature) Agent (Title)

Plan Approved ✓ Not Approved ____ Date 9/17/08

By MAD Columbia County Health Departmen

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

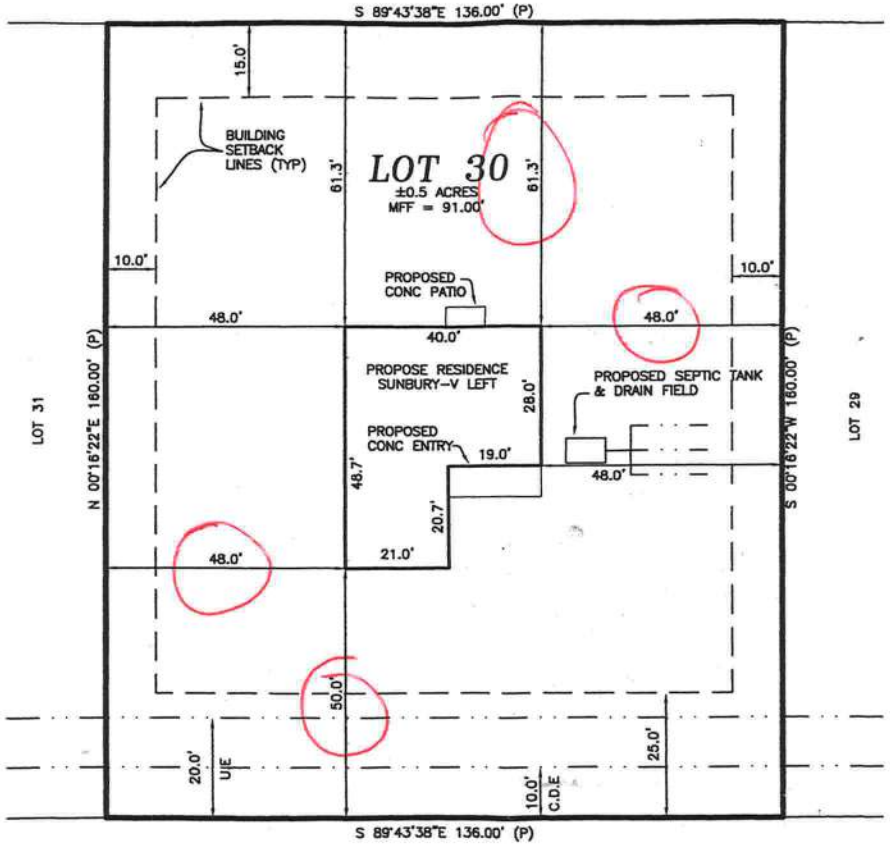
ION:
PHASE 1" AS
N PLAT BOOK
RECORDS OF

PROPOSED BUILDING LAYOUT

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

N
W E
S

30 0 30 60 90
1" = 30'



S.W. MULBERRY DRIVE
60' RIGHT-OF-WAY

LEGEND:

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

ABBREVIATIONS:

A/C = AIR CONDITIONER
ASPH = ASPHALT
C = CALCULATED FROM MEASURED
CATV = CABLE TELEVISION
C/B = CONCRETE BLOCK
CLF = CHAIN LINK FENCE
CM = CONCRETE MONUMENT
CONC = CONCRETE
ELEC = ELECTRIC
ELEV = ELEVATION
FND = FOUND
FNC = FENCE
LB = LICENSED SURVEYOR BUSINESS
(M) = FIELD MEASURED
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

SED UPON A BENCHMARK SET IN A
WITH AN ELEVATION OF 98.76'. THIS
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SS OTHERWISE

FLOOD NOTE:

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

TITLE NOTE:

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

THIS IS NOT A BOUNDARY SURVEY

CERTIFICATE OF SURVEYOR:

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

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

BY: _____
JAMES E. BRINKMAN, PSM - FLA. CERT# 5582

DATE: 8/14/08

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

SCALE: 1" = 30'	"THE BENCHMARK IN QUALITY SERVICE"	DRAWN BY: ZL
DATE: 8/14/08		CHECKED BY: J.B.
FIELD WORK COMPLETED ON **** FIELDBOOK **, PAGE **		
PREPARED FOR: MARONDA		DRAWING NUMBER 176-08

FORM 600A-2004R

EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

30/1 TM

Project Name:	SUNBURY GAINESVILLE	Builder:	MARONDA HOMES
Address:	304 SW Mulberry Drive	Permitting Office:	Columbia
City, State:	Lake City, FL 32055	Permit Number:	27431
Owner:	ELECTRIC	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 40.5 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2223 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT)	7a. (Sngle Default) 263.0 ft²	a. Electric Heat Pump	Cap: 40.5 kBtu/hr
b. SHGC:			HSPF: 8.10
(or Clear or Tint DEFAULT)	7b. (Clear) 263.0 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 136.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Concrete, Int Insul, Exterior	R=4.1, 720.0 ft²		EF: 0.90
b. Frame, Wood, Exterior	R=13.0, 992.0 ft²	b. N/A	
c. Frame, Steel, Adjacent	R=13.0, 159.0 ft²		
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=19.0, 1120.0 ft²	15. HVAC credits	PT,
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Con. AH(Sealed):Interior	Sup. R=6.0, 150.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

Glass/Floor Area: 0.12

Total as-built points: 28722

Total base points: 30122

PASS

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

PREPARED BY: _____

DATE: Wayne Campbell 08/28/08

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

OWNER/AGENT: Melissa McKague

DATE: Melissa McKague 08/29/08

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

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , , ,** PERMIT #:

BASE

GLASS TYPES

.18 X	Conditioned Floor Area	X BSPM	= Points
.18	2223.0	18.59	7439.0

WALL TYPES

	Area	X BSPM	= Points
Adjacent	159.0	0.70	111.3
Exterior	1712.0	1.70	2910.4
Base Total:	**1871.0**		**3021.7**

DOOR TYPES

	Area	X BSPM	= Points
Adjacent	17.0	2.40	40.8
Exterior	20.0	6.10	122.0
Base Total:	**37.0**		**162.8**

CEILING TYPES

	Area	X BSPM	= Points
Under Attic	1120.0	1.73	1937.6
Base Total:	**1120.0**		**1937.6**

FLOOR TYPES

	Area	X BSPM	= Points
Slab	136.0(p)	-37.0	-5032.0
Raised	0.0	0.00	0.0
Base Total:			**-5032.0**

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
1.Single, Clear	E	1.0	6.0	30.0	47.92	0.97	1394.0
2.Single, Clear	E	1.0	15.0	30.0	47.92	1.00	1432.0
3.Single, Clear	E	1.0	4.0	9.0	47.92	0.91	393.0
4.Single, Clear	E	1.0	4.0	6.0	47.92	0.91	262.0
5.Single, Clear	E	1.0	4.0	6.0	47.92	0.91	262.0
6.Single, Clear	N	1.0	15.0	30.0	21.73	1.00	649.0
7.Single, Clear	W	1.0	16.0	40.0	43.84	1.00	1748.0
8.Single, Clear	W	1.0	15.0	30.0	43.84	1.00	1311.0
9.Single, Clear	W	1.0	13.0	9.0	43.84	1.00	393.0
10.Single, Clear	W	1.0	5.5	15.0	43.84	0.96	632.0
11.Single, Clear	W	1.0	5.5	15.0	43.84	0.96	632.0
12.Single, Clear	W	1.0	5.5	30.0	43.84	0.96	1265.0
13.Single, Clear	E	4.0	2.5	8.0	47.92	0.42	161.0
14.Single, Clear	E	4.0	7.0	5.0	47.92	0.68	162.0
As-Built Total:				**263.0**			**10696.0**

Type	R-Value	Area X	SPM =	Points
1. Concrete, Int Insul, Exterior	4.1	720.0	1.13	817.2
2. Frame, Wood, Exterior	13.0	992.0	1.50	1488.0
3. Frame, Steel, Adjacent	13.0	159.0	0.90	143.1
As-Built Total:		**1871.0**		**2448.3**

Type	Area X	SPM =	Points
1.Exterior Insulated	20.0	4.10	82.0
2.Adjacent Wood	17.0	2.40	40.8
As-Built Total:	**37.0**		**122.8**

Type	R-Value	Area X	SPM X SCM =	Points
1. Under Attic	19.0	1120.0	2.34 X 1.00	2620.8
As-Built Total:		**1120.0**		**2620.8**

Type	R-Value	Area X	SPM =	Points
1. Slab-On-Grade Edge Insulation	0.0	136.0(p	-41.20	-5603.2
As-Built Total:		**136.0**		**-5603.2**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , , ,** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points				Area X	SPM	=	Points
	2223.0	10.21	22696.8				2223.0	10.21		22696.8
Summer Base Points: 30225.9				**Summer As-Built Points:**						**32981.5**
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Cooling Points
				(sys 1: Central Unit 40500btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)						
				32982		1.00	(1.08 x 1.147 x 0.86)	0.260	0.950	8732.2
30225.9		**0.3250**	**9823.4**	**32981.5**		**1.00**	**1.072**	**0.260**	**0.950**	**8732.2**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , , ,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2223.0	20.17	8071.0	1.Single, Clear	E	1.0	6.0	30.0	26.41	1.02	804.0	
				2.Single, Clear	E	1.0	15.0	30.0	26.41	1.00	795.0	
				3.Single, Clear	E	1.0	4.0	9.0	26.41	1.04	246.0	
				4.Single, Clear	E	1.0	4.0	6.0	26.41	1.04	164.0	
				5.Single, Clear	E	1.0	4.0	6.0	26.41	1.04	164.0	
				6.Single, Clear	N	1.0	15.0	30.0	33.22	1.00	996.0	
				7.Single, Clear	W	1.0	16.0	40.0	28.84	1.00	1154.0	
				8.Single, Clear	W	1.0	15.0	30.0	28.84	1.00	866.0	
				9.Single, Clear	W	1.0	13.0	9.0	28.84	1.00	259.0	
				10.Single, Clear	W	1.0	5.5	15.0	28.84	1.01	436.0	
				11.Single, Clear	W	1.0	5.5	15.0	28.84	1.01	436.0	
				12.Single, Clear	W	1.0	5.5	30.0	28.84	1.01	873.0	
				13.Single, Clear	E	4.0	2.5	8.0	26.41	1.41	297.0	
				14.Single, Clear	E	4.0	7.0	5.0	26.41	1.15	151.0	
				As-Built Total:				**263.0**			**7641.0**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	159.0	3.60	572.4	1. Concrete, Int Insul, Exterior	4.1	720.0	6.42	4622.4
Exterior	1712.0	3.70	6334.4	2. Frame, Wood, Exterior	13.0	992.0	3.40	3372.8
				3. Frame, Steel, Adjacent	13.0	159.0	4.90	779.1
Base Total:	**1871.0**		**6906.8**	**As-Built Total:**		**1871.0**		**8774.3**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	17.0	11.50	195.5	1.Exterior Insulated	20.0	8.40	168.0
Exterior	20.0	12.30	246.0	2.Adjacent Wood	17.0	11.50	195.5
Base Total:	**37.0**		**441.5**	**As-Built Total:**	**37.0**		**363.5**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1120.0	2.05	2296.0	1. Under Attic	19.0	1120.0	2.70 X 1.00	3024.0
Base Total:	**1120.0**		**2296.0**	**As-Built Total:**		**1120.0**		**3024.0**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	136.0(p)	8.9	1210.4	1. Slab-On-Grade Edge Insulation	0.0	136.0(p	18.80	2556.8
Raised	0.0	0.00	0.0					
Base Total:			**1210.4**	**As-Built Total:**		**136.0**		**2556.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , , ,** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	2223.0	-0.59	-1311.6		2223.0	-0.59	-1311.6			
Winter Base Points:			**17614.1**	**Winter As-Built Points:**						**21048.0**
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
				(sys 1: Electric Heat Pump 40500 btuh ,EFF(8.1) Ducts:Unc(S),Con(R),Int(AH),R6.0						
17614.1		**0.5540**	**9758.2**	21048.0 **21048.0**		1.000 **1.00**	(1.060 x 1.169 x 0.88) **1.095**	0.421 **0.421**	0.950 **0.950**	9215.8 **9215.8**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , , ,** PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
4	2635.00	10540.0		50.0	0.90	4	1.00	2693.56	1.00	10774.2
				As-Built Total:						**10774.2**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
9823	**9758**	**10540**	**30122**	**8732**	**9216**	**10774**	**28722**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , , ,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.3

The higher the score, the more efficient the home.

ELECTRIC, Lot: , Sub: , Plat: , , ,

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	4	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	2223 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	Description Area 7a (Sngle Default) 263.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 263.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 136.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Concrete, Int Insul, Exterior	R=4.1, 720.0 ft²	
b.	Frame, Wood, Exterior	R=13.0, 992.0 ft²	
c.	Frame, Steel, Adjacent	R=13.0, 159.0 ft²	
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=19.0, 1120.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Con. AH(Sealed):Interior	Sup. R=6.0, 150.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit	Cap: 40.5 kBtu/hr	
		SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 40.5 kBtu/hr	
		HSPF: 8.10	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons	
		EF: 0.90	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT,	

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: Melvin Menegue Date: 08/28/08

Address of New Home: 304 SW Mulberry Drive City/FL Zip: Lake City, FL 32055

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

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

Duct System Summary

Entire House

MARONDA HOMES

Job: SUNBURY
Date:
By: G. CARMACK

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

Project Information

For: SUNBURY

	Heating	Cooling
External static pressure	0.60 in H2O	0.60 in H2O
Pressure losses	0.00 in H2O	0.00 in H2O
Available static pressure	0.60 in H2O	0.60 in H2O
Supply / return available pressure	0.48 / 0.12 in H2O	0.48 / 0.12 in H2O
Lowest friction rate	1.935 in/100ft	1.935 in/100ft
Actual air flow	1240 cfm	***1240*** cfm
Total effective length (TEL)	31 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
KITCHEN	h 423 5	150	150	1.935	6	x0	VlFx	25.0	0.0	st1
FAMILY ROOM	h 424 1	140	140	1.935	6	x0	VlFx	25.0	0.0	ST2
DINING ROOM	h 399 1	150	150	1.935	6	x0	VlFx	25.0	0.0	st1
LIVING ROOM	c 332 9	140	140	9.677	6	x0	VlFx	5.0	0.0	ST3
UTILITY ROOM	h 829	25	25	9.677	4	x0	VlFx	5.0	0.0	ST3
BATHROOM	c 143 2	25	25	9.677	4	x0	VlFx	5.0	0.0	ST3
MASTER BEDROOM	c 330 3	140	140	3.226	6	x0	VlFx	15.0	0.0	ST2
MASTER BATHROOM	c 251 6	100	100	3.226	5	x0	VlFx	15.0	0.0	st5
HALL BATHROOM	c 110 9	25	25	4.839	4	x0	VlFx	10.0	0.0	ST2
TOILET	c 102 3	25	25	3.226	4	x0	VlFx	15.0	0.0	st5
BEDROOM #3	h 451 1	110	110	4.839	5	x0	VlFx	10.0	0.0	st1
BEDROOM #2	c 242 2	100	100	4.839	5	x0	VlFx	10.0	0.0	ST4
BEDROOM #4	c 268 1	110	110	4.839	5	x0	VlFx	10.0	0.0	st1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	520	520	1.935	515	12	0 x 0	VinlFlx	
ST2	Peak AVF	620	620	1.935	613	12	0 x 0	VinlFlx	
ST3	Peak AVF	190	190	9.677	569	7	0 x 0	VinlFlx	st5
ST4	Peak AVF	100	100	4.839	510	5	0 x 0	VinlFlx	
st5	Peak AVF	315	315	3.226	632	10	0 x 0	VinlFlx	st2

Bold/italic values have been manually overridden

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x0	1240	1240	6.0	1.935	568	18	x0 0		VlFx	

wrightsoft the right choice

Project Summary
Entire House
MARONDA HOMES

Job: SUNBURY
Date:
By: G. CARMACK

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

Project Information

For: SUNBURY

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

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

Summer Design Conditions

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

Heating Summary

Structure	39178	Btuh
Ducts	7466	Btuh
Central vent (100 cfm)	***4048***	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	50692	Btuh

Sensible Cooling Equipment Load Sizing

Structure	19600	Btuh
Ducts	9255	Btuh
Central vent (100 cfm)	***1860***	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	29794	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2223	2223
Volume (ft³)	17517	17517
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	93	47

Latent Cooling Equipment Load Sizing

Structure	2842	Btuh
Ducts	2144	Btuh
Central vent (100 cfm)	3516	Btuh
Equipment latent load	8502	Btuh
Equipment total load	38295	Btuh
Req. total capacity at 0.76 SHR	3.3	ton

Heating Equipment Summary

Make TEMPSTAR
Trade HEAT PUMP
Model N4H342AKA

Efficiency	8.1	HSPF
Heating input		
Heating output	0	Btuh @ 47°F
Temperature rise	0	°F
Actual air flow	1240	cfm
Air flow factor	0.027	cfm/Btuh
Static pressure	0.60	in H2O
Space thermostat		

Cooling Equipment Summary

Make TEMPSTAR
Trade HEAT PUMP
Cond N4H342AKA
Coil FSU4X4200A

Efficiency	13	SEER
Sensible cooling	30780	Btuh
Latent cooling	9720	Btuh
Total cooling	40500	Btuh
Actual air flow	***1240***	cfm
Air flow factor	0.043	cfm/Btuh
Static pressure	0.60	in H2O
Load sensible heat ratio	0.78	

Bold/italic values have been manually overridden

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

wrightsoft the right choice

Building Analysis
Entire House
MARONDA HOMES

Job: SUNBURY
Date:
By: G. CARMACK

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

Project Information

For: SUNBURY

Design Conditions

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

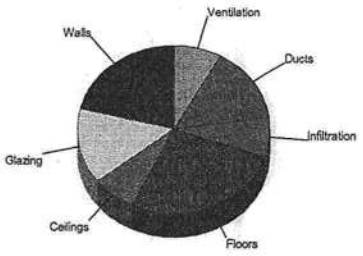
Outdoor:	**Heating**	**Cooling**
Dry bulb (°F)	33	92
Daily range (°F)	-	19 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

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

Infiltration:	
Method	Simplified
Construction quality	Average
Fireplaces	0

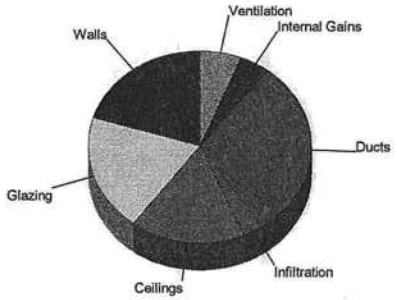
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	4.1	10723	21.2
Glazing	47.0	7283	14.4
Doors	0.0	0	0.0
Ceilings	1.3	3724	7.3
Floors	28.1	13667	27.0
Infiltration	1.4	3782	7.5
Ducts		7466	14.7
Piping		0	0.0
Humidification		0	0.0
Ventilation		4048	8.0
Adjustments		0	
Total		**50692**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	2.4	6218	20.2
Glazing	38.9	6036	19.7
Doors	0.0	0	0.0
Ceilings	1.8	5097	16.6
Floors	0.0	0	0.0
Infiltration	0.3	869	2.8
Ducts		9255	30.1
Ventilation		1860	6.1
Internal gains		1380	4.5
Blower		0	0.0
Adjustments		0	
Total		**30715**	**100.0**



Overall U-value = 0.160 Btuh/ft²-°F

Data entries checked.

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001681

DATE 10/16/2008 PARCEL ID # 10-4S-16-02856-130

APPLICANT PATRICK WILSON PHONE 352 206-5459

ADDRESS 6800 SOUTHPOINT PARKWAY JACKSONVILLE FL 32216

OWNER MARONDA HOMES PHONE 904 296-1490

ADDRESS 304 SW MULBERRY DRIVE LAKE CITY FL 32055

CONTRACTOR THEODORE BROCK PHONE 904 296-1490

LOCATION OF PROPERTY 90W, TL ON 247S, TR ON 252B, TL TIMBER RIDGE, TL MULBERRY DR.,

7TH LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TIMBERLANDS 30

SIGNATURE

INSTALLATION REQUIREMENTS

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

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

Inst:200812019015 Date:10/16/2008 Time:2:23 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1160 P:1552

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 10-4S-16-02856-130

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)*: 301 Timberlands
   a) Street *(job)* Address: 304 SW Mulberry Drive
2. General description of improvements: Construction of a single family dwelling
3. Owner Information
   a) Name and address: Maronda Homes Inc of FL 6800 Southpoint Pkwy #300 Jax FL 32216
   b) Name and address of fee simple titleholder (if other than owner) _____
   c) Interest in property _____
4. Contractor Information
   a) Name and address: Maronda Homes Inc of FL 6800 Southpoint Pkwy #300 Jax FL 32216
   b) Telephone No. (904) 296-1490 Fax No. (Opt.) (904) 332-6375
5. Surety Information
   a) Name and address: _____
   b) Amount of Bond: _____
   c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
   a) Name and address: _____
   b) Phone No. _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: Southern Title Holding Co LLC 3943 Baymeadows Rd Jax FL 32217
   b) Telephone No.: (904) 739-2205 Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name and address: _____
   b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**: _____

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

Theodore C. Brock
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 28 day of August, 20 08, by: Theodore C. Brock as V.P. of Construction (type of authority, e.g. officer, trustee, attorney fact) for Maronda Homes Inc of Florida (name of party on behalf of whom instrument was executed).

Personally Known XX OR Produced Identification _____ Type _____

Notary Signature Melissa L. McKague Notary Stamp or Seal:

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

—AND—

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

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

GEO-TECH, INC.

Engineering Consultants in Geotechnical • Environmental • Construction Materials Testing

#27431

FIELD DENSITY WORKSHEET

CLIENT MACHADA HOMES — DATE 16 oct 08

PROJECT NAME TIMBER LANDS lot # 30 — PROJECT NO. —

EARTH CONTRACTOR LAKE CITY — PERMIT NO. —

TESTED BY JHC

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

TOTAL ON-SITE TIME — MILES FROM OFFICE —

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

TEST LOCATION	LAB PROCTOR DENS.	LAB PROCTOR OMC	TEST DEPTH	PROBE DEPTH	% MOIST.	WET DENSITY (PCF)	DRY DENSITY (PCF)	% COMP.
CTR. of PAD	104.9	10.1	FG	12"	4.6	108.2	103.4	98.6
CTR. of E. FTG.	〃	〃	〃	〃	5.8	108.4	102.5	97.7
CTR. of W. FTG.	〃	〃	〃	〃	5.3	108.3	102.8	98.0

Notice of Inspection and/or Treatment

Date of Inspection: 10-20-08

Date of Treatment: Imax Pro

Pesticide Used: Sub-termites

Wood-Destroying Organism Treated

Pursuant to Chapter 482.226, Florida Statutes, this notice is required to be posted. Any licensee who performs control of any wood-destroying organism shall post notice of said treatment immediately adjacent to the access to the attic or crawl area or other readily accessible area of property treated.

Lot 30 timber land

HomeTeam PEST DEFENSE®

6694 Columbia Park Dr. So., Ste 3
Jacksonville, Florida 32258
(904) 730-2522
(888) 464-2522
Fax (904) 730-3244

REMARKS —

Density failed to meet minimum project requirement
Retest indicates minimum density requirement was obtained.
Client is aware of unsatisfactory test results.

