

Maronda Systems

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

PLAN JOB #	LOT	ADDRESS	DIV/SUB	MODEL	
9TM03501	35-1	414 SW Mulberry Dr.	JAX-9TM	BBRM42B Right	BAYBURY 'M' 4BED 2CAR



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

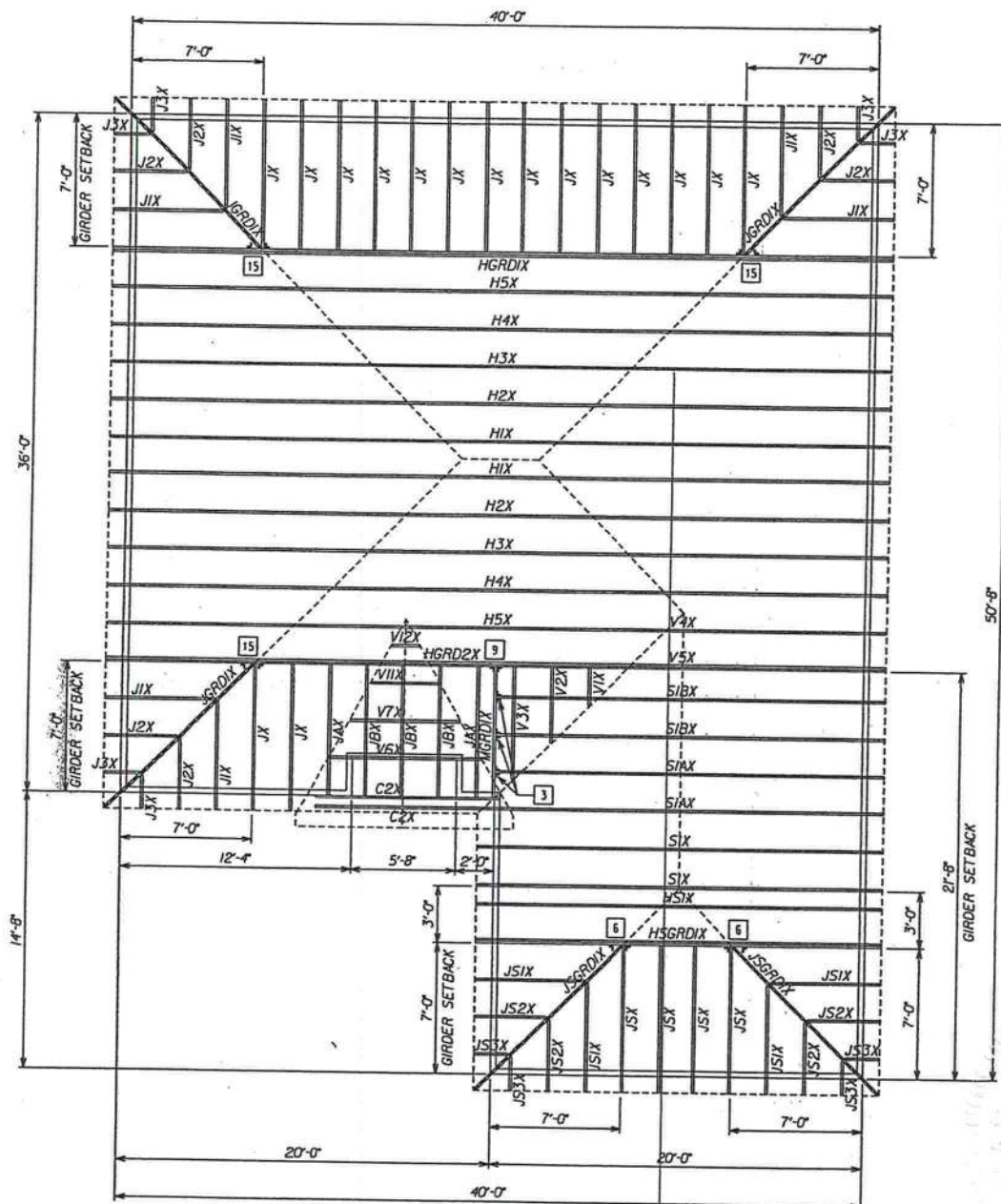
The Truss Engineering package for the above referenced site was generated by the Truss Designer/Architect/MiTek.

I, Tomas Ponce P.E. the Engineer of Record for the above referenced lot Have reviewed the package and confirmed that it matches the physical and structural Parameters found on the set of permit drawings.

Truss ID	Run Date	Drawing Reviewed	Truss ID	Run Date	Drawing Reviewed	No. of Eng. Dwgs:
Layout	09/22/09	09/23/09	V1X	02/04/09	03/12/09	41
BCSI-B1	2008	03/12/09	V2X	02/04/09	03/12/09	Roof Loads- TC Live: 16.0 psf TC Dead: 7.0 psf BC Live: 10.0 psf BC Dead: 10.0 psf Total 43.0 psf
HIP TRUSS	02/09/09	03/12/09	V3X	02/04/09	03/12/09	
VALLEY	12/07/09	06/03/10	V4X	02/04/09	03/12/09	
TOE NAIL	02/09/09	03/12/09	V5X	02/04/09	03/12/09	
H1X	11/10/09	11/12/09	V6X	02/04/09	03/12/09	
H2X	06/03/10	06/03/10	V7X	02/04/09	03/12/09	DurFac- Lbr: 1.25 DurFac- Plt: 1.25 O.C. Spacing: 24.0"
H3X	06/03/10	06/03/10	V11X	02/04/09	03/12/09	
H4X	11/10/09	11/12/09	V12X	02/04/09	03/12/09	
H5X	11/10/09	11/12/09				
HGRD1X	11/10/09	11/12/09				
HGRD2X	11/10/09	11/12/09				Floor Loads- TC Live: 40.0 psf TC Dead: 10.0 psf BC Live: 0.0 psf BC Dead: 5.0 psf Total 55.0 psf DurFac- Lbr: 1.00 DurFac- Plt: 1.00 O.C. Spacing: 24.0"
S1X	06/14/10	06/15/10				
S1AX	02/04/09	03/12/09				
S1BX	02/04/09	03/12/09				
HS1X	11/10/09	11/12/09				
HSGRD1X	06/03/10	06/03/10				 DATE: JAN 25 2011
JGRD1X	11/10/09	11/12/09				
JX	02/04/09	03/12/09				
JAX	02/04/09	03/12/09				
JBX	04/20/09	04/20/09				
J1X	02/04/09	03/12/09				
J2X	02/04/09	03/12/09				
J3X	02/04/09	03/12/09				
JSGRD1X	02/04/09	03/12/09				
JSX	02/05/09	03/12/09				
JS1X	02/04/09	03/12/09				
JS2X	02/04/09	03/12/09	INV #	DESC	QNTY	
JS3X	11/10/09	11/12/09	50060.0114	THD48		
MGRD1X	02/05/09	03/12/09	50060.0071	SUH28	1	
C2X	11/10/09	11/12/09	50060.0110	JUS26	3	
			50060.0058	THJ26	3	
			50060.0272	THD179	1	
			50060.01	SKH26L	1	
			50060.01	SKH26R	1	
			SEAT PLATES			
			FLOOR SEAT PLATES			

HARDWARE LEGEND

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



BAYBURY "M" - FL

GARAGE: RIGHT

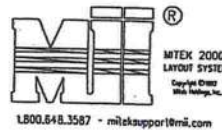


DESIGNER: PARISI
CHECKER: MIKE

DRAWN BY: SARVER

SCALE: 1/8" = 1'-0"
22 SEP 2009

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



WARNING! BCSI-B1 SUMMARY SHEET - GUIDE FOR Spans over 60' may require complex permanent bracing

GENERAL NOTES

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

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

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

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

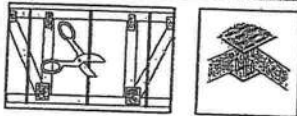
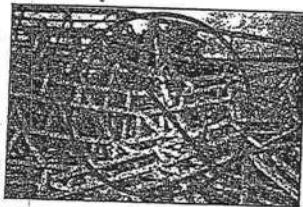
⚠ Banding and truss plates have sharp edges. Wear gloves when handling and safety glasses when cutting banding.

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

NOTAS GENERALES

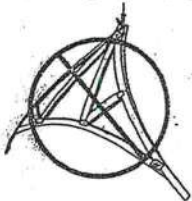
Los trusses no están marcados de ningún modo que identifique la frecuencia o localización de restricción lateral y arrioste diagonal temporales. Use las recomendaciones de manejo, instalación, restricción y arrioste temporal de los trusses. Vea el folleto BCSI Guía de Buena Práctica para el Manejo, Instalación,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

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



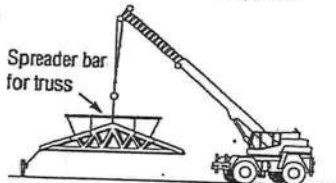
HANDLING — MANEJO

⚠ Avoid lateral bending. — Evite la flexión lateral.



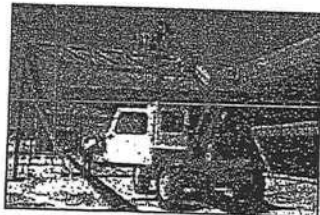
⚠ Use special care in windy weather or near power lines and airports.

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



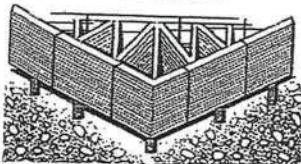
✓ Use proper rigging and hoisting equipment.

Use equipo apropiado para levantar e improvisar.



⚠ 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.

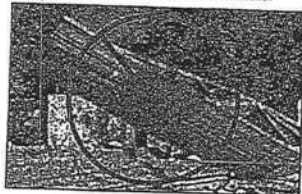
Si los trusses estarán guardados horizontalmente, ponga bloqueando de altura suficiente detrás de la pila de los trusses a 8' hasta 10' pies en el centro.

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

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

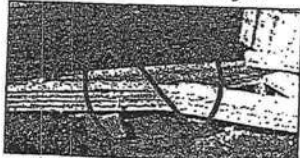
⚠ Do not store unbraced bundles upright.

No almacene verticalmente los trusses sueltos.



⚠ Do not store on uneven ground.

No almacene en tierra desigual.



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

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

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

Nunca use sólo los empaques para levantar un paquete.
No levante un grupo de paquetes empaqueados individualmente.

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

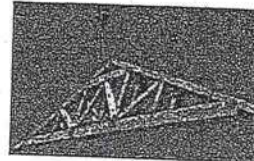
Puede usar un solo lugar de levantar para paquetes de trusses hasta 45 pies.

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

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

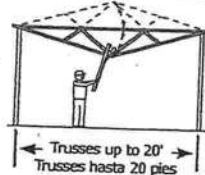
⚠ Warning! Do not over load supporting structure with truss bundle.
¡Advertencia! No sobrecargue la estructura apoyada con el paquete de trusses.

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

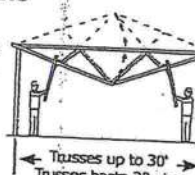


INSTALLATION OF SINGLE TRUSSES BY HAND INSTALACIÓN DE TRUSSES INDIVIDUALES POR LA MANO

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



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

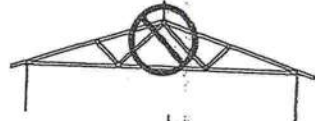


HOISTING OF SINGLE TRUSSES — LEVANTAMIENTO DE TRUSSES INDIVIDUAL

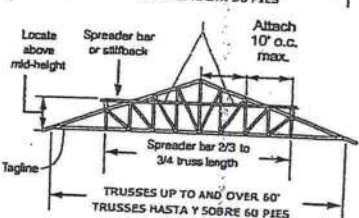
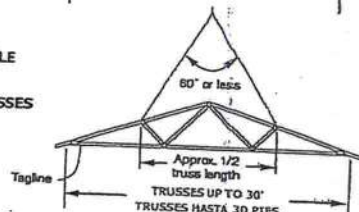
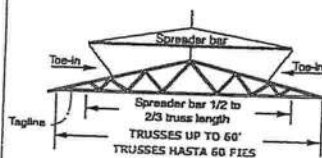
✓ Hold each truss in position with the erection equipment until top chord temporary lateral restraint is installed and use truss is fastened to the bearing points.

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

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



HOISTING RECOMMENDATIONS FOR SINGLE TRUSSES RECOMENDACIONES PARA LEVANTAR TRUSSES INDIVIDUALES



TEMPORARY RESTRAINT & BRACING RESTRICCIÓN Y ARRIOSTRE TEMPORAL

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

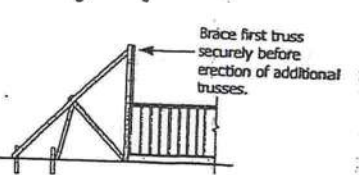
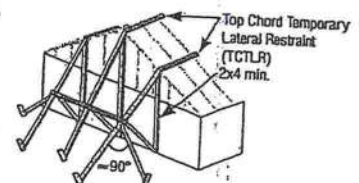
Vea el resumen BCSI-B2 - Instalación de Trusses y Restricción/Arrioste Temporal*** para más información.

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

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



⚠ Do not walk on unbraced trusses.
No camine en trusses sueltos.



HANDLING, INSTALLING, RESTRAINING AND BRACING OF TRUSSES

Please always consult a Professional Engineer.

STEPS TO SETTING TRUSSES

LAS MEDIDAS DE LA INSTALACIÓN DE LOS TRUSSES

- 1) Install ground bracing. 2) Set first truss and attach securely to ground bracing. 3) Set next 4 trusses with short member temporary lateral restraint (see below). 4) Install top chord diagonal bracing (see below). 5) Install web member plane diagonal bracing to stabilize the first five trusses (see below). 6) Install bottom chord temporary lateral restraint and diagonal bracing (see below). 7) Repeat process on groups of four trusses until all trusses are set.

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

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

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

RESTRAINT/BRACING FOR ALL PLANES OF TRUSSES

RESTRICCIÓN/ARRIOSTRE PARA TODOS PLANOS DE TRUSSES

- 1) 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.

1) TOP CHORD — CUERDA SUPERIOR

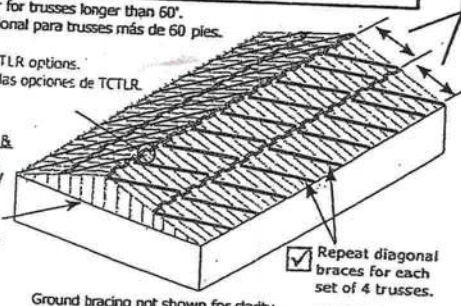
Truss Span Longitud de Tramo	Top Chord Temporary Lateral Restraint (TCLTR) Spacing Espaciamiento del Arriostre Temporal de la Cuerda Superior
Up to 30' Hasta 30 pies	10' o.c. max. 10 pies máximo
30' to 45' 30 a 45 pies	8' o.c. max. 8 pies máximo
45' to 60' 45 a 60 pies	6' o.c. max. 6 pies máximo
60'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

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

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

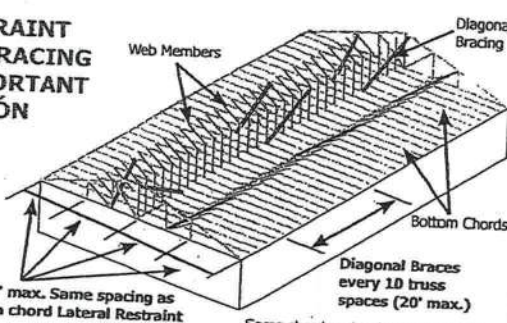
Para información sobre restricción/arriostre/refuerzo para Armazones Hastiales vea el resumen BCSI-B3 - Restricción/Arriostre Permanente de Cuerdas y Miembros Secundarios.***



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

2) WEB MEMBER PLANE — PLANO DE LOS MIEMBROS SECUNDARIOS

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

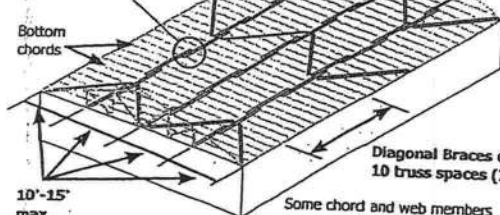


10'-15' max. Same spacing as bottom chord Lateral Restraint

Some chord and web members not shown for clarity.

3) BOTTOM CHORD — CUERDA INFERIOR

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



10'-15' max.

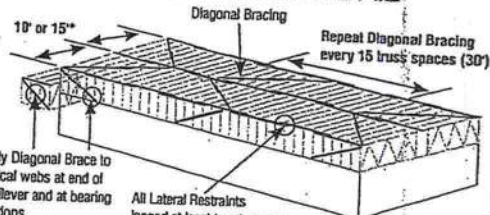
Some chord and web members not shown for clarity.

RESTRAINT & BRACING FOR 3x2 AND 4x2 PARALLEL CHORD TRUSSES

RESTRICCIÓN Y ARRIOSTRE PARA TRUSSES DE CUERDAS PARALELAS 3X2 Y 4X2

- 1) Refer to BCSI-B2 Summary Sheet - Temporary & Permanent Restraint/Bracing for Parallel Chord Trusses*** for more information.

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

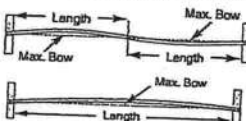


Apply Diagonal Bracing to vertical webs at end of cantilever and at bearing locations.

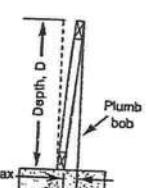
*Top chord Temporary Lateral Restraint spacing shall be 10' o.c. max. for 3x2 chords and 15' o.c. for 4x2 chords.

