DATE 05/13/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029398

APPLICANT MARK HADDOX PHONE 755-2411

ADDRESS PO BOX 1755 LAKE CITY FL 32056

OWNER GARY & PATRICIA CARTER PHONE 867-9013

ADDRESS 259 NW BO CT LAKE CITY FL 32055

CONTRACTOR MARK HADDOX PHONE 755-2411

LOCATION OF PROPERTY 90 WEST, R LAKE JEFFERY RD, L BO COURT, PROPERTY ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 118150.00

HEATED FLOOR AREA 1837.00 TOTAL AREA 2363.00 HEIGHT 18.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF/MH-2 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 30-3S-17-05869-008 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 2.60

		CRC1329442		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
PRIVATE DRIVE	11-0216	BK	TC	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD

NOC ON FILE

Check # or Cash 1178

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

Framing date/app. by Insulation date/app. by

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

Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by Pool date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by

Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 595.00 CERTIFICATION FEE $ 11.81 SURCHARGE FEE $ 11.81

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 693.62

INSPECTORS OFFICE CLERKS OFFICE CH

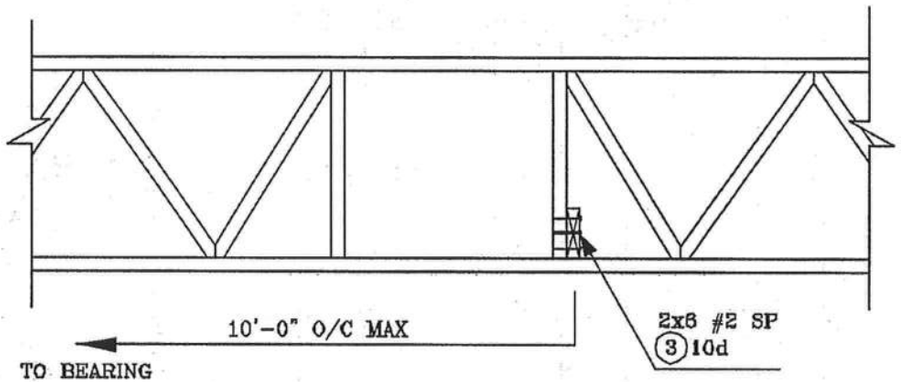
NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES,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

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

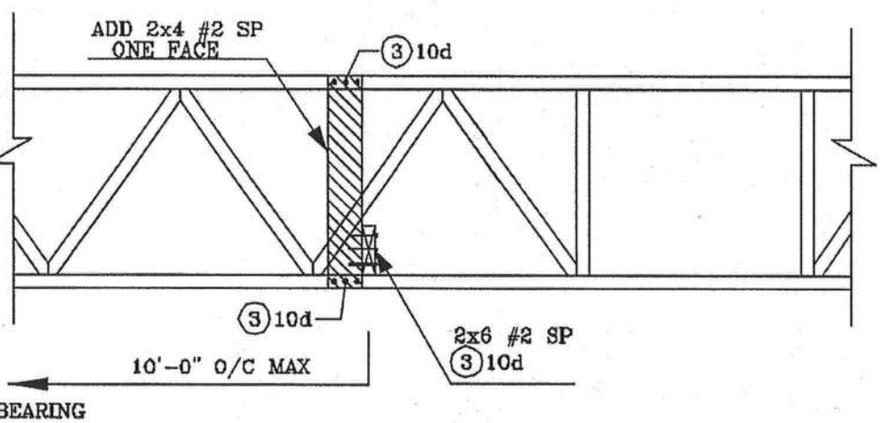
EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

STRONG BACK DETAIL
SYSTEM–42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



REVIEWED
By julius lee at 11:58 am, Jun 11, 2008

JULIUS LEE
LICENSE
NO. 34869
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

JULIUS LEE'S
CONS. ENGINEERS P.A.
1456 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

Uniform Load—Maximum Uniform Load Applied to Either Outside Member (PLF)

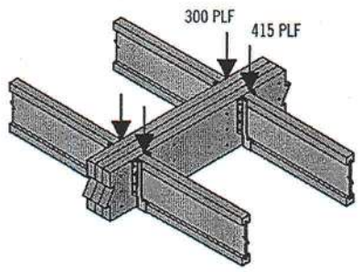
Connector Type	Number of Rows	Connector On-Center Spacing	Connector Pattern					
			Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
			3½" 2-ply	5¼" 3-ply	5¼" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail[1]	2	12"	370	***280***	280	***245***		
	3	12"	555	***415***	415	***370***		
½" A307 Through Bolts[2][3]	2	24"	505	380	520	465	860	340
		19.2"	635	475	655	580	1,075	425
		16"	760	570	785	695	1,290	505
SDS ¼" x 3½"[3]	2	24"	680	***510***	510	***455***		
		19.2"	850	***640***	640	***565***		
		16"	1,020	***765***	765	***680***		
SDS ¼" x 6"[3][4]	2	24"				***455***	***465***	***455***
		19.2"				***565***	***580***	***565***
		16"				***680***	***695***	***680***
USP WS35[3]	2	24"	480	***360***	360	***320***		
		19.2"	600	***450***	450	***400***		
		16"	715	***540***	540	***480***		
USP WS6[3][4]	2	24"				***350***	***525***	***350***
		19.2"				***440***	***660***	***440***
		16"				***525***	***790***	***525***
3⅛" TrussLok[3]	2	24"	635	***475***	475	***425***		
		19.2"	795	***595***	595	***530***		
		16"	955	***715***	715	***635***		
5" TrussLok[3]	2	24"		500	500	***445***	***480***	***445***
		19.2"		625	625	***555***	***600***	***555***
		16"		750	750	***665***	***725***	***665***
6¾" TrussLok[3]	2	24"				445	620	445
		19.2"				555	770	555
		16"				665	925	665