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 10-4S-16-02856-130 **Building permit No.** 000027431

Use Classification SFD,UTILITY **Fire:** 57.78

Permit Holder THEODORE BROCK **Waste:** 150.75

Owner of Building MARONDA HOMES **Total:** 208.53

Location: 304 SW MULBERRY DR., LAKE CITY, FL

Date: 01/13/2009

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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
Design Criteria: TPI Design: Matrix Analysis MiTek software

PLAN JOB #	LOT	ADDRESS	DIV/SUB	MODEL
9TM03001	30-1	304 SW MULBERRY DR	JAX-9TM	SUNV3 LEFT

SUNBURY V

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

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

Truss ID	Run Date	Drawing Reviewed	Truss ID	Run Date	Drawing Reviewed
Layout	12/20/07		V2A	12/27/07	
V	07/27/05		V2B	12/27/07	
HIP	11/02/06		V4	12/27/07	
H1	12/27/07				
H1A	12/27/07				
H2S	12/27/07		Floor Layout	09/26/07	
H3S	12/27/07		FA	12/13/07	
HGRDS	12/27/07		FB	12/13/07	
HGRDB6	12/27/07		FC	12/13/07	
HS1	12/27/07		FD	06/23/08	
HS2	12/27/07		FE	12/13/07	
HS3	12/27/07				
HSGRD	12/27/07				
J1	12/27/07				
J1B6	12/27/07				
J1S	12/27/07				
J2	12/27/07				
J2B6	12/27/07				
J2S	12/27/07				
J3	12/27/07				
J3B6	12/27/07				
J3S	12/27/07				
J4	12/27/07				
J4B6	12/27/07				
JGRD	12/27/07				
JGRDB6	12/27/07				
JS1	12/27/07				
JS2	12/27/07				
JS3	12/27/07				
JS4	12/27/07				
JSGRD	12/27/07				
M4	12/27/07				
RG2	12/27/07				
T1	12/27/07				
T1A	12/27/07				
T1AS	12/27/07				

No. of Eng. Dwgs:	40
Roof Loads-	
TC Live:	16.0 psf
TC Dead:	7.0 psf
BC Live:	10.0 psf
BC Dead:	10.0 psf
Total	43.0 psf
DurFac- Lbr:	1.25
DurFac- Plt:	1.25
O.C. Spacing:	24.0"
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
DurFac- Lbr:	1.00
DurFac- Plt:	1.00
O.C. Spacing:	24.0"

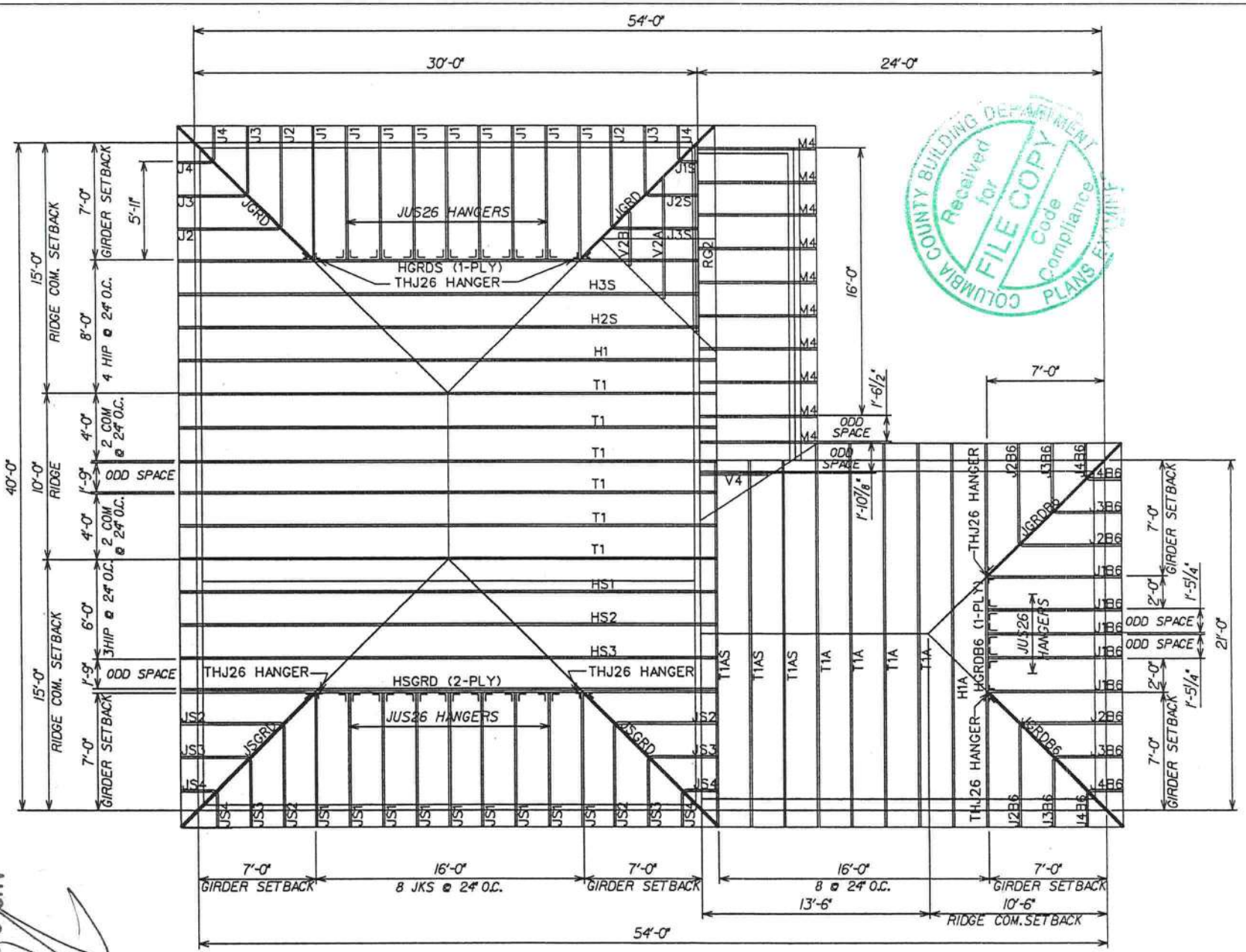
INV #	DESC	QNTY
50060.0114	THD48	
50060.0047	THD28	
50060.0110	JUS26	17
50060.0058	THJ26	6
50060.0049	THD28-2	
SEAT PLATES		37
FLOOR SEAT PLATES		29

COLUMBIA COUNTY BUILDING DEPARTMENT Reviewed for FILE COPY Code Compliance PLANS EXAMINER

DATE: AUG 29 2008

HARDWARE LEGEND

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



AUG 29 2008

HARDWARE MANUFACTURED BY USP

* HARDWARE MANUFACTURED BY SIMPSON

** HARDWARE MANUFACTURED BY CLEVELAND

SUNBURY ELEVATION "V" - FL

GARAGE : LEFT

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

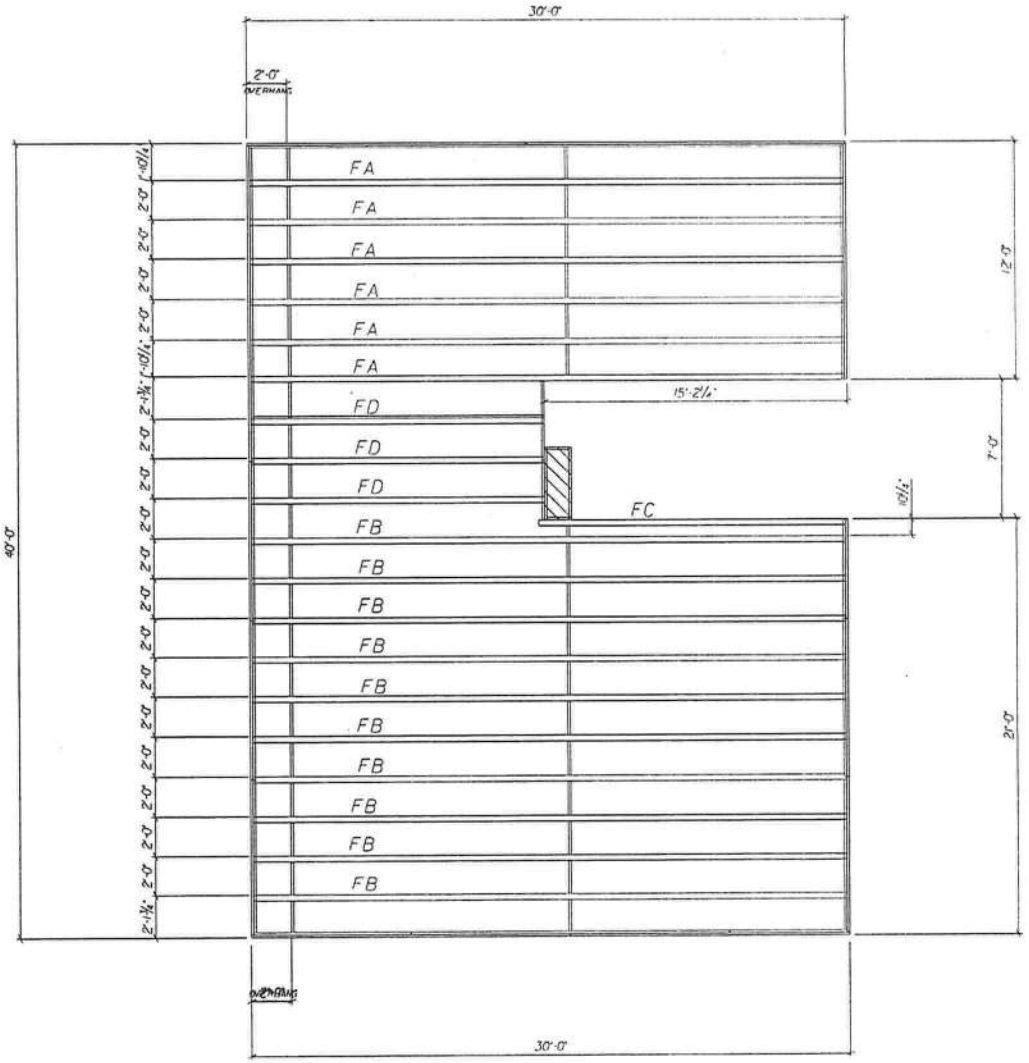
DESIGNER:
CHECKER: MIKE
DRAWN BY: K WARD

SCALE: 1/8" = 1'-0"
DATE: 12/20/2007

LOADING-FBC2004/TPI2002

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

MITEK 2000 LAYOUT SYSTEM
1.800.648.3587 - miteksupport@mii.com



PERMIT

FT2

HARDWARE LEGEND

HARDWARE MANUFACTURED BY USP

1. THD28-2
2. THD48
3. THD48-IF

SUNBURY - FL

ALL ELEVATIONS

GARAGE : LEFT

DESIGNER: J. Pilcock
CHECKER: K. Cooper

SCALE: 1/8" = 1'-0"
DATE: 09/26/07

LOADING-FBC2004/TPI2002

TC LIVE	40.00	SNOW LOAD	N/A
TC DEAD	10.00	LUMBER DOL	1.00
BC LIVE	0.00	PLATE DOL	1.00
BC DEAD	5.00	WIND	N/A
TOTAL	55.00	SPACING	2' 0"

WARNING! BCSI-B1 SUMMARY SHEET - GUIDE FOR HA

GENERAL NOTES

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

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

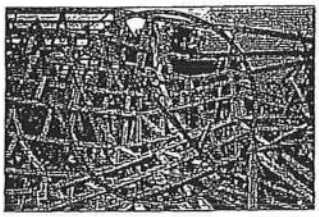
NOTAS GENERALES

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

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

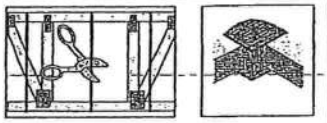
⚠ The consequences of improper handling, erecting, installing, restraining and bracing can result in a collapse of the structure, or worse, serious personal injury or death.

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



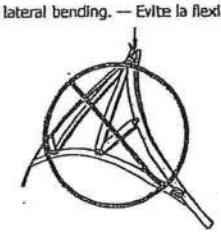
⚠ Banding and truss plates have sharp edges. Wear gloves when handling and safety glasses when cutting banding.

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



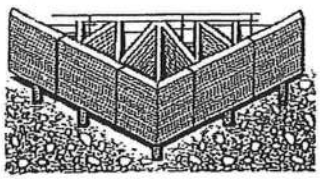
HANDLING — MANEJO

⚠ Avoid lateral bending. — Evite la flexión lateral.



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

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



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

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

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

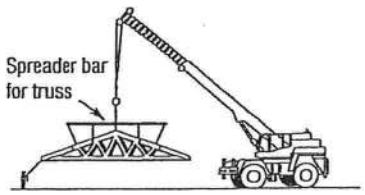
Si los trusses estarán guardados horizontalmente, ponga bloqueando de altura suficiente detrás de la pila de los trusses.

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

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

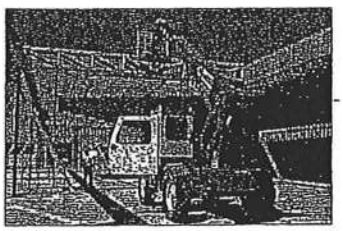
⚠ Use special care in windy weather or near power lines and airports.

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



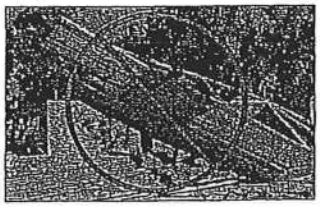
☑ Use proper rigging and hoisting equipment.

Use equipo apropiado para levantar e improvisar.



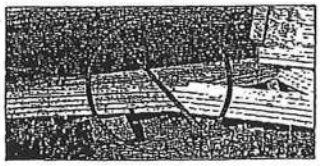
⃠ Do not store unbraced bundles upright.

No almacene verticalmente los trusses sueltos.



⃠ Do not store on uneven ground.

No almacene en tierra desigual.

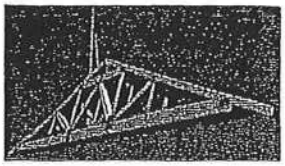


HOISTING RECOMMENDATIONS FOR TRUSS BUNDLES
RECOMENDACIONES PARA LEVANTAR PAQUETES DE TRUSSES.

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

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

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



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

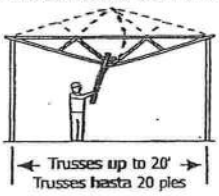
Puede usar un solo lugar de levantar para paquetes de trusses hasta 45 pies.
Puede usar dos puntos de levantar para paquetes más de 60 pies.
Use por lo menos tres puntos de levantar para paquetes más de 60 pies.

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

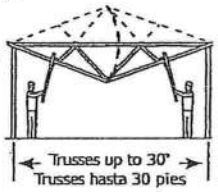
☑ Place truss bundles in stable position.
Puse paquetes de trusses en una posición estable.

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

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



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



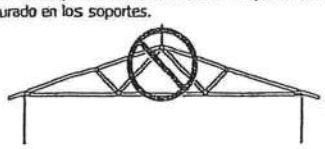
HOISTING OF SINGLE TRUSSES — LEVANTAMIENTO DE TRUSSES INDIVIDUALI

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

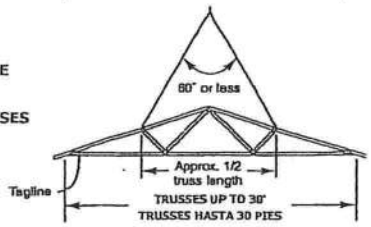
Sostenga cada truss en posición con equipo de grúa hasta que la restricción lateral temporal de la cuerda superior esté instalado y el truss está asegurado en los soportes.

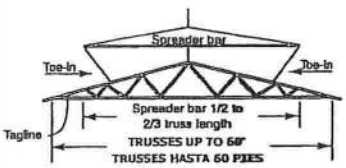
⚠ Warning! Using a single pick-point at the peak can damage the truss.

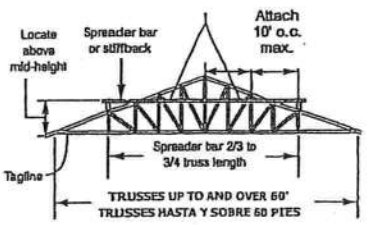
¡Advertencia! El uso de un solo lugar para levantar en el pico puede hacer daño al truss.



HOISTING RECOMMENDATIONS FOR SINGLE TRUSSES
RECOMENDACIONES PARA LEVANTAR TRUSSES INDIVIDUALES



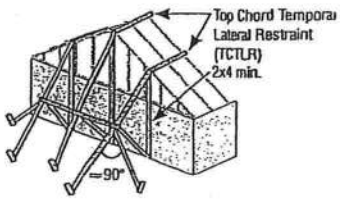




TEMPORARY RESTRAINT & BRACING
RESTRICCIÓN Y ARRIOSTRE TEMPORAL

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

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

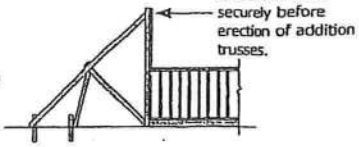


☑ Locate ground braces for first truss directly in line with all rows of top chord temporary lateral restraint (see table in the next column).

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

⃠ Do not walk on unbraced trusses.

No camine en trusses sueltos.



ING, INSTALLING, RESTRAINING AND BRACING OF TRUSSES (2006 EDITION)

TEPS TO SETTING TRUSSES
AS MEDIDAS DE LA INSTALLACIÓN 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 ate seguramente al arriostre de tierra. 3) Instale los próximos cuatro trusses con restricción lateral temporal de miembro corto (vea abajo). 4) Instale el arriostre diagonal de la cuerda superior (vea abajo). 5) Instale arriostre diagonal para los planos de los miembros secundarios para estable los primeros cinco trusses (vea abajo). 6) Instale la restricción lateral temporal y arriostre diagonal para la cuerda inferior (vea abajo). 7) Repita éste procedimiento en grupos de cuatro trusses hasta que todos los trusses estén instalados.

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

Vea el resúmen BCSI-B2 - Instalación de Trusses y Arriostre Temporal para mayor información.

ESTRAINT/BRACING FOR ALL PLANES OF TRUSSES
- RESTRICCIÓN/ARRIOSTRE EN 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 todo trusses excepto trusses de cuerdas paralelas 3x2 y 4x2.

) TOP CHORD — CUERDA SUPERIOR

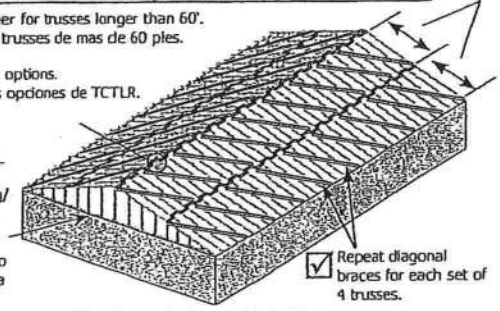
Truss Span Longitud de Tramo	Top Chord Temporary Lateral Restraint (TCTLR) Spacing Espaciamiento del Arriostre Temporal de la Cuerda Superior
Up to 30' Hasta 30 pies	10' o.c. max. 10 pies máximo
30' to 45' 30 a 45 pies	8' o.c. max. 8 pies máximo
45' to 60' 45 a 60 pies	6' o.c. max. 6 pies máximo
60'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

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

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

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

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



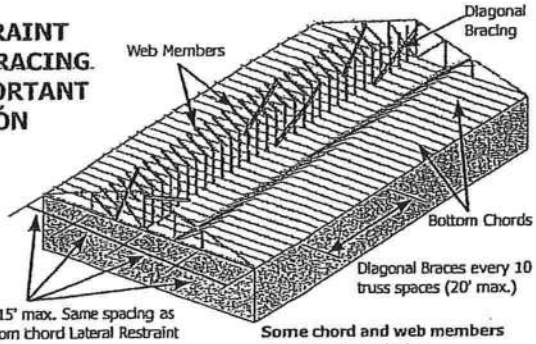
Repeat diagonal braces for each set of 4 trusses.

Repita los arrisotres diagonales para cada grupo de 4 trusses.

Ground bracing not shown for clarity.

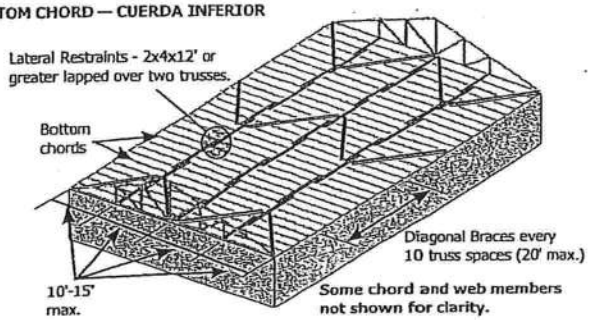
) WEB MEMBER PLANE — PLANO DE LOS MIEMBROS SECUNDARIOS

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



Some chord and web members not shown for clarity.

3) BOTTOM CHORD — CUERDA INFERIOR

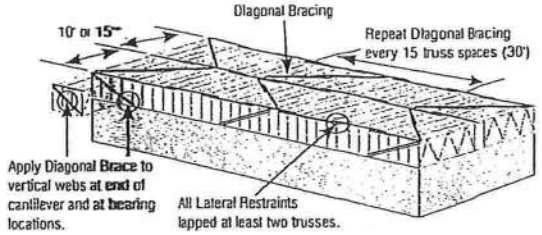


Some chord and web members not shown for clarity.

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

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

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

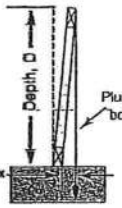


*Top chord Temporary Lateral Restraint spacing shall be 10' o.c. max. for 3x2 chords and 15' o.c. for 4x2 chords.

INSTALLING — INSTALACION

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

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



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

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

CONSTRUCTION LOADING — CARGA DE CONSTRUCCION

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

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

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

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

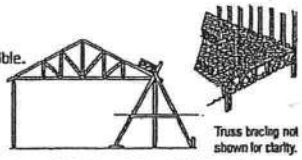
Material	Height
Gypsum Board	12"
Plywood or OSB	16"
Asphalt Shingles	2 bundles
Concrete Block	8"
Clay Tile	3-4 tiles high

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

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

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

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



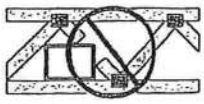
ALTERATIONS — ALTERACIONES

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

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

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

No corte, altere o perfore ningún miembro estructural de los trusses, a menos que esté 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 una autorización previa del Fabricante de Trusses, pueden reducir o eliminar la garantía del Fabricante de Trusses.

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.

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

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

B1WARN11x17 20061115

This document summarizes the information provided in Section B1 of the 2006 Edition of Building Component Safety Information BCSI: Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses.

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

Maronda Systems

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

Date: November 1, 2006

To: Building Department

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

Subject: Valley Trusses

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

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

Sincerely,

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

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

DESIGN INFORMATION

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

FABRICATION NOTES

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

PRECAUTIONARY NOTES

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

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

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

VALLEY MEMBERS TO BE SET PERPENDICULAR TO TRUSSES BELOW.

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

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

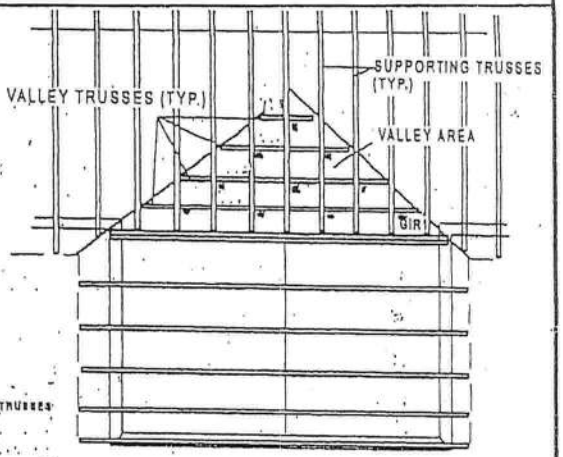
2X4 TRANSVERSE BRACING NAILED FLAT TO EDGE OF WEB WITH 12d NAILS AT 8" O.C. OR A SCAB OF THE SAME DIMENSION AND GRADE AS WEB; NAILED TO FACE (S) OF WEB WITH 10d NAILS STAGGERED 8" O.C. SCAB OR TRANSVERSE BRACKING TO EXTEND FOR 90% OF WEB LENGTH. 2X8 BRACE REQUIRED ON ANY WEB EXCEEDING 14'.

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

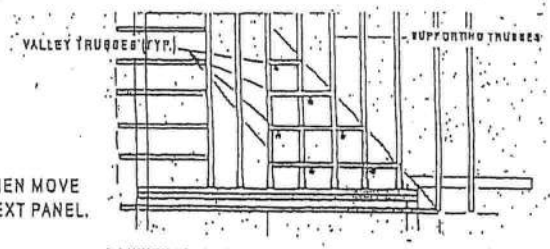
(1) ONE BRACE REQUIRED ON WEBS > = 94.0" LONG "
(2) TWO BRACES REQ'D ON WEBS > =126.0" LONG. "

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

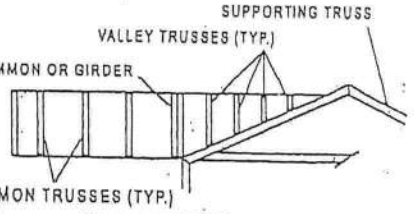
COMMON VALLEY



MONO VALLEY

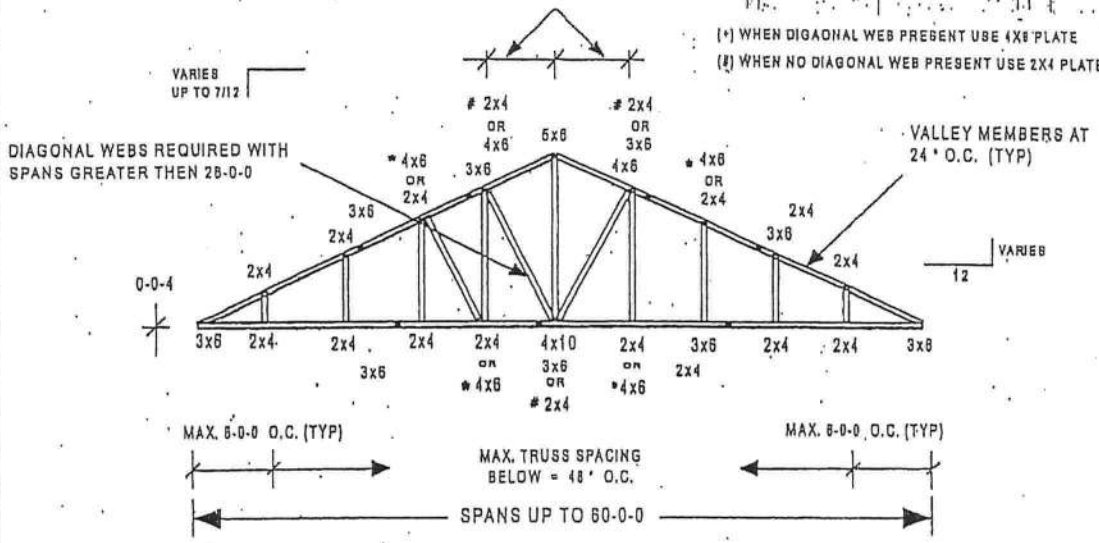


(*) WHEN DIAGONAL WEB PRESENT USE 4X8 PLATE
(#) WHEN NO DIAGONAL WEB PRESENT USE 2X4 PLATE



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

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



DEC 17 2005

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

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

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

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

Design: Matrix Analysis

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

Job:	Customer:	WO:HIPDETAIL	TI:HIP	Qty:1

DESIGN INFORMATION

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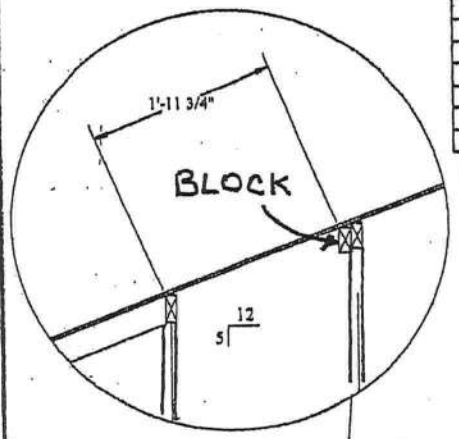
HIP TRUSS BLOCKING REQUIREMENTS

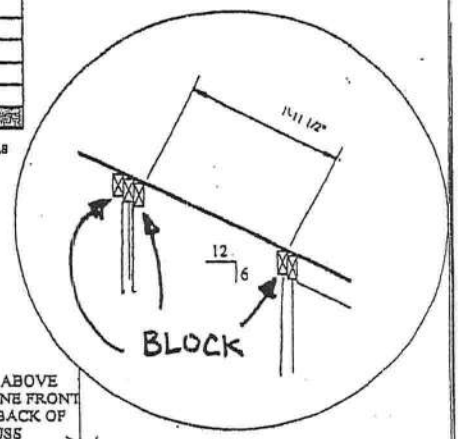
APA-FORM NO. TT-083

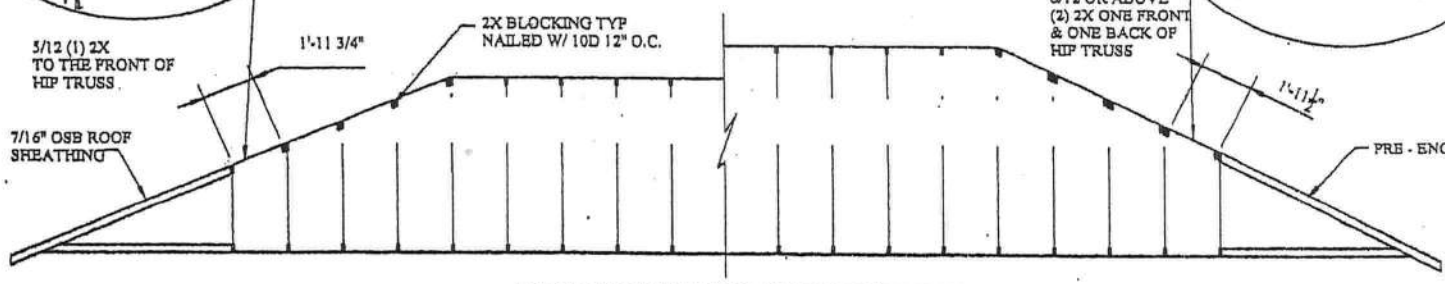
SPAN RATING AND BLOCKING RECOMMENDATIONS FOR USE OVER HIP-ROOFS SUPPORT AT 24" O.C

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

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







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

NOV 0 2 2006

Maronda Systems

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

WARNING:

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

Eng Job:		WO: HIPDETAIL
Dwg:		TI: HIP
Dsgnr:TLY Chk:		11/2/2006
TC Live	16.0 psf	Lbr DF: 1.25
TC Dead	7.0 psf	Plt DF: 1.25
BC Live	10.0 psf	O.C.: 2- 0- 0
BC Dead	10.0 psf	TPI-02/FBC-04
TOTAL	43.0 psf	Code: FLA
		v4.7.32-0

Design: Matrix Analysis Profile Path: C:\TEE-LOK\Work\Jobs\Job-1\COMN-1.prx

ENGINEERING BY
TRENCO
A MiTek Affiliate

Trenco
818 Soundside Rd
Edenton, NC 27932

Re: SUNBURY
SUNBURY_FLORIDA_125

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Maronda Homes-Pittsburgh, PA.