INSTALLING — INSTALACIÓN

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



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



Out of Plumb		Out of Plane	
D/50	D (ft.)	Max. Bow	Truss Length
1/4"	1'	3/4"	12.5'
1/2"	2'	7/8"	14.6'
3/4"	3'	1"	16.7'
1"	4'	1-1/8"	18.8'
1-1/4"	5'	1-1/4"	20.8'
1-1/2"	6'	1-3/8"	22.9'
1-3/4"	7'	1-1/2"	25.0'
2"	8'	1-3/4"	29.2'
		2"	≥33.3'

CONSTRUCTION LOADING — CARGA DE CONSTRUCCIÓN

- 1) 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.

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

No exceda las alturas máximas de montón. Vea el resumen BCSI-B4 Carga de Construcción*** para más información.

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



- 3) Do not overload small groups or single trusses.
No sobrecargue pequeños grupos o trusses individuales.
- 4) Never stack materials near a peak.
Nunca amontone los materiales cerca de un pico.
- 5) Place loads over as many trusses as possible.
Coloque las cargas sobre tantos trusses como sea posible.
- 6) Position loads over load bearing walls.
Coloque las cargas sobre las paredes soportantes.



ALTERATIONS — ALTERACIONES

- 1) Refer to BCSI-B5 Summary Sheet - Truss Damage, Jobsite Modifications & Installation Errors.***
Vea el resumen BCSI-B5 Daños de Trusses, Modificaciones en la Obra y Errores de Instalación.***

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

No corte, altere o perforo ningún miembro estructural de un truss, a menos que esté específicamente permitido en el Dibujo del Diseño del Truss.

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

Trusses que se han sobrecargado durante la construcción o han sido alterados sin la autorización previa del Fabricante de Trusses, pueden hacer nulo y sin efecto la garantía limitada del Fabricante de Trusses.

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

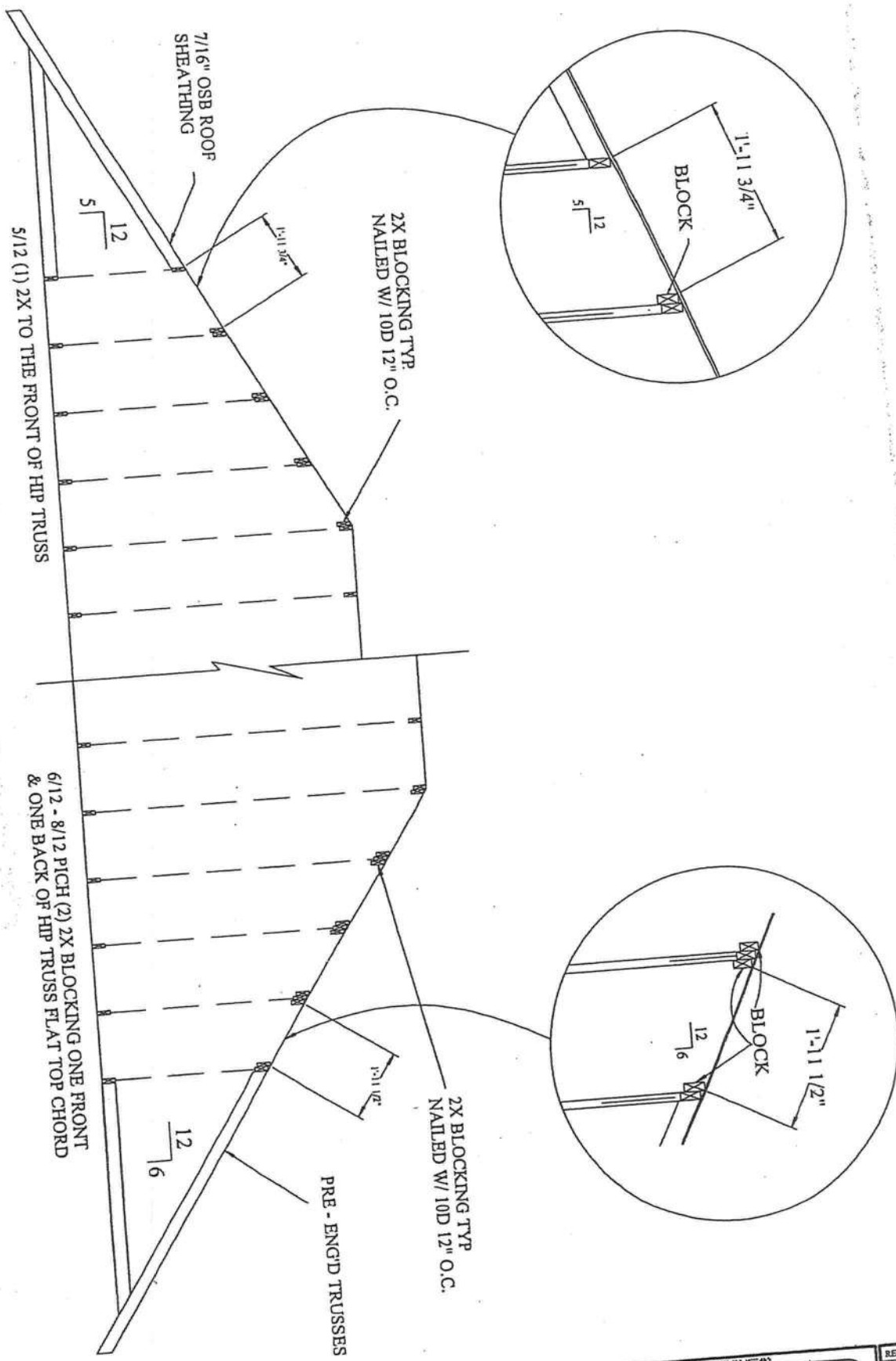
NOTE: The Truss Manufacturer and Truss Designer rely on the presumption that the Contractor and crane operator (if applicable) are professionals with the capability to undertake the work they have agreed to do on any given project. If the Contractor believes it needs assistance in some aspect of the construction project, it should seek assistance from a competent party. The methods and procedures outlined in this document are intended to ensure that the overall construction techniques employed will put the trusses into place SAFELY. These recommendations for handling, installing, restraining and bracing trusses are based upon the collective experience of leading personnel involved with truss design, manufacture and installation. 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 interconnected 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.



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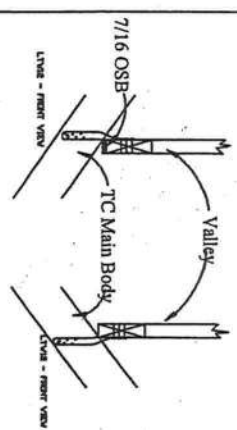
TRUSS PLATE INSTITUTE
218 N. Lee St., Ste. 312 • Alexandria, VA 22314
703/683-1010 • www.tpinet.org



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

SHEET: HBI	TRUSS DETAILS HIP TRUSS BLOCKING		Maronda Homes (407) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA	REVISIONS:
	DRAWN BY:			
	RELEASE DATE: 2/9/09			
	GARAGE:			

NON-BEVELED
BOTTOM CHORD
NON-BEVELED
BOTTOM CHORD
NO-SHEATHING

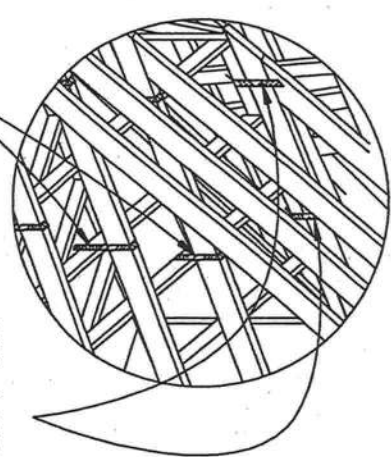


VALLEY CONNECTIONS

(ELEMENTS NOT SHOWN FOR CLARITY)

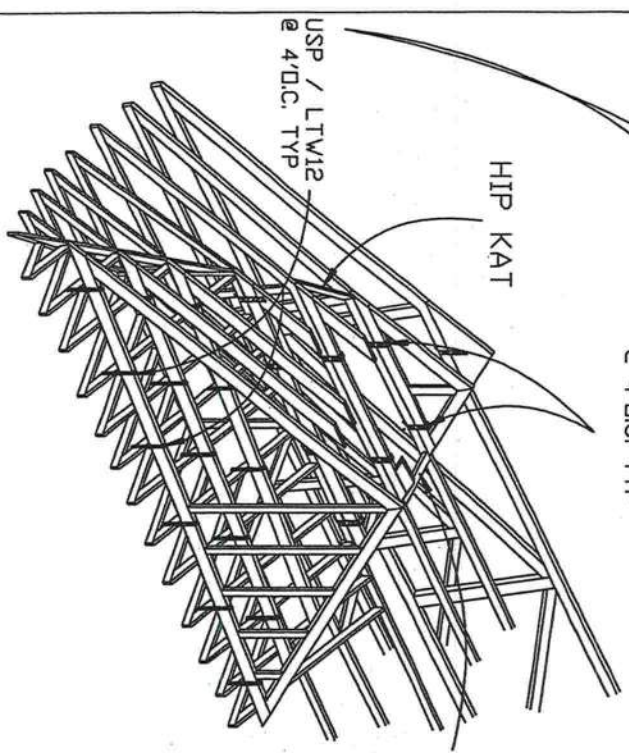
VALLEY KAT

Notes: Valley trusses can be installed either a top main body roof trusses or a top 7/16 sheathing. Connections of strapping remain the same as illustrated. Valley kats are required when a top main body truss option is utilized. See truss engineering and standard details for truss bracing requirements. Main body trusses 2'OC perpendicular to valley is considered to be continuous bearing. If sheathing exists under valleys, Sheathing is not required to be continuous See NON BEVELED BOTTOM CHORD Detail.

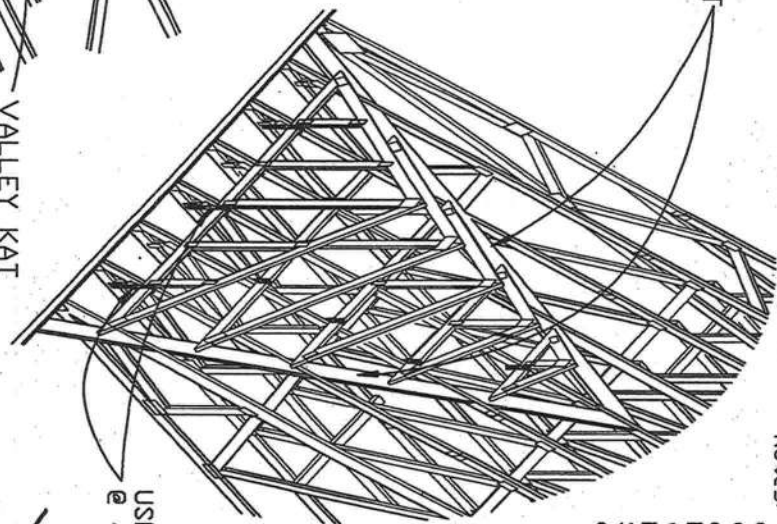


USP / MSTA12
@ 4'D.C. TYP

HIP KAT



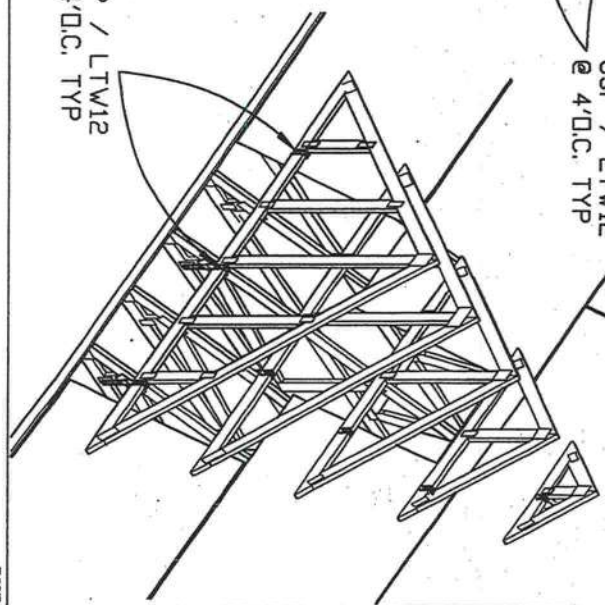
VALLEY KAT



USP / LTW12
@ 4'D.C. TYP

7/16 Sheathing

USP / LTW12
@ 4'D.C. TYP



REVISIONS:	

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Maronda Homes

2507 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

TRUSS DETAILS

VALLEY CONNECTIONS

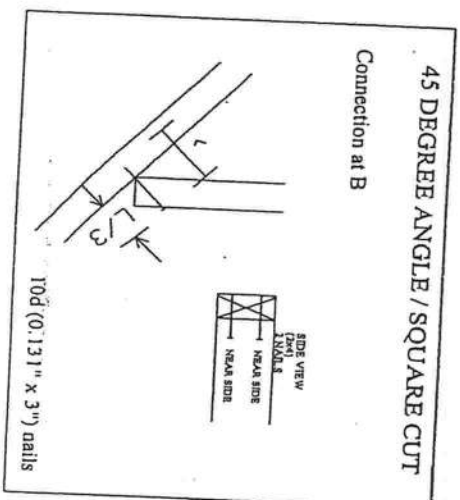
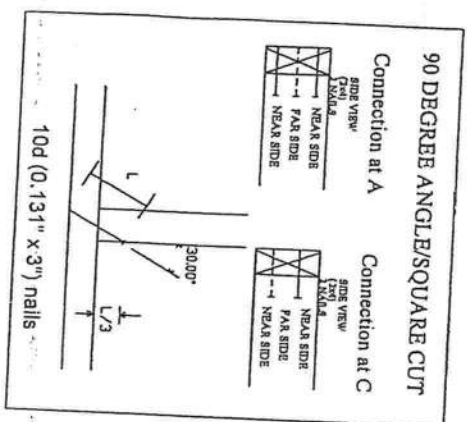
DRAWN BY: **J.FESSIA** GARAGE:

RELEASE DATE: **12/7/09**

SHEET: **VC1**

PLAT DATE:

TYPICAL CORNER FRAMING



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

Wind loading: Basic wind speed is 140 MPH.
Exposure category B or C.
Occupancy category II
4.8 psf top chord dead load.
4.2 psf bottom chord dead load.
25' roof height.
MWPRS: gable and zone.
Encloused building (Case 1).
FRCR-07 TP-02, ASCE 7-05
Duration of load is 1.60
L=NAL LENGTH

TRUSS DETAILS		(907) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA		REVISIONS:
TOE-NAILED CONNECTIONS				
DRAWN BY:	GARAGE:			
RELEASE DATE: 2/9/09				

SHOET:

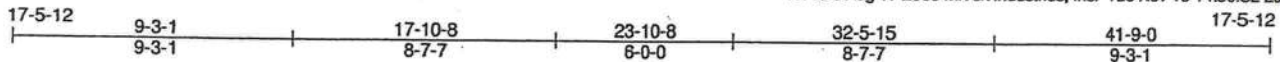
INT

PLOT DATE:

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_FBC_07_
BAYBURY	HIX	HIP	2	1	

Maronda Homes Inc., Sanford, FL

7.140 s Aug 17 2009 MiTek Industries, Inc. Tue Nov 10 14:50:52 2009 Page 1



Scale = 1:71.3

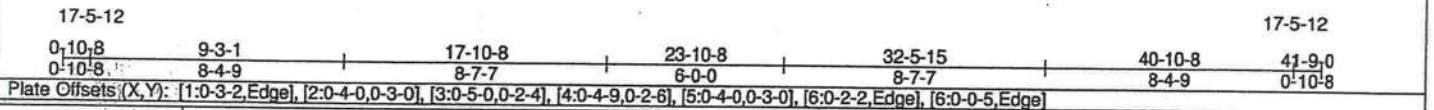
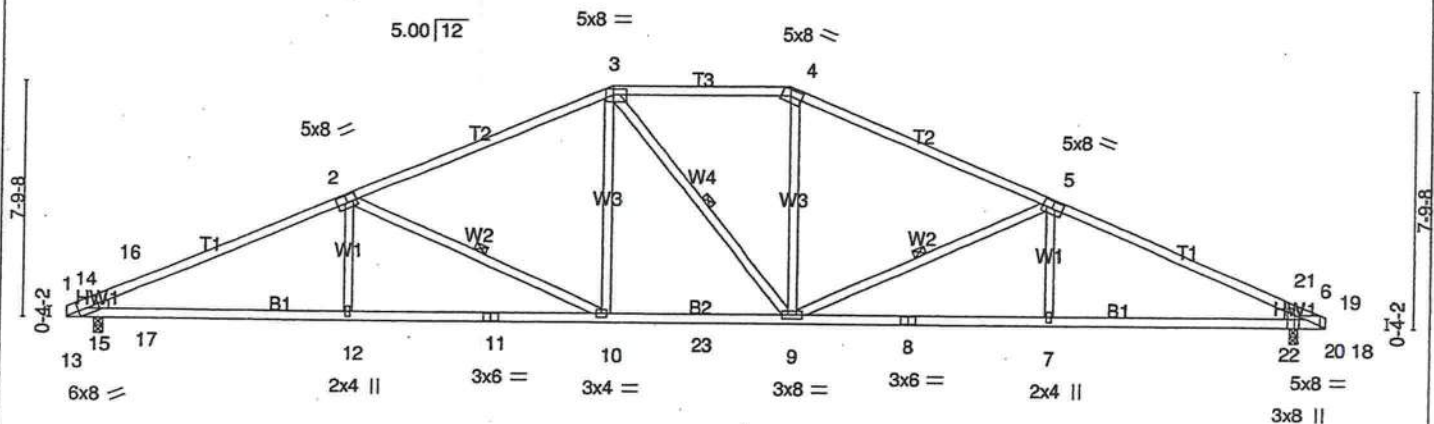