(1) Nailed connection values may be doubled for 6" on-center or tripled for 4" on-center nail spacing.
(2) Washers required. Bolt holes to be 9/16" maximum.
(3) 24" on-center bolted and screwed connection values may be doubled for 12" on-center spacing.
(4) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

General Notes

- Connections are based on NDS® 2005 or manufacturer's code report.
- Use specific gravity of 0.5 when designing lateral connections.
- Values listed are for 100% stress level. Increase 15% for snow-loaded roof conditions or 25% for non-snow roof conditions, where code allows.
- ***Bold Italic*** cells indicate **Connector Pattern** must be installed on both sides. Stagger fasteners on opposite side of beam by ½ the required **Connector Spacing**.
- Verify adequacy of beam in allowable load tables on pages 16–33.
- 7" wide beams should be side-loaded only when loads are applied to both sides of the members (to minimize rotation).
- Minimum end distance for bolts and screws is 6".
- Beams wider than 7" require special consideration by the design professional.

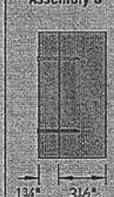
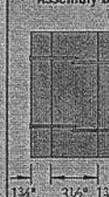
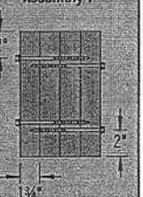
Uniform Load Design Example



First, check the allowable load tables on pages 16–33 to verify that three pieces can carry the total load of 715 plf with proper live load deflection criteria. Maximum load applied to either outside member is 415 plf. For a 3-ply, 1¾" assembly, two rows of 10d (0.128" x 3") nails at 12" on-center is good for only 280 plf. Therefore, use three rows of 10d (0.128" x 3") nails at 12" on-center (good for 415 plf).

Alternatives:
Two rows of ½" bolts or ¼" x 3½" SDS screws at 19.2" on-center.

Point Load—Maximum Point Load Applied to Either Outside Member (lbs)

Connector Type	Number of Connectors	Connector Pattern: Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
							
		3½" 2-ply	5¼" 3-ply	5¼" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail	6	1,110	*835*	835	*740*		
	12	2,225	*1,670*	1,670	*1,485*		
	18	3,335	*2,505*	2,505	*2,225*		
	24	4,450	*3,335*	3,335	*2,965*		
SDS Screws ¼" x 3½" or WS35 ¼" x 6" or WS6(1)	4	1,915	1,435(2)	1,435	*1,275*	*1,860*(3)	*1,405*(3)
	6	2,870	2,150(2)	2,150	*1,915*	*2,785*(3)	*2,110*(3)
	8	3,825	2,870(2)	2,870	*2,550*	*3,715*(3)	*2,810*(3)
3⅜" or 5" TrussLok™	4	2,545	1,910(2)	1,910	*1,695*	*1,925*(4)	*1,775*(4)
	6	3,815	2,860(2)	2,860	*2,545*	*2,890*(4)	*2,665*(4)
	8	5,090	3,815(2)	3,815	*3,390*	*3,855*(4)	*3,550*(4)

(1) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

See General Notes on page 38

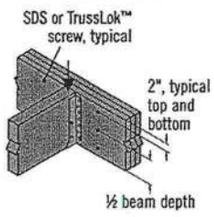
(2) 3½" and 3⅜" long screws must be installed on both sides.

(3) 6" long screws required.

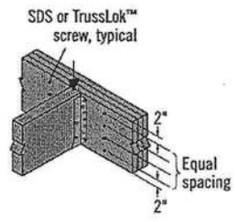
(4) 5" long screws required.

Point Load Connections

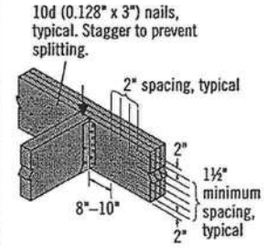
4- or 6-Screw Connection



8-Screw Connection

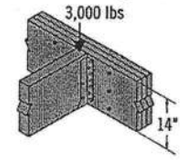


Nail Connection



There must be an equal number of nails on each side of the connection

Point Load Design Example



First, verify that a 3-ply, 1¾" x 14" beam can support the 3,000 lb point load as well as all other loads applied. The 3,000 lb point load is being transferred to the beam with a face mount hanger. For a 3-ply, 1¼" assembly, eight 3⅜" TrussLok™ screws are good for 3,815 lbs with a face mount hanger.

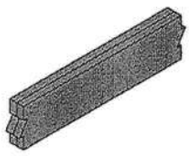
MULTIPLE-MEMBER CONNECTIONS FOR TOP-LOADED BEAMS

1¾"-Wide Pieces

- Minimum of three rows of 10d (0.128" x 3") nails at 12" on-center.
- Minimum of four rows of 10d (0.128" x 3") nails at 12" on-center for 14" or deeper.
- If using 12d–16d (0.148"–0.162" diameter) nails, the number of nailing rows may be reduced by one.
- Minimum of two rows of SDS, WS, or TrussLok™ screws at 16" on-center. Use 3⅜" minimum length with two or three plies; 5" minimum for 4-ply members. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. For 3- or 4-ply members, connectors must be installed on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.

3½"-Wide Pieces

- Minimum of two rows of SDS, WS, or TrussLok™ screws, 5" minimum length, at 16" on-center. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. Connectors must be installed on both sides. Stagger fasteners on opposite side of beam by ½ of the required connector spacing.
- Minimum of two rows of ½" bolts at 24" on-center staggered.
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.