Pages or sheets covered by this seal: E4585782 thru E4585895

My license renewal date for the state of Florida is February 28, 2009.

December 27,2007

Strzyzewski, Marvin

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-2002 Chapter 2.
Engineering services provided by Truss Engineering Company.

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585783
SUNBURY	H1	HIP	1	1	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:02:39 2007 Page 1

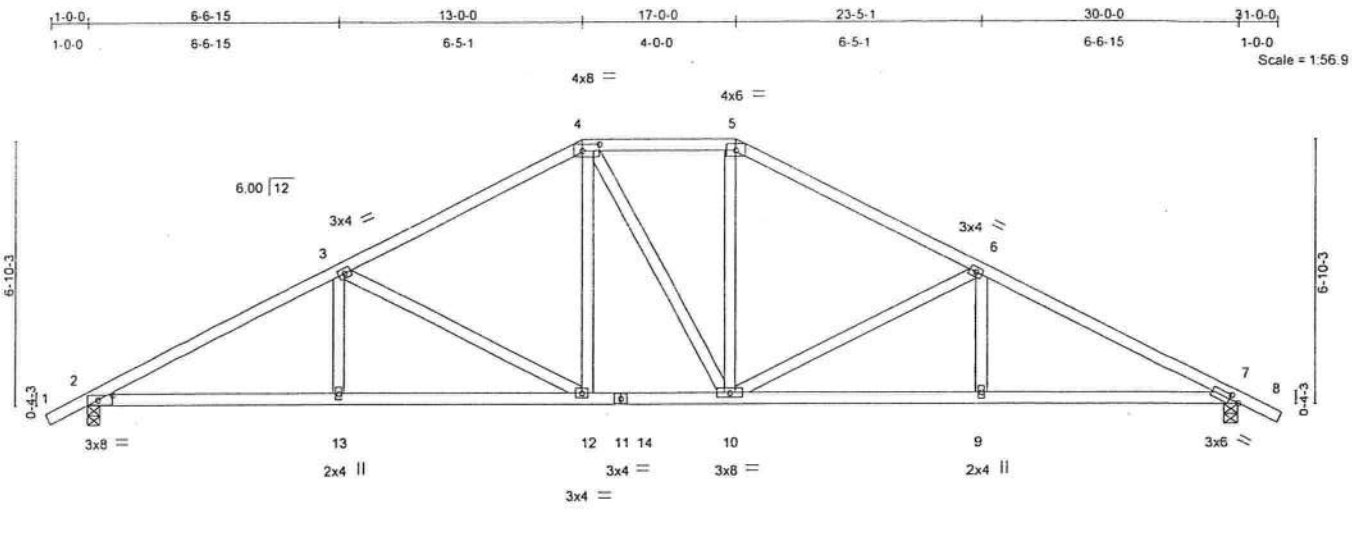

Plate Offsets (X,Y): [2:0-4-12,0-1-8], [4:0-5-4,0-2-0], [7:0-2-10,0-1-8]

LOADING (psf)		SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 16.0		Plates Increase 1.25	TC 0.30	Vert(LL) -0.14 12-13 >999 240	MT20 244/190
TCDL 7.0		Lumber Increase 1.25	BC 0.57	Vert(TL) -0.28 12-13 >999 180	
BCLL 10.0	*	Rep Stress Incr YES	WB 0.53	Horz(TL) 0.10 7 n/a n/a	
BCDL 10.0		Code FBC2004/TPI2002	(Matrix)		Weight: 157 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 3-9-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-10-10 oc bracing.

REACTIONS (lb/size) 2=1364/0-4-0, 7=1360/0-4-0
Max Horz 2=123(LC 6)
Max Uplift2=-300(LC 6), 7=-300(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-2387/712, 3-4=-1747/608, 4-5=-1502/605, 5-6=-1738/608, 6-7=-2377/712, 7-8=0/21
BOT CHORD 2-13=-494/2080, 12-13=-494/2080, 11-12=-247/1510, 11-14=-247/1510, 10-14=-247/1510, 9-10=-494/2071, 7-9=-494/2071
WEBS 3-13=0/295, 3-12=-654/279, 4-12=-67/538, 4-10=-140/107, 5-10=-67/517, 6-10=-653/279, 6-9=0/295

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 300 lb uplift at joint 2 and 300 lb uplift at joint 7.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125 E4585784
SUNBURY	H1A	HIP	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:02:40 2007 Page 1

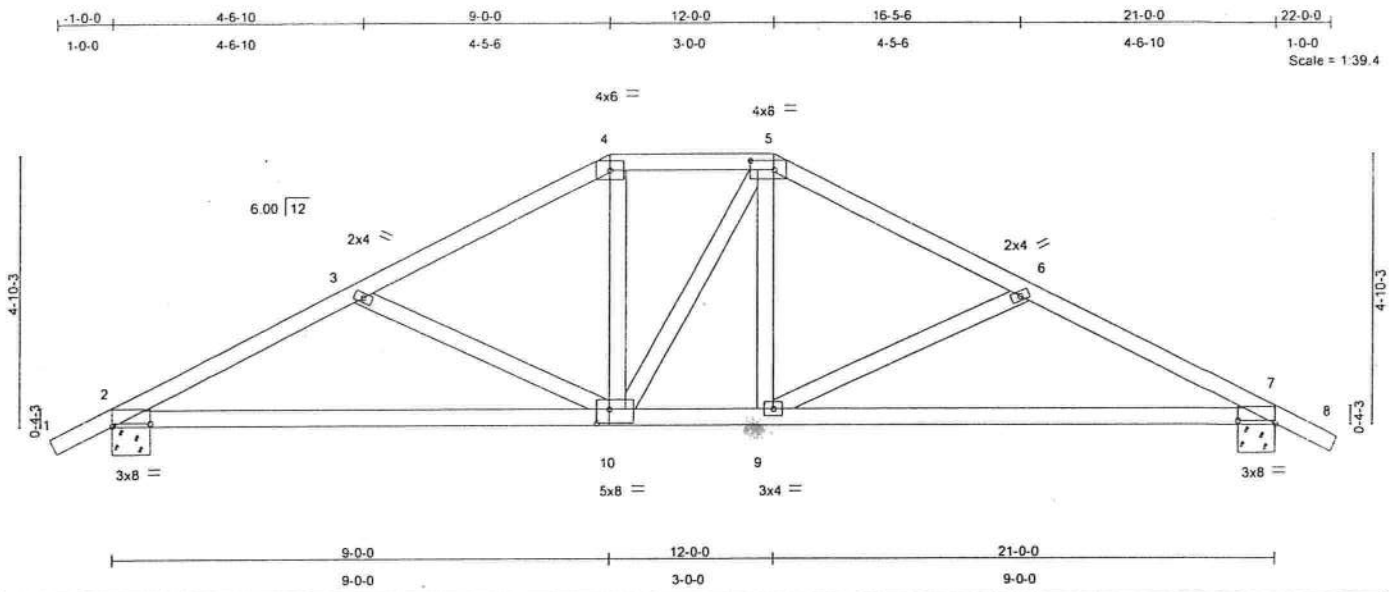

Plate Offsets (X,Y): [2:0-8-0,0-0-10], [5:0-5-4,0-2-0], [7:0-8-0,0-0-10], [10:0-2-12,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.15	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.37	7-9	>665	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.10	Horz(TL)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 104 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 4-10-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=939/0-8-0, 7=939/0-8-0
Max Horz 2=93(LC 6)
Max Uplift2=-237(LC 6), 7=-237(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-1394/484, 3-4=-1172/383, 4-5=-1000/389, 5-6=-1163/381, 6-7=-1392/485, 7-8=0/21
BOT CHORD 2-10=-304/1215, 9-10=-124/1002, 7-9=-304/1214
WEBS 3-10=-243/198, 4-10=-17/345, 5-10=-91/82, 5-9=-11/343, 6-9=-250/199

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 237 lb uplift at joint 2 and 237 lb uplift at joint 7.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585790
SUNBURY	H2S	HIP	1	1	Job Reference (optional)	

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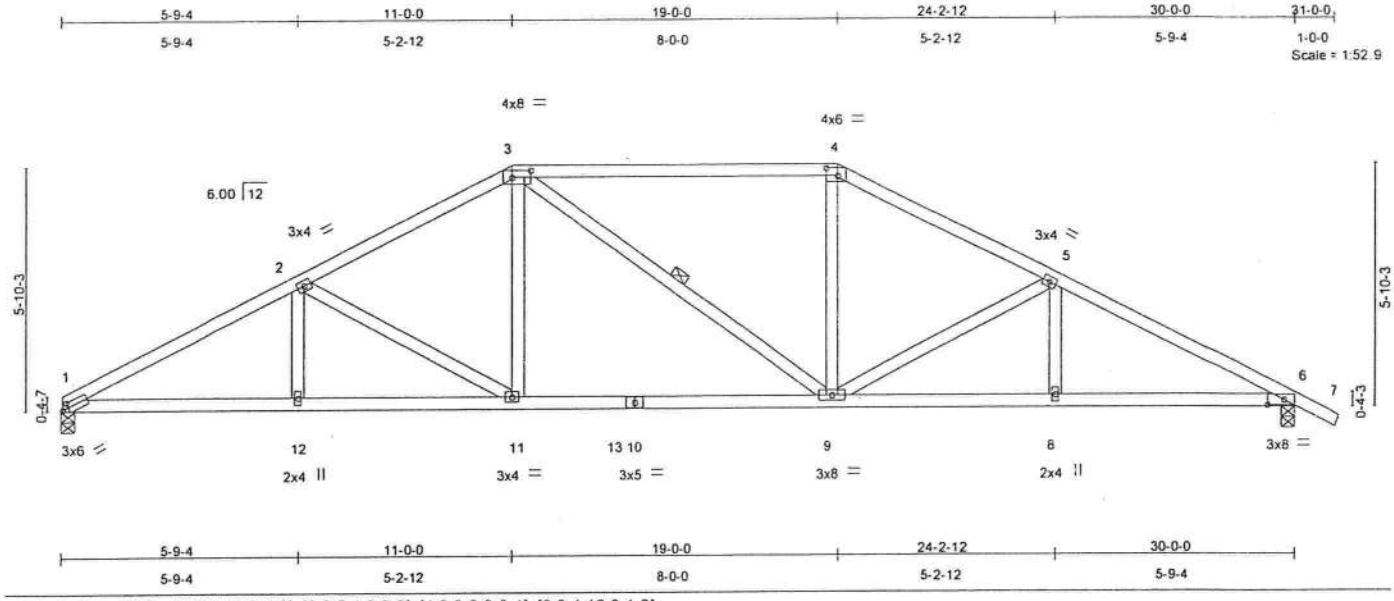

Plate Offsets (X,Y): [1:0-1-13,0-1-8], [3:0-5-4,0-2-0], [4:0-3-8,0-2-4], [6:0-4-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.21	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.41	9-11	>861	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.25	Horz(TL)	0.10	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 149 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-4-1 oc bracing.
WEBS 1 Row at midpt 3-9

REACTIONS (lb/size) 1=1329/0-4-0, 6=1371/0-4-0
Max Horz 1=-117(LC 7)
Max Uplift1=-212(LC 6), 6=-285(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2446/759, 2-3=-1998/679, 3-4=-1724/664, 4-5=-1958/675, 5-6=-2423/737, 6-7=0/21
BOT CHORD 1-12=-543/2128, 11-12=-543/2128, 11-13=-355/1761, 10-13=-355/1761, 9-10=-355/1761, 8-9=-521/2099, 6-8=-521/2099
WEBS 2-12=0/212, 2-11=-437/214, 3-11=-17/578, 3-9=-161/77, 4-9=-11/532, 5-9=-445/193, 5-8=0/213

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 1 and 285 lb uplift at joint 6.

LOAD CASE(S) Standard

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December 27,2007

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585793
SUNBURY	H3S	HIP	1	1	Job Reference (optional)	

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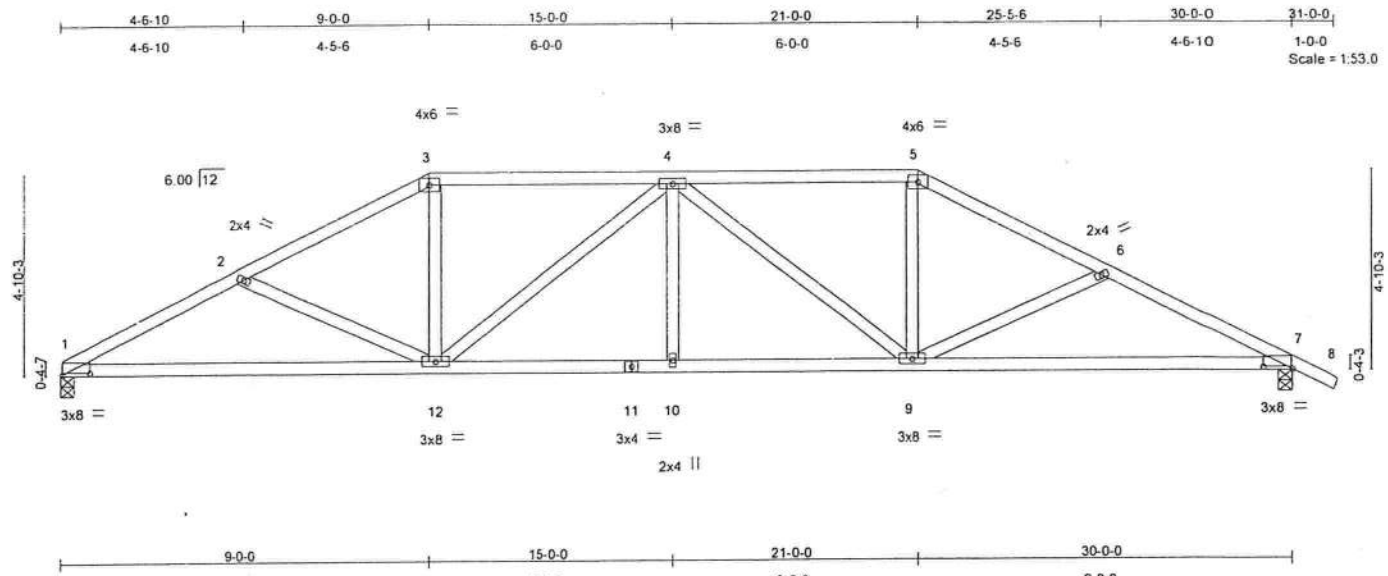

Plate Offsets (X,Y): [1:0-8-0,0-0-8], [7:0-8-4,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.20	1-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.81	Vert(TL)	-0.45	1-12	>789	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.10	7	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 149 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-8-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-15 oc bracing.

REACTIONS (lb/size) 1=1273/0-4-0, 7=1332/0-4-0
Max Horz 1=-102(LC 7)
Max Uplift 1=-194(LC 6), 7=-267(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2272/828, 2-3=-2057/720, 3-4=-1818/698, 4-5=-1820/690, 5-6=-2058/711, 6-7=-2276/809, 7-8=0/21
BOT CHORD 1-12=-617/1996, 11-12=-564/2107, 10-11=-564/2107, 9-10=-564/2107, 7-9=-594/2001
WEBS 2-12=-225/206, 3-12=-94/658, 4-12=-445/176, 4-10=0/168, 4-9=-441/178, 5-9=-86/657, 6-9=-228/192

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 194 lb uplift at joint 1 and 267 lb uplift at joint 7.

LOAD CASE(S) Standard

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FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585804
SUNBURY	HGRDS	HIP	1	1	Job Reference (optional)	

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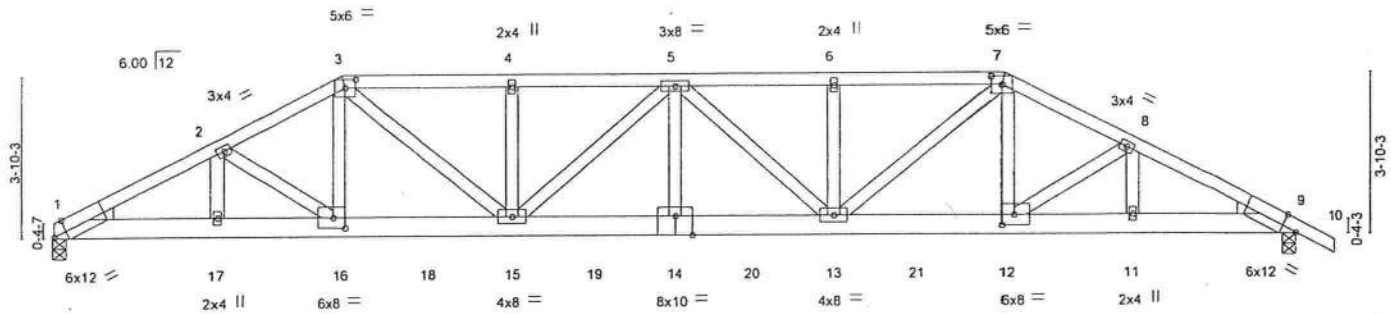
3-11-4	7-0-0	11-0-14	15-0-8	18-11-2	23-0-0	26-0-12	30-0-0	31-0-0
3-11-4	3-0-12	4-0-14	3-11-10	3-10-10	4-0-14	3-0-12	3-11-4	1-0-0

Scale = 1:52.5



3-11-4	7-0-0	11-0-14	15-0-8	18-11-2	23-0-0	26-0-12	30-0-0
3-11-4	3-0-12	4-0-14	3-11-10	3-10-10	4-0-14	3-0-12	3-11-4

Plate Offsets (X,Y): [1:0-3-13,Edge], [3:0-3-0,0-2-7], [7:0-3-0,0-2-7], [9:0-4-6,Edge], [12:0-3-8,0-3-0], [14:0-5-0,Edge], [16:0-3-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.58	Vert(LL)	0.40	14	>891	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-0.71	14	>502	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.38	Horz(TL)	0.16	9	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 187 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-1-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-8-1 oc bracing.

REACTIONS (lb/size) 1=2911/0-4-0, 9=2962/0-4-0
Max Horz 1=-88(LC 6)
Max Uplift 1=-1220(LC 4), 9=-1245(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-5851/2534, 2-3=-5830/2665, 3-4=-6577/3043, 4-5=-6577/3043, 5-6=-6585/3048, 6-7=-6585/3048, 7-8=-5849/2674, 8-9=-5874/2546, 9-10=0/23
BOT CHORD 1-17=-2252/5158, 16-17=-2252/5158, 16-18=-2325/5167, 15-18=-2325/5167, 15-19=-3196/7077, 14-19=-3196/7077, 14-20=-3196/7077, 13-20=-3196/7077, 13-21=-2284/5183, 12-21=-2284/5183, 11-12=-2218/5189, 9-11=-2218/5189
WEBS 2-17=-81/143, 2-16=-187/173, 3-16=-544/1179, 3-15=-913/1905, 4-15=-165/126, 5-15=-700/342, 5-14=-283/678, 5-13=-696/341, 6-13=-162/124, 7-13=-909/1893, 7-12=-545/1194, 8-12=-187/149, 8-11=-90/153

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1220 lb uplift at joint 1 and 1245 lb uplift at joint 9.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 784 lb down and 461 lb up at 7-0-0, 243 lb down and 155 lb up at 9-0-12, 243 lb down and 155 lb up at 11-0-12, 243 lb down and 155 lb up at 13-0-12, 243 lb down and 155 lb up at 15-0-0, 243 lb down and 155 lb up at 16-11-4, 243 lb down and 155 lb up at 18-11-4, and 243 lb down and 155 lb up at 20-11-4, and 784 lb down and 461 lb up at 22-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2

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December 27,2007

ENGINEERING BY TRENCO
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818 Soundside Road
Edenton, NC 27932

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-46, 3-7=-46, 7-10=-46, 1-9=-40

Concentrated Loads (lb)

Vert: 16=-784(F) 15=-243(F) 14=-243(F) 13=-243(F) 12=-784(F) 18=-243(F) 19=-243(F) 20=-243(F) 21=-243(F)

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585802
SUNBURY	HGRDB6	HIP	1	1	Job Reference (optional)	

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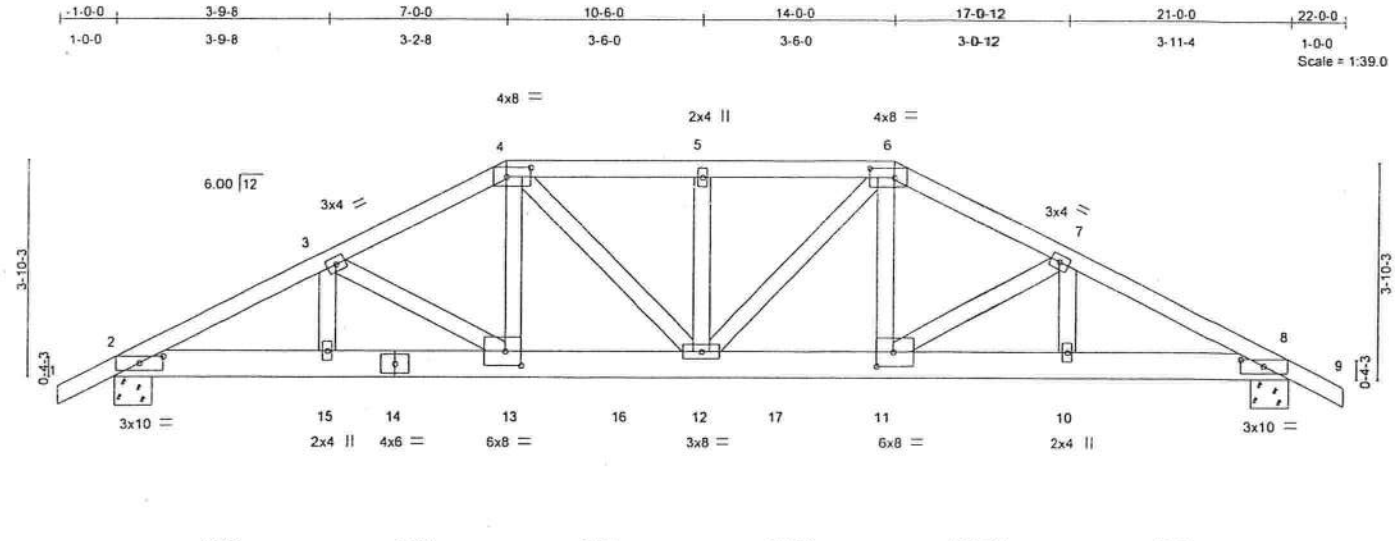

Plate Offsets (X,Y): [2:0-5-0,0-1-7], [4:0-5-4,0-2-0], [6:0-5-4,0-2-0], [8:0-5-0,0-1-7], [11:0-3-8,0-3-0], [13:0-3-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.13	12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.24	12	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.07	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 128 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-6-8 oc bracing.