Plate Offsets (X,Y): [1:0-3-2,Edge], [2:0-4-0,0-3-0], [3:0-5-0,0-2-4], [4:0-4-9,0-2-6], [5:0-4-0,0-3-0], [6:0-2-2,Edge], [6:0-0-5,Edge]									
LOADING (psf)		SPACING		CSI		DEFL		PLATES	
TCLL	16.0	Plates Increase	2-0-0	TC	0.73	in (loc)	I/defl	MT20	GRIP
TCDL	7.0	Lumber Increase	1.25	BC	0.85	0.34	10-12		244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Vert(TL)	-0.61		
BCDL	10.0	Code FRC2007/TPI2002		(Matrix-M)		Horz(TL)	0.15		
								Weight: 204 lb	

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

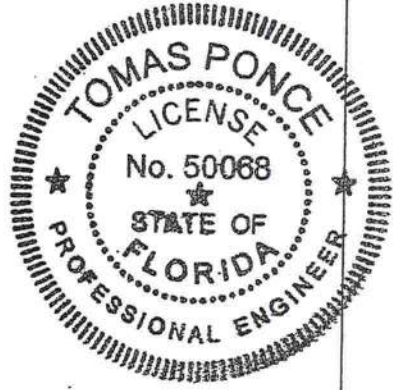
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

REACTIONS (lb/size) 15=1444/0-3-8, 20=1434/0-3-8
Max Horz 15=143(LC 6)
Max Uplift 15=562(LC 6), 20=562(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 14-16=815/353, 2-16=2715/1618, 2-3=2163/1356, 3-4=1894/1341, 4-5=2137/1356, 5-21=2694/1618, 19-21=807/353
BOT CHORD 15-17=516/776, 12-17=1352/2430, 11-12=1348/2433, 10-11=1348/2433, 10-23=904/1917, 9-23=904/1917, 8-9=1348/2413, 7-8=1348/2413, 7-22=1352/2410, 20-22=516/771
WEBS 2-12=0/294, 2-10=575/484, 3-10=134/494, 4-9=134/493, 5-9=579/484, 5-7=0/293, 14-15=616/259, 16-17=347/512, 15-16=1034/605, 14-17=461/866, 19-20=610/259, 21-22=348/512, 20-21=1026/605, 19-22=461/859

- NOTES** (7)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=562, 20=562.
 - 7) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

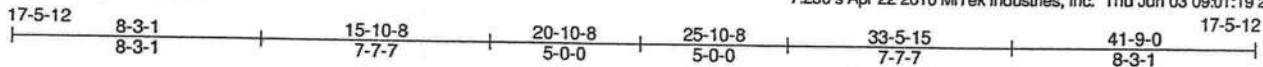


[Handwritten Signature]

NOV 12 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_FBC_07_
BAYBURY	H2X	HIP	2	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

7.230 s Apr 22 2010 MiTek Industries, Inc. Thu Jun 03 09:01:19 2010 Page 1



Scale = 1:72.1

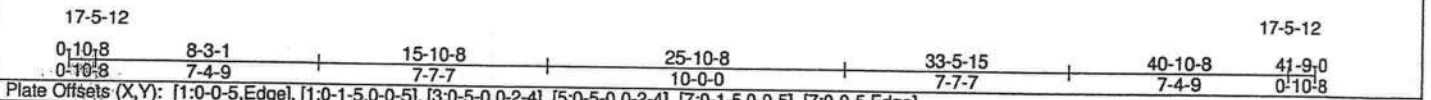
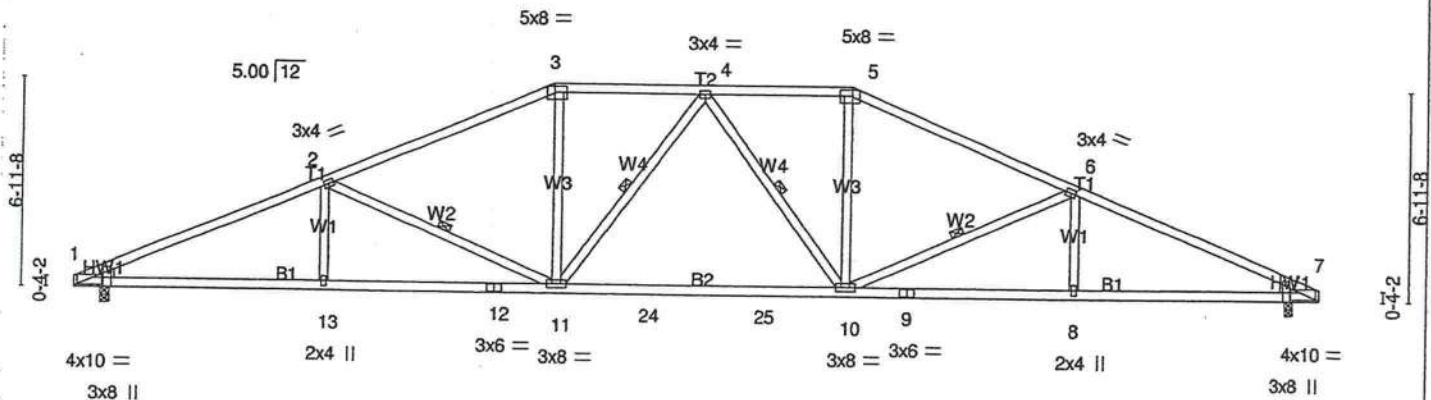


Plate Offsets (X,Y): [1:0-0-5,Edge], [1:0-1-5,0-0-5], [3:0-5-0,0-2-4], [5:0-5-0,0-2-4], [7:0-1-5,0-0-5], [7:0-0-5,Edge]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.86	Vert(LL)	-0.42 10-11	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.90	Vert(TL)	-0.85 10-11	>592	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.12	Horz(TL)	0.15 7	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)						
								Weight: 207 lb	FT = 0%

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD 2 X 4 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 5-5-13 oc bracing.
WEBS 2 X 4 SYP No.2 *Except*	WEBS 1 Row at midpt 2-11, 4-11, 4-10, 6-10
W1: 2 X 4 SYP No.3	
WEDGE	
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3	

REACTIONS (lb/size) 1=1455/0-3-8, 7=1455/0-3-8
Max Horz 1=127(LC 7)
Max Uplift 1=541(LC 6), 7=541(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-1=828/384, 1-2=2729/1643, 2-3=2334/1445, 3-4=2108/1420, 4-5=2108/1420, 5-6=2334/1445, 6-7=2729/1643
BOT CHORD 1-14=502/764, 1-13=1384/2446, 12-13=1384/2446, 11-12=1384/2446, 11-24=1103/2163, 24-25=1103/2163, 10-25=1103/2163, 9-10=1384/2446, 8-9=1384/2446, 7-8=1384/2446
WEBS 2-11=407/389, 3-11=175/534, 5-10=175/534, 6-10=407/389

- NOTES (7)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=541, 21=541.
 - This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TP1-1.

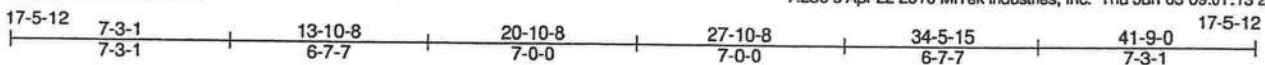
LOAD CASE(S) Standard



[Handwritten Signature]

JUN 03 2010

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_FBC_07_
BAYBURY	H3X	HIP	2	1	Job Reference (optional)
Maronda Homes Inc., Sanford, FL			7.230 s Apr 22 2010 MiTek Industries, Inc. Thu Jun 03 09:01:13 2010 Page 1		



Scale = 1:72.1

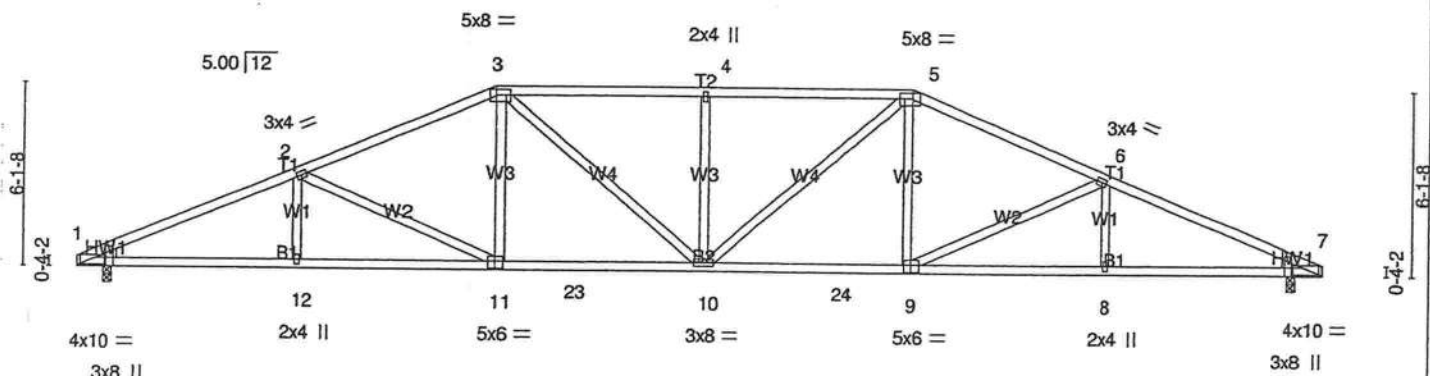
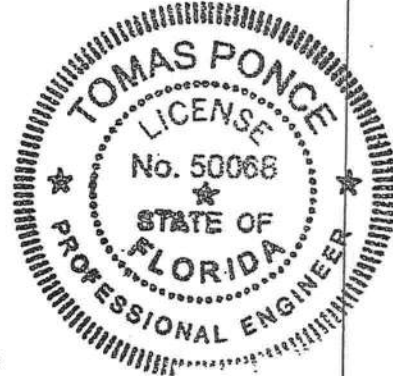


Plate Offsets (X,Y): [1:0-0-5,Edge], [1:0-1-5,0-0-5], [3:0-5-4,0-2-4], [5:0-5-4,0-2-4], [7:0-0-5,Edge], [7:0-1-5,0-0-5], [9:0-3-0,0-3-0], [11:0-3-0,0-3-0]									
LOADING (psf)		SPACING		CSI		DEFL		PLATES	
TCLL	16.0	Plates Increase	2-0-0	TC	0.83	in (loc)	l/defl	L/d	GRIP
TCDL	-7.0	Lumber Increase	1.25	BC	0.93	0.36	10	>999	244/190
BCLL	-0.0	Rep Stress Incr	YES	WB	0.29	-0.57	10-11	>881	
BCDL	10.0	Code FRC2007/TPI2002		(Matrix-M)		0.16	7	n/a	
								Weight: 210 lb	FT = 0%

LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2	TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD	2 X 4 SYP No.1D *Except*	BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	2 X 4 SYP No.3 *Except*		
WEDGE	W2,W4: 2 X 4 SYP No.2		
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3			
REACTIONS (lb/size)			
1=1477/0-3-8, 7=1477/0-3-8			
Max Horz 1=-111(LC 7)			
Max Uplift 1=-519(LC 6), 7=-519(LC 7)			
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.			
TOP CHORD			
1-1=-849/426, 1-2=-2769/1659, 2-3=-2492/1552, 3-4=-2545/1690, 4-5=-2545/1690,			
5-6=-2492/1552, 6-7=-2769/1659			
BOT CHORD			
1-13=-490/772, 1-12=-1407/2484, 11-12=-1407/2484, 11-23=-1170/2266,			
10-23=-1170/2266, 10-24=-1170/2266, 9-24=-1170/2266, 8-9=-1407/2484, 7-8=-1407/2484			
WEBS			
2-11=-260/297, 3-11=-65/398, 3-10=-235/489, 4-10=-322/382, 5-10=-235/489,			
5-9=-65/398, 6-9=-260/297			

- NOTES** (7)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 519 lb uplift at joint 15 and 519 lb uplift at joint 20.
 - 7) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

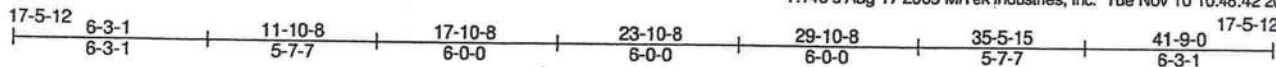
LOAD CASE(S) Standard



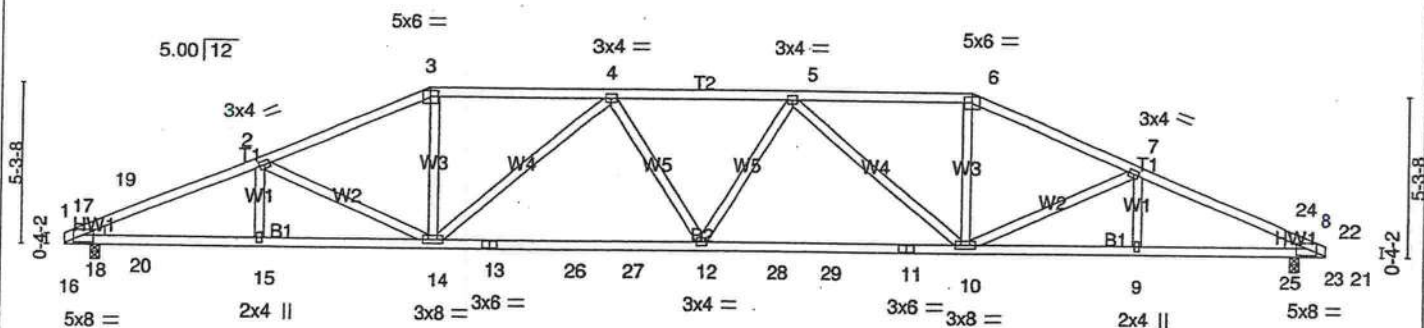
JUN 03 2010

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_FBC_07_
BAYBURY	H4X	HIP	2	1	

Maronda Homes Inc., Sanford, FL 7.140 s Aug 17 2009 MITek Industries, Inc. Tue Nov 10 10:46:42 2009 Page 1



Scale = 1:71.2



17-5-12

17-5-12

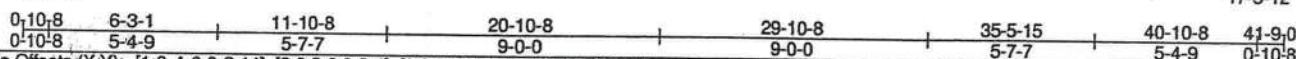


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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.77	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.91	Vert(LL) 0.40 12 >999 360		
BCLL 0.0	Lumber Increase 1.25	WB 0.65	Vert(TL) -0.70 12-14 >712 240		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.17 8 n/a n/a		
	Code FRC2007/TPI2002				
					Weight: 207 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D *Except*
B2: 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W4: 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

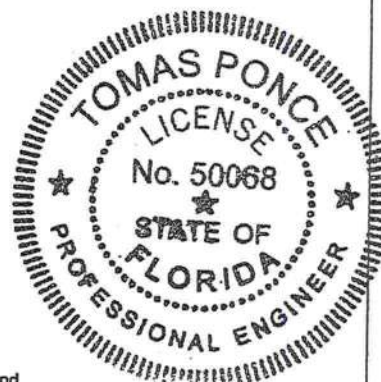
BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-11-3 oc bracing.

REACTIONS (lb/size) 18=1451/0-3-8, 23=1451/0-3-8
Max Horz 18=95(LC 6)
Max Uplift 18=542(LC 5), 23=542(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 17-19=839/463, 2-19=2676/1668, 2-3=2549/1631, 3-4=2347/1582, 4-5=2906/1880,
5-6=2347/1582, 6-7=2549/1631, 7-24=2676/1668, 22-24=839/463
BOT CHORD 18-20=479/743, 15-20=1423/2399, 14-15=1423/2399, 13-14=1620/2822,
13-26=1620/2822, 26-27=1620/2822, 12-27=1620/2822, 12-28=1620/2822,
28-29=1620/2822, 11-29=1620/2822, 10-11=1620/2822, 9-10=1423/2399,
9-25=1423/2399, 23-25=479/743
WEBS 3-14=290/660, 4-14=717/431, 5-10=717/431, 6-10=290/660, 17-18=660/368,
19-20=220/285, 18-19=1043/640, 17-20=490/853, 22-23=660/368, 24-25=219/285,
23-24=1043/640, 22-25=490/853

- NOTES** (7)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 18=542, 23=542.
7) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

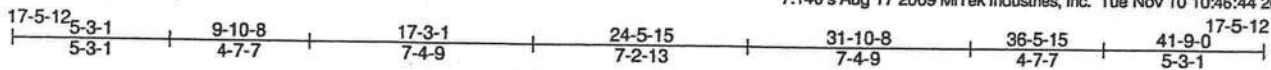


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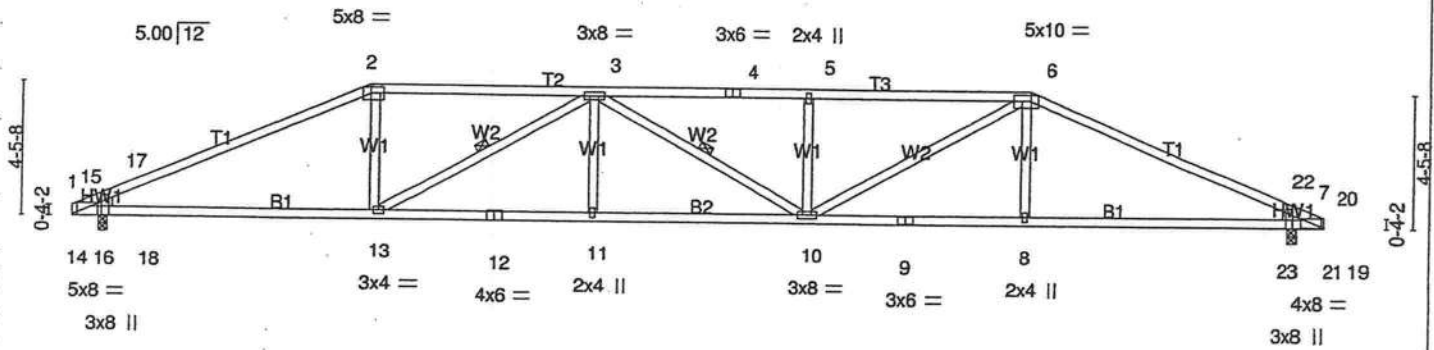
NOV 12 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_A_FBC_07_
BAYBURY	H5X	HIP	2	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