L6 *Multiple pieces can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7"*

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	HADDOX - CARTER RESIDENCE	Builder Name:	WOODMAN PARK BUILDERS
Street:		Permit Office:	COLUMBIA COUNTY
City, State, Zip:	LAKE CITY , FL ,	Permit Number:	
Owner:	GARY AND PATRICIA CARTER	Jurisdiction:	
Design Location:	FL, Apalachicola		

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	3
5. Is this a worst case?	No
6. Conditioned floor area (ft²)	1837

7. Windows(140.0 sqft.)	Description	Area
a. U-Factor:	Dbl, default	140.00 ft²
SHGC:	Clear, default	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
e. U-Factor:	N/A	ft²
SHGC:		

8. Floor Types (1837.0 sqft.)	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=6.0	1837.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types (3002.3 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1654.50 ft²
b. Face Brick - Wood, Exterior	R=13.0	1347.80 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types (1837.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	1837.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 195 ft²

12. Cooling systems
a. Central Unit — Cap: 42.0 kBtu/hr, SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 42.0 kBtu/hr, HSPF: 8.5

14. Hot water systems
a. Electric — Cap: 40 gallons, EF: 0.94
b. Conservation features
None

15. Credits: None

Glass/Floor Area: 0.076

Total As-Built Modified Loads: 41.37
Total Baseline Loads: 48.81

PASS

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

PREPARED BY: Larry Resmondo a/c
DATE: April 26 2011

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

OWNER/AGENT: _____
DATE: _____

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

BUILDING OFFICIAL: _____
DATE: _____

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

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

PROJECT

Title:	HADDOX - CARTER RESIDE	Bedrooms:	3	Adress Type:	Street Address
Building Type:	FLAsBuilt	Conditioned Area:	1837	Lot #	
Owner:	GARY AND PATRICIA CART	Total Stories:	1	Block/SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	WOODMAN PARK BUILDER	Rotate Angle:	0	Street:	
Permit Office:	COLUMBIA COUNTY	Cross Ventilation:	No	County:	COLUMBIA
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	LAKE CITY , FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Apalachicola	FL_TYNDALL_AFB	2	29	88	75	70	1911	64	Medium

FLOORS

√	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	168.5 ft	6	1837 ft²	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Gable or Shed	Composition shingles	1936 ft²	306 ft²	Medium	0.9	N	0	18.4 deg

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1837 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1837 ft²	0.1	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Face Brick - Wood	13	1347.75 ft	0	0.25	0.8
_____	2	-	Exterior	Frame - Wood	13	1442.25 ft	0	0.25	0.8
_____	3	-	Exterior	Frame - Wood	13	212.25 ft²	0	0.25	0.8

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
____	1	N	Wood	None	0.39	42.22222
____	2	-	Wood	None	0.39	21 ft²

WINDOWS

Orientation shown is the entered, asBuilt orientation.

√	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
____	1	N	Wood	Double (Clear)	No	0.87	0.66	N	15 ft²	5 ft 0 in	1 ft 0 in	HERS 2006	None
____	2	N	Wood	Double (Clear)	No	0.87	0.66	N	30 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
____	3	N	Wood	Double (Clear)	No	0.87	0.66	N	60 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
____	4	N	Wood	Double (Clear)	No	0.87	0.66	N	35 ft²	4 ft 0 in	1 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

√	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM	Exhaust CFM	Run Time Fraction	Fan Watts
____	Default	0.00036	1735	7.08	95.2	179.1	0 cfm	0 cfm	0	0

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
____	1	382.8 ft²	382.8 ft²	64 ft	8 ft	1

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
____	1	Central Unit	None	SEER: 13	42 kBtu/hr	1260 cfm	0.8	sys#1

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ducts
____	1	Electric Heat Pump	None	HSPF: 8.5	42 kBtu/hr	sys#1

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
____	1	Electric	0.94	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
____	None	None			ft²		

DUCTS

✓	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
———	1	Attic	6	195 ft²	Attic	60 ft²	Default Leakage	Garage	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Heating	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Venting	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: PERMIT #:
LAKE CITY, FL,

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N1112.ABC.3 Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

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

, LAKE CITY, FL,

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		3
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		1837
7. Windows**	Description	Area
a. U-Factor: SHGC:	Dbl, default Clear, default	140.00 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=6.0	1837.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1654.50 ft²
b. Face Brick - Wood, Exterior	R=13.0	1347.80 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1837.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 195 ft²

12. Cooling systems
a. Central Unit — Cap: 42.0 kBtu/hr SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 42.0 kBtu/hr HSPF: 8.5

14. Hot water systems
a. Electric — Cap: 40 gallons EF: 0.94

b. Conservation features
None

15. Credits — None

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the Department of Community Affairs at (850) 487-1824.

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ **Project Name:** _____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS	Plastec	Stilcraft Doors	FL4242-R1
1. Swinging	Masonite	Exterior Doors	FL 4334-R4
2. Sliding	MI Home Prod	Sliding Glass Doors	FL. 11956-R1
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	Atrium	Insulated Windows	FL 6752.2
2. Horizontal Slider	Atrium	" "	FL. 7836.1
3. Casement	Atrium	" "	FL. 8716
4. Double Hung			
5. Fixed	Atrium	" "	FL. 7834.1
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Certainteed		FL12483
2. Soffits	Certainteed		FL. 13388
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block	Pittsburgh Corning	Glass Block	FL. 1363-R4
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS	GAF	25 yrs min Roofing	FL 6895-R1
1. Asphalt Shingles	Certainteed	Arch. Shingles	FL. 5444-R2
2. Underlayments	Woodland		
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen	Certainteed	Torch	FL. 2533-R3
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