REACTIONS (lb/size) 2=2027/0-8-0, 8=2027/0-8-0
Max Horz2=79(LC 5)
Max Uplift2=-876(LC 5), 8=-876(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/23, 2-3=-3764/1545, 3-4=-3652/1636, 4-5=-3680/1681, 5-6=-3680/1681, 6-7=-3649/1637, 7-8=-3770/1552, 8-9=0/23
BOT CHORD 2-15=-1365/3281, 14-15=-1365/3281, 13-14=-1365/3281, 13-16=-1437/3291, 12-16=-1437/3291, 12-17=-1388/3290, 11-17=-1388/3290, 10-11=-1321/3287, 8-10=-1321/3287
WEBS 3-15=0/107, 3-13=-149/64, 4-13=-473/1055, 4-12=-320/602, 5-12=-127/103, 6-12=-319/603, 6-11=-477/1058, 7-11=-145/55, 7-10=0/104

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 876 lb uplift at joint 2 and 876 lb uplift at joint 8.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 741 lb down and 433 lb up at 7-0-0, 233 lb down and 150 lb up at 9-0-12, 233 lb down and 150 lb up at 10-6-0, and 233 lb down and 150 lb up at 11-11-4, and 741 lb down and 433 lb up at 13-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 4-6=-46, 6-9=-46, 2-8=-40

Continued on page 2

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December 27,2007

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Edenton, NC 27932

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 13=-741(B) 12=-233(B) 11=-741(B) 16=-233(B) 17=-233(B)

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585805
SUNBURY	HS1	SPECIAL	1	1	Job Reference (optional)	

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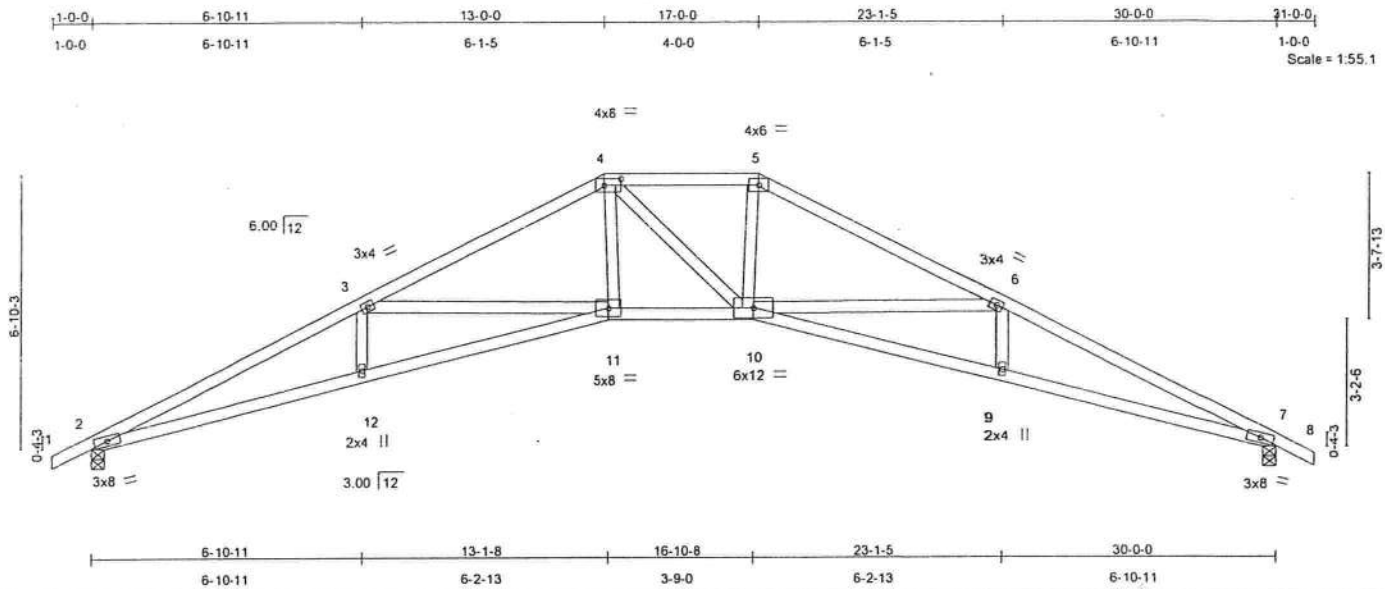

Plate Offsets (X,Y): [4:0-5-4,0-2-0]

LOADING (psf)			SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0		Plates Increase	1.25	TC	0.62	Vert(LL)	-0.42	11-12	>846	240	MT20	244/190
TCDL	7.0		Lumber Increase	1.25	BC	0.91	Vert(TL)	-0.85	11-12	>420	180		
BCLL	10.0	*	Rep Stress Incr	YES	WB	0.63	Horz(TL)	0.59	7	n/a	n/a		
BCDL	10.0		Code FBC2004/TPI2002		(Matrix)							Weight: 138 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 2-6-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 2=1329/0-4-0, 7=1329/0-4-0
Max Horz 2=-121(LC 7)
Max Uplift 2=-296(LC 6), 7=-296(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-4252/1190, 3-4=-3118/864, 4-5=-2821/846, 5-6=-3172/875, 6-7=-4249/1191, 7-8=0/18
BOT CHORD 2-12=-955/3873, 11-12=-954/3859, 10-11=-493/2824, 9-10=-956/3862, 7-9=-955/3871
WEBS 3-12=0/309, 3-11=-1005/441, 4-10=-165/156, 6-10=-959/432, 6-9=0/285, 4-11=-188/1150, 5-10=-194/1165

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 7 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 296 lb uplift at joint 2 and 296 lb uplift at joint 7.

LOAD CASE(S) Standard

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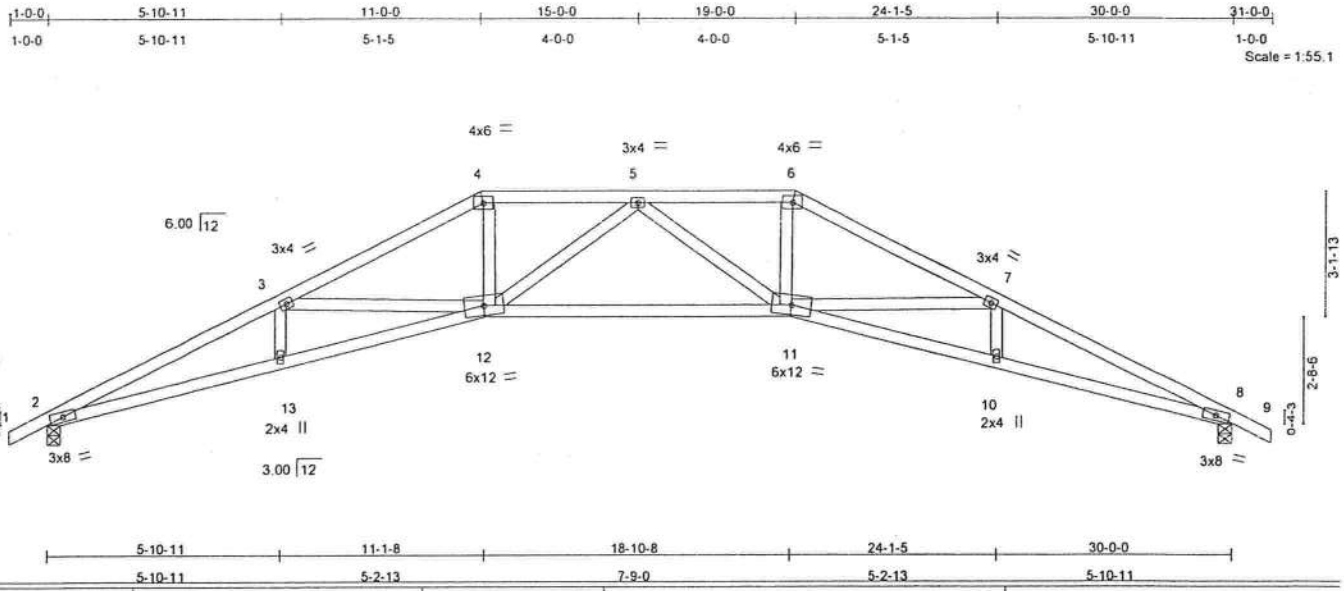
FL COA #7239

December 27,2007

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125 E4585806
SUNBURY	HS2	SPECIAL	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:02:56 2007 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	0.46	Vert(LL)	-0.47	11-12	>755	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.95	Vert(TL)	-0.97	11-12	>368	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.27	Horz(TL)	0.59	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 138 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 2-8-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing, Except:
7-3-3 oc bracing: 11-12.

REACTIONS (lb/size) 2=1329/0-4-0, 8=1329/0-4-0
Max Horz 2=-105(LC 7)
Max Uplift 2=-281(LC 6), 8=-281(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-4269/1246, 3-4=-3541/1012, 4-5=-3156/962, 5-6=-3156/962, 6-7=-3541/1012, 7-8=-4269/1246, 8-9=0/18
BOT CHORD 2-13=-1015/3872, 12-13=-1013/3881, 11-12=-753/3255, 10-11=-1013/3881, 8-10=-1015/3872
WEBS 3-13=0/195, 3-12=-633/327, 5-12=-252/187, 5-11=-252/186, 7-11=-633/327, 7-10=0/195, 6-11=-254/1328, 4-12=-254/1328

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 8 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 281 lb uplift at joint 2 and 281 lb uplift at joint 8.

LOAD CASE(S) Standard

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December 27,2007

ENGINEERING BY TRENCO
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Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585807
SUNBURY	HS3	SPECIAL	1	1	Job Reference (optional)	

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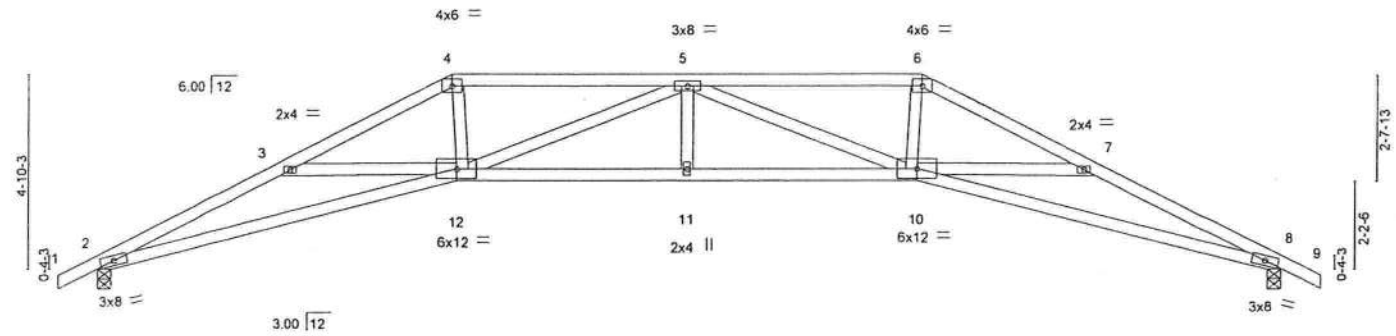
1-0-0 | 4-10-11 | 9-0-0 | 15-0-0 | 21-0-0 | 25-1-5 | 30-0-0 | 31-0-0

1-0-0 | 4-10-11 | 4-1-5 | 6-0-0 | 6-0-0 | 4-1-5 | 4-10-11 | 1-0-0

Scale = 1:55.1



9-1-8 | 15-0-0 | 20-10-8 | 30-0-0

9-1-8 | 5-10-8 | 5-10-8 | 9-1-8

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.44	11	>802	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.93	Vert(TL)	-0.88	11	>406	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.41	Horz(TL)	0.58	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 137 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 10-12 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 2=1329/0-4-0, 8=1329/0-4-0
Max Horz 2=-90(LC 7)
Max Uplift2=-263(LC 6), 8=-263(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-4104/1344, 3-4=-3868/1137, 4-5=-3511/1084, 5-6=-3511/1084, 6-7=-3868/1137, 7-8=-4104/1344, 8-9=0/18
BOT CHORD 2-12=-1111/3750, 11-12=-1086/4058, 10-11=-1086/4058, 8-10=-1111/3750
WEBS 3-12=-177/287, 5-12=-716/290, 5-11=0/170, 5-10=-716/289, 7-10=-177/297, 4-12=-276/1461, 6-10=-276/1461

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2, 8 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 263 lb uplift at joint 2 and 263 lb uplift at joint 8.

LOAD CASE(S) Standard

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December 27,2007

ENGINEERING BY TRENCO
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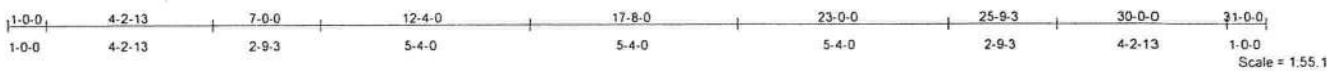
Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585811
SUNBURY	H5GRD	SPECIAL	1	2	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:00 2007 Page 1



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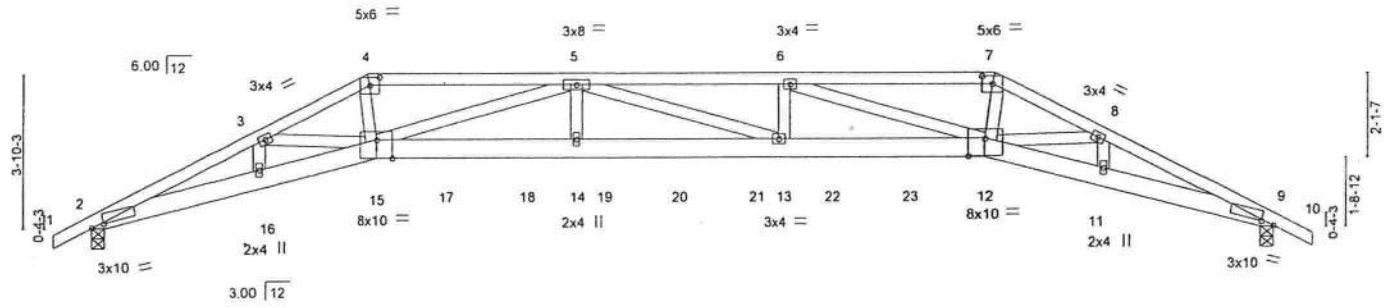

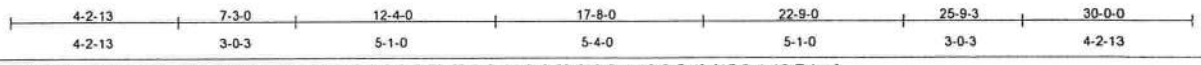

Plate Offsets (X,Y): [2:0-3-14,0-0-6], [4:0-3-0,0-2-7], [7:0-3-0,0-2-7], [9:0-3-14,0-0-6], [12:0-4-12,0-5-4], [15:0-4-12,Edge]

LOADING (psf)		SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0		Plates Increase 1.25	TC 0.80	Vert(LL)	0.74 13-14	>481	240	MT20	244/190
TCDL 7.0		Lumber Increase 1.25	BC 0.94	Vert(TL)	-1.31 13-14	>272	180		
BCLL 10.0	*	Rep Stress Incr NO	WB 0.44	Horz(TL)	0.65 9	n/a	n/a		
BCDL 10.0		Code FBC2004/TPI2002	(Matrix)					Weight: 327 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-1-14 oc bracing.

REACTIONS (lb/size) 2=2963/0-4-0, 9=2963/0-4-0
Max Horz 2=78(LC 5)
Max Uplift 2=-1259(LC 5), 9=-1259(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/22, 2-3=-10338/4556, 3-4=-11145/5131, 4-5=-10559/4887, 5-6=-13646/6285, 6-7=-10595/4855, 7-8=-11184/5097, 8-9=-10327/4507, 9-10=0/22
BOT CHORD 2-16=-4140/9363, 15-16=-4197/9483, 15-17=-6336/13789, 17-18=-6336/13789, 14-18=-6336/13789, 14-19=-6336/13789, 19-20=-6336/13789, 20-21=-6336/13789, 13-21=-6336/13789, 13-22=-6218/13646, 22-23=-6218/13646, 12-23=-6218/13646, 11-12=-4102/9478, 9-11=-4043/9353
WEBS 3-16=-387/280, 3-15=-633/1001, 5-15=-3492/1705, 5-14=-378/904, 5-13=-225/124, 6-13=-357/848, 6-12=-3305/1615, 8-12=-663/1047, 8-11=-410/290, 4-15=-2160/4753, 7-12=-2138/4755

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
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.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 2, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1259 lb uplift at joint 2 and 1259 lb uplift at joint 9.

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December 27,2007

Continued on page 2

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NOTES

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 784 lb down and 467 lb up at 7-3-0, 243 lb down and 157 lb up at 9-0-12 , 243 lb down and 157 lb up at 11-0-12, 243 lb down and 157 lb up at 13-0-12, 243 lb down and 157 lb up at 15-0-0, 243 lb down and 157 lb up at 16-11-4, 243 lb down and 157 lb up at 18-11-4, and 243 lb down and 157 lb up at 20-11-4, and 784 lb down and 467 lb up at 22-9-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-46, 4-7=-46, 7-10=-46, 2-15=-40, 12-15=-40, 9-12=-40

Concentrated Loads (lb)

Vert: 15=-784(B) 12=-784(B) 17=-243(B) 18=-243(B) 19=-243(B) 20=-243(B) 21=-243(B) 22=-243(B) 23=-243(B)

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585813
SUNBURY	J1	JACK	14	1	Job Reference (optional)	

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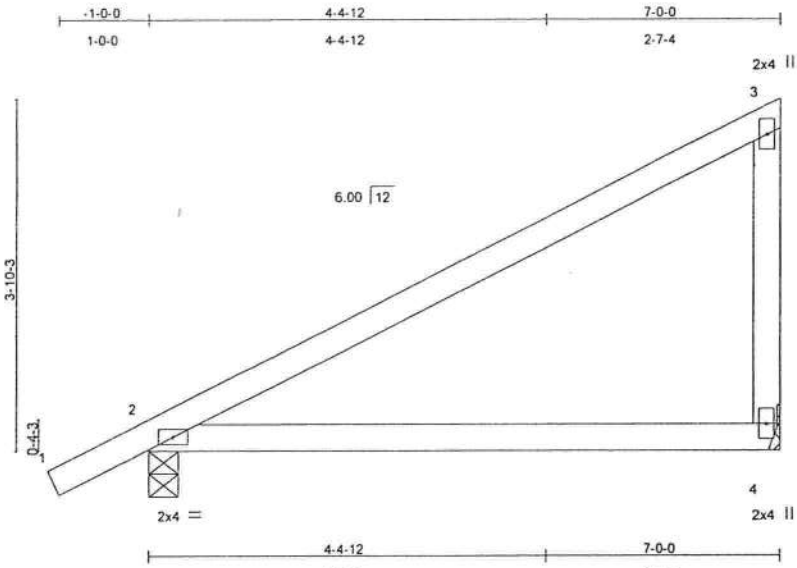

LOADING (psf)			SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0		Plates Increase	1.25	TC	0.44	Vert(LL)	-0.10	2-4	>765	240	MT20	244/190
TCDL	7.0		Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.26	2-4	>306	180		
BCLL	10.0	*	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0		Code FBC2004/TPI2002		(Matrix)							Weight: 29 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) 2=349/0-4-0, 4=282/Mechanical
Max Horz 2=176(LC 6)
Max Uplift 2=-111(LC 6), 4=-100(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-105/54
BOT CHORD 2-4=0/0
WEBS 3-4=-149/173

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 2 and 100 lb uplift at joint 4.

LOAD CASE(S) Standard

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December 27,2007

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI1 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

ENGINEERING BY TRENCO
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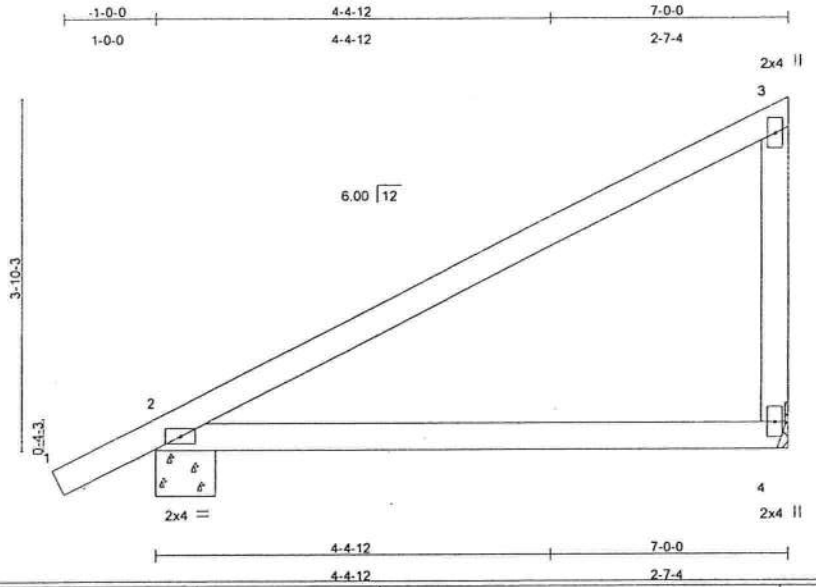
Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585815
SUNBURY	J1B6	JACK	14	1	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:03 2007 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	0.40	Vert(LL)	-0.09	2-4	>825	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.24	2-4	>330	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 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) 2=352/0-8-0, 4=273/Mechanical
Max Horz 2=176(LC 6)
Max Uplift 2=-120(LC 6), 4=-97(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-104/53
BOT CHORD 2-4=0/0
WEBS 3-4=-143/167

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 120 lb uplift at joint 2 and 97 lb uplift at joint 4.
6)

LOAD CASE(S) Standard

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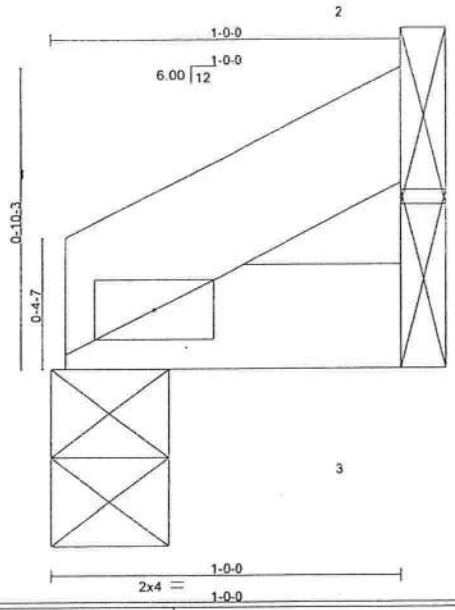
Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125 E4585820
SUNBURY	J1S	JACK	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:05 2007 Page 1



Scale = 1:6.2

LOADING (psf)		SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 16.0		Plates Increase 1.25	TC 0.01	Vert(LL) -0.00 1 >999 240	MT20 244/190
TCDL 7.0		Lumber Increase 1.25	BC 0.01	Vert(TL) -0.00 1 >999 180	
BCLL 10.0	*	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 2 n/a n/a	
BCDL 10.0		Code FBC2004/TPI2002	(Matrix)		Weight: 3 lb

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

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

REACTIONS (lb/size) 1=39/0-4-0, 3=18/Mechanical, 2=21/Mechanical
Max Horz 1=22(LC 6)
Max Uplift1=-3(LC 6), 2=-22(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-17/8
BOT CHORD 1-3=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3 lb uplift at joint 1 and 22 lb uplift at joint 2.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 2 and 3.

LOAD CASE(S) Standard

MARVIN A. STRZYZEWSKI LICENSE No 43144 STATE OF FLORIDA PROFESSIONAL ENGINEER

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FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125
SUNBURY	J2	JACK	7	1	E4585821 Job Reference (optional)

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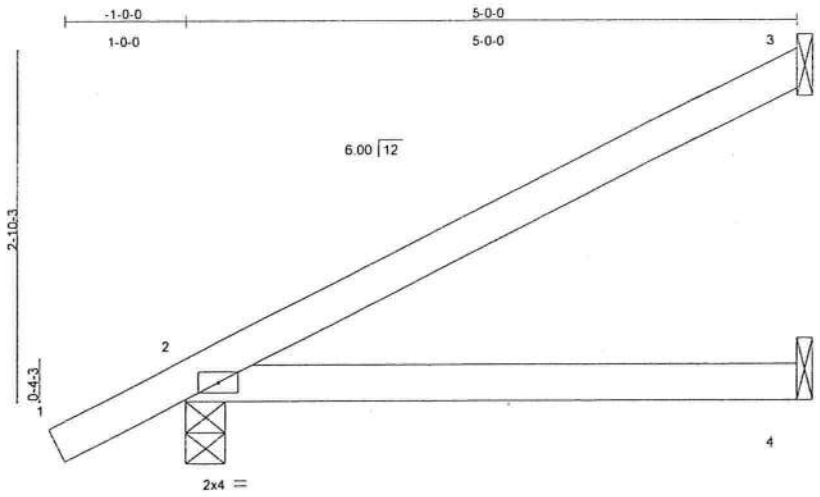

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.07	2-4	>842	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

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

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

REACTIONS (lb/size) 3=102/Mechanical, 2=269/0-4-0, 4=95/Mechanical
Max Horz 2=136(LC 6)
Max Uplift 3=-95(LC 6), 2=-104(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-74/37
BOT CHORD 2-4=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 95 lb uplift at joint 3 and 104 lb uplift at joint 2.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

MARVIN A. STRZYZEWSKI LICENSE No 43144 STATE OF FLORIDA PROFESSIONAL ENGINEER

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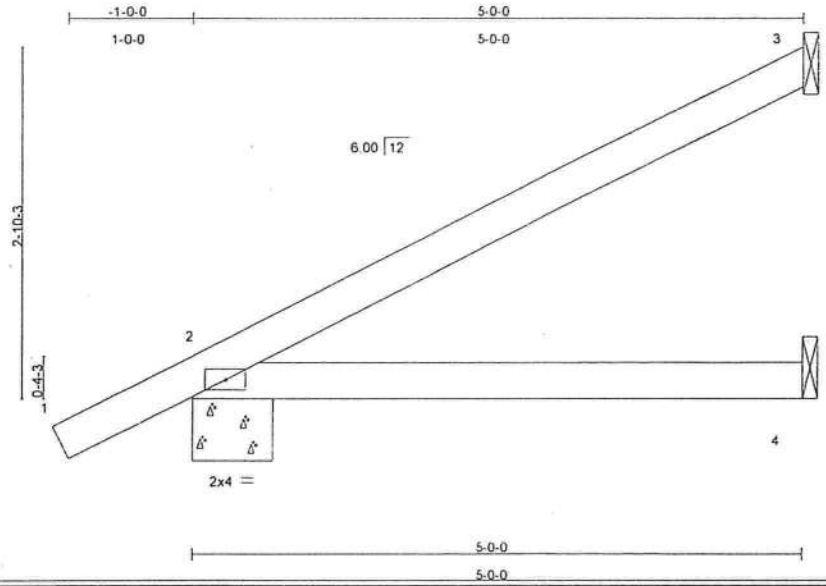
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585823
SUNBURY	J2B6	JACK	7	1	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:06 2007 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	0.18	Vert(LL)	-0.02	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.06	2-4	>937	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

LUMBER
TOP CHORD 2 X 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=96/Mechanical, 2=272/0-8-0, 4=92/Mechanical
Max Horz 2=136(LC 6)
Max Uplift 3=-91(LC 6), 2=-114(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-72/36
BOT CHORD 2-4=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 3 and 114 lb uplift at joint 2.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

MARVIN A. STRZYZEWSKI LICENSE No 43144 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Truss Engineering Co.
818 Soundside Road
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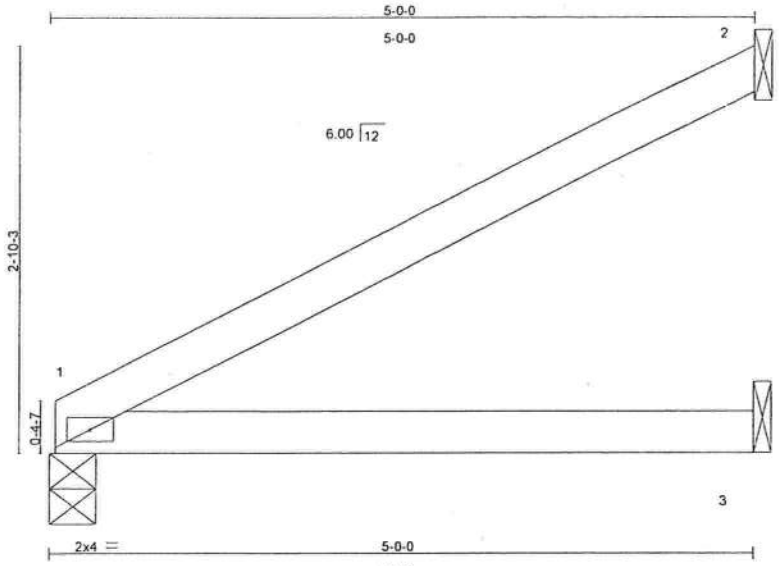
FL COA #7239

December 27,2007

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585828
SUNBURY	J2S	JACK	1	1	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:08 2007 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	0.23	Vert(LL)	-0.03	1-3	>999	240	MT20	244/190
TCDL	7.0		Lumber Increase	1.25	BC	0.21	Vert(TL)	-0.07	1-3	>865	180		
BCLL	10.0	*	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0		* Code FBC2004/TPI2002		(Matrix)							Weight: 16 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) 1=203/0-4-0, 2=109/Mechanical, 3=95/Mechanical
Max Horz 1=104(LC 6)
Max Uplift1=-22(LC 6), 2=-106(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-81/41
BOT CHORD 1-3=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 1 and 106 lb uplift at joint 2.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 2 and 3.