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Scale = 1:71.8



17-5-12	9-10-8	17-3-1	24-5-15	31-10-8	40-10-8	41-9-0
0-10-8	9-0-0	7-4-9	7-2-13	7-4-9	9-0-0	0-10-8

Plate Offsets (X,Y): [1:0-0-5,Edge], [1:0-2-2,Edge], [2:0-5-0,0-2-4], [6:0-7-0,0-2-4], [7:0-0-13,0-0-3], [7:0-0-5,Edge]						
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	L/d
TCLL 16.0	Plates Increase	1.25	TC 0.71	Vert(LL)	0.48 10-11	>999 360
TCDL 7.0	Lumber Increase	1.25	BC 0.82	Vert(TL)	-0.70 10-11	>714 240
BCLL 0.0	Rep Stress Incr	YES	WB 0.71	Horz(TL)	0.17 7	n/a n/a
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)			
			PLATES GRIP			
			MT20 244/190			
			Weight: 188 lb			

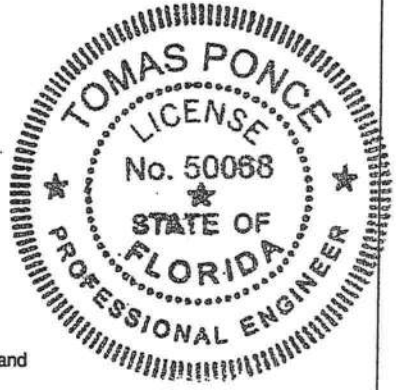
LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.1D *Except*	TOP CHORD Structural wood sheathing directly applied or 3-0-12 oc purtins.
T2,T3: 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 4-5-9 oc bracing.
BOT CHORD 2 X 4 SYP No.1D *Except*	WEBS 1 Row at midpt 3-13, 3-10
B2: 2 X 4 SYP No.2	
WEBS 2 X 4 SYP No.3 *Except*	
W2: 2 X 4 SYP No.2	
WEDGE	
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3	

REACTIONS	(lb/size) 16=1378/0-3-8, 21=1378/0-3-8
	Max Horz 16=79(LC 7)
	Max Uplift 16=569(LC 5), 21=569(LC 4)

FORCES (lb)	- Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	15-17=749/308, 2-17=2532/1701, 2-3=2277/1663, 3-4=3124/2247, 4-5=3124/2247, 5-6=3125/2247, 6-22=2532/1702, 20-22=748/308
BOT CHORD	16-18=579/747, 13-18=1413/2255, 12-13=2007/3125, 11-12=2007/3125, 10-11=2007/3125, 9-10=1411/2260, 8-9=1411/2260, 8-23=1414/2256, 21-23=579/747
WEBS	2-13=238/685, 3-13=1097/675, 3-11=0/291, 5-10=363/401, 6-10=682/1113, 6-8=0/288, 15-16=583/212, 17-18=397/677, 16-17=969/634, 15-18=479/803, 20-21=583/211, 22-23=398/677, 21-22=969/634, 20-23=479/803

- NOTES (7)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=569, 21=569.
 - This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



Handwritten signature of Tomas Ponce.

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Job BAYBURY	Truss HGRD1X	Truss Type HIP	Qty 1	Ply 2	BAYBURY_FL_A_FBC_07_
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Maronda Homes Inc., Sanford, FL

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Job Reference (optional)

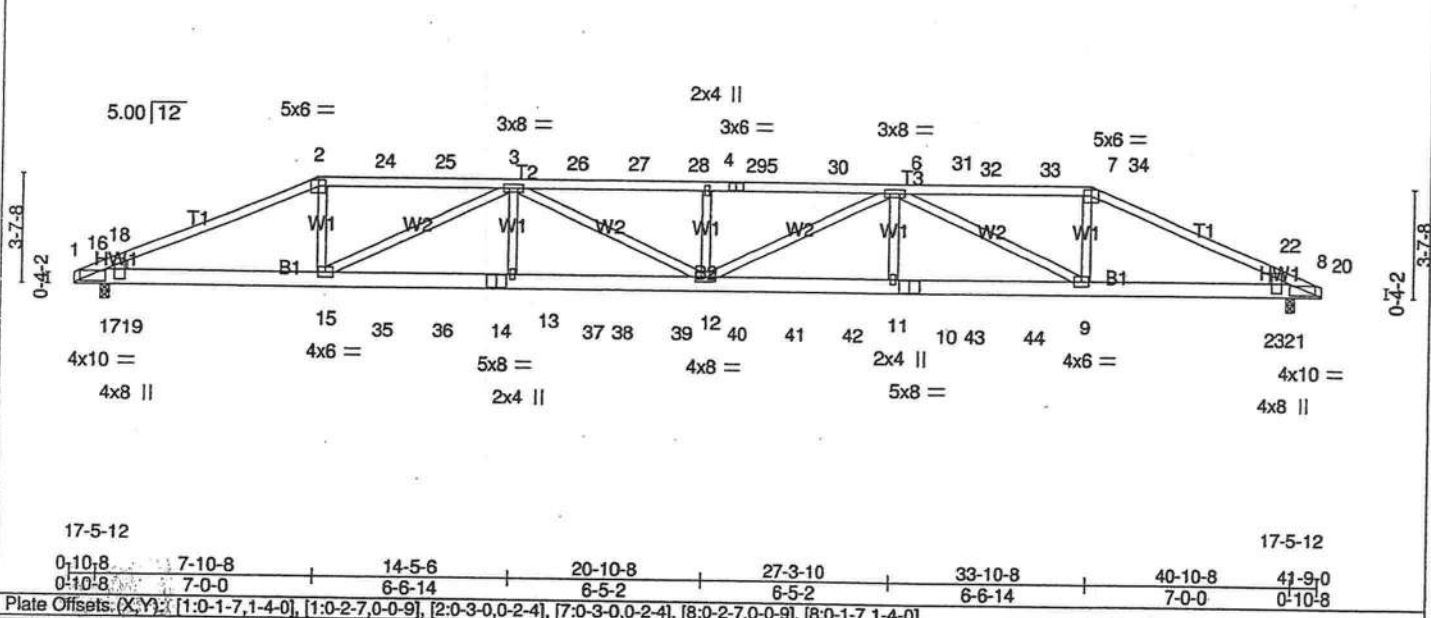
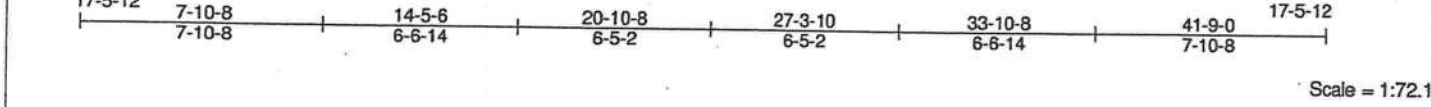


Plate Offsets: (X,Y): [1:0-1-7,1-4-0], [1:0-2-7,0-0-9], [2:0-3-0,0-2-4], [7:0-3-0,0-2-4], [8:0-2-7,0-0-9], [8:0-1-7,1-4-0]											
LOADING (psf)		SPACING 2-0-0		CSI		DEFL in (loc) l/defl L/d				PLATES GRIP	
TCLL	16.0	Plates Increase	1.25	TC	0.59	Vert(LL)	0.65	12	>772	360	MT20 244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.76	Vert(TL)	-0.88	12	>567	240	
BCLL	0.0	Rep Stress Incr	NO	WB	0.59	Horz(TL)	0.15	8	n/a	n/a	
BCDL	10.0	Code FRC2007/TP12002		(Matrix-M)							Weight: 451 lb

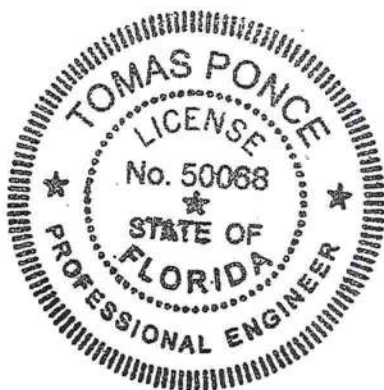
LUMBER
 TOP CHORD: 2 X 4 SYP No.2
 BOT CHORD: 2 X 6 SYP No.1D
 WEBS: 2 X 4 SYP No.3 *Except*
 W2: 2 X 4 SYP No.2
WEDGE
 Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
 TOP CHORD: Structural wood sheathing directly applied or 4-1-5 oc purlins.
 BOT CHORD: Rigid ceiling directly applied or 7-7-12 oc bracing.

REACTIONS (lb/size) 17=2931/0-3-8, 21=2932/0-3-8
 Max Horz 17=63(LC 6)
 Max Uplift 17=1781(LC 4), 21=1781(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-16=584/370, 16-18=3050/1913, 2-18=5988/3817, 2-24=5544/3604, 24-25=5543/3604, 25-26=5543/3604, 3-26=5543/3604, 3-27=9401/6104, 27-28=9401/6104, 28-29=9401/6104, 4-29=9401/6104, 4-5=9401/6104, 5-30=9401/6104, 30-31=9401/6104, 6-31=9401/6104, 6-32=5543/3604, 32-33=5544/3604, 33-34=5544/3604, 7-34=5544/3604, 7-22=5988/3817, 20-22=3050/1913, 8-20=584/370
BOT CHORD 1-17=309/494, 17-19=1578/2511, 15-19=3426/5453, 15-35=5485/8620, 35-36=5485/8620, 14-36=5485/8620, 13-14=5485/8620, 13-37=5485/8620, 37-38=5485/8620, 38-39=5485/8620, 12-39=5485/8620, 12-40=5484/8621, 40-41=5484/8621, 41-42=5484/8621, 11-42=5484/8621, 10-11=5484/8621, 10-43=5484/8621, 43-44=5484/8621, 9-44=5484/8621, 9-23=3424/5453, 21-23=1576/2511, 8-21=309/494
WEBS 2-15=1186/2030, 3-15=3521/2251, 3-13=300/837, 3-12=556/909, 4-12=349/401, 6-12=555/908, 6-11=300/837, 6-9=3521/2251, 7-9=1186/2030, 16-17=1672/1031, 18-19=93/405, 17-18=2074/1305, 16-19=1183/1897, 20-21=1672/1031, 22-23=92/405, 21-22=2074/1305, 20-23=1183/1897

- NOTES** (10)
 1) 2-ply truss to be connected together with 10d (0.120"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 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); cantilever left and right exposed; 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.



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Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_A_FBC_07_
BAYBURY	HGRD1X	HIP	1	2	Job Reference (optional)

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NOTES (10)
 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 17=1781, 21=1781.
 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 26 lb down and 64 lb up at 7-10-8, 26 lb down and 64 lb up at 9-11-4, 26 lb down and 64 lb up at 11-11-4, 26 lb down and 64 lb up at 13-11-4, 26 lb down and 64 lb up at 15-11-4, 26 lb down and 64 lb up at 17-11-4, 26 lb down and 64 lb up at 19-11-4, 26 lb down and 64 lb up at 21-9-12, 26 lb down and 64 lb up at 23-9-12, 26 lb down and 64 lb up at 25-9-12, 26 lb down and 64 lb up at 27-9-12, 26 lb down and 64 lb up at 29-9-12, and 26 lb down and 64 lb up at 31-9-12, and 26 lb down and 64 lb up at 33-10-8 on top chord, and 573 lb down and 417 lb up at 7-10-8, 133 lb down and 75 lb up at 9-11-4, 133 lb down and 75 lb up at 11-11-4, 133 lb down and 75 lb up at 13-11-4, 133 lb down and 75 lb up at 15-11-4, 133 lb down and 75 lb up at 17-11-4, 133 lb down and 75 lb up at 19-11-4, 133 lb down and 75 lb up at 21-9-12, 133 lb down and 75 lb up at 23-9-12, 133 lb down and 75 lb up at 25-9-12, 133 lb down and 75 lb up at 27-9-12, 133 lb down and 75 lb up at 29-9-12, and 133 lb down and 75 lb up at 31-9-12, and 573 lb down and 417 lb up at 33-9-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 10) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-46, 2-7=-46, 7-8=-46, 1-8=-20
 Concentrated Loads (lb)
 Vert: 2=-26(F) 5=-26(F) 7=-26(F) 14=-133(F) 15=-573(F) 9=-573(F) 10=-133(F) 24=-26(F) 25=-26(F) 26=-26(F) 27=-26(F) 28=-26(F) 29=-26(F) 30=-26(F) 31=-26(F) 32=-26(F) 33=-26(F) 34=-26(F) 35=-133(F) 36=-133(F) 37=-133(F) 38=-133(F) 39=-133(F) 40=-133(F) 41=-133(F) 42=-133(F) 43=-133(F) 44=-133(F)



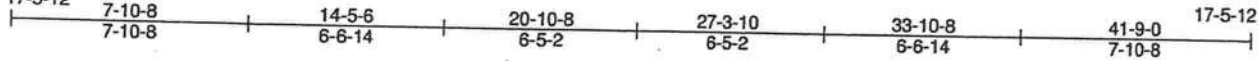
A handwritten signature in black ink, appearing to be "T. Ponce", written over a horizontal line.

NOV 12 2009

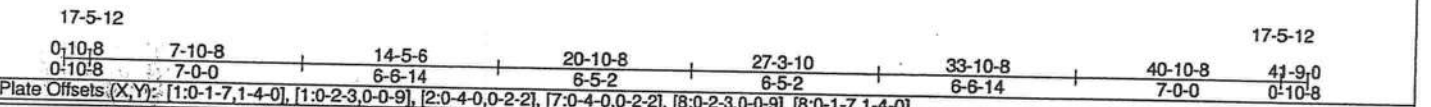
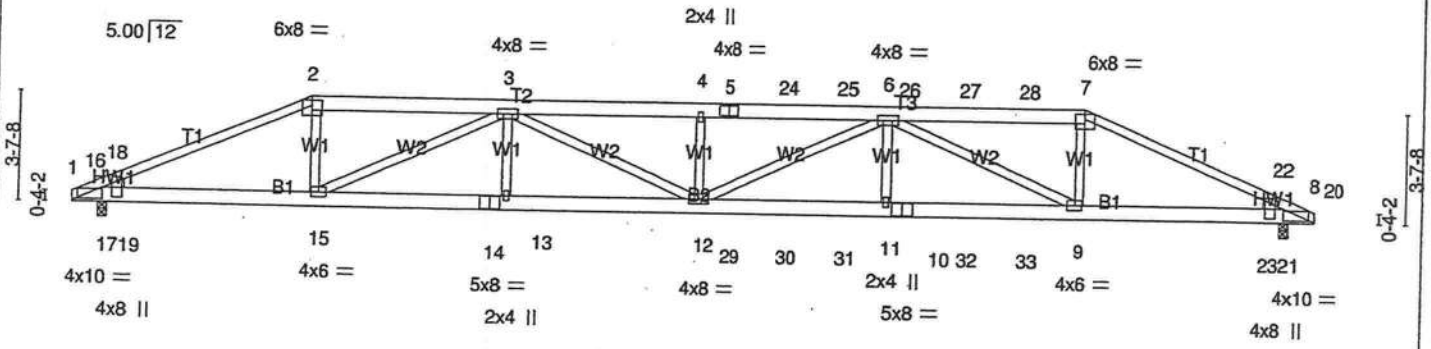
Job BAYBURY	Truss HGRD2X	Truss Type HIP	Qty 1	Ply 2	BAYBURY_FL_A_FBC_07_
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Maronda Homes Inc., Sanford, FL

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MITek Industries, Inc.
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Page 1



Scale = 1:72.2



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.57	Vert(LL)	0.50	12	>999	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.75	Vert(TL)	-0.74	11-12	>675		
BCLL 0.0	Rep Stress Incr	NO	WB 0.63	Horz(TL)	0.14	8	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)						

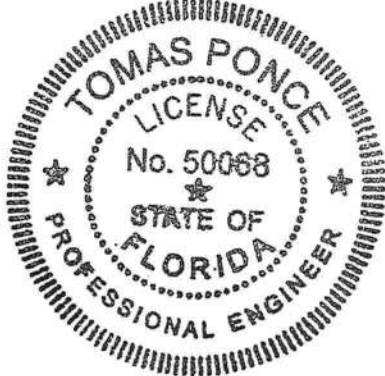
Weight: 492 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2 *Except* T2,T3: 2 X 6 SYP No.2	TOP CHORD BOT CHORD
BOT CHORD 2 X 6 SYP No.1D	Structural wood sheathing directly applied or 4-9-2 oc purlins.
WEBS 2 X 4 SYP No.3 *Except* W2: 2 X 4 SYP No.2	Rigid ceiling directly applied or 8-0-2 oc bracing.
WEDGE	
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3	

REACTIONS (lb/size) 17=2306/0-3-8, 21=2889/0-3-8
Max Horz 17=62(LC 5)
Max Uplift 17=-1178(LC 4), 21=-1614(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD
1-16=445/235, 16-18=2315/1196, 2-18=4622/2489, 2-3=4276/2365, 3-4=9859/5672,
4-5=9859/5672, 5-24=9859/5672, 24-25=9859/5672, 6-25=9859/5672, 6-26=5497/3266,
26-27=5496/3265, 27-28=5495/3265, 7-28=5494/3264, 7-22=5930/3455,
20-22=3002/1711, 8-20=576/333
BOT CHORD
1-17=192/374, 17-19=1015/1932, 15-19=2208/4205, 14-15=4208/7661,
13-14=4208/7661, 12-13=4208/7661, 12-29=5042/8676, 29-30=5042/8676,
30-31=5042/8676, 11-31=5042/8676, 10-11=5042/8676, 10-32=5042/8676,
32-33=5042/8676, 9-33=5042/8676, 9-23=3097/5409, 21-23=1421/2482, 8-21=276/486
WEBS
2-15=756/1557, 3-15=3858/2194, 3-13=0/334, 3-12=1508/2482, 4-12=1518/1002,
6-12=567/1350, 6-11=0/549, 6-9=3630/2123, 7-9=947/1904, 16-17=1259/627,
18-19=0/257, 17-18=1599/843, 16-19=751/1456, 20-21=1633/912, 22-23=47/357,
21-22=2051/1178, 20-23=1066/1880

- NOTES (10)
- 2-ply truss to be connected together with 10d (0.120"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb)
17=1178, 21=1614.