TRULOX CONNECTION DETAIL

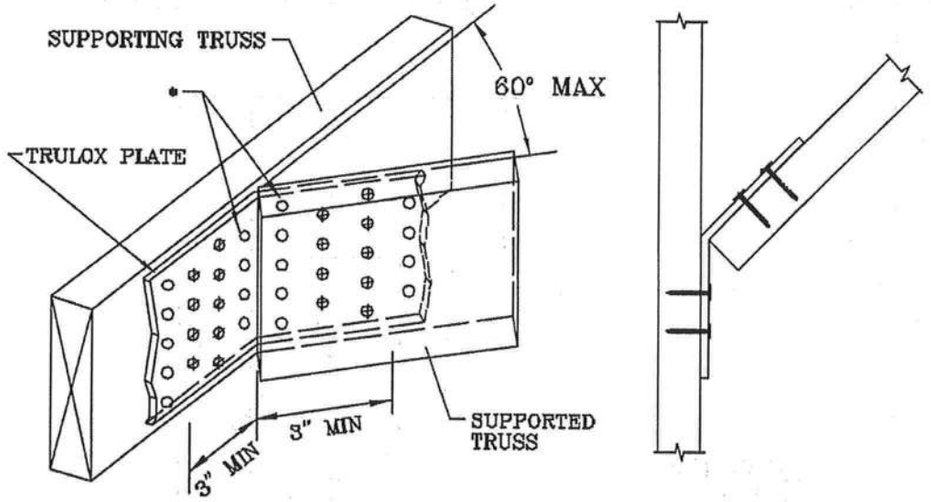
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

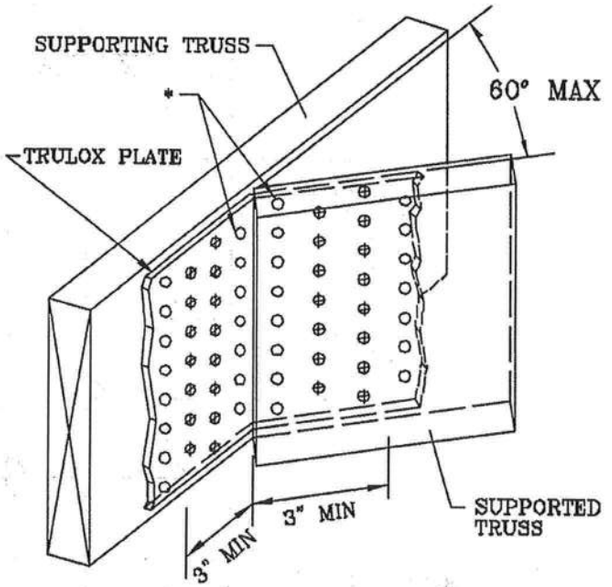
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



MINIMUM 3X6 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
5X6	15	990#



MINIMUM 5X6 TRULOX PLATE

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R 1,154,944 1,152,217 1,152,017 1,159,154 & 1,161,524

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-09 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR, SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By julius lee at 11:58 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-3361

No: 34869
STATE OF FLORIDA

REF	TRULOX
DATE	11/26/08
DRWG	CNTRULOX1103
-ENG	JL

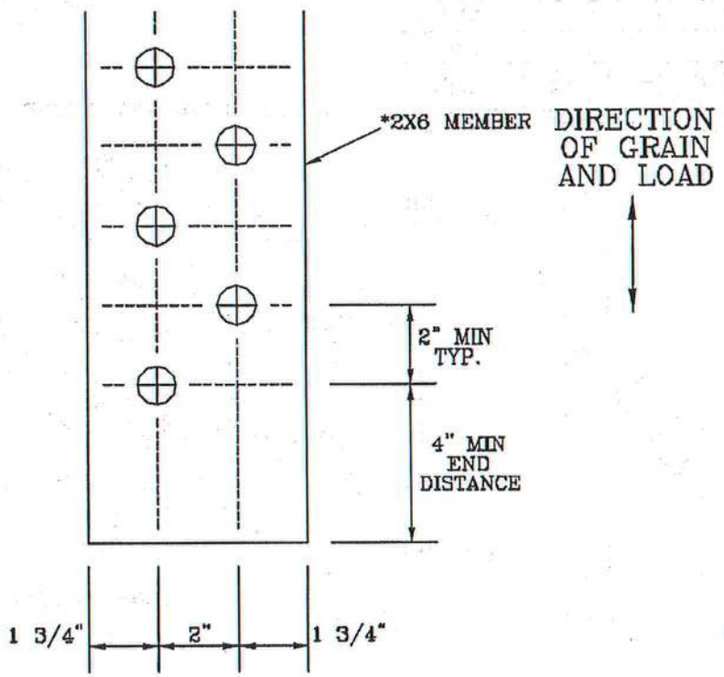
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

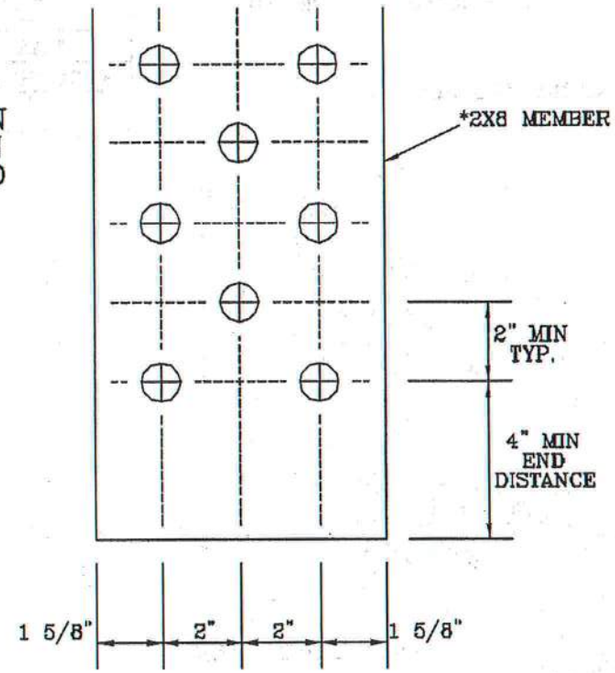
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL



2X8 DETAIL

THIS DRAWING REPLACES DRAWING A828,016

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

=WARNING= TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, Fl. 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	BOLT SPACING
TC DL	PSF	DATE	11/26/08
BC DL	PSF	DRWG	CNBOLTSP1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

TOE–NAIL DETAIL

TOE–NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE–THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS–2001 SECTION 12.4.1 – EDGE DISTANCE, END DISTANCE, SPACING: "EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD."