LOAD CASE(S) Standard

MARVIN A. STRZYZEWSKI LICENSE No 43144 STATE OF FLORIDA PROFESSIONAL ENGINEER

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818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585829
SUNBURY	J3	JACK	7	1	Job Reference (optional)	

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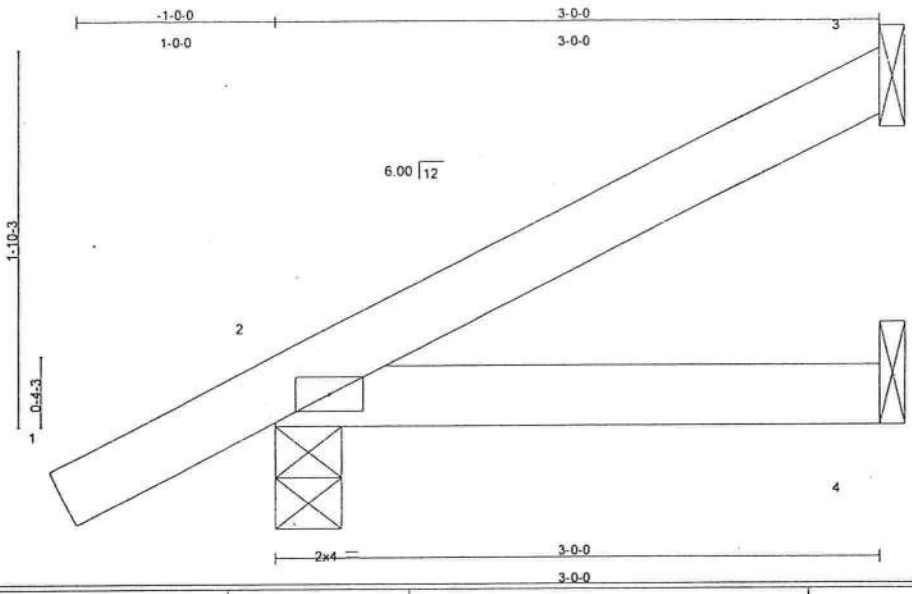

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.12	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

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

REACTIONS (lb/size) 3=51/Mechanical, 2=188/0-4-0, 4=55/Mechanical
Max Horz 2=95(LC 6)
Max Uplift 3=-44(LC 6), 2=-101(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-36/18
BOT CHORD 2-4=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 3 and 101 lb uplift at joint 2.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

MARVIN A. STRZYZEWSKI * LICENSE No 43144 * STATE OF FLORIDA * PROFESSIONAL ENGINEER

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Truss Engineering Co.
818 Soundside Road
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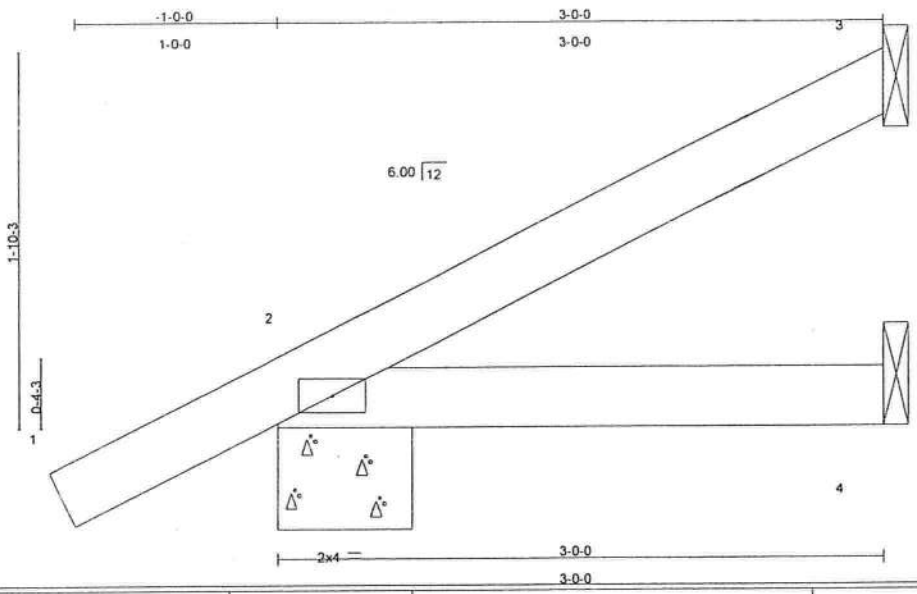
FL COA #7239

December 27,2007

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585831
SUNBURY	J3B6	JACK	7	1	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:09 2007 Page 1



Scale = 1:10.8

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 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=43/Mechanical, 2=194/0-8-0, 4=52/Mechanical
Max Horz 2=95(LC 6)
Max Uplift 3=-37(LC 6), 2=-113(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-39/15
BOT CHORD 2-4=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 3 and 113 lb uplift at joint 2.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
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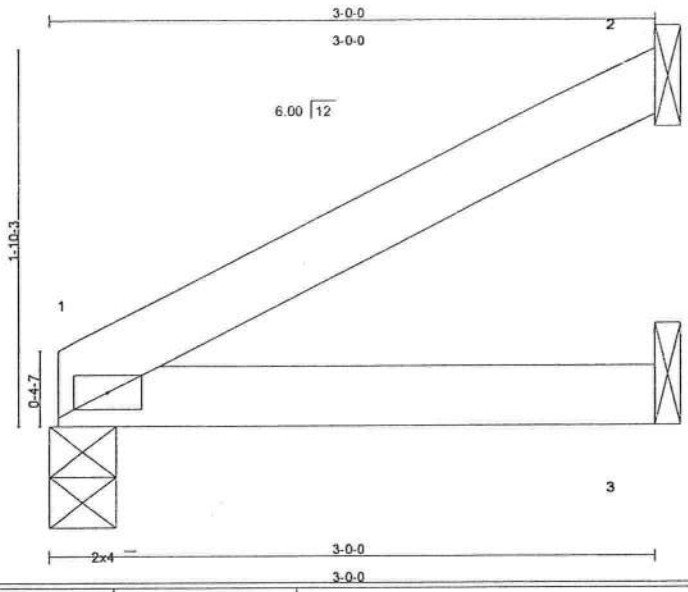
FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585836
SUNBURY	J3S	JACK	1	1	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:11 2007 Page 1



Scale = 1:10.8

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.08	Vert(LL)	-0.00	1-3	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	1-3	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2004/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 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=117/0-4-0, 2=63/Mechanical, 3=55/Mechanical
Max Horz 1=63(LC 6)
Max Uplift1=-11(LC 6), 2=-62(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-49/24
BOT CHORD 1-3=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 11 lb uplift at joint 1 and 62 lb uplift at joint 2.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 2 and 3.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585837
SUNBURY	J4	JACK	7	1	Job Reference (optional)	

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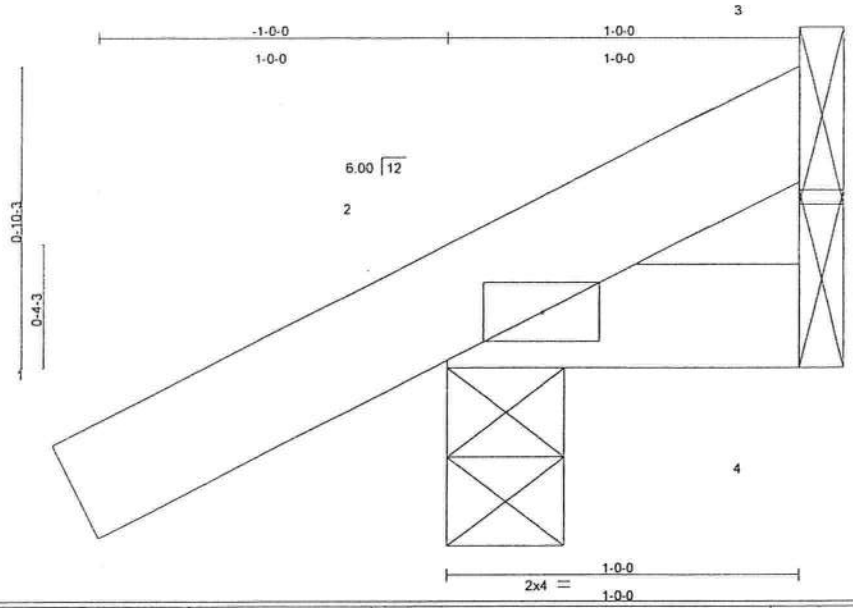


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.10	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 5 lb	

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

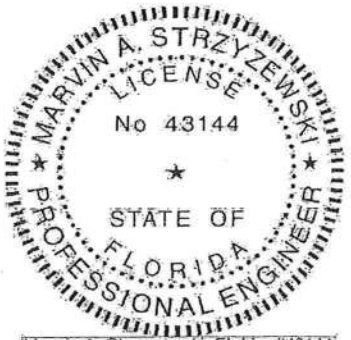
BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=121/0-4-0, 4=19/Mechanical, 3=-7/Mechanical
Max Horz 2=54(LC 6)
Max Uplift 2=-111(LC 6), 3=-7(LC 1)
Max Grav 2=121(LC 1), 4=19(LC 1), 3=22(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-25/22
BOT CHORD 2-4=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 2 and 7 lb uplift at joint 3.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard



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December 27,2007

ENGINEERING BY TRENCO
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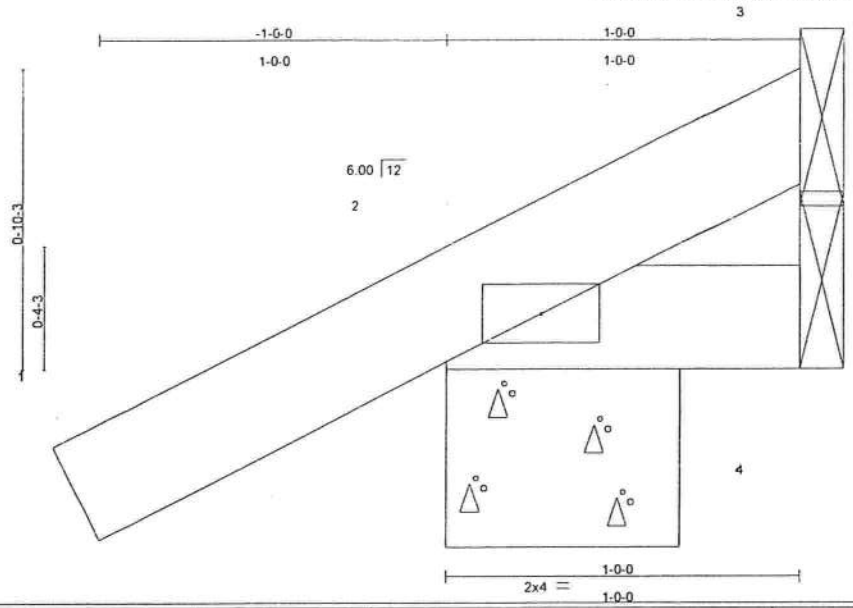
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585839
SUNBURY	J4B6	JACK	7	1	Job Reference (optional)	

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:12 2007 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	0.11	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 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 10-0-0 oc bracing.

REACTIONS (lb/size) 2=124/0-8-0, 4=18/Mechanical, 3=-11/Mechanical
Max Horz 2=54(LC 6)
Max Uplift 2=-116(LC 6), 3=-11(LC 1)
Max Grav 2=124(LC 1), 4=18(LC 1), 3=27(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-27/26
BOT CHORD 2-4=0/0

NOTES (6)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 116 lb uplift at joint 2 and 11 lb uplift at joint 3.
6) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
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FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125 E4585847
SUNBURY	JGRD	MONO TRUSS	4	1	Job Reference (optional)

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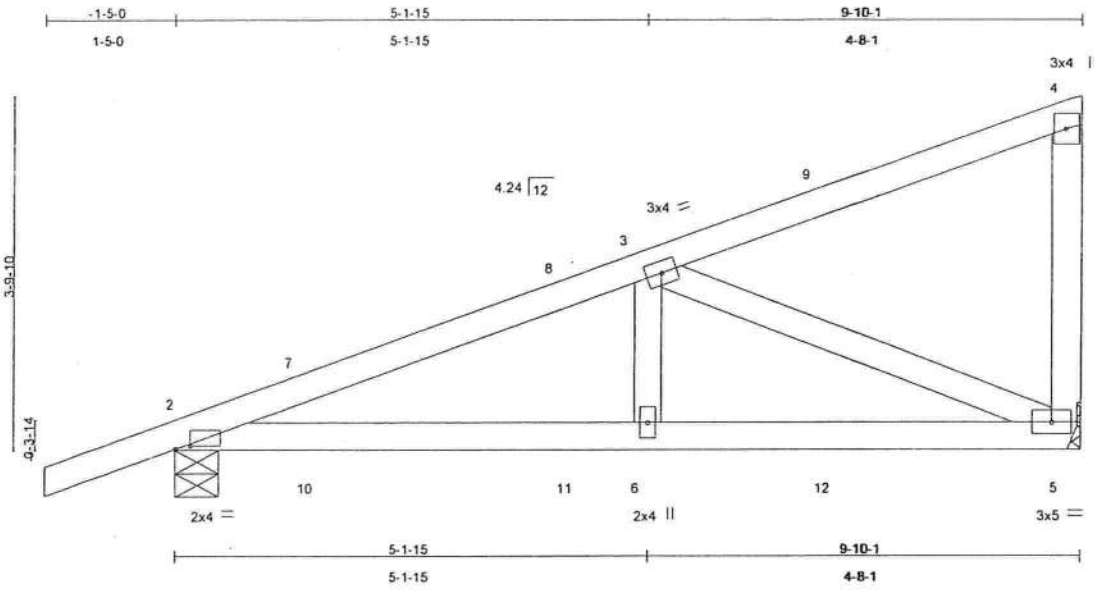

Plate Offsets (X,Y): [2:0-1-15,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.03	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.06	5-6	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 46 lb	

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

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

REACTIONS (lb/size) 5=576/Mechanical, 2=536/0-5-11
Max Horz 2=174(LC 3)
Max Uplift5=-237(LC 3), 2=-169(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-7=-905/228, 7-8=-870/250, 3-8=-830/229, 3-9=-123/50, 4-9=-55/0, 4-5=-129/142
BOT CHORD 2-10=-302/815, 10-11=-302/815, 6-11=-302/815, 6-12=-302/815, 5-12=-302/815
WEBS 3-6=0/293, 3-5=-812/290

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 237 lb uplift at joint 5 and 169 lb uplift at joint 2.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 5 lb down and 33 lb up at 4-4-0, 5 lb down and 33 lb up at 4-4-0, 56 lb down and 100 lb up at 7-1-15, 56 lb down and 100 lb up at 7-1-15, and 38 lb down at 1-6-1, and 38 lb down at 1-6-1 on top chord, and 21 lb up at 1-6-1, 21 lb up at 1-6-1, 15 lb down at 4-4-0, 15 lb down at 4-4-0, and 55 lb down at 7-1-15, and 55 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: 1-4=-46, 2-5=-40
Concentrated Loads (lb)
Vert: 8=-10(F=-5, B=-5) 9=-113(F=-56, B=-56) 10=42(F=21, B=21) 11=-31(F=-15, B=-15) 12=-111(F=-55, B=-55)

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December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585851
SUNBURY	JGRDB6	MONO TRUSS	2	1	Job Reference (optional)	

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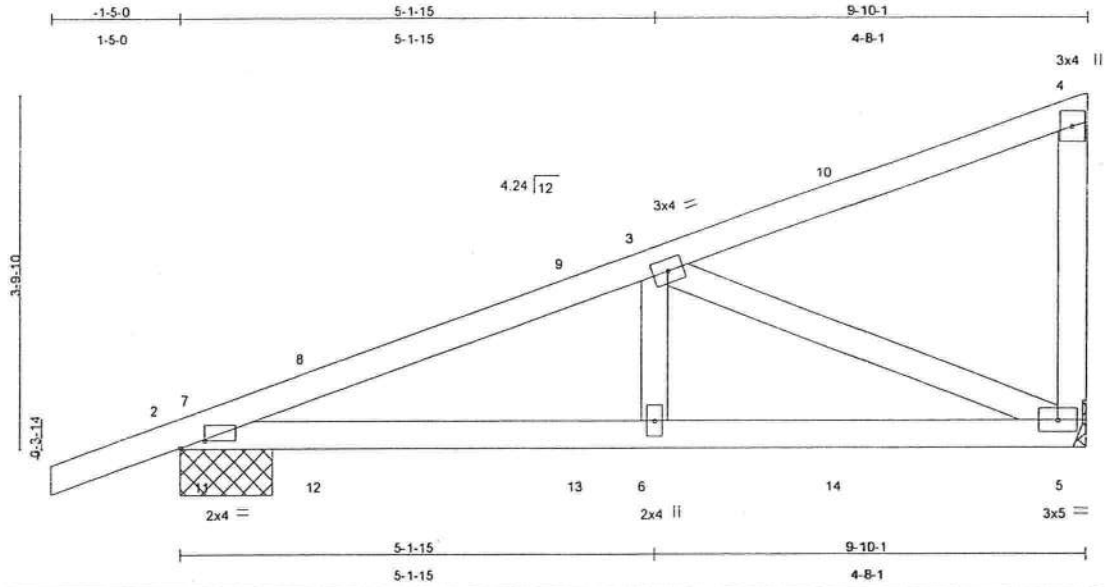

Plate Offsets (X,Y): [2:0-3-3,0-0-15]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.23	Vert(LL)	-0.03	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.06	5-6	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 46 lb	

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

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

REACTIONS (lb/size) 5=565/Mechanical, 2=495/1-0-1
Max Horz 2=173(LC 3)
Max Uplift 5=-223(LC 3), 2=-137(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-7=-883/183, 7-8=-881/187, 8-9=-852/209, 3-9=-817/196, 3-10=-118/46, 4-10=-53/0, 4-5=-125/140
BOT CHORD 2-11=-265/802, 11-12=-265/802, 12-13=-265/802, 6-13=-265/802, 6-14=-265/802, 5-14=-265/802
WEBS 3-6=0/284, 3-5=-801/251

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 223 lb uplift at joint 5 and 137 lb uplift at joint 2.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 24 lb up at 4-4-12, 24 lb up at 4-4-12, 50 lb down and 94 lb up at 7-2-11, 50 lb down and 94 lb up at 7-2-11, and 40 lb down at 1-6-12, and 40 lb down at 1-6-12 on top chord, and 22 lb up at 1-6-12, 22 lb up at 1-6-12, 12 lb down at 4-4-12, 12 lb down at 4-4-12, and 52 lb down at 7-2-11, and 52 lb down at 7-2-11 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: 1-2=-46, 2-7=-14, 4-7=-46, 2-11=-20, 5-11=-40
Concentrated Loads (lb)
Vert: 9=7(F=3, B=3) 10=-100(F=-50, B=-50) 12=43(F=22, B=22) 13=-24(F=-12, B=-12) 14=-104(F=-52, B=-52)

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December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585855
SUNBURY	JS1	MONO SCISSOR	9	1	Job Reference (optional)	

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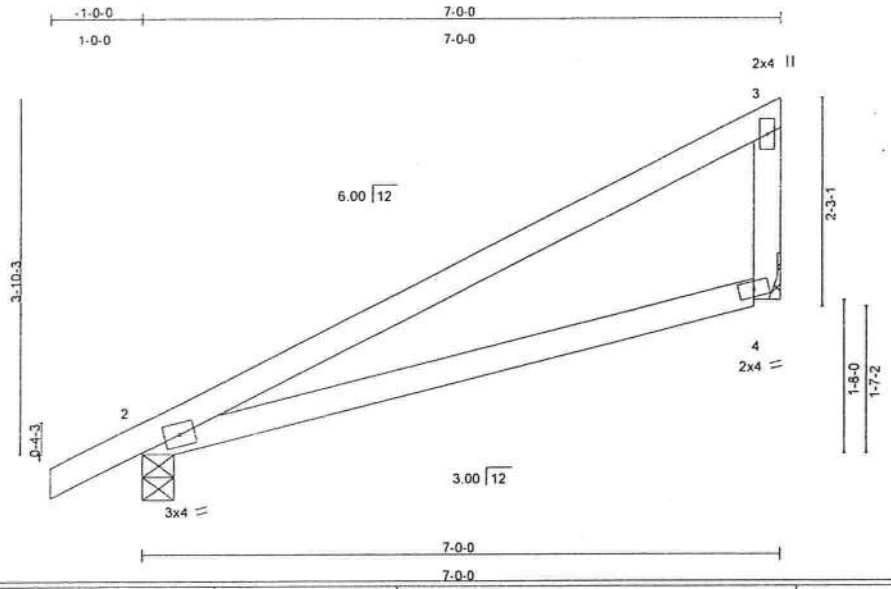

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.11	2-4	>742	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.27	2-4	>297	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 2=346/0-4-0, 4=283/Mechanical
Max Horz 2=173(LC 6)
Max Uplift2=-105(LC 6), 4=-102(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-108/55
BOT CHORD 2-4=-26/26
WEBS 3-4=-149/176

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 105 lb uplift at joint 2 and 102 lb uplift at joint 4.