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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_FBC_07_
BAYBURY	HGRD2X	HIP	1	2	Job Reference (optional)

NOTES (10)

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 95 lb down and 126 lb up at 21-9-12, 43 lb down and 119 lb up at 23-9-12, 43 lb down and 119 lb up at 25-9-12, 43 lb down and 119 lb up at 27-9-12, 95 lb down and 126 lb up at 29-9-12, 95 lb down and 126 lb up at 31-9-12, and 95 lb down and 126 lb up at 33-10-8, and 1173 lb down and 597 lb up at 20-11-4 on top chord, and 97 lb down and 47 lb up at 20-11-4, 76 lb down at 21-9-12, 38 lb down at 23-9-12, 38 lb down at 25-9-12, 38 lb down at 27-9-12, 76 lb down at 29-9-12, and 76 lb down at 31-9-12, and 492 lb down and 321 lb up at 33-9-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

10) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

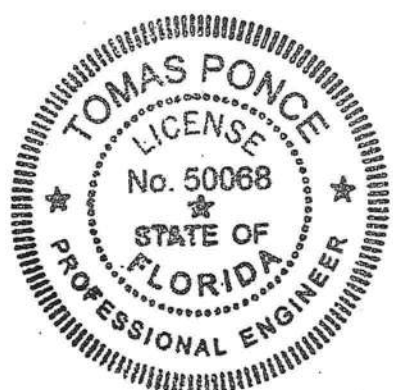
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-2=-46, 2-7=-46, 7-8=-46, 1-8=-20

Concentrated Loads (lb)

Vert: 5=-95(F) 7=-95(F) 12=-49(F) 4=-1173(F) 9=-492(F) 10=-19(F) 24=-43(F) 25=-43(F) 26=-43(F) 27=-95(F) 28=-95(F) 29=-53(F) 30=-19(F) 31=-19(F) 32=-53(F) 33=-53(F)



[Signature]
NOV 12 2009

Job BAYBURY	Truss S1X	Truss Type SPECIAL	City 2	Ply 1	BAYBURY_FL_A_FBC_07
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		
			7.230 s Apr 22 2010 MiTek Industries, Inc. Mon Jun 14 15:40:27 2010 Page 1		

Scale = 1:35.8

Plate Offsets (X,Y): [1:0-3-9,Edge], [7:0-3-9,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.40	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.71	Vert(LL) 0.19 8 >999 360		
BCLL 0.0	Lumber Increase 1.25	WB 0.16	Vert(TL) -0.35 8-15 >747 240		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.16 7 n/a n/a		
	Code FRC2007/TPI2002			Weight: 96 lb	FT = 0%

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.2

SLIDER Left 2 X 4 SYP No.2 3-0-9, Right 2 X 4 SYP No.2 3-0-9

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-3-13 oc purlins.

BOT CHORD Rigid ceiling directly applied or 6-3-13 oc bracing.

REACTIONS (lb/size) 1=671/0-3-8, 7=671/0-3-8

Max Horz 1=79(LC 6)

Max Uplift 1=-264(LC 6), 7=-264(LC 7)

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

TOP CHORD 1-2=-640/0, 2-3=-1669/1101, 3-4=-1491/841, 4-5=-1491/841, 5-6=-1669/1101, 6-7=-640/0

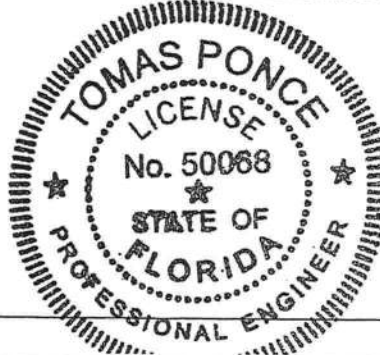
BOT CHORD 1-1=-916/1568, 1-8=-943/1538, 7-8=-943/1568

WEBS 4-8=-313/848, 5-8=-229/345, 3-8=-229/328

NOTES (7)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 5) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=264, 14=264.
- 7) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



JUN 15 2010

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	S1AX	SPECIAL	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

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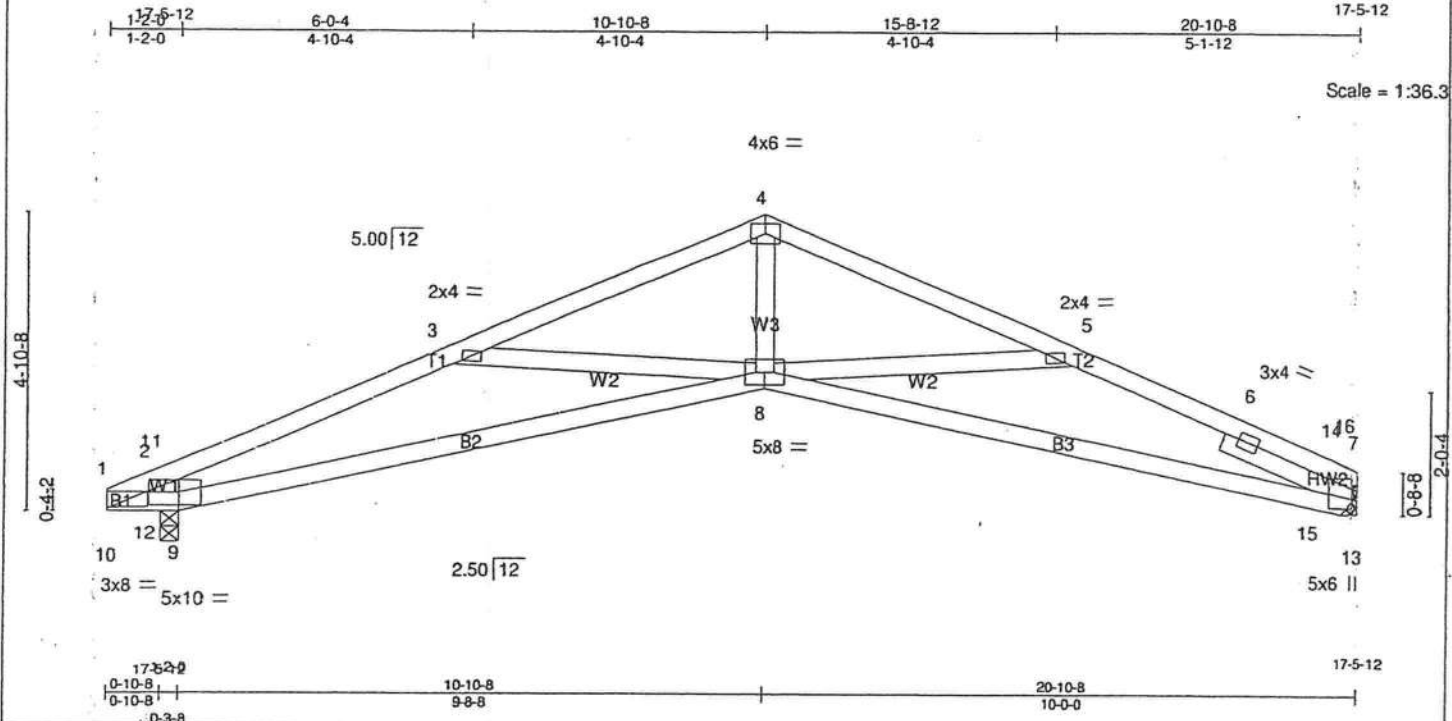


Plate Offsets (X,Y): [1:0-8-1,0-0-5], [7:0-2-10,0-1-2], [9:0-5-12,0-2-8]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc) l/defl L/d
TCLL 16.0	Plates Increase	1.25	TC 0.68	Vert(LL) 0.25	8-15 >938 360
TCDL 7.0	Lumber Increase	1.25	BC 0.88	Vert(TL) -0.39	8-15 >611 240
BCLL 0.0	Rep Stress Incr	YES	WB 0.28	Horz(TL) 0.18	7 n/a n/a
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)		
					PLATES GRIP
					MT20 244/190
					Weight: 88 lb

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-3-12 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 5-3-7 oc bracing.
WEBS 2 X 4 SYP No.3 *Except*	
W1: 2 X 6 SYP No.2	
SLIDER Right 2 X 4 SYP No.3 2-6-0	
REACTIONS (lb/size) 9=715/0-1-8 (input: 0-3-8), 13=663/Mechanical	
Max Horz 9=99(LC 6)	
Max Uplift 9=-351(LC 6), 13=-282(LC 7)	
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	1-11=-605/585, 2-11=-1860/1262, 2-3=-1802/1190, 3-4=-1539/869, 4-5=-1541/870, 5-6=-1761/1157, 6-14=-813/111, 7-14=-859/86
BOT CHORD	10-12=-795/836, 9-12=-1409/1855, 8-9=-1033/1643, 8-15=-992/1634, 13-15=-448/499
WEBS	2-9=-553/897, 3-8=-274/385, 4-8=-337/868, 5-8=-273/362, 1-10=-367/368, 11-12=-649/0, 10-11=-1488/1399, 1-12=-1657/1761, 6-16=-1209/1056, 7-13=-490/130, 7-16=0/599, 13-16=-391/416

- NOTES
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=351, 13=282.

LOAD CASE(S) Standard



FEB 24 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	S1BX	SPECIAL	2	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

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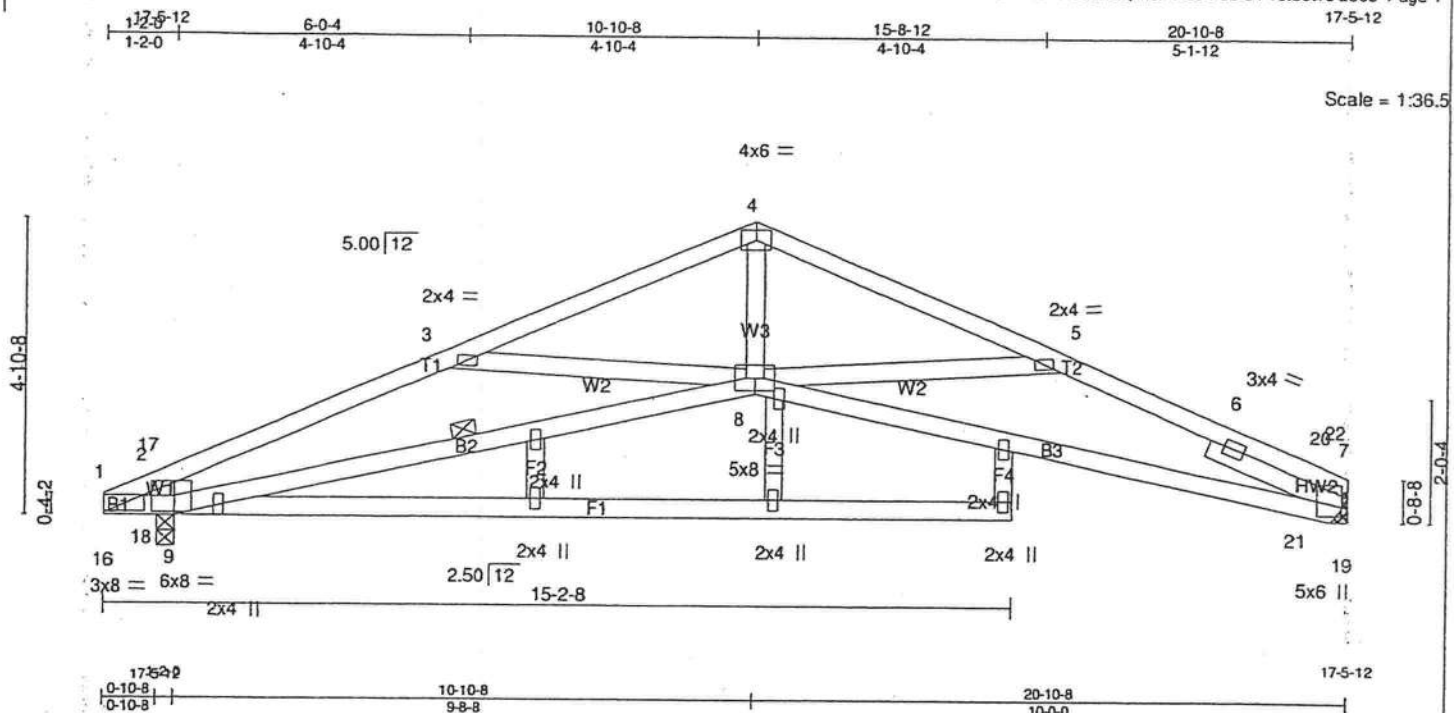


Plate Offsets (X,Y): [1:0-8,1,0-0-5], [7:0-2,10,0-1-2], [8:0-2,0,0-0-0], [9:0-4,8,0-3-0]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)
TCLL 16.0	Plates Increase	1.25	TC 0.68	Vert(LL)	0.25 8-21 >938 360
TCDL 7.0	Lumber Increase	1.25	BC 0.88	Vert(TL)	-0.39 8-21 >611 240
BCLL 0.0	Rep Stress Incr	YES	WB 0.28	Horz(TL)	0.18 7 n/a n/a
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)		
					Weight: 114 lb

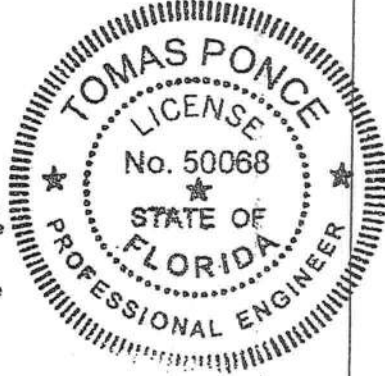
LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-3-12 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 5-3-7 oc bracing. Except:
WEBS 2 X 4 SYP No.3 "Except"	6-0-0 oc bracing: 8-9
W1: 2 X 6 SYP No.2	
SLIDER Right 2 X 4 SYP No.3 2-6-0	

REACTIONS (lb/size) 9=715/0-1-8 (input: 0-3-8), 19=663/Mechanical
Max Horz 9=99(LC 6)
Max Uplift 9=-351(LC 6), 19=-282(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-17=-605/585, 2-17=-1860/1262, 2-3=-1802/1190, 3-4=-1539/869, 4-5=-1541/870,
5-6=-1761/1157, 6-20=-813/111, 7-20=-859/86
BOT CHORD 16-18=-795/836, 9-18=-1409/1855, 8-9=-1033/1643, 8-21=-992/1634, 19-21=-448/499
WEBS 2-9=-553/897, 3-8=-274/385, 4-8=-337/868, 5-8=-273/362, 1-16=-367/368, 17-18=-649/0,
16-17=-1488/1399, 1-18=-1657/1761, 6-22=-1209/1056, 7-19=-490/130, 7-22=0/599,
19-22=-391/416

- NOTES
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 5) Refer to girder(s) for truss to truss connections.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 9=351, 19=282.

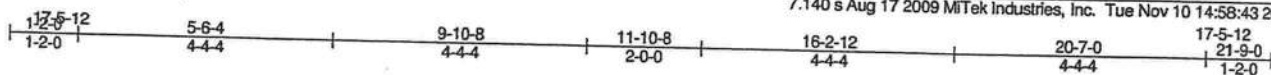
LOAD CASE(S) Standard



FEB 24 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FLA_FBC_07_
BAYBURY	HS1X	SPECIAL	1	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

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Scale = 1:36.9

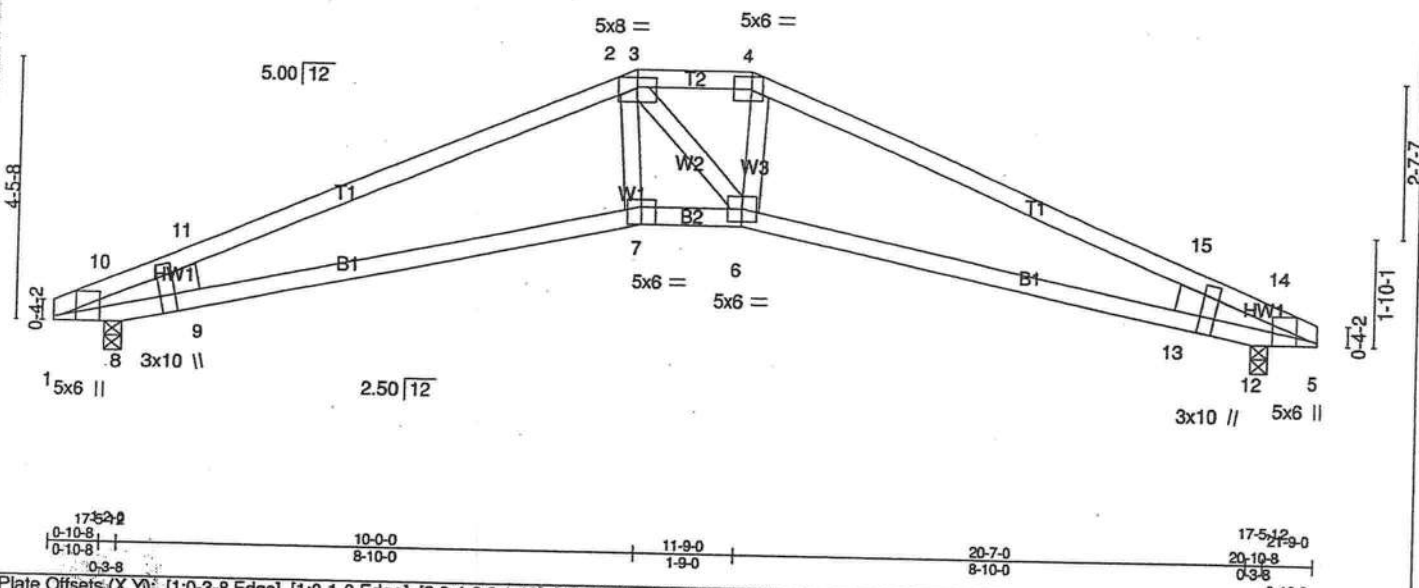


Plate Offsets (X,Y): [1:0-3-8,Edge], [1:0-1-0,Edge], [2:0-4-0,0-1-13], [4:0-3-12,0-2-8], [5:0-1-0,Edge], [5:0-3-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.50	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.46	Vert(LL) 0.13 7-9 >999 360		
BCLL 0.0	Lumber Increase 1.25	WB 0.16	Vert(TL) -0.27 7-9 >960 240		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.14 5 n/a n/a		
	Code FRC2007/TPI2002				
				Weight: 89 lb	

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

BRACING
TOP CHORD
BOT CHORD Structural wood sheathing directly applied or 4-7-3 oc purlins.
Rigid ceiling directly applied or 6-9-6 oc bracing.