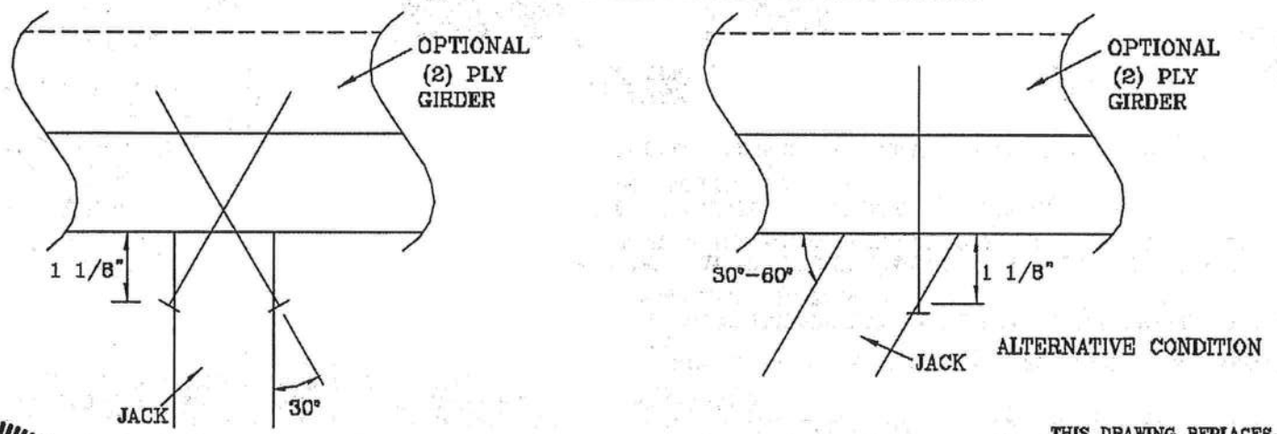
THE NUMBER OF TOE–NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

THIS DETAIL DISPLAYS A TOE–NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"X3.5") COMMON TOE–NAILS

NUMBER OF TOE–NAILS	SOUTHERN PINE		DOUGLAS FIR–LARCH		HEM–FIR		SPRUCE PINE FIR	
	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES	1 PLY	2 PLIES
2	197#	256#	181#	234#	156#	203#	154#	199#
3	296#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#

ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.



THIS DRAWING REPLACES DRAWING 764040

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

"WARNING" TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1–03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444–2161

No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE–NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONAIL1103
BC LL	PSF	–ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

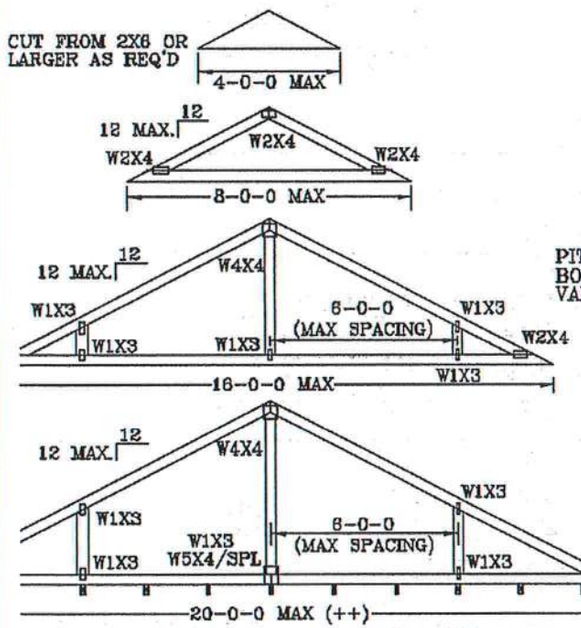
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

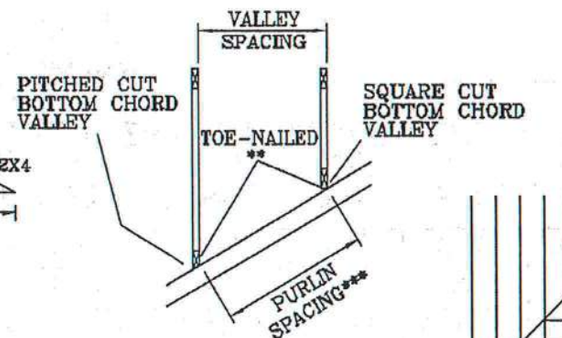
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

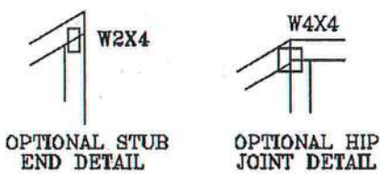
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

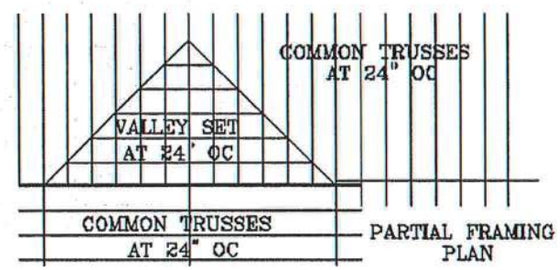
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161
No: 34869
STATE OF FLORIDA