LOAD CASE(S) Standard

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December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585856
SUNBURY	JS2	MONO SCISSOR	4	1	Job Reference (optional)	

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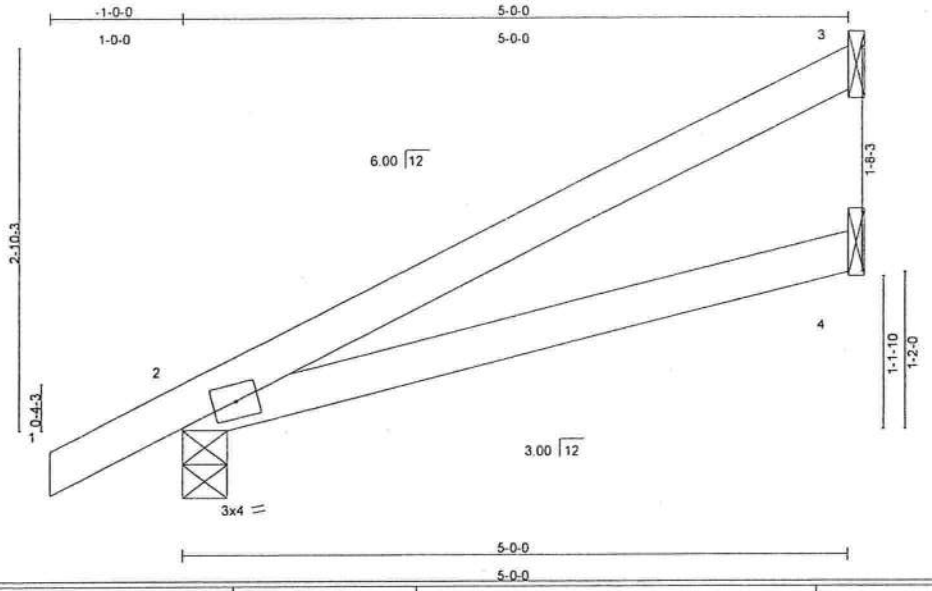

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.07	2-4	>817	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

LUMBER
TOP CHORD 2 X 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=103/Mechanical, 2=265/0-4-0, 4=95/Mechanical
Max Horz 2=133(LC 6)
Max Uplift 3=-98(LC 6), 2=-98(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-76/38
BOT CHORD 2-4=-19/19

NOTES (7)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 3 and 98 lb uplift at joint 2.
7) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

MARVIN A. STRZYZEWSKI LICENSE No 43144 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Truss Engineering Co.
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Edenton, NC 27932
FL COA #7239

December 27,2007

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4565857
SUNBURY	JS3	MONO SCISSOR	4	1	Job Reference (optional)	

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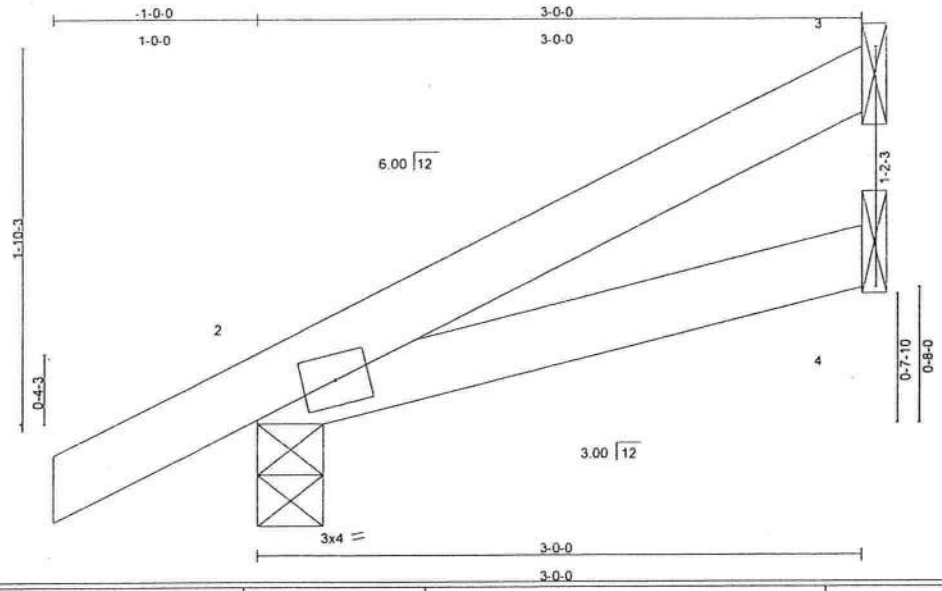

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.11	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	2-4	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							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=52/Mechanical, 2=184/0-4-0, 4=55/Mechanical
Max Horz 2=92(LC 6)
Max Uplift 3=-48(LC 6), 2=-94(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-38/19
BOT CHORD 2-4=-11/11

NOTES (7)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 3 and 94 lb uplift at joint 2.
7) Attach with (2) 16d Common Toe-Nails (0.162"x3.5") at joints 3 and 4.

LOAD CASE(S) Standard

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December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585858
SUNBURY	JS4	MONO SCISSOR	4	1	Job Reference (optional)	

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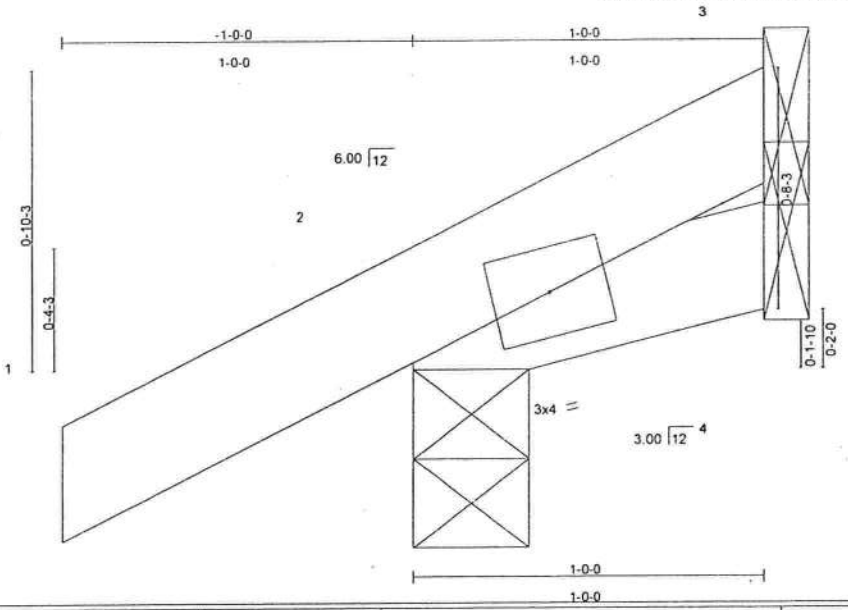

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.09	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 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 10-0-0 oc bracing.

REACTIONS (lb/size) 2=114/0-4-0, 4=19/Mechanical, 3=-4/Mechanical
Max Horz 2=51(LC 6)
Max Uplift2=-98(LC 6), 3=-7(LC 5)
Max Grav2=114(LC 1), 4=19(LC 1), 3=14(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/17, 2-3=-25/17
BOT CHORD 2-4=-4/4

NOTES (7)
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 2 and 7 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

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December 27,2007

ENGINEERING BY TRENCO
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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125
SUNBURY	JSGRD	MONO SCISSOR	2	1	E4585864 Job Reference (optional)

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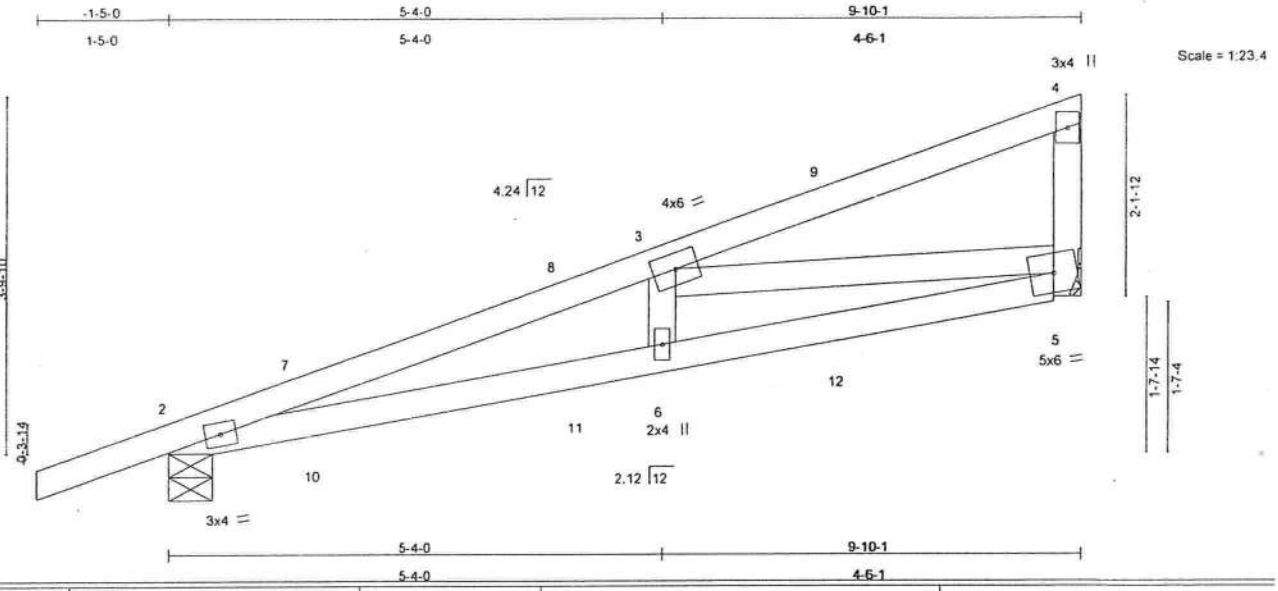

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.06	2-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.11	2-6	>999	180		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.36	Horz(TL)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 42 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 5-1-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-5-5 oc bracing.

REACTIONS (lb/size) 2=536/0-5-11, 5=580/Mechanical
Max Horz 2=173(LC 3)
Max Uplift2=-180(LC 3), 5=-248(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/19, 2-7=-1496/472, 7-8=-1456/490, 3-8=-1423/473, 3-9=-210/95, 4-9=-143/35, 4-5=-110/132
BOT CHORD 2-10=-543/1378, 10-11=-534/1381, 6-11=-533/1403, 6-12=-547/1371, 5-12=-539/1407
WEBS 3-6=0/273, 3-5=-1212/455

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 180 lb uplift at joint 2 and 248 lb uplift at joint 5.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 6 lb down and 38 lb up at 4-4-12, 6 lb down and 38 lb up at 4-4-12, 57 lb down and 103 lb up at 7-2-11, 57 lb down and 103 lb up at 7-2-11, and 35 lb down at 1-6-12, and 35 lb down at 1-6-12 on top chord, and 21 lb up at 1-6-12, 21 lb up at 1-6-12, 15 lb down at 4-4-12, 15 lb down at 4-4-12, and 55 lb down at 7-2-11, and 55 lb down at 7-2-11 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-46, 2-5=-40
Concentrated Loads (lb)
Vert: 8=-13(F=-6, B=-6) 9=-114(F=-57, B=-57) 10=42(F=21, B=21) 11=-31(F=-15, B=-15) 12=-111(F=-55, B=-55)

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December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585866
SUNBURY	M4	MONO TRUSS	10	1	Job Reference (optional)	

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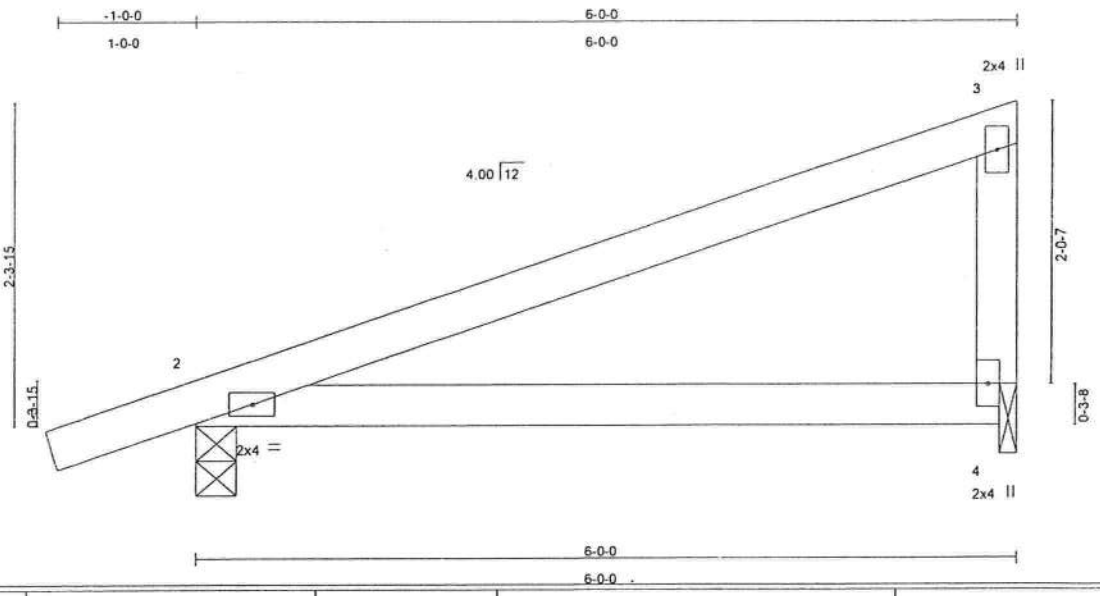

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.23	Vert(LL)	0.22	2-4	>305	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	0.17	2-4	>393	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

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

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

REACTIONS (lb/size) 2=306/0-3-8, 4=240/0-1-8
Max Horz 2=103(LC 4)
Max Uplift2=-214(LC 4), 4=-159(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/14, 2-3=-57/33, 3-4=-126/126
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) 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) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 214 lb uplift at joint 2 and 159 lb uplift at joint 4.

LOAD CASE(S) Standard

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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI1 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

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Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585871
SUNBURY	RG2	GABLE	1	1	Job Reference (optional)	

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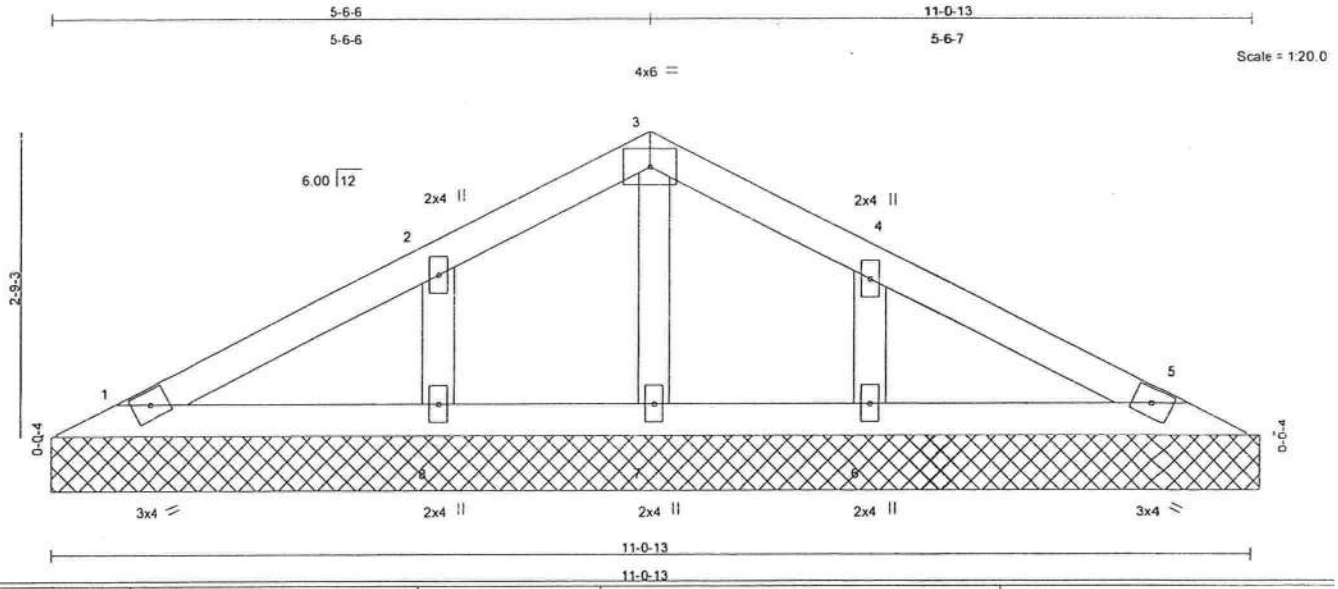

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.03	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 40 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 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.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=106/11-1-13, 5=103/11-1-13, 7=105/11-1-13, 8=268/11-1-13, 6=264/11-1-13
Max Horz 1=-46(LC 4)
Max Uplift 1=-35(LC 7), 5=-38(LC 7), 8=-167(LC 6), 6=-165(LC 7)
Max Grav 1=106(LC 1), 5=103(LC 1), 7=105(LC 1), 8=269(LC 10), 6=264(LC 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-34/34, 2-3=-34/117, 3-4=-33/114, 4-5=-25/30
BOT CHORD 1-8=0/54, 7-8=0/54, 6-7=0/55, 5-6=0/55
WEBS 3-7=-56/7, 2-8=-141/234, 4-6=-139/233

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1-2002.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable studs spaced at 2-0-0 oc.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 35 lb uplift at joint 1, 38 lb uplift at joint 5, 167 lb uplift at joint 8 and 165 lb uplift at joint 6.
8) Non Standard bearing condition. Review required.

LOAD CASE(S) Standard

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December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585873
SUNBURY	T1	COMMON	6	1	Job Reference (optional)	

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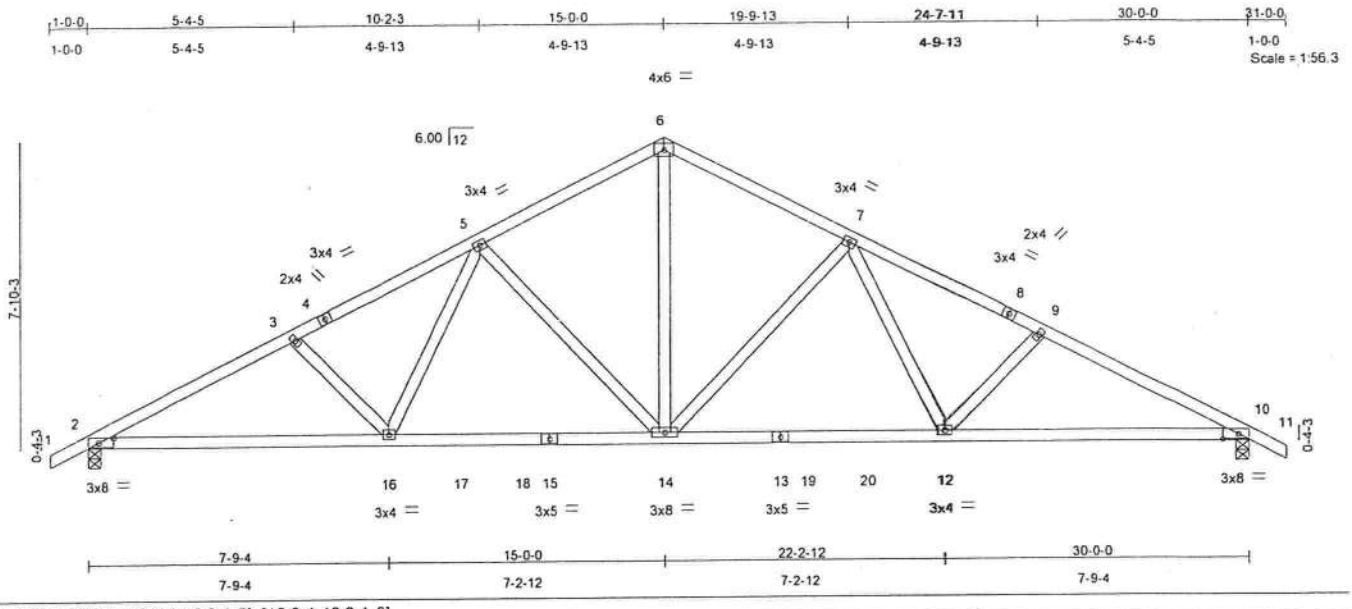

Plate Offsets (X,Y): [2:0-4-12,0-1-8], [10:0-4-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.18	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.32	14-16	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 155 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 3-8-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-14 oc bracing.

REACTIONS (lb/size) 2=1392/0-4-0, 10=1392/0-4-0
Max Horz 2=-137(LC 7)
Max Uplift2=-309(LC 6), 10=-309(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-2441/724, 3-4=-2287/666, 4-5=-2233/682, 5-6=-1589/568, 6-7=-1589/568, 7-8=-2233/682, 8-9=-2287/666, 9-10=-2441/724, 10-11=0/20
BOT CHORD 2-16=-519/2136, 16-17=-342/1760, 17-18=-342/1760, 15-18=-342/1760, 14-15=-342/1760, 13-14=-342/1760, 13-19=-342/1760, 19-20=-342/1760, 12-20=-342/1760, 10-12=-519/2136
WEBS 3-16=-205/215, 5-16=-70/561, 5-14=-568/272, 6-14=-314/1144, 7-14=-568/272, 7-12=-70/561, 9-12=-205/215

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 309 lb uplift at joint 2 and 309 lb uplift at joint 10.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125
SUNBURY	T1A	COMMON	4	1	E4585876 Job Reference (optional)

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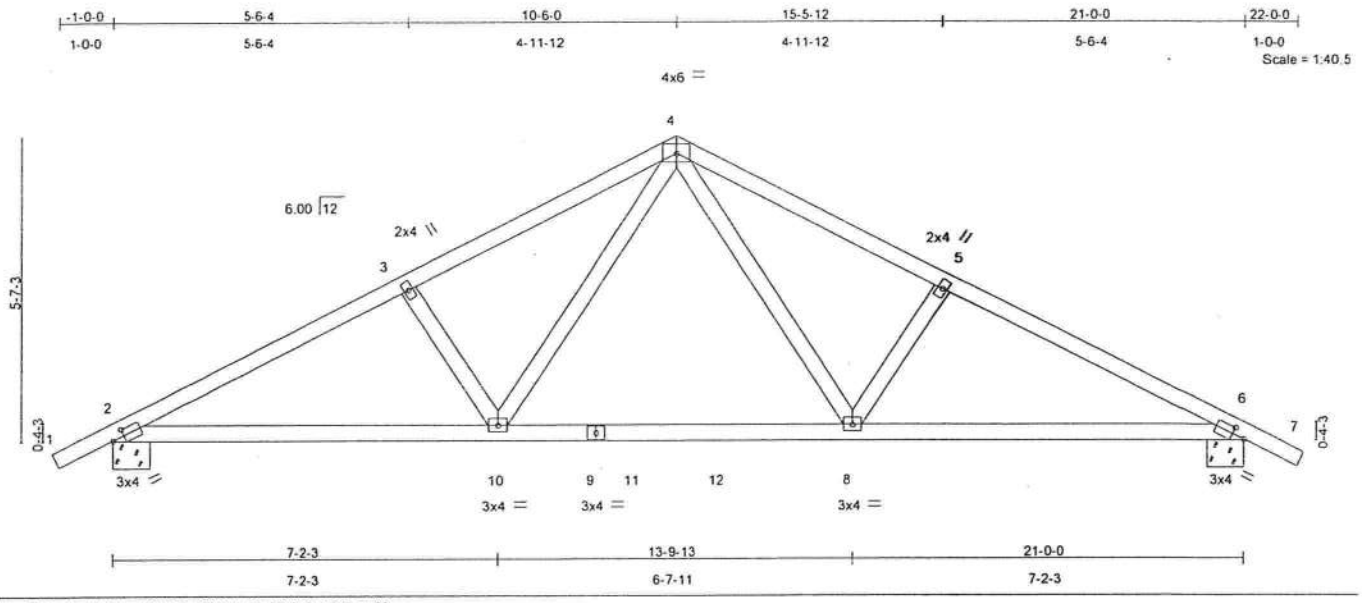

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [6:0-2-10,0-1-8]

LOADING (psf)		SPACING 2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase 1.25	TC 0.23	Vert(LL)	-0.11	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase 1.25	BC 0.48	Vert(TL)	-0.17	8-10	>999	180		
BCLL	10.0 *	Rep Stress Incr YES	WB 0.11	Horz(TL)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002	(Matrix)						Weight: 97 lb	

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

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

REACTIONS (lb/size) 2=971/0-8-0, 6=971/0-8-0
Max Horz 2=104(LC 6)
Max Uplift 2=-247(LC 6), 6=-247(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-1498/434, 3-4=-1382/436, 4-5=-1382/436, 5-6=-1498/434, 6-7=0/21
BOT CHORD 2-10=-253/1288, 9-10=-85/886, 9-11=-85/886, 11-12=-85/886, 8-12=-85/886, 6-8=-253/1288
WEBS 3-10=-202/207, 4-10=-108/583, 4-8=-108/583, 5-8=-202/207

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 247 lb uplift at joint 2 and 247 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125	E4585877
SUNBURY	T1AS	COMMON	3	1	Job Reference (optional)	

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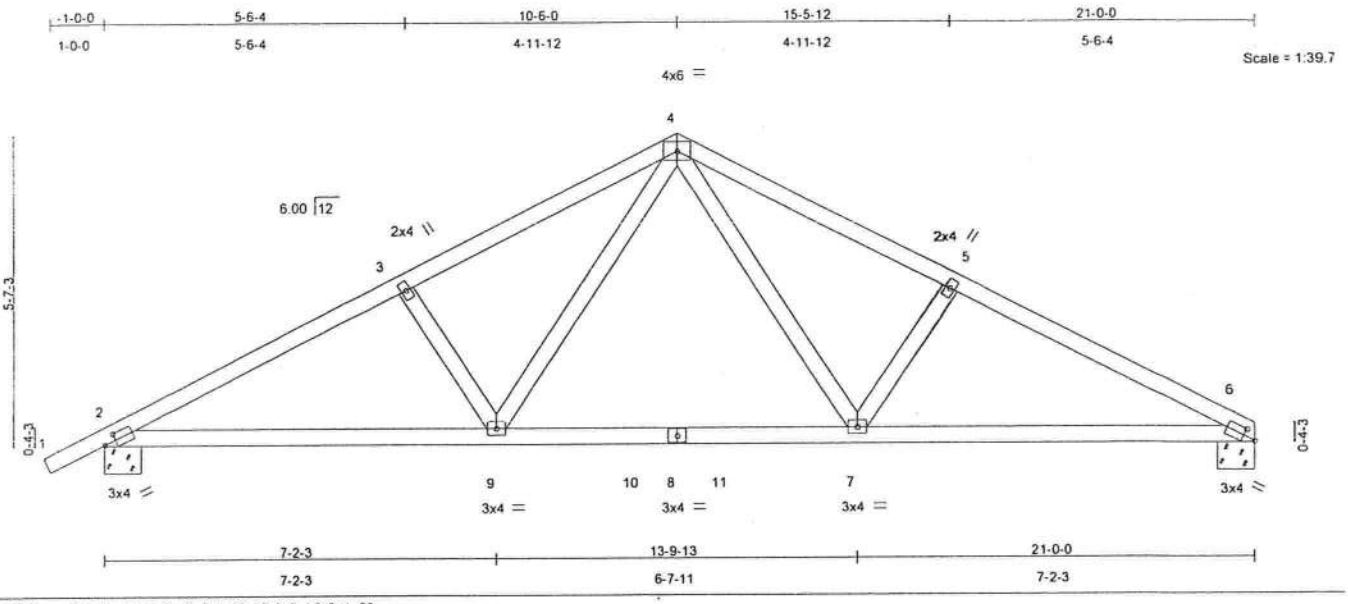

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [6:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.10	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.17	6-7	>999	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							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.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=905/0-8-0, 2=973/0-8-0
Max Horz 2=113(LC 6)
Max Uplift6=-164(LC 7), 2=-247(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/21, 2-3=-1502/444, 3-4=-1386/446, 4-5=-1395/466, 5-6=-1511/465
BOT CHORD 2-9=-315/1292, 9-10=-147/891, 8-10=-147/891, 8-11=-147/891, 7-11=-147/891, 6-7=-339/1302
WEBS 3-9=-202/208, 4-9=-105/583, 4-7=-137/595, 5-7=-209/222

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 164 lb uplift at joint 6 and 247 lb uplift at joint 2.