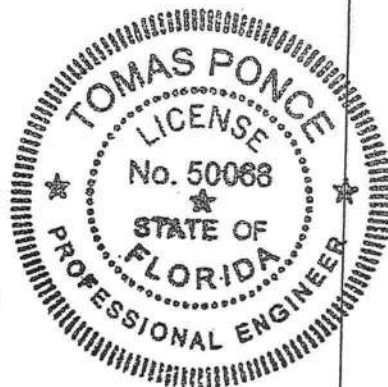
REACTIONS (lb/size) 8=671/0-3-8, 12=671/0-3-8
Max Horz 8=71(LC 6)
Max Uplift 8=-255(LC 6), 12=-255(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 10-11=-840/424, 2-11=-1613/982, 2-3=-1367/942, 3-4=-1453/1002, 4-15=-1621/990,
14-15=-844/426
BOT CHORD 8-9=-359/643, 7-9=-799/1469, 6-7=-787/1472, 6-13=-806/1476, 12-13=-362/646
WEBS 4-6=-173/492, 2-7=-117/420, 3-6=-285/230, 8-10=-366/218, 9-11=-157/329,
8-11=-743/399, 9-10=-413/802, 12-14=-365/217, 13-15=-160/336, 12-15=-746/401,
13-14=-416/805

NOTES (8)

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- Bearing at joint(s) 8, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 8=255, 12=255.
- This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



[Signature]

NOV 12 2009

Job BAYBURY	Truss HSGRD1X	Truss Type SPECIAL	Qty 1	Ply 2	BAYBURY_FLA_FBC_07_
Maronda Homes Inc., Sanford, FL			7.230 s Apr 22 2010 MiTek Industries, Inc. Thu Jun 03 09:01:10 2010 Page 1		

17-5-12
1-2-0

4-6-4
3-4-4

7-10-8
3-4-4

10-10-8
3-0-0

13-10-8
3-0-0

17-2-12
3-4-4

20-7-0
3-4-4

17-5-12
21-9-0
1-2-0

Scale = 1:37.1

17-5-12
0-10-8
0-3-8

4-6-4
3-4-4

8-1-8
3-7-4

13-7-8
5-6-0

13-10-8
0-3-0

17-2-12
3-4-4

20-7-0
3-4-4

17-5-12
21-9-0
0-3-8
0-10-8

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

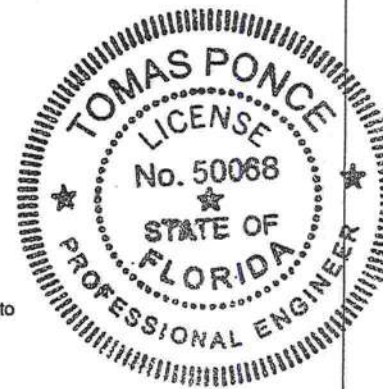
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.58	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.45	Vert(LL) 0.26 8-9 >999 360		
BCLL 0.0	Lumber Increase 1.25	WB 0.20	Vert(TL) -0.34 8-9 >776 240		
BCDL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) 0.16 7 n/a n/a		
	Code FRC2007/TPI2002			Weight: 207 lb	FT = 0%

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 8-9-10 oc bracing.
WEBS 2 X 4 SYP No.3	
WEDGE	
Left: 2 X 6 SYP No.2, Right: 2 X 6 SYP No.2	

REACTIONS (lb/size) 1=1301/0-3-8, 7=1301/0-3-8
Max Horz 1=55(LC 5)
Max Uplift 1=809(LC 5), 7=809(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3415/2309, 2-3=-4151/2791, 3-18=-3998/2740, 4-18=-3998/2697, 5-19=-3998/2697, 5-6=-4151/2749, 6-7=-3415/2277
BOT CHORD 1-1=-906/1288, 1-9=-2061/3048, 9-20=-2666/4091, 20-21=-2666/4091, 8-21=-2666/4091, 7-8=-1977/3048
WEBS 3-9=-791/1218, 5-8=-791/1218, 2-9=-626/959, 6-8=-640/959

NOTES (11)
1) 2-ply truss to be connected together with 10d (0.120"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); cantilever left and right exposed; 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) 1, 7 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 809 lb uplift at joint 10 and 809 lb uplift at joint 14.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 71 lb down and 58 lb up at 7-10-8, 71 lb down and 58 lb up at 9-11-4, and 71 lb down and 58 lb up at 11-9-12, and 71 lb down and 58 lb up at 13-10-8 on top chord, and 409 lb down and 374 lb up at 8-1-8, 91 lb down and 83 lb up at 9-11-4, and 91 lb down and 83 lb up at 11-9-12, and 409 lb down and 374 lb up at 13-7-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



[Handwritten Signature]

JUN 03 2010

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FLA_FBC_07
BAYBURY	HSGRD1X	SPECIAL	1	2	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

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LOAD CASE(S) Standard

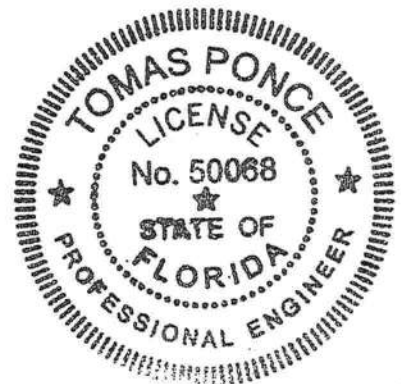
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 3-12=-46, 3-5=-46, 5-16=-46, 1-9=-20, 8-9=-20, 7-8=-20

Concentrated Loads (lb)

Vert: 3=-65(F) 8=-409(F) 9=-409(F) 5=-65(F) 18=-65(F) 19=-65(F) 20=-91(F) 21=-91(F)




JUN 03 2010

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FL_FBC_07_
BAYBURY	JGRD1X	MONO TRUSS	3	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)

7.140 s Aug 17 2009 MITek Industries, Inc. Tue Nov 10 10:46:56 2009 Page 1

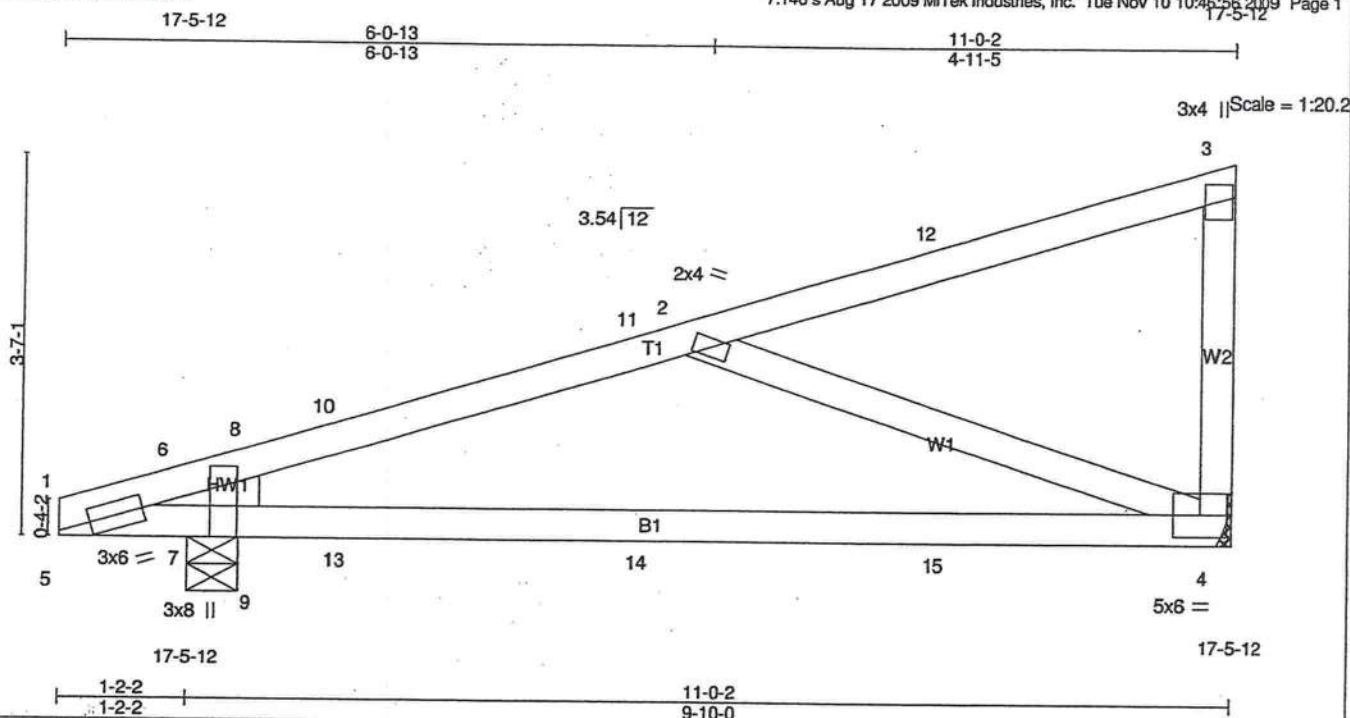


Plate Offsets (X,Y): [1:0-3-10,0-1-8], [1:0-0-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	V/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.71	Vert(LL)	-0.16	4-9	>810	360	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.57	Vert(TL)	-0.41	4-9	>317	240	244/190
BCLL 0.0	Rep Stress Incr	NO	WB 0.25	Horz(TL)	0.01	4	n/a	n/a	
BCDL 10.0	Code FRC2007/TPI2002		(Matrix-M)						
									Weight: 47 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.2 *Except*
W1: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-7-14 oc bracing.

WEDGE
Left: 2 X 4 SYP No.3

REACTIONS (lb/size) 4=460/Mechanical, 7=457/0-5-11
Max Horz 7=166(LC 3)
Max Uplift 4=331(LC 3), 7=262(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 6-8=279/112, 8-10=628/441, 10-11=590/446, 2-11=580/437
BOT CHORD 7-9=256/135, 9-13=533/596, 13-14=533/596, 14-15=533/596, 4-15=533/596
WEBS 2-4=514/520, 6-7=273/140, 8-9=0/439, 7-8=277/147

- NOTES** (9)
- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) WARNING: Top chord live load is below minimum required by FRC. The building design professional for the overall structure to verify adequacy of top chord live load.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 5) Refer to girder(s) for truss to truss connections.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 4=331, 7=262.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 23 lb up at 2-7-6, 23 lb up at 2-7-6, 8 lb down and 37 lb up at 5-5-5, 8 lb down and 37 lb up at 5-5-5, and 52 lb down and 82 lb up at 8-3-4, and 52 lb down and 82 lb up at 8-3-4 on top chord, and 5 lb up at 2-7-6, 5 lb up at 2-7-6, 11 lb down and 15 lb up at 5-5-5, 11 lb down and 15 lb up at 5-5-5, and 46 lb down and 14 lb up at 8-3-4, and 46 lb down and 14 lb up at 8-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
 - 9) This truss is also designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=46, 4-5=20



[Signature]

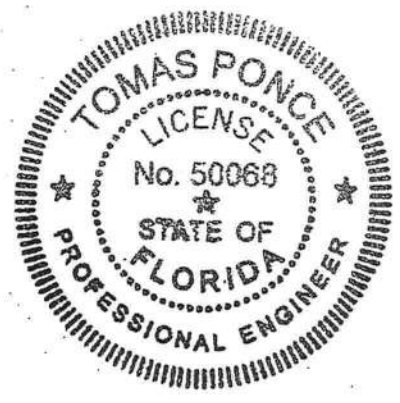
NOV 12 2009

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	BAYBURY_FLA_FBC_07_
BAYBURY	JGRD1X	MONO TRUSS	3	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL 7.140 s Aug 17 2009 MiTek Industries, Inc. Tue Nov 10 10:46:56 2009 Page 2

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 10=12(F=6, B=6) 11=16(F=8, B=8) 12=105(F=52, B=52) 13=5(F=3, B=3) 14=22(F=11, B=11) 15=73(F=37, B=37)



A handwritten signature in black ink, appearing to be "T. Ponce", written over the seal area.

NOV 12 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	JX	MONO TRUSS	16	1	

Maronda Homes Inc., Sanford, FL

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Job Reference (optional)

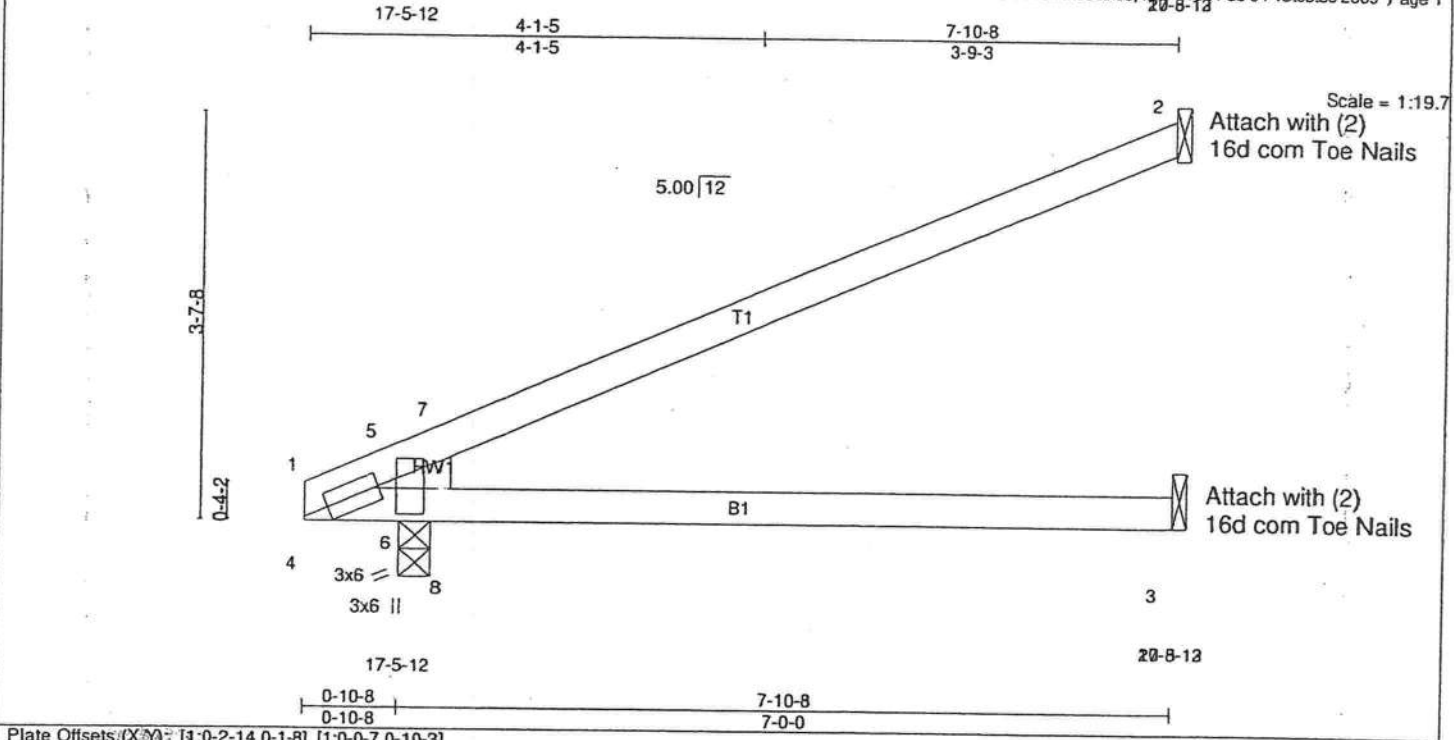


Plate Offsets (X,Y) [1:0-2-14,0-1-8], [1:0-0-7,0-10-3]					
LOADING (psf)		SPACING		CSI	
TCLL	16:0	Plates Increase	1.25	TC	0.41
TCDL	7:0	Lumber Increase	1.25	BC	0.40
BCLL	0:0	Rep Stress Incr	YES	WB	0.00
BCDL	10:0	Code FRC2007/TPI2002		(Matrix-M)	
				DEFL	
				in	(loc)
				Vert(LL)	0.18 3-8 >515 360
				Vert(TL)	-0.24 3-8 >390 240
				Horz(TL)	-0.05 2 n/a n/a
				PLATES	
				MT20	GRIP 244/190
				Weight: 26 lb	

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

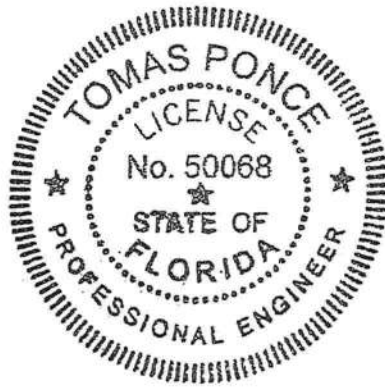
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=143/Mechanical, 3=82/Mechanical, 6=290/0-1-8 (input: 0-3-8)
Max Horz 6=169(LC 6)
Max Uplift 2=-154(LC 6), 3=-2(LC 6), 6=-107(LC 6)
Max Grav 2=143(LC 1), 3=125(LC 2), 6=290(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 6-8=-264/79
WEBS 7-8=-175/483

- NOTES**
- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 2=154, 6=107.