TC LL	20	20	PSF	REF VALLEY DETAIL
TC DL	7	15	PSF	DATE 11/26/08
BC DL	5	5	PSF	DRWG VALTRUSS1103
BC LL	0	0	PSF	-ENG JL
TOT. LD.	32	40	PSF	
DURFAC.	1.25	1.25		
SPACING		24"		

PIGGYBACK DETAIL

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

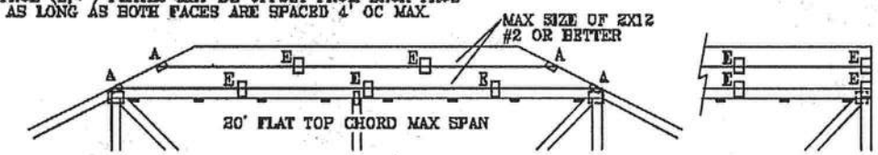
ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

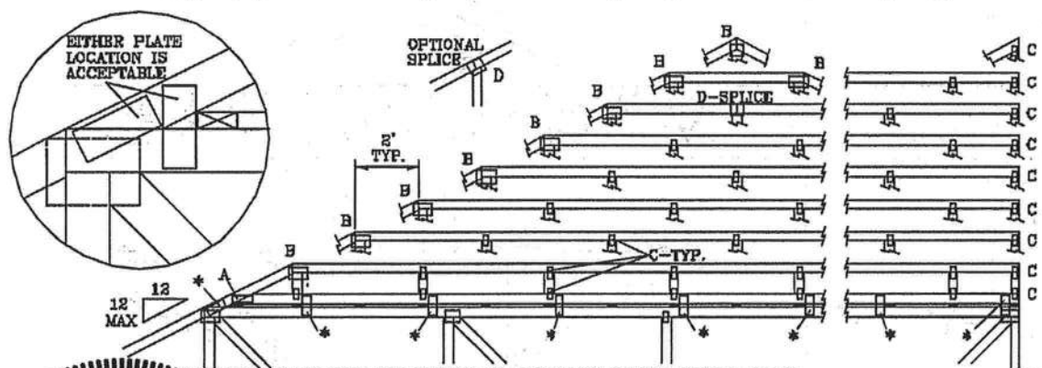
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

- 110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF
- 110 MPH WIND, 30' MEAN HGT, FBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF
- 130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.





ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

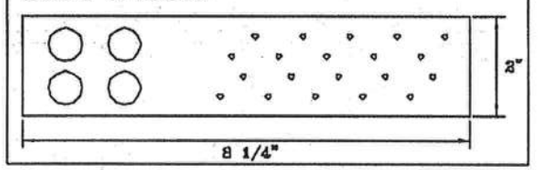
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X6
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X8 OR 3X6 TRULOX AT 4' OC, HOTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4" OC.

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 647,045

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

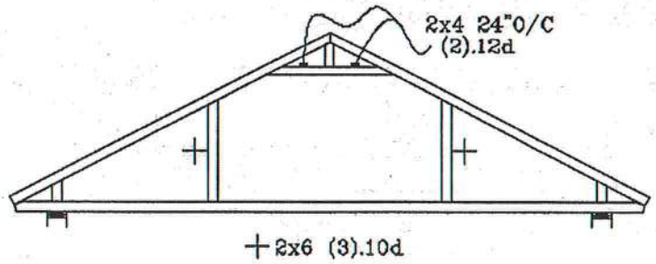
JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

No: 34869
STATE OF FLORIDA

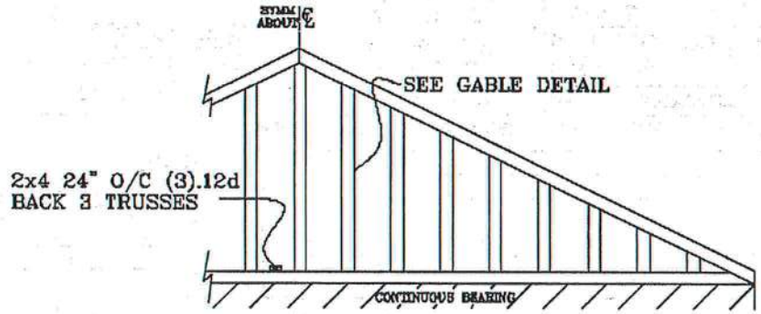
MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF PIGGYBACK
DATE 09/12/07
DRWG MITEK STD PIGGY
-ENG JL

TYPICAL ATTIC TRUSS BRACING

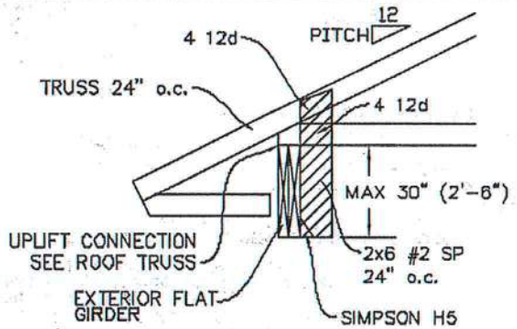


GABLE END TRUSS DETAIL



MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

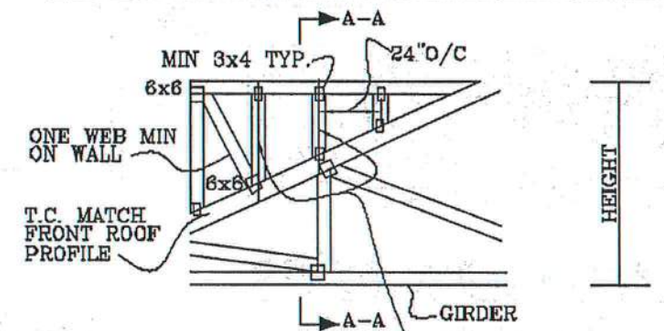
TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS

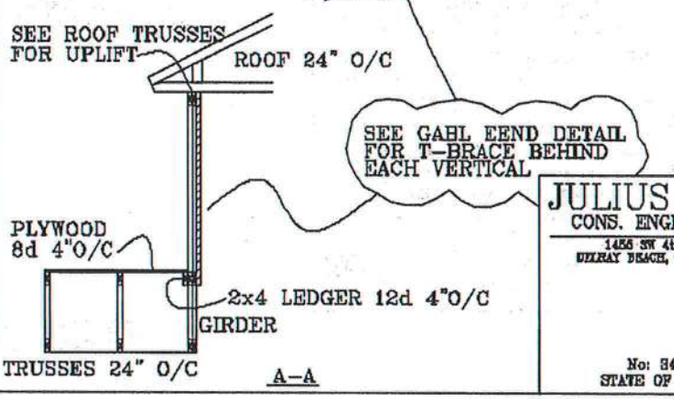


REVIEWED
By julius lee at 11:59 am, Jun 11, 2008

JULIUS LEE
LICENSE
NO. 34869
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL





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ASCE 7-02: 110 - 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE B,C

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1)1X4 "L","T" BRACE*		(1)2X4 "L","T" BRACE*		(2)2X4 "L","T" BRACE**		(1)2X6 "L","T" BRACE*		(2)2X6 "L","T" BRACE**	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 2"	5' 6"	5' 8"	6' 6"	6' 9"	7' 10"	8' 0"	10' 3"	10' 7"	12' 3"	12' 7"
		#3	3' 1"	4' 5"	4' 5"	5' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STUD	3' 1"	4' 5"	4' 5"	5' 10"	5' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"
		STANDARD	2' 11"	3' 9"	3' 9"	5' 0"	5' 0"	6' 9"	6' 9"	7' 10"	7' 10"	10' 7"	10' 7"
	SP DFL	#1	3' 6"	5' 6"	5' 11"	6' 6"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#2	3' 5"	5' 6"	5' 11"	6' 6"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"
		#3	3' 3"	4' 6"	4' 6"	6' 0"	6' 0"	7' 10"	8' 1"	9' 4"	9' 4"	12' 3"	12' 8"
		STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 6"
		STANDARD	3' 0"	3' 10"	3' 10"	5' 1"	5' 1"	6' 11"	6' 11"	8' 0"	8' 0"	10' 10"	10' 10"
16" O.C.	SPF HF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
		STUD	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
		STANDARD	3' 7"	4' 8"	4' 8"	6' 2"	6' 2"	8' 3"	8' 3"	9' 7"	9' 7"	12' 11"	12' 11"
	SP DFL	#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#3	3' 9"	5' 7"	6' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"
		STUD	3' 9"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	13' 3"
12" O.C.	SPF HF	#1 / #2	4' 0"	6' 11"	7' 2"	8' 3"	8' 6"	9' 10"	10' 1"	12' 11"	13' 4"	14' 0"	14' 0"
		#3	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 11"	12' 11"	14' 0"	14' 0"
		STUD	3' 11"	6' 3"	6' 3"	8' 3"	8' 3"	9' 10"	9' 10"	12' 10"	12' 10"	14' 0"	14' 0"
		STANDARD	3' 11"	5' 4"	5' 4"	7' 1"	7' 1"	9' 6"	9' 6"	11' 1"	11' 1"	14' 0"	14' 0"
	SP DFL	#1	4' 5"	6' 11"	7' 6"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#2	4' 4"	6' 11"	7' 6"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#3	4' 2"	6' 5"	6' 5"	8' 3"	8' 6"	9' 10"	10' 4"	12' 11"	13' 3"	14' 0"	14' 0"
		STUD	4' 2"	6' 4"	6' 4"	8' 3"	8' 5"	9' 10"	10' 4"	12' 11"	13' 1"	14' 0"	14' 0"
		STANDARD	4' 0"	5' 6"	5' 6"	7' 3"	7' 3"	9' 9"	9' 9"	11' 4"	11' 4"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

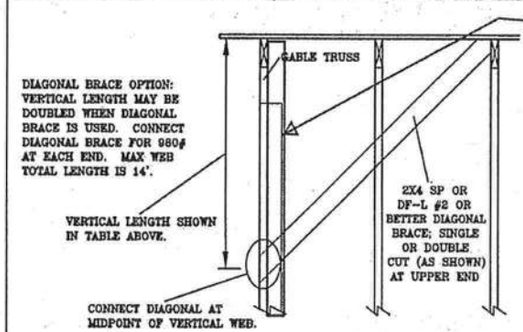
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

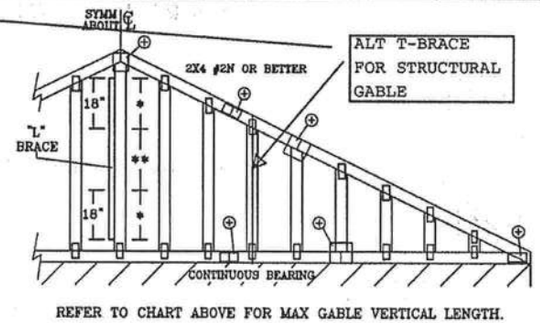
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR	
#1 & BTR	
#1	

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

12/4/8

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 160 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L"or"T" BRACE WITH 10d NAILS.
* FOR (1) "L"or"T" BRACE: SPACE NAILS AT 2"O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L"or"T" BRACES: SPACE NAILS AT 3"O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L"or"T" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0"	2X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