LOAD CASE(S) Standard

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December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125 E4585885
SUNBURY	V2A	VALLEY	1	1	Job Reference (optional)

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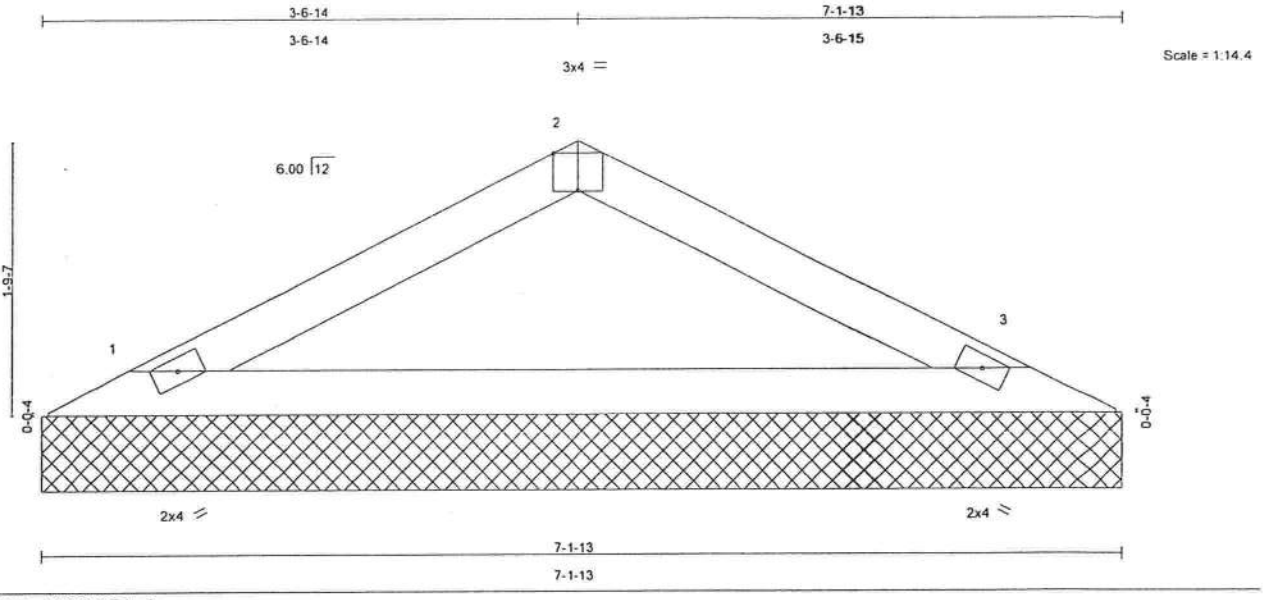

Plate Offsets (X,Y): [2:0-2-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 20 lb	

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

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

REACTIONS (lb/size) 1=254/7-1-13, 3=254/7-1-13
Max Horz 1=-24(LC 4)
Max Uplift1=-48(LC 6), 3=-48(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-176/143, 2-3=-176/143
BOT CHORD 1-3=-87/136

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 1 and 48 lb uplift at joint 3.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	3x4 =	Qty	Ply	SUNBURY_FLORIDA_125	E4585886
SUNBURY	V2B	VALLEY		1	1	Job Reference (optional)	

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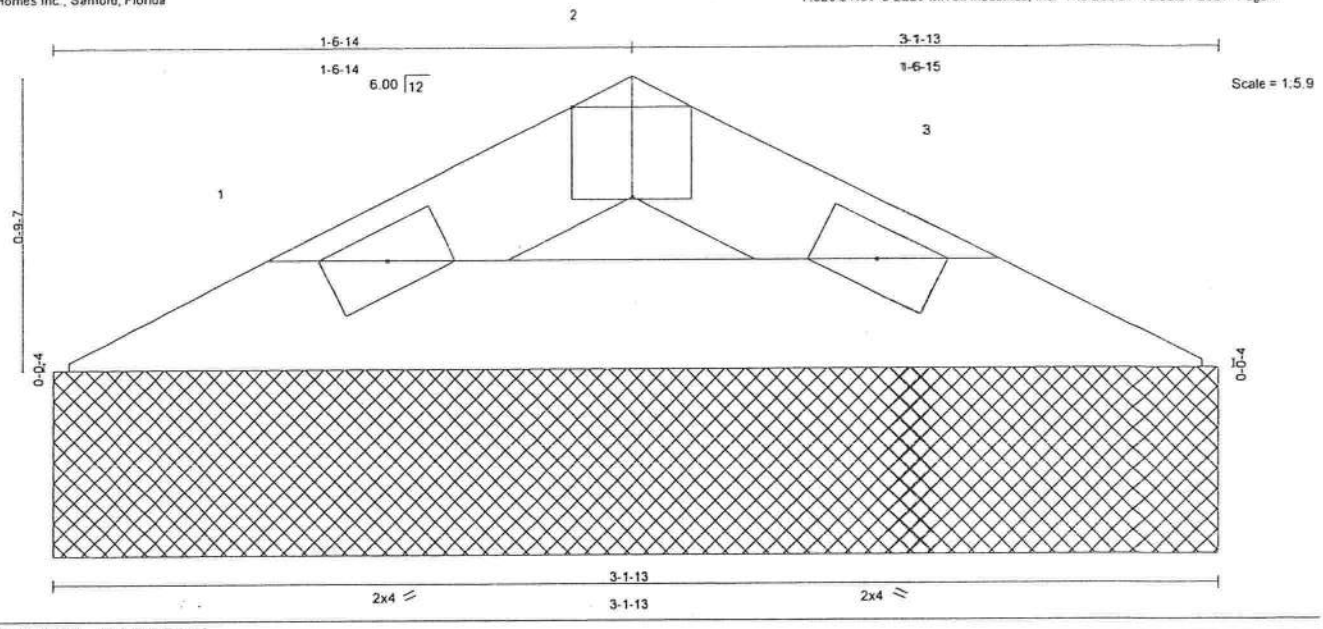


Plate Offsets (X,Y): [2:0-2-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 8 lb	

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

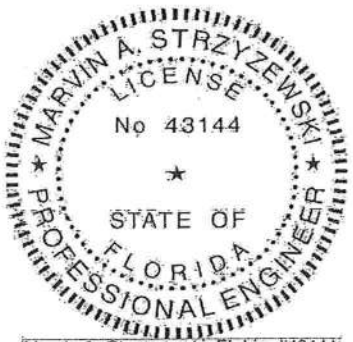
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=82/3-1-13, 3=82/3-1-13
Max Horz 1=-8(LC 4)
Max Uplift1=-16(LC 6), 3=-16(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-57/48, 2-3=-57/48
BOT CHORD 1-3=-29/44

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Gable requires continuous bottom chord bearing.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 16 lb uplift at joint 1 and 16 lb uplift at joint 3.

LOAD CASE(S) Standard



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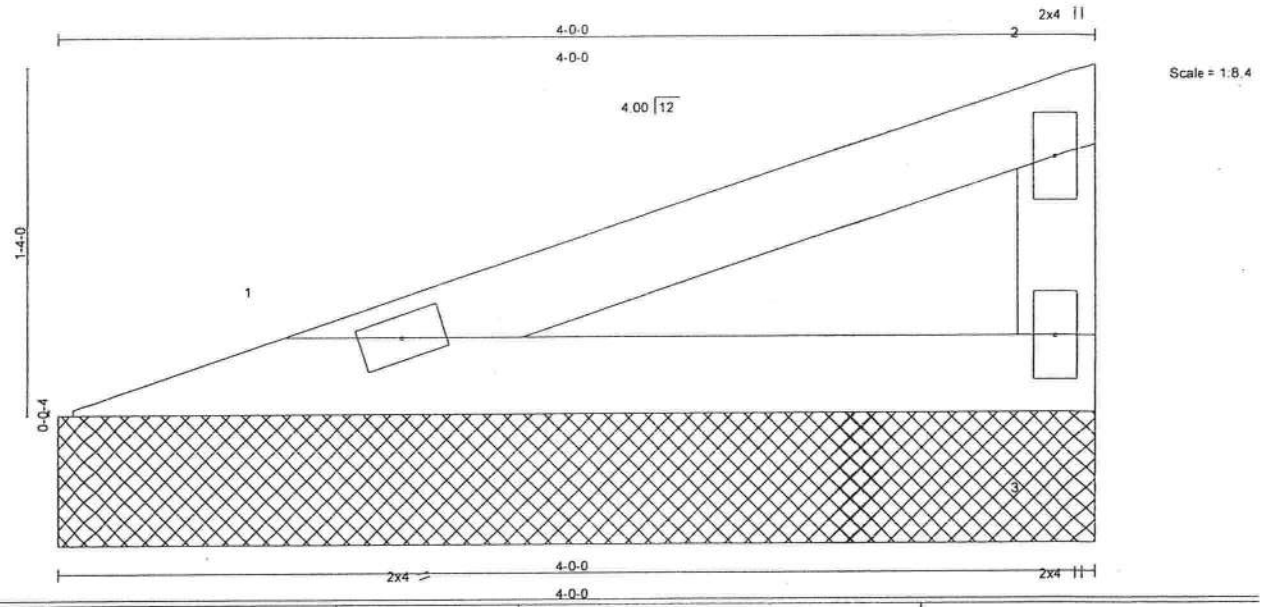
FL COA #7239

December 27,2007

Job	Truss	Truss Type	Qty	Ply	SUNBURY_FLORIDA_125 E4585889
SUNBURY	V4	VALLEY	1	1	Job Reference (optional)

Maronda Homes Inc., Sanford, Florida — 7.020 s Nov 9 2007 MiTek Industries, Inc. Thu Dec 27 10:03:35 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	16.0	Plates Increase	1.25	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 12 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=127/4-0-0, 3=127/4-0-0
Max Horz 1=41(LC 4)
Max Uplift1=-24(LC 4), 3=-38(LC 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-30/17, 2-3=-68/72
BOT CHORD 1-3=0/0

NOTES
1) Wind: ASCE 7-02; 125mph (3-second gust); h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Gable requires continuous bottom chord bearing.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 1 and 38 lb uplift at joint 3.

LOAD CASE(S) Standard

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

December 27,2007

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

ENGINEERING BY
TRENCO
A MiTek Affiliate

RE: ELEV_F - SUNBURY FL

Trenco
818 Soundside Rd
Edenton, NC 27932

Site Information:
Project Customer: Maronda Homes Project Name: Sunbury FL
Lot/Block: Sanford Subdivision: Sanford
Address: Sanford
City: Sanford State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2004/TPI2002 Design Program: MiTek 20/20 7.0
Wind Code: N/A Wind Speed: N/A mph Floor Load: 55.0 psf
Roof Load: N/A psf

This package includes 5 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.
This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

No.	Seal#	Truss Name	Date
1	E4617771	FA	1/15/08
2	E4617772	FB	1/15/08
3	E4617773	FC	1/15/08
4	E4617774	FD	1/15/08
5	E4617775	FE	1/15/08

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

The truss drawing(s) referenced above have been prepared by TRENCO under my direct supervision based on the parameters provided by Maronda Homes-Pittsburgh, PA.

Truss Design Engineer's Name: Strzyzewski, Marvin
My license renewal date for the state of is February 28, 2009.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.

January 15,2008

Strzyzewski, Marvin

Job	Truss	Truss Type	Qty	Ply	SUNBURY FL	E4617771
ELEV_F	FA	FLOOR	6	1	SUNBURY FL ALL ELEVATIONS Job Reference (optional)	

Maronda Homes, Inc, Pittsburgh, PA — 7.030 s Jan 3 2008 MiTek Industries, Inc. Tue Jan 15 12:03:14 2008 Page 1

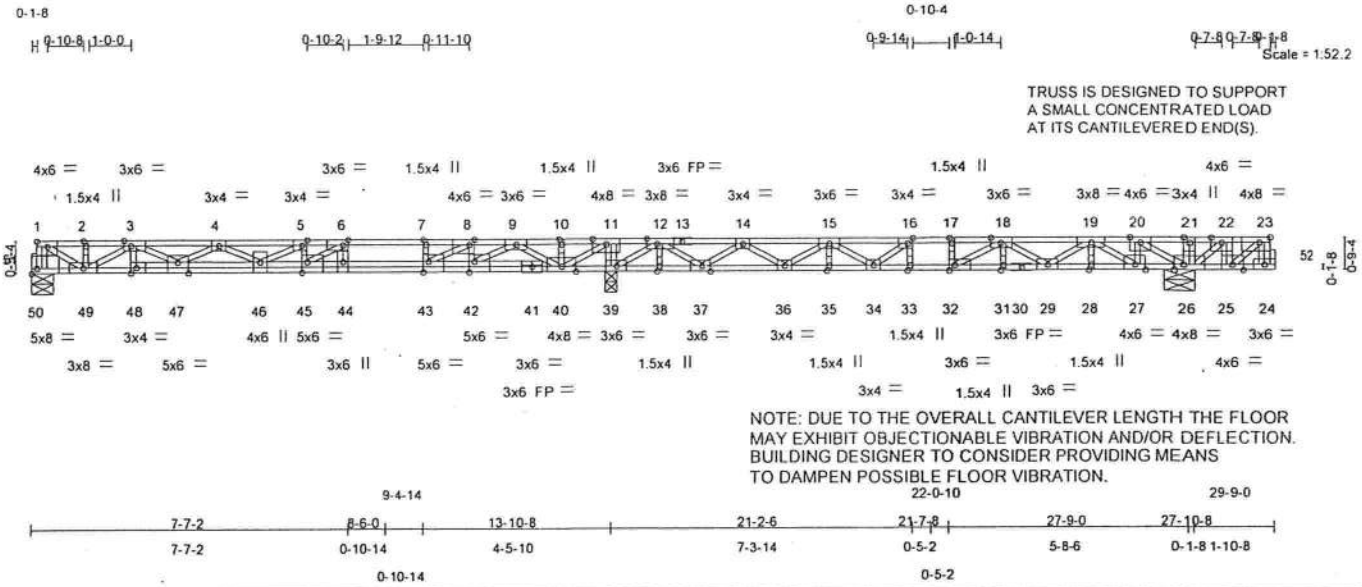


Plate Offsets (X,Y): [1:Edge,0-1-8], [3:0-2-0,Edge], [5:0-1-8,Edge], [6:0-1-8,Edge], [8:0-1-8,Edge], [12:0-3-0,Edge], [16:0-1-8,Edge], [18:0-2-12,Edge], [23:0-3-0,Edge], [26:0-2-4,Edge], [32:0-1-8,Edge], [37:0-2-8,Edge], [42:0-1-8,Edge], [43:0-1-8,Edge], [45:0-1-8,Edge], [47:0-3-0,Edge], [48:0-1-8,Edge], [50:Edge,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	1.00	Vert(LL)	-0.27	44-45	>616	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.71	Vert(TL)	-0.39	44-45	>424	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.77	Horz(TL)	0.03	39	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2 *Except* 13-23 4 X 2 SYP No.1D
BOT CHORD 4 X 2 SYP No.2 *Except* 41-50 4 X 2 SYP No.1D, 41-48 4 X 2 SYP No.1D
WEBS 4 X 2 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 49-50,48-49,47-48,46-47,45-46.

REACTIONS (lb/size) 50=2156/0-6-8, 39=1576/0-3-8, 26=2595/0-8-0
Max Grav50=2222(LC 4), 39=1795(LC 2), 26=2654(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 50-51=-2249/0, 1-51=-2245/0, 24-52=0/6, 23-52=0/6, 1-2=-1421/0, 2-3=-1421/0, 3-4=-3096/0, 4-5=-3766/0, 5-6=-3969/0, 6-7=-3375/274, 7-8=-3375/274, 8-9=-2177/949, 9-10=-142/1901, 10-11=-142/1901, 11-12=0/3301, 12-13=-231/1277, 13-14=-231/1277, 14-15=-1561/1325, 15-16=-2271/1671, 16-17=-2356/1983, 17-18=-2356/1983, 18-19=-1487/2899, 19-20=0/3875, 20-21=0/4396, 21-22=0/4393, 22-23=0/2157
BOT CHORD 49-50=0/428, 48-49=0/2299, 47-48=0/2302, 46-47=0/3615, 45-46=0/3969, 44-45=-274/3375, 43-44=-274/3375, 42-43=-949/2177, 41-42=-1272/1229, 40-41=-1272/1225, 39-40=-3301/0, 38-39=-1912/0, 37-38=-1912/0, 36-37=-1241/1034, 35-36=-1448/2085, 34-35=-1448/2085, 33-34=-1983/2356, 32-33=-1983/2356, 31-32=-2514/2031, 30-31=-2514/2031, 29-30=-2514/2031, 28-29=-3317/904, 27-28=-3317/904, 26-27=-3875/0, 25-26=-2157/0, 24-25=-1/0
WEBS 2-49=-96/0, 3-49=-1012/0, 3-48=-103/0, 3-47=0/909, 4-47=-602/21, 4-46=-99/175, 5-46=-231/91, 5-45=-279/0, 6-45=0/1260, 11-40=0/1687, 10-40=-93/15, 9-40=-1364/0, 9-42=0/1158, 8-42=-804/0, 8-43=0/1911, 12-39=-1581/0, 12-38=-25/3, 12-37=0/1223, 14-37=-1128/32, 14-36=-101/729, 15-36=-725/144, 15-35=-27/19, 6-44=-552/0, 7-43=-386/0, 11-39=-965/0, 16-33=-278/117, 17-32=-243/1, 21-26=-197/0, 15-34=-261/416, 16-34=-441/497, 20-26=-1584/0, 20-27=0/715, 19-27=-1491/0, 19-28=0/18, 19-29=0/1026, 18-29=-960/0, 18-31=-85/44, 18-32=-175/1044, 22-25=0/1553, 22-26=-2766/0, 23-25=-2681/0, 1-49=0/1163

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Posi-Strut webs to be applied to both sides of truss unless otherwise noted. FF=Front Face, BF=Back Face
3) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1554 lb down at 0-3-0, and 1554 lb down at 29-6-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 15,2008

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

LOAD CASE(S) Standard

1) Floor: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 24-50=-10, 1-23=-100

Concentrated Loads (lb)

Vert: 23=-1554(F) 1=-1554(F)

Job	Truss	Truss Type	Qty	Ply	SUNBURY FL	E4617772
ELEV_F	FB	FLOOR	10	1	SUNBURY FL ALL ELEVATIONS Job Reference (optional)	

Maronda Homes, Inc. Pittsburgh, PA — 7.030 s Jan 3 2008 MiTek Industries, Inc. Tue Jan 15 12:03:16 2008 Page 1

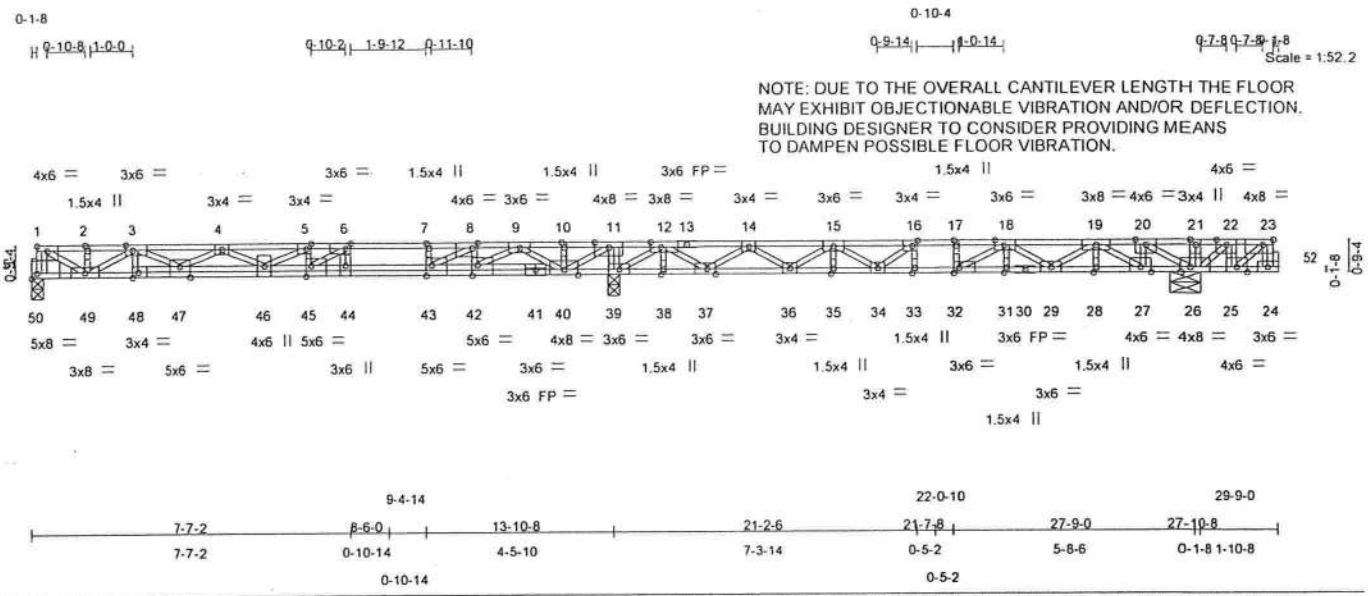


Plate Offsets (X,Y): [1:Edge,0-1-8], [3:0-2-0,Edge], [5:0-1-8,Edge], [6:0-1-8,Edge], [8:0-1-8,Edge], [12:0-3-0,Edge], [16:0-1-8,Edge], [18:0-2-12,Edge], [23:0-3-0,Edge], [26:0-2-4,Edge], [32:0-1-8,Edge], [37:0-2-8,Edge], [42:0-1-8,Edge], [43:0-1-8,Edge], [45:0-1-8,Edge], [47:0-3-0,Edge], [48:0-1-8,Edge], [50:Edge,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	1.00	Vert(LL)	-0.27	44-45	>616	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.71	Vert(TL)	-0.39	44-45	>424	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.77	Horz(TL)	0.03	39	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 161 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2 *Except* 13-23 4 X 2 SYP No.1D
BOT CHORD 4 X 2 SYP No.2 *Except* 41-50 4 X 2 SYP No.1D, 41-48 4 X 2 SYP No.1D
WEBS 4 X 2 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 49-50,48-49,47-48,46-47,45-46.