LOAD CASE(S) Standard



FEB 24 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	JAX	MONO TRUSS	2	1	

Maronda Homes Inc, Sanford, FL

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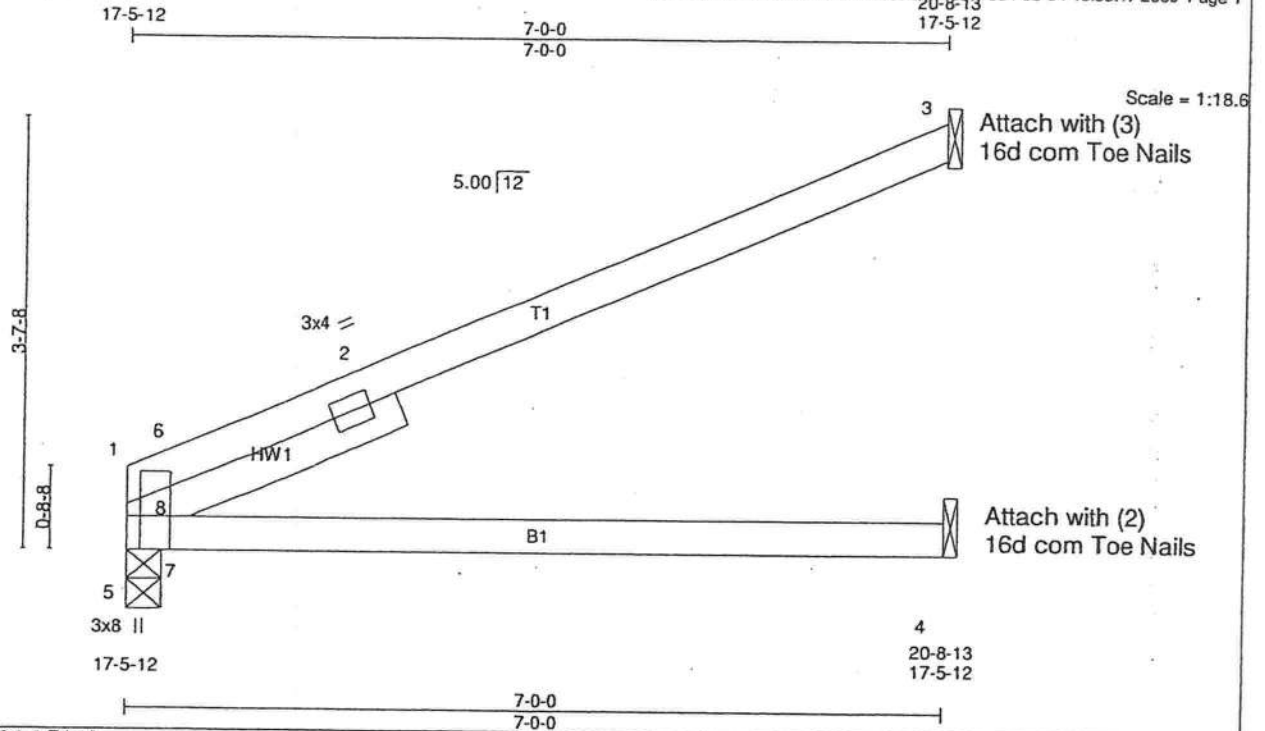


Plate Offsets (X,Y): 1:0-3-8, Edge

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase	1.25	TC 0.42	Vert(LL)	0.19	4-7	>440	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.41	Vert(TL)	-0.23	4-7	>360	240		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.05	3	n/a	n/a		
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)							
									Weight: 26 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
SLIDER Left 2 X 4 SYP No.2 2-6-0

BRACING

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

REACTIONS

(lb/size) 5=229/0-1-8 (input: 0-3-8), 3=146/Mechanical, 4=83/Mechanical
Max Horz 5=150(LC 6)
Max Uplift 5=-76(LC 6), 3=-153(LC 6), 4=-3(LC 6)
Max Grav 5=229(LC 1), 3=146(LC 1), 4=123(LC 2)

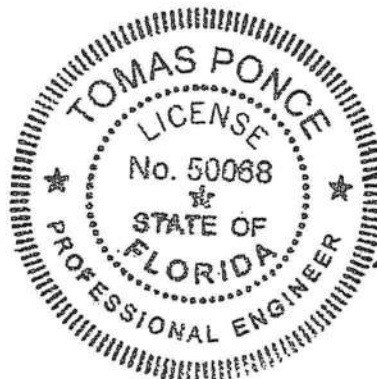
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 1-6=-403/0, 2-6=-431/0
BOT CHORD 5-7=-412/156
WEBS 1-5=-272/0, 7-8=-72/352, 6-8=-279/422, 1-8=0/336, 2-8=0/430

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 4 except (if=lb) 3=153.

LOAD CASE(S) Standard



FEB 24 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	JBX	MONO TRUSS	3	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)
					7.110 s Dec 15 2008 MiTek Industries, Inc. Mon Apr 20 08:31:43 2009 Page 1

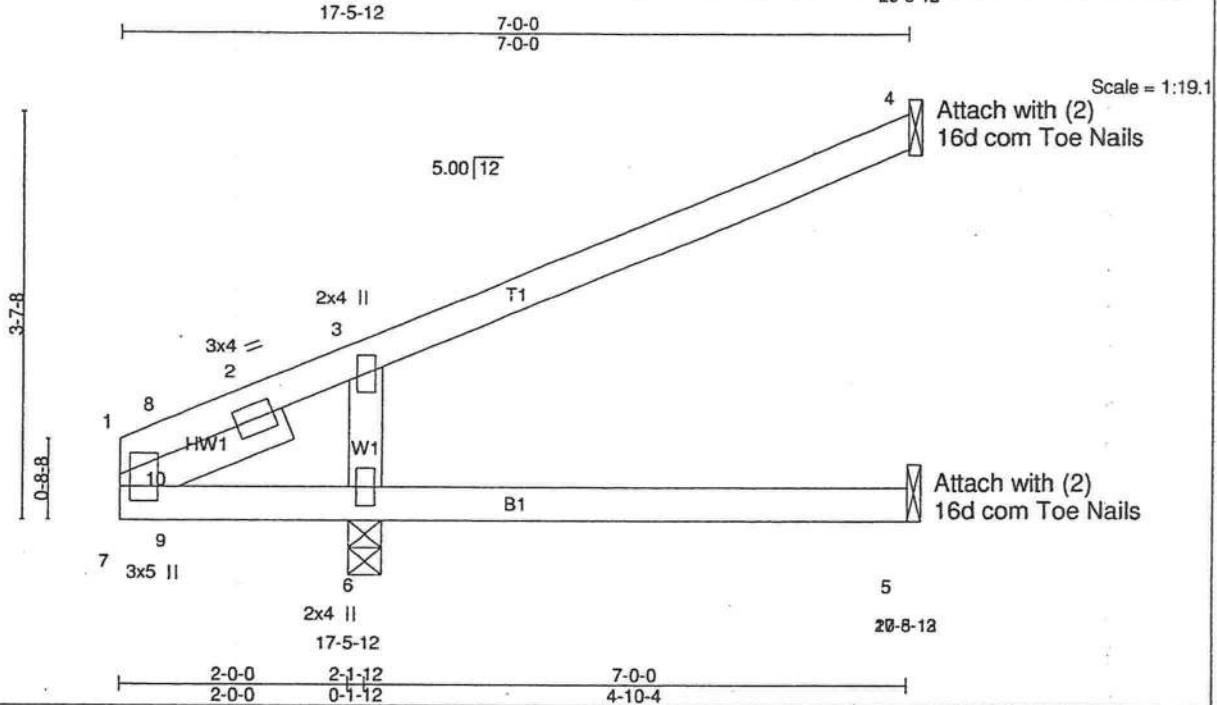


Plate Offsets (X/Y): [1:0-1-8,0-1-2]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)
TCLL 16.0	Plates Increase	1.25	TC 0.27	Vert(LL)	0.04 5-6 >999
TCDL 7.0	Lumber Increase	1.25	BC 0.24	Vert(TL)	-0.04 5-6 >999
BCLL 0.0	Rep Stress Incr	YES	WB 0.13	Horz(TL)	-0.07 4 n/a
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)		
			PLATES		GRIP
			MT20		244/190
			Weight: 26 lb		

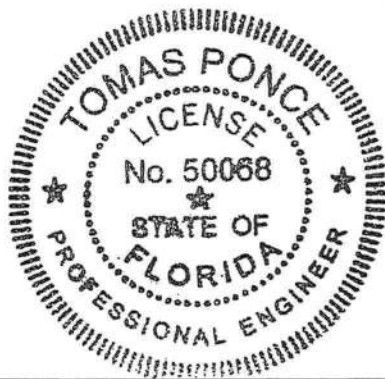
LUMBER	BRACING
TOP CHORD 2X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2X 4 SYP No.3	
SLIDER Left 2 X 4 SYP No.3 1-6-12	

REACTIONS (lb/size)	4=88/Mechanical, 5=38/Mechanical, 6=331/0-1-8 (input: 0-3-8)
Max Horz	6=214(LC 6)
Max Uplift	4=-169(LC 6), 5=-6(LC 5), 6=-304(LC 6)
Max Grav	4=88(LC 1), 5=77(LC 2), 6=331(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-287/40
WEBS 3-6=-236/518, 2-10=-453/0

- NOTES**
- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; partially; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 4=169, 6=304.

LOAD CASE(S) Standard



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APR 20 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	J1X	JACK	60	1	
Maronda Homes Inc., Sanford, FL					Job Reference (optional)
7.110 s Dec 15 2008 MiTek Industries, Inc. Feb 04 15:05:43 2009 Page 1					

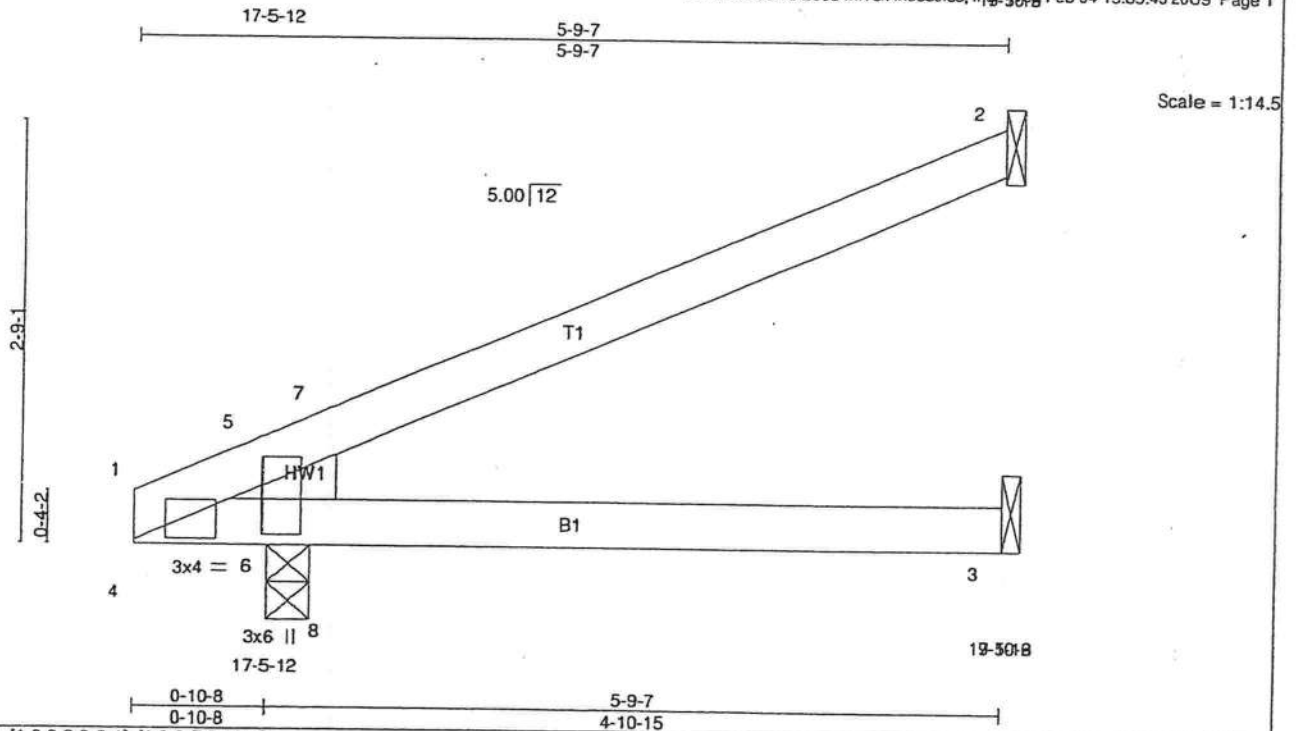


Plate Offsets (X,Y): [1:0-2-9,0-0-1], [1:0-0-7,0-10-3]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	V/defl	L/d	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.20	Vert(LL)	0.05	3-8	>999	360	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.21	Vert(TL)	-0.05	3-8	>999	240		
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.02	2	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)							
	Code FRC2007/TPI2002								
								Weight: 19 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEDGE

Left: 2 X 4 SYP No.3

REACTIONS (lb/size) 2=98/Mechanical, 3=57/Mechanical, 6=223/0-1-8 (input: 0-3-8)

Max Horz 6=124(LC 6)

Max Uplift 2=-107(LC 6), 3=-4(LC 6), 6=-82(LC 6)

Max Grav 2=98(LC 1), 3=86(LC 2), 6=223(LC 1)

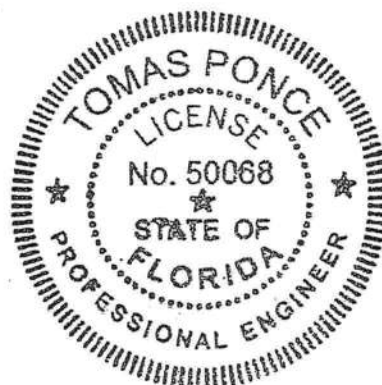
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

WEBS 7-8=-89/251

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 6 except (if=lb) 2=107.

LOAD CASE(S) Standard



[Signature]

FEB 24 2009

Job BAYBURY	Truss J2X	Truss Type JACK	Qty 6	Ply 1	BAYBURY_140_FLORIDA Job Reference (optional)
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Scale = 1:10.0

Plate Offsets (X,Y): [1:0-2-1,0-0-9], [1:0-0-7,0-10-3]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 16.0	Plates Increase 1.25	TC 0.12	Vert(LL) 0.01	3-8	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.13	Vert(TL) -0.01	3-8	>999	240		
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00	2	n/a	n/a		
BCDL 10.0	Code FRC2007/TPI2002	(Matrix-M)						

Weight: 13 lb

LUMBER

TOP CHORD 2 X 4 SYP No.3

BOT CHORD 2 X 4 SYP No.3

WEDGE Left: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-9-7 oc purlins.

BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=54/Mechanical, 3=31/Mechanical, 6=161/0-1-8 (input: 0-3-8)
 Max Horz 6=81(LC 6)
 Max Uplift 2=-62(LC 6), 3=-5(LC 6), 6=-59(LC 6)
 Max Grav 2=54(LC 1), 3=47(LC 2), 6=161(LC 1)

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

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 3, 6.