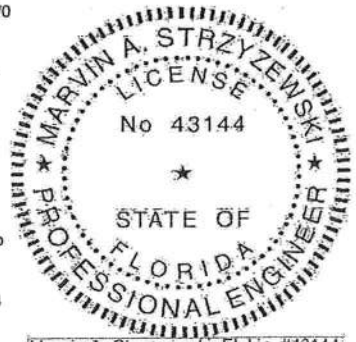
REACTIONS (lb/size) 50=2156/0-3-8, 39=1576/0-3-8, 26=2595/0-8-0
Max Grav50=2222(LC 4), 39=1795(LC 2), 26=2654(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 50-51=-2249/0, 1-51=-2245/0, 24-52=0/6, 23-52=0/6, 1-2=-1421/0, 2-3=-1421/0, 3-4=-3096/0, 4-5=-3766/0, 5-6=-3969/0, 6-7=-3375/274, 7-8=-3375/274, 8-9=-2177/949, 9-10=-142/1901, 10-11=-142/1901, 11-12=0/3301, 12-13=-231/1277, 13-14=-231/1277, 14-15=-1561/1325, 15-16=-2271/1671, 16-17=-2356/1983, 17-18=-2356/1983, 18-19=-1487/2899, 19-20=0/3875, 20-21=0/4396, 21-22=0/4393, 22-23=0/2157
BOT CHORD 49-50=0/428, 48-49=0/2299, 47-48=0/2302, 46-47=0/3615, 45-46=0/3969, 44-45=-274/3375, 43-44=-274/3375, 42-43=-949/2177, 41-42=-1272/1229, 40-41=-1272/1225, 39-40=-3301/0, 38-39=-1912/0, 37-38=-1912/0, 36-37=-1241/1034, 35-36=-1448/2085, 34-35=-1448/2085, 33-34=-1983/2356, 32-33=-1983/2356, 31-32=-2514/2031, 30-31=-2514/2031, 29-30=-2514/2031, 28-29=-3317/904, 27-28=-3317/904, 26-27=-3875/0, 25-26=-2157/0, 24-25=-1/0
WEBS 2-49=-96/0, 3-49=-1012/0, 3-48=-103/0, 3-47=0/909, 4-47=-602/21, 4-46=-99/175, 5-46=-231/91, 5-45=-279/0, 6-45=0/1260, 11-40=0/1687, 10-40=-93/15, 9-40=-1364/0, 9-42=0/1158, 8-42=-804/0, 8-43=0/1911, 12-39=-1581/0, 12-38=-25/3, 12-37=0/1223, 14-37=-1128/32, 14-36=-101/729, 15-36=-725/144, 15-35=-27/19, 6-44=-552/0, 7-43=-386/0, 11-39=-965/0, 16-33=-278/117, 17-32=-243/1, 21-26=-197/0, 15-34=-261/416, 16-34=-441/497, 20-26=-1584/0, 20-27=0/715, 19-27=-1491/0, 19-28=0/18, 19-29=0/1026, 18-29=-960/0, 18-31=-85/44, 18-32=-175/1044, 22-25=0/1553, 22-26=-2766/0, 23-25=-2681/0, 1-49=0/1163

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Posi-Strut webs to be applied to both sides of truss unless otherwise noted. FF=Front Face, BF=Back Face
3) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1554 lb down at 0-3-0, and 1554 lb down at 29-6-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2



Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 15,2008

LOAD CASE(S) Standard

1) Floor: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 24-50=-10, 1-23=-100

Concentrated Loads (lb)

Vert: 23=-1554(F) 1=-1554(F)

Job	Truss	Truss Type	Qty	Ply	SUNBURY FL	E4617773
ELEV_F	FC	FLOOR	1	1	SUNBURY FL ALL ELEVATIONS Job Reference (optional)	

Maronda Homes, Inc, Pittsburgh, PA — 7.030 s Jan 3 2008 MiTek Industries, Inc. Tue Jan 15 12:03:16 2008 Page 1

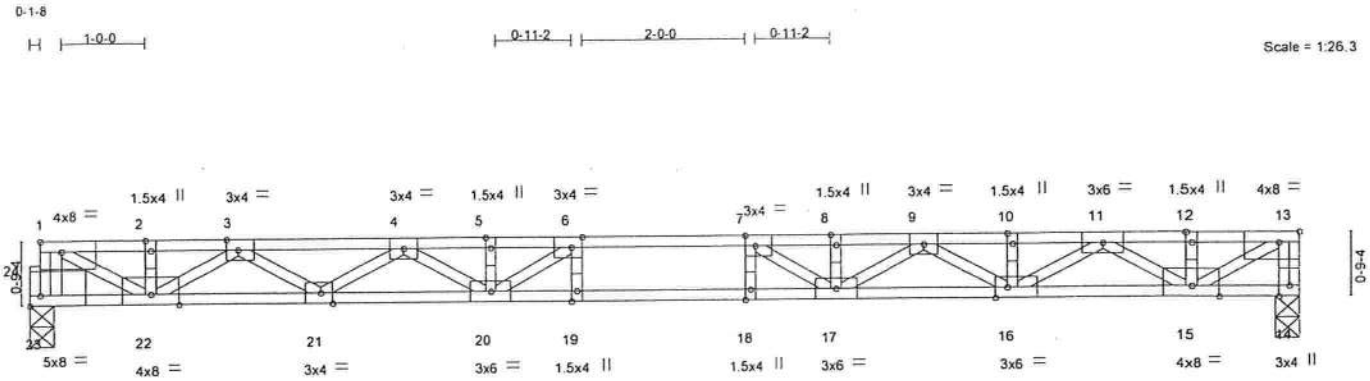


Plate Offsets (X,Y): [1:Edge,0-1-8], [3:0-1-12,Edge], [6:0-1-8,Edge], [7:0-1-8,Edge], [13:0-3-0,Edge], [16:0-1-12,Edge], [21:0-1-12,Edge], [23:Edge,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.61	Vert(LL)	-0.37	18-19	>496	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.97	Vert(TL)	-0.58	18-19	>313	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.64	Horz(TL)	0.07	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 74 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-7-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 23=1239/0-3-8, 14=834/0-3-8
Max Grav23=2248(LC 2), 14=834(LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 23-24=-2276/0, 1-24=-2272/0, 13-14=-823/0, 1-2=-1606/0, 2-3=-1606/0, 3-4=-3362/0, 4-5=-4469/0, 5-6=-4469/0, 6-7=-4793/0, 7-8=-4450/0, 8-9=-4450/0, 9-10=-3317/0, 10-11=-3317/0, 11-12=-1412/0, 12-13=-1412/0
BOT CHORD 22-23=0/433, 21-22=0/2645, 20-21=0/4045, 19-20=0/4793, 18-19=0/4793, 17-18=0/4793, 16-17=0/3986, 15-16=0/2455, 14-15=0/0
WEBS 6-19=-126/139, 7-18=-107/157, 1-22=0/1558, 2-22=-99/0, 3-22=-1216/0, 3-21=0/854, 4-21=-813/0, 4-20=0/495, 5-20=-131/103, 13-15=0/1607, 12-15=-121/0, 11-15=-1220/0, 11-16=0/1010, 10-16=-101/0, 9-16=-782/0, 9-17=0/543, 8-17=-144/113, 7-17=-835/65, 6-20=-768/125

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.
4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1554 lb down at 0-3-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-23=-10, 1-13=-100
Concentrated Loads (lb)
Vert: 1=-424(F)

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

January 15,2008

Job	Truss	Truss Type	Qty	Ply	SUNBURY FL / 7SP600BA
ELEV_F	FD	FLOOR	3	1	SUNBURY FL ALL ELEVATIONS Job Reference (optional)

7.030 s Mar 11 2008 MiTek Industries, Inc. Mon Jun 23 10:05:21 2008 Page 1

Maronda Homes, Inc, Pittsburgh, PA

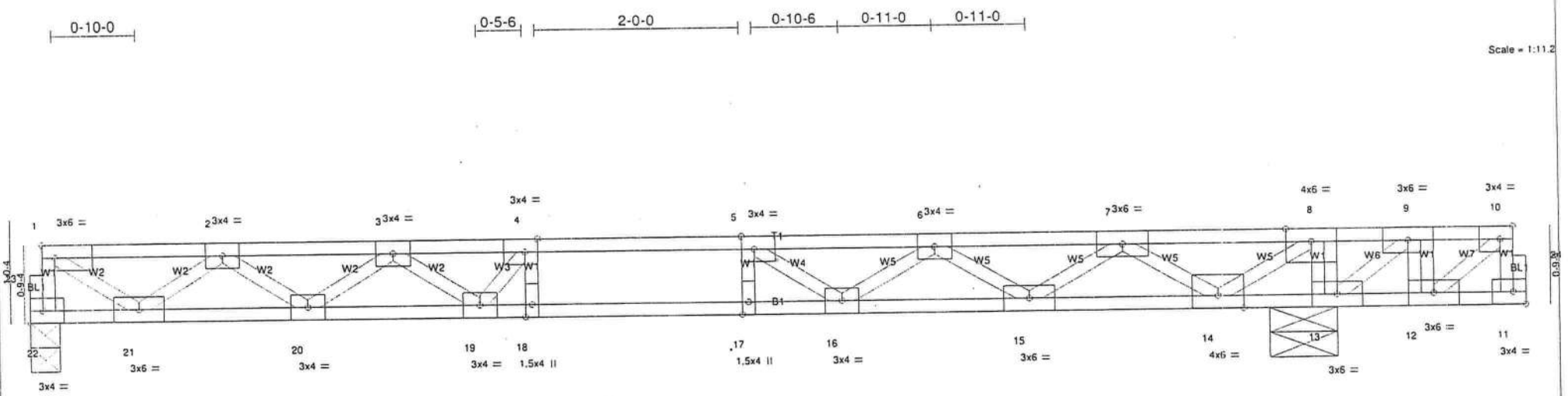


Plate Offsets (X,Y): [4:0-1-8,Edge], [5:0-1-8,Edge], [10:0-1-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	In	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.67	Vert(LL)	-0.20	17	>763	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.93	Vert(TL)	-0.26	17-18	>581	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.50	Horz(TL)	0.04	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 71 lb	

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

REACTIONS (lb/size) 22=581/0-3-8, 13=1609/0-8-0
Max Grav 22=656(LC 2), 13=1609(LC 1)

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
10-0-0 oc bracing: 21-22,20-21,19-20.

Continued on page 2

TOMAS PONCE LICENSE No. 50068 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 25 2008

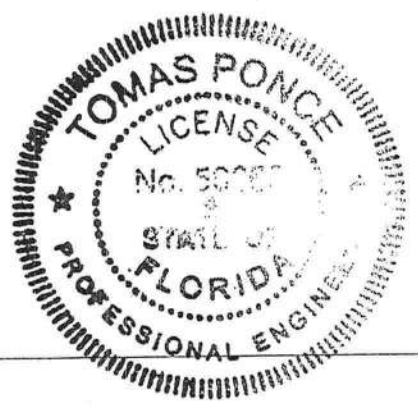
Job	Truss	Truss Type	Qty	Ply	SUNBURY FL / 7SP600BA
ELEV_F	FD	FLOOR	3	1	SUNBURY FL ALL ELEVATIONS Job Reference (optional)

Maronda Homes, Inc, Pittsburgh, PA

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 22-23=-650/0, 1-23=-648/0, 11-24=0/7, 10-24=0/7, 1-2=-863/0, 2-3=-2064/0, 3-4=-2809/0, 4-5=-3010/43, 5-6=-2752/385, 6-7=-1907/892, 7-8=-482/1546, 8-9=0/1941, 9-10=0/873
BOT CHORD 21-22=0/63, 20-21=0/1592, 19-20=0/2512, 18-19=-43/3010, 17-18=-43/3010, 16-17=-43/3010, 15-16=-636/2458, 14-15=-1191/1330, 13-14=-1941/0, 12-13=-873/0, 11-12=-1/0
WEBS 4-18=-304/206, 8-13=-850/0, 5-17=-112/228, 1-21=0/986, 2-21=-923/0, 2-20=0/597, 10-12=-1093/0, 9-12=0/637, 9-13=-1298/0, 3-20=-567/0, 3-19=-103/466, 8-14=0/1250, 7-14=-1165/0, 7-15=0/832, 6-15=-785/0, 6-16=0/615, 5-16=-830/0, 4-19=-534/316

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Attach ribbon block to truss with 3-10d nails applied to flat face.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 615 lb down at 14-6-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 11-22=-10, 1-10=-100
Concentrated Loads (lb)
Vert: 10=-615(F)



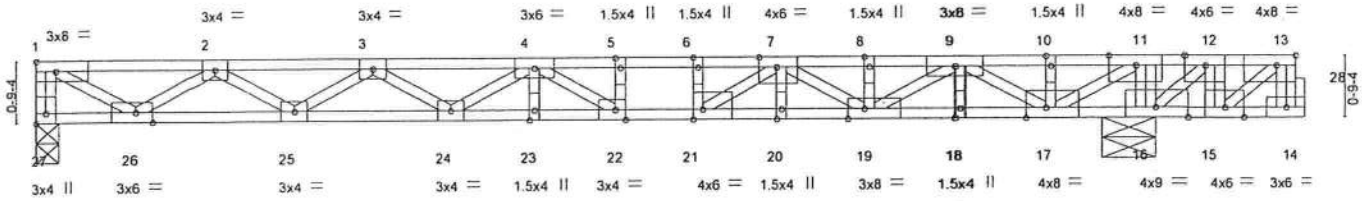
JUN 2 5 2008

Job	Truss	Truss Type	Qty	Ply	SUNBURY FL	E4617775
ELEV_F	FE	FLOOR	4	1	SUNBURY FL ALL ELEVATIONS Job Reference (optional)	

Maronda Homes, Inc, Pittsburgh, PA — 7.030 s Jan 3 2008 MiTek Industries, Inc. Tue Jan 15 12:03:18 2008 Page 1

1-0-0 | 0-11-6 | 0-10-4 | 0-11-6 | 0-7-0 | 0-8-0 | 0-1-8

Scale = 1:27.5



NOTE: DUE TO THE OVERALL CANTILEVER LENGTH THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND/OR DEFLECTION. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN POSSIBLE FLOOR VIBRATION.

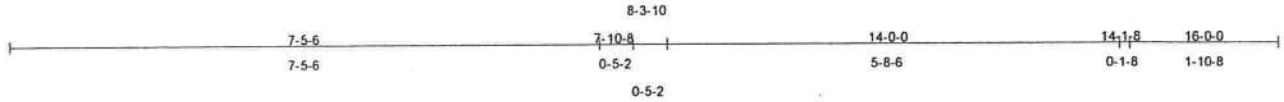


Plate Offsets (X,Y): [7:0-2-12,Edge], [13:0-3-0,Edge], [17:0-3-0,Edge], [19:0-2-8,Edge], [21:0-1-8,Edge], [22:0-1-8,Edge], [26:0-2-8,Edge], [27:Edge,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.95	Vert(LL)	-0.25	22-23	>658	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.81	Vert(TL)	-0.32	22-23	>522	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.69	Horz(TL)	0.04	16	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 82 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 26-27.

REACTIONS (lb/size) 27=562/0-3-8, 16=2658/0-8-0
Max Grav27=708(LC 2), 16=2658(LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-27=-699/0, 14-28=0/6, 13-28=0/6, 1-2=-1062/24, 2-3=-2548/191, 3-4=-3309/553, 4-5=-3329/1301, 5-6=-3329/1301, 6-7=-3329/1301, 7-8=-2158/2382, 8-9=-2158/2382, 9-10=-200/3578, 10-11=-200/3578, 11-12=0/4198, 12-13=0/2181
BOT CHORD 26-27=-0/0, 25-26=-71/1984, 24-25=-347/3079, 23-24=-774/3540, 22-23=-774/3540, 21-22=-1301/3329, 20-21=-1929/2780, 19-20=-1929/2780, 18-19=-2943/1292, 17-18=-2943/1292, 16-17=-4198/0, 15-16=-2181/0, 14-15=-1/0
WEBS 5-22=-61/204, 6-21=-354/0, 11-16=-1007/0, 1-26=-28/1225, 2-26=-1098/56, 2-25=-143/671, 3-25=-633/185, 3-24=-246/273, 4-24=-270/259, 4-23=0/135, 4-22=-952/158, 11-17=0/1722, 10-17=-101/9, 9-17=-1564/0, 9-18=0/19, 9-19=0/1293, 8-19=-130/0, 7-19=-975/0, 7-20=-117/15, 7-21=0/1281, 13-15=-2667/0, 12-15=0/1493, 12-16=-2559/0

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Posi-Strut webs to be applied to both sides of truss unless otherwise noted. FF=Front Face, BF=Back Face
3) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1500 lb down at 15-9-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

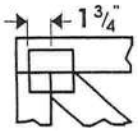
LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-10, 1-13=-100
Concentrated Loads (lb)
Vert: 13=-1500(F)

Marvin A. Strzyzewski, FL Lic. #43144
Truss Engineering Co.
818 Soundside Road
Edenton, NC 27932
FL COA #7239

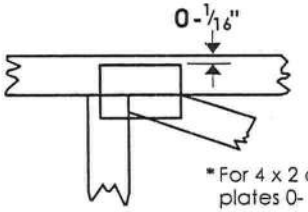
January 15,2008

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

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

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

PLATE SIZE

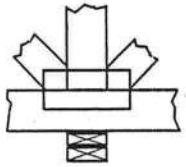
4 X 4

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

LATERAL BRACING LOCATION

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

BEARING

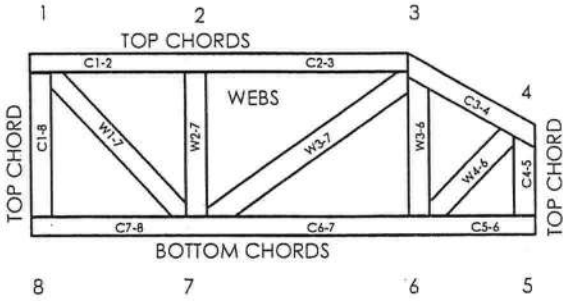


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ER-5243, 9604B
9730, 95-43, 96-31, 9667A
NER-487, NER-561
95110, 84-32, 96-67, ER-3907, 9432A

MiTek®
POWER TO PERFORM.™
ENGINEERING BY TRENCO
A MiTek Affiliate

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

BOUNDARY SURVEY

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

LEGAL DESCRIPTION:

LOT THIRTY (30) OF "TIMBERLANDS, PHASE 1" AS PER PLAT THEREOF, AS RECORDED IN PLAT BOOK '9', PAGES 26–27 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

CERTIFIED TO:

1) MARONDA HOMES

BUILDING SETBACK NOTE:

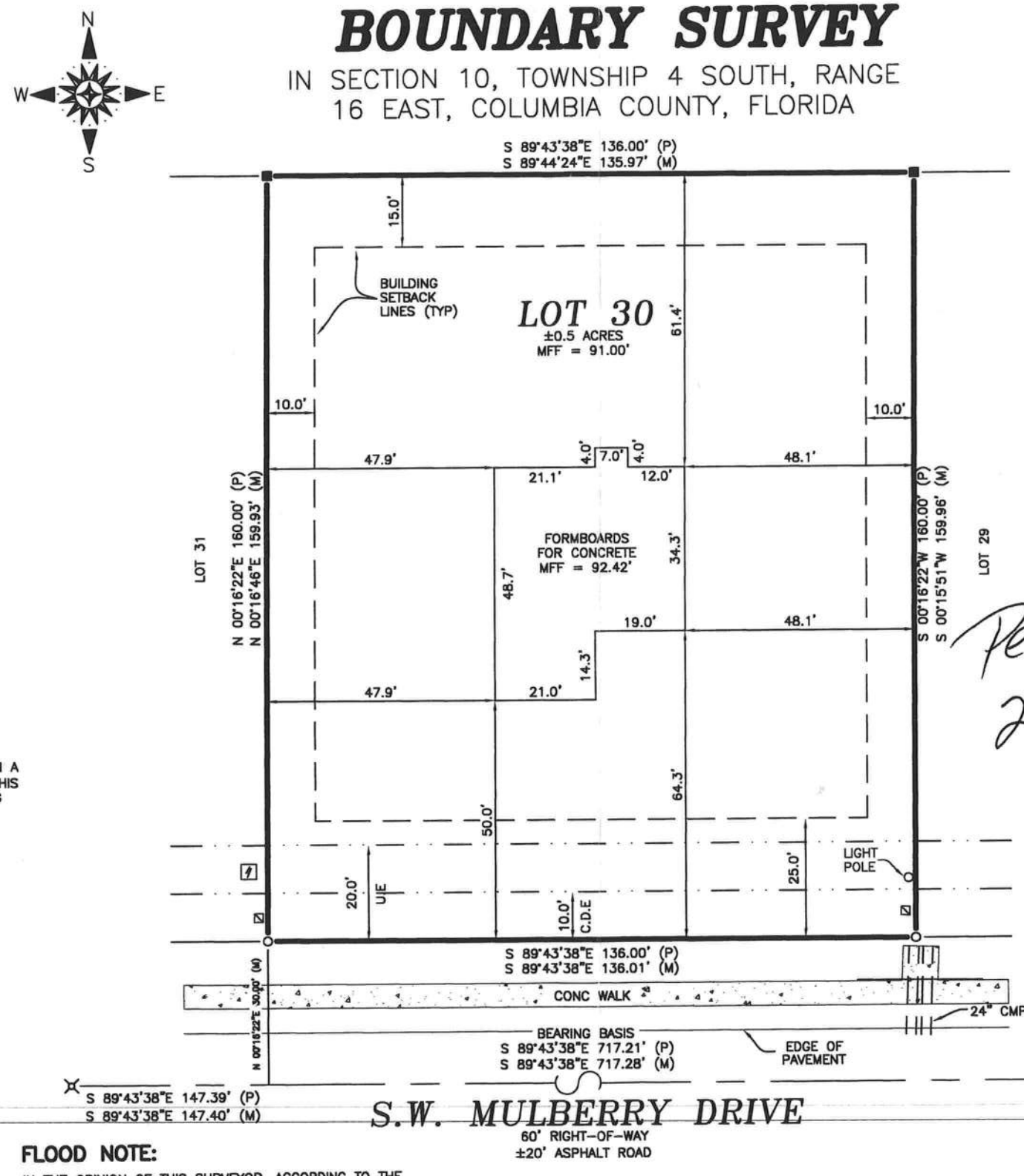
BUILDING SETBACK INFORMATION FOR "TIMBERLANDS" IS AS FOLLOWS: FRONT 25', REAR 15', SIDE 10'

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.

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.



N
W E
S

30 0 30 60 90
1" = 30'

LEGEND:

- ● = FOUND 1/2" REBAR NO IDENTIFICATION
- o = SET 1/2" REBAR & CAP L.B. 6894
- ■ = FOUND 4" X 4" CONC. MON. P.S.M. 5757
- ⌧ = FOUND NAIL & DISK P.S.M. 5757
- ⊟ = CATV RISER
- ⊠ = TELEPHONE PEDESTAL
- ⌀ = WOOD POWER POLE

ABBREVIATIONS:

A/C = AIR CONDITIONER
ASPH = ASPHALT
C = CALCULATED FROM MEASURED
CATV = CABLE TELEVISION
C/B = CONCRETE BLOCK
CLF = CHAIN LINK FENCE
CM = CONCRETE MONUMENT
CONC = CONCRETE
ELEC = ELECTRIC
ELEV = ELEVATION
FND = FOUND
FNC = FENCE
LB = LICENSED SURVEYOR BUSINESS
(M) = FIELD MEASURED
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

Permit #
27431

FLOOD NOTE:

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

TITLE NOTE:

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

THIS IS NOT A BOUNDARY SURVEY

CERTIFICATE OF SURVEYOR:

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

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

BY: _____
JAMES E. BRINKMAN, PSM – FLA. CERT# 5582
DATE: 10/22/08

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

SCALE: 1" = 30'	"THE BENCHMARK IN QUALITY SERVICE"	DRAWN BY: J.D.M.
DATE: 10/20/08		CHECKED BY: J.B.
FIELD WORK COMPLETED ON 10/13/2008	FIELDBOOK 97, PAGE 73	
PREPARED FOR: MARONDA		DRAWING NUMBER 176–08

PROPOSED BUILDING LAYOUT

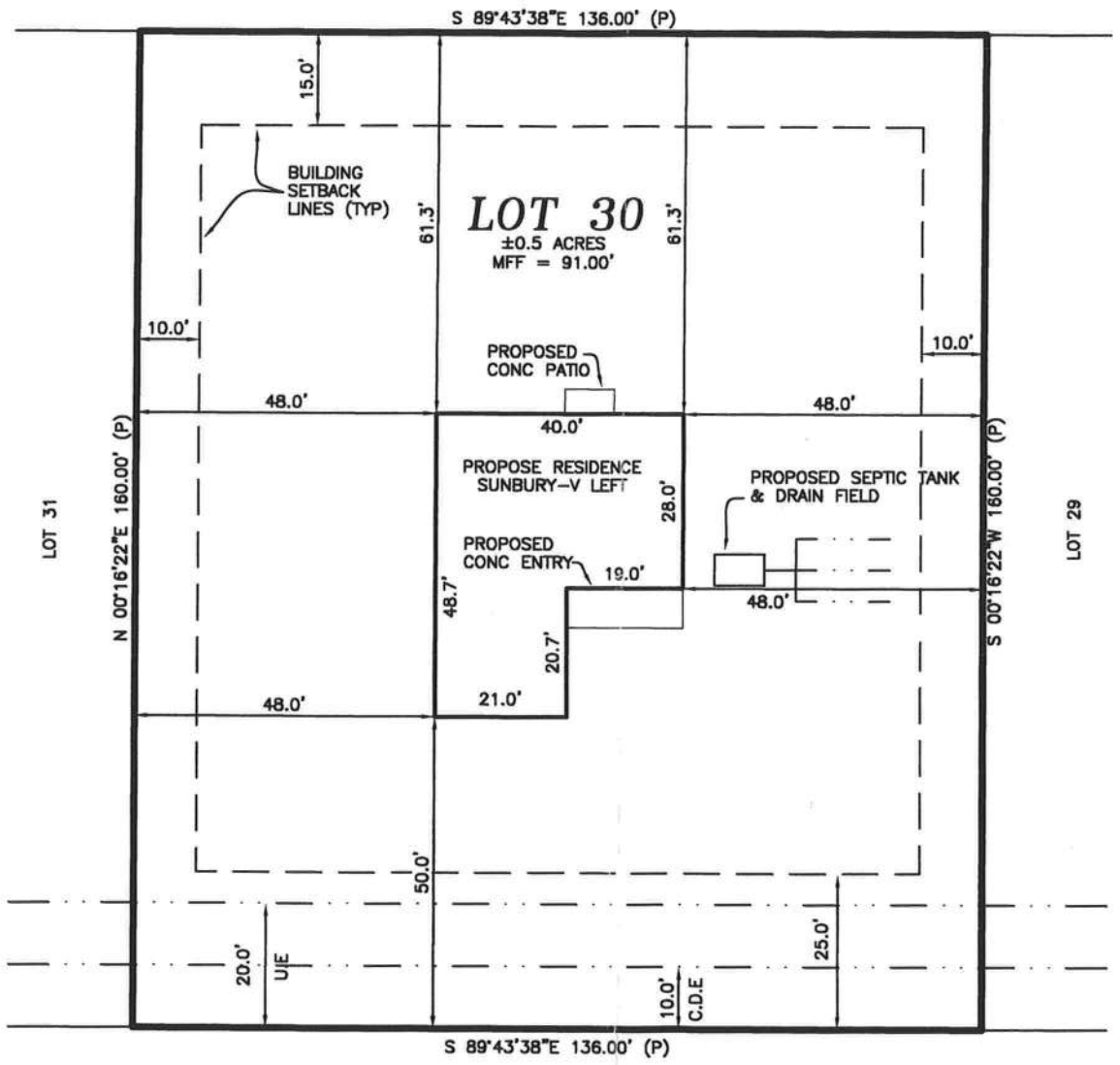
IN SECTION 10, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

LEGAL DESCRIPTION:

LOT THIRTY (30) OF "TIMBERLANDS, PHASE 1" AS PER PLAT THEREOF, AS RECORDED IN PLAT BOOK '9', PAGES 26–27 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

N
W E
S

30 0 30 60 90
1" = 30'



S.W. MULBERRY DRIVE

60' RIGHT–OF–WAY

LEGEND:

- ● = FOUND 1/2" REBAR NO IDENTIFICATION
- ⊙ = FOUND 1/2" REBAR & CAP L.B. 6894
- ○ = SET 1/2" REBAR & CAP L.B. 6894
- ⊗ = FOUND 3/4" IRON PIPE
- ■ = FOUND 4" X 4" CONC. MON. NO IDENTIFICATION
- □ = SET 4" X 4" CONC. MON. P.S.M. 5582
- ⊠ = SET NAIL & DISK P.S.M. 5582
- ✕ = FOUND NAIL & DISK
- ⊠ = FOUND 6" X 6" S.R.D. R/W MON.
- ⊟ = CATV RISER
- ⊡ = TELEPHONE PEDESTAL
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TRANS = TRANSFORMER
TYP = TYPICAL
WM = WATER METER
WV = WATER VALVE

CERTIFIED TO:

1) MARONDA HOMES

BUILDING SETBACK NOTE:

BUILDING SETBACK INFORMATION FOR "TIMBERLANDS" 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.

SURVEYOR NOTES:

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

FLOOD NOTE:

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

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CERTIFICATE OF SURVEYOR:

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

BY: _____
JAMES E. BRINKMAN, PSM – FLA. CERT# 5582

DATE: 8/14/08

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

SCALE: 1" = 30'	"THE BENCHMARK IN QUALITY SERVICE"	DRAWN BY: ZL
DATE: 8/14/08		CHECKED BY: J.B.
FIELD WORK COMPLETED ON **** FIELDBOOK **, PAGE **		
PREPARED FOR: MARONDA		DRAWING NUMBER 176–08