LOAD CASE(S) Standard

FEB 24 2009

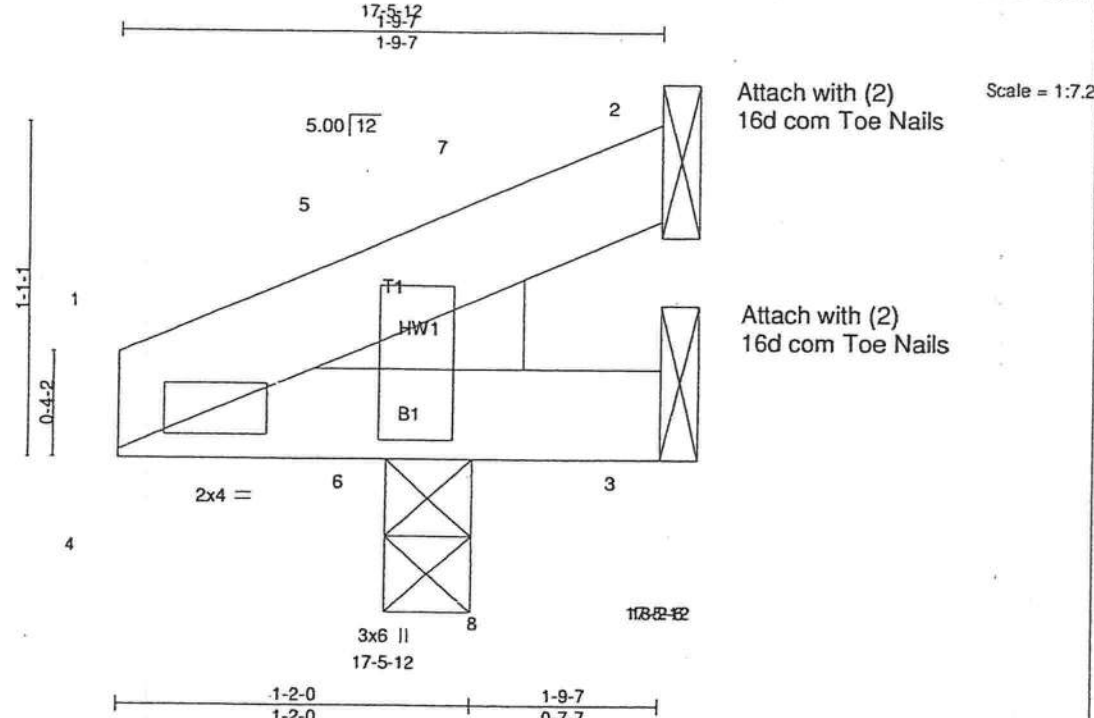


Plate Offsets (X,Y): [1:0-1-13,0-0-9], [1:0-0-7,0-10-3]									
LOADING (psf)		SPACING 2-0-0		CSI		DEFL in (loc) I/defl L/d		PLATES GRIP	
TCLL 16:0		Plates Increase 1.25		TC 0.03		Vert(LL) -0.00 4 >999 360		MT20	244/190
TCDL 7:0		Lumber Increase 1.25		BC 0.02		Vert(TL) -0.00 4 >999 240			
BCLL 0:0		Rep Stress Incr YES		WB 0.00		Horz(TL) -0.00 1 n/a n/a			
BCDL 10:0		Code FRC2007/TP12002		(Matrix-M)					
Weight: 7 lb									

LUMBER
TOP CHORD: 2x4 SYP No.2
BOT CHORD: 2x4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3

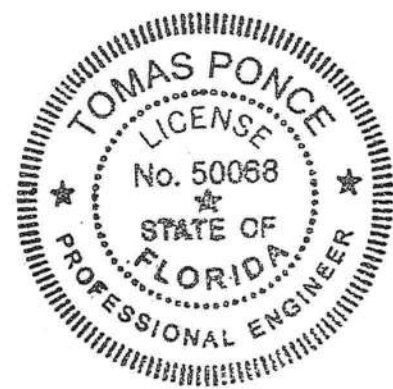
BRACING
TOP CHORD: Structural wood sheathing directly applied or 1-9-7 oc purlins.
BOT CHORD: Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 3=-2/Mechanical, 6=116/0-1-8 (input: 0-3-8), 2=3/Mechanical
Max Horz 6=38(LC 6)
Max Uplift 3=-3(LC 6), 6=-41(LC 6), 2=-15(LC 6)
Max Grav 3=3(LC 2), 6=116(LC 1), 2=3(LC 1)

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

NOTES
1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 6, 2.

LOAD CASE(S) Standard



FEB 24 2009

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	JSGRD1X	SPECIAL	2	1	
Maronda Homes Inc., Sanford, FL			Job Reference (optional)		

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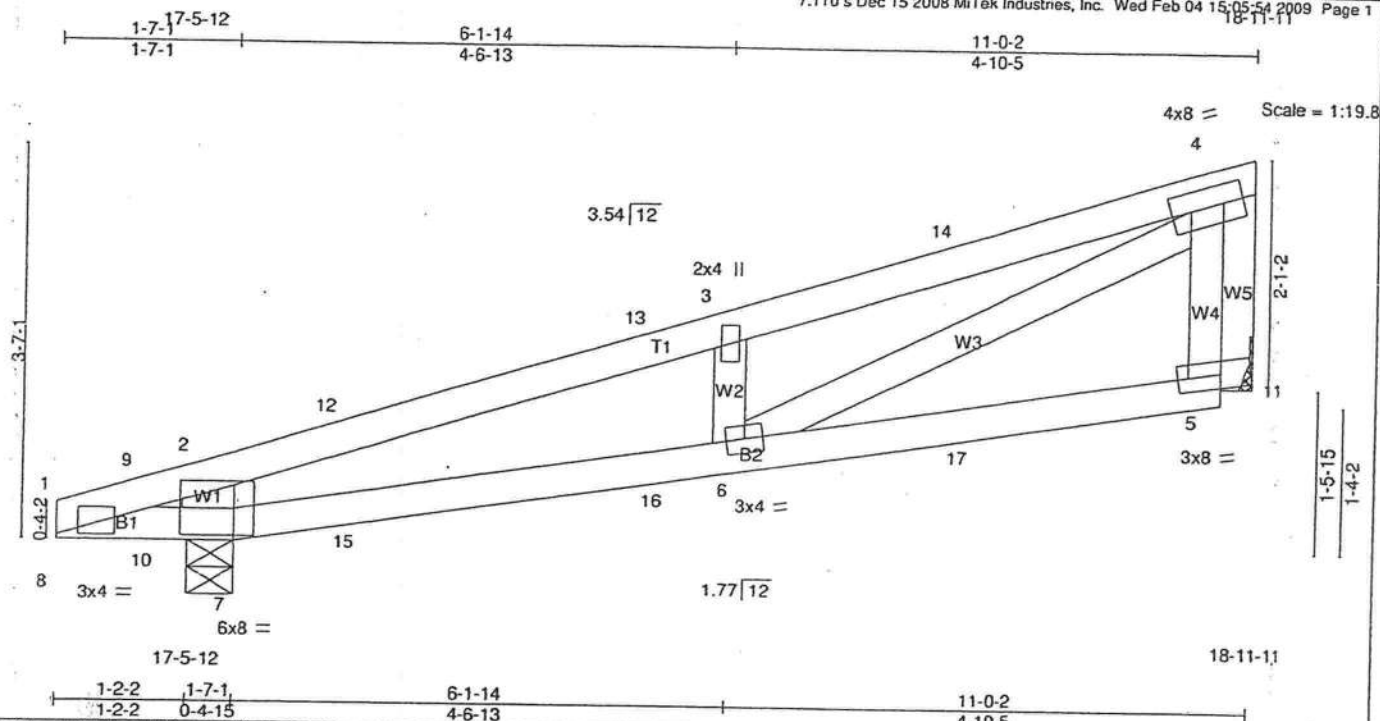


Plate Offsets (X,Y): [1:0-1-4,0-1-8], [5:0-4-11,0-1-8], [7:0-5-12,0-0-8]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc) l/defl L/d
TCLL 16.0	Plates Increase	1.25	TC 0.56	Vert(LL) 0.12	5-6 >971 360
TCDL 7.0	Lumber Increase	1.25	BC 0.93	Vert(TL) -0.15	5-6 >743 240
BCLL 0.0	Rep Stress Incr	NO	WB 0.26	Horz(TL) 0.01	11 n/a n/a
BCDL 10.0	Code FRC2007/TP12002		(Matrix-M)		
			Weight: 47 lb		

LUMBER	BRACING
TOP CHORD 2X4 SYP No.2	TOP CHORD
BOT CHORD 2X4 SYP No.2 "Except"	Structural wood sheathing directly applied or 5-3-13 oc putins, except end verticals.
B1: 2X4 SYP No.3	BOT CHORD
WEBS 2X4 SYP No.3 "Except"	Rigid ceiling directly applied or 6-0-0 oc bracing.
W1: 2X6 SYP No.2	

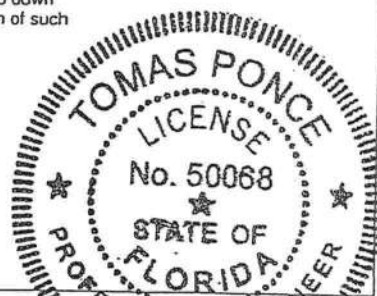
REACTIONS (lb/size) 7=385/0-1-8 (input: 0-4-15), 11=450/Mechanical
Max Horz 7=162(LC 3)
Max Uplift 7=390(LC 3), 11=334(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-9=-268/470, 2-9=-1046/721, 2-12=-974/662, 12-13=-969/671, 3-13=-910/640, 3-14=-958/732, 4-14=-913/719
BOT CHORD 8-10=-510/295, 7-10=-723/1059, 7-15=-730/904, 15-16=-737/890, 6-16=-730/905, 6-17=-191/264, 5-17=-202/285
WEBS 2-7=-356/334, 3-6=-224/310, 4-6=-625/729, 8-9=-1011/588, 1-10=-624/1074, 4-11=-465/346

NOTES

- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=390, 11=334.
- 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 8 lb down and 21 lb up at 2-7-6, 8 lb down and 21 lb up at 2-7-6, 40 lb down and 80 lb up at 5-5-5, 40 lb down and 80 lb up at 5-5-5, and 41 lb down and 52 lb up at 8-3-4, and 41 lb down and 52 lb up at 8-3-4 on top chord, and 54 lb up at 2-7-6, 54 lb up at 2-7-6, 34 lb down at 5-5-5, 34 lb down at 5-5-5, and 46 lb down and 45 lb up at 8-3-4, and 46 lb down and 45 lb up at 8-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	JSGRD1X	SPECIAL	2	1	Job Reference (optional)

Maronda Homes Inc., Sanford, FL

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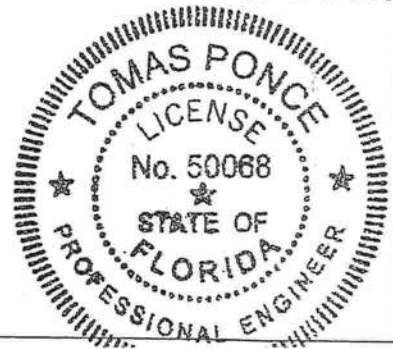
LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 12=42(F=21, B=21) 13=79(F=-40, B=-40) 14=81(F=-41, B=-41) 15=109(F=54, B=54) 16=34(F=-17, B=-17) 17=93(F=46, B=46)



FEB 24 2009



Job	Truss	Truss Type	Qty	Ply	BAYBURY_140_FLORIDA
BAYBURY	JSX	SPECIAL	4	1	
Maronda Homes Inc., Sanford, FL					
7.110 s Dec 15 2008 MITek Industries, Inc. Thu Feb 05 09:35:09 2009 Page 1					

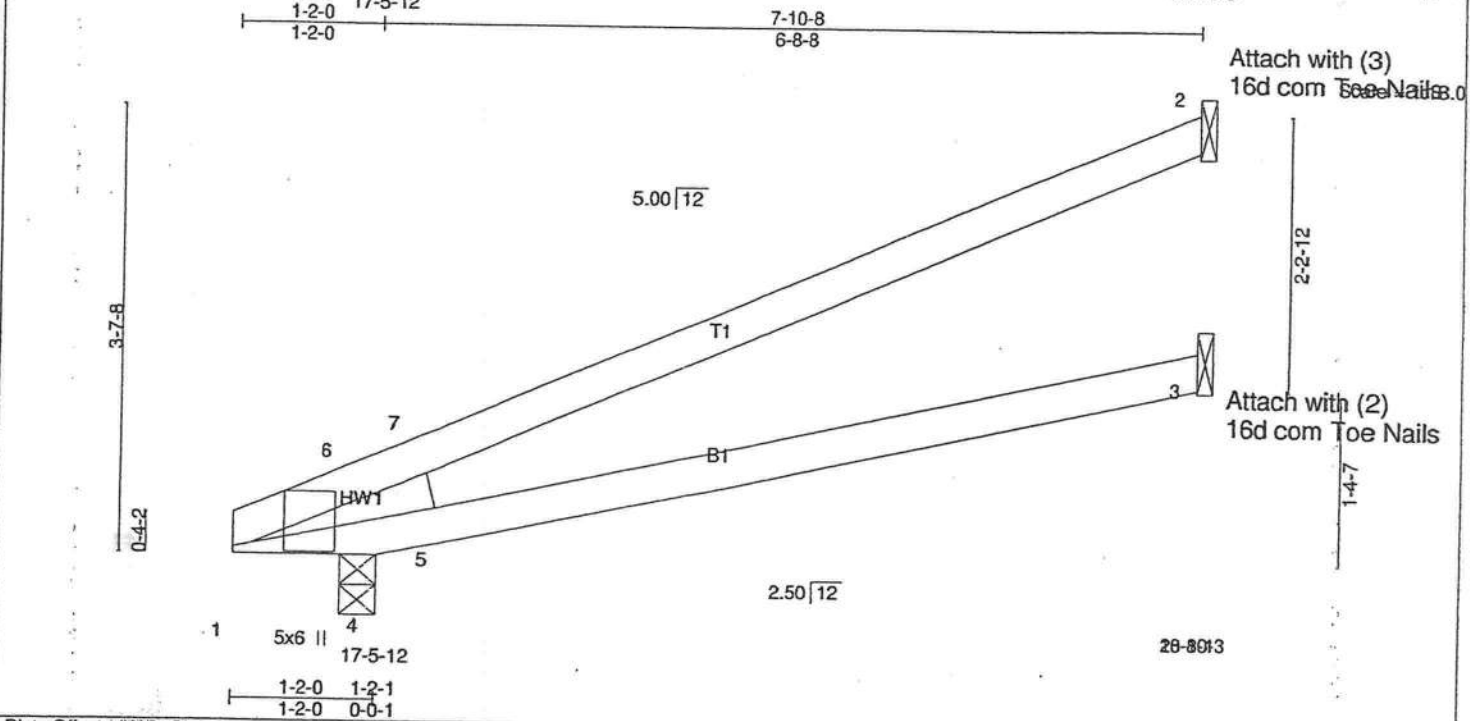


Plate Offsets (X,Y): (1:0-5-4, Edge)					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	Plates Increase 1.25	TC 0.39	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.40	Vert(LL) 0.18 3-5 >515 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Vert(TL) -0.22 3-5 >421 240		
BCDL 10.0	Code FRC2007/TPI2002	(Matrix-M)	Horz(TL) -0.06 2 n/a n/a		
Weight: 27 lb					

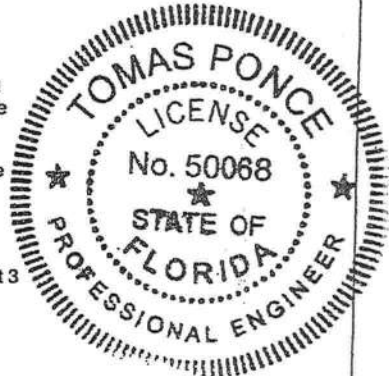
LUMBER	BRACING
TOP CHORD: 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD: 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEDGE	
Left: 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=141/Mechanical, 3=81/Mechanical, 4=246/0-1-8 (input: 0-3-8)
 Max Horz 4=147(LC 6)
 Max Uplift 2=152(LC 6), 3=4(LC 6), 4=62(LC 6)
 Max Grav 2=141(LC 1), 3=122(LC 2), 4=246(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-7=166/449

- NOTES**
- 1) Wind: ASCE 7-05; 140mph (3-second gust); TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) and C-C Interior(1) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Bearing at joint(s) 4 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 152 lb uplift at joint 2, 4 lb uplift at joint 3 and 62 lb uplift at joint 4.

LOAD CASE(S) Standard



FEB 24 2009

House Type _____ Elevation _____ Per Plan/Rev Plan _____

Step #		Called	Schd.	Comp.	Step #		Called	Schd.	Comp.
10033/10037	Stake out House w/F.F. Elevation					A/C Trim			
95	Set Forms/Bring in Fill					Plumbing Trim			
10017	Order Boring Test					Rough Clean			
87	Order Compaction Test				482/491	Mirrors & Shelving			
10038	Order Form Check					Electrical Trim			
	Rough Plumbing In Slab					Drywall Bump			
245	Order Slab Material					Final Mech. Inspection			
	Plumbing Inspection					Final Plumb. Inspection			
	Prep Slab					Final Elec. Inspection			
246	Order Concrete				755	Vinyl/Carpet			
	Measure Slab				493	Trim Bump			
	Slab Inspection				558	Set range			
247	Pour Slab, Patios, A/C Pad				578	Paint Bump			
143/145/146	Order Blocks & Pre-Cast					Screens			
147	Lay Block				745	Final Clean			
	Measure Block Openings					Final Bldg. Inspection			
	Tie Beam/Lintel Inspections					Final Porch Inspection			
148	Order Lintel Concrete/Will Call				10063	VA-FHA Inspection			
149	Pour Lintel								
	Deliver Trusses					Options			
	Deliver Frame Material					Porch	yes	no	
	Order Windows					Tile	yes	no	
329	Order Tub & Shower Units					Security	yes	no	
190	Frame					Irrigation	yes	no	
	Roof & Wall Inspection					Full Stucco	yes	no	
	Set Windows/1 Story					Door ILO Arch	yes	no	
	Order Windows/2 story					Change Order	yes	no	
193	Steel Stud Installation					Inspections			
	Frame Punch					Slab			Conf. Number
	Rough A/C					Tie Beam/Fill Cell			
	Plumbing Top Out -Set Tubs					Roof /Wall Sheathing			
	Rough Electrical					Dry In			
	Security Wiring					Frame			
200	Stock Roof					Insulation			
201	Install Roofing					Lathe			
	Dry In Inspection					Mech Final			
	A/C Rough Inspection					Final/CO			
	Top Out Plumbing Inspection								
	Electrical Inspection								
	Frame Inspection								
370	Insulate/Inspection								
442	Schedule Stucco/Lathe								
390	Stock Drywall								
391	Schedule Dry Wall								
	Dry Wall Window/2 story								
	Install Soffit & Fascia								
	Hang Drywall								
	Finish Drywall								
	Spray Drywall								
220/221	Install Garage Door								
	Lathe Inspection								
442	Stucco								
556	Deliver Trim/Order Appliances								
374	Blow Insulation								
490	Trim								
651	Grade Yard, Cut Drive								
669	Form Driveway								
	Right-of-Way Inspection								
576/574	Paint Interior/Exterior								
670	Pour Driveway								
10035	Order Final Survey								
661	Final Grade								
712	Final Termite Spray								
	Install Cabinets/Appl. Drop								

Subdivision _____ Address _____

Superintendent _____

Revised: 4/26/04

BLDG. Permit Number _____
Right of Way Permit Number _____
Porch Permit Number _____