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IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (VJH/S/K) ASTM A653 GRADE 40/60 (VJK/HLS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (D SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1109 COASTAL BAY BLVD.
BOYNTON BEACH, FL. 33435

No: 34869
STATE OF FLORIDA

MAX LOADING	
55 PSF AT 1.25 DUR. FAC.	
50 PSF AT 1.25 DUR. FAC.	
42 PSF AT 1.25 DUR. FAC.	
MAX. SPACING	24.0"

REF	ASCE7-98-GAB13030
DATE	DEC./04/2008
DRWG	
-ENG	

STEPDOWN CORNER SET

TOP CHORD 2X4 SO. PINE #2 or Better
BOT CHORD 2X4 SO. PINE #2 or Better
WEBS 2X4 SO. PINE #3 or Better

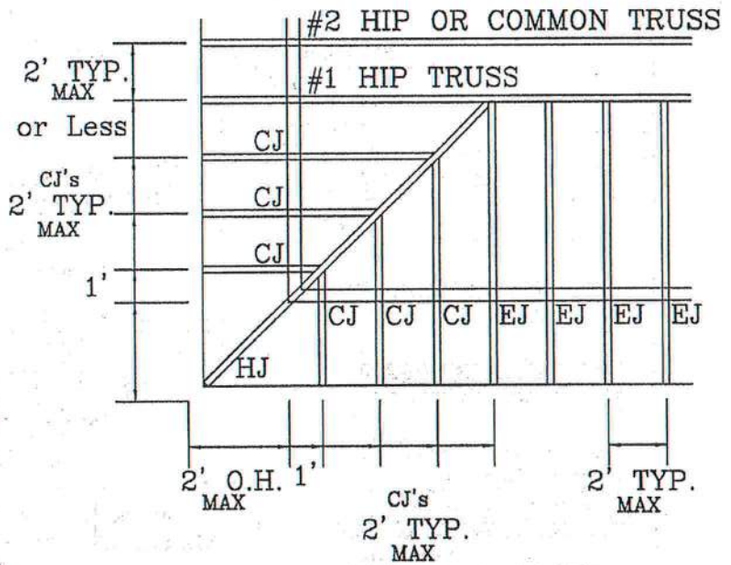
120 MPH MAX

Setback 7' or Less

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.
UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND SPEED=120 "C" MPH. MEAN HGT=28 FT. ENCLOSED. (ASCE 7-02)

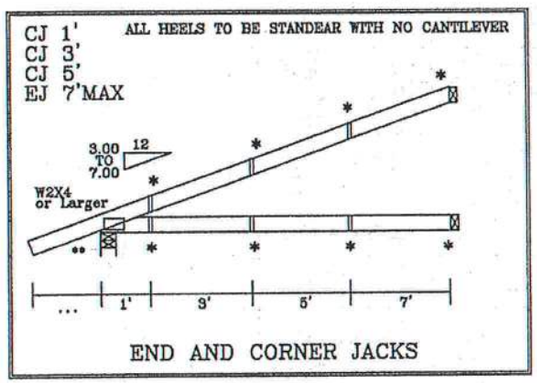
PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED. TILE
UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 15.0 PSF TOTAL DEAD LOAD. WIND SPEED=120 "C" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED. (ASCE 7-02)

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.
UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND SPEED=120 "B" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED. (ASCE 7-02)

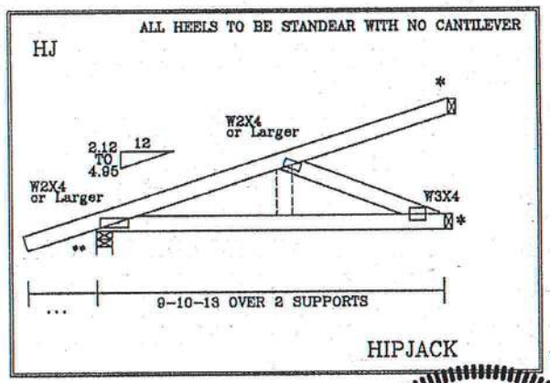


* (3) 16d TOENAILS

** SEE EOR FOR TIE DOWN



END AND CORNER JACKS



HIPJACK

UPLIFT VALUES DO TAKE INTO ACCOUNT PORCHES EXPOSED
BC LIVE LOAD IS NON CONCURRENT 10*

SHINGLE			
TC	LL	20	MAX PSF
TC	DL	7	MAX PSF
BC	LL	10*	MAX PSF
BC	DL	5	MAX PSF
TILE			
TC	LL	20	MAX PSF
TC	DL	20	MAX PSF
BC	LL	10*	MAX PSF
BC	DL	5	MAX PSF
DUR. FAC.		1.25	
SPACING		2' MAX	

REF	7'MAX STBK CS
DATE	Jun./27/2008
DRWG	
-ENG	

REVIEWED
By julius lee at 10:52 am, Jun 27, 2008

CORNER SET SETBACK
7'0" MAX

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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JULIUS LEE
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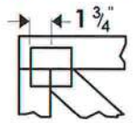
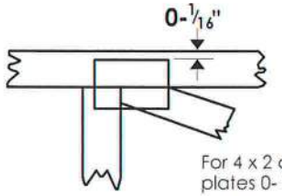
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161
NO. 54859
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

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

PLATE SIZE

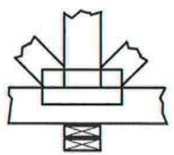
4 x 4

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

LATERAL BRACING LOCATION

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

BEARING

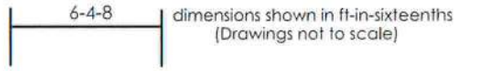


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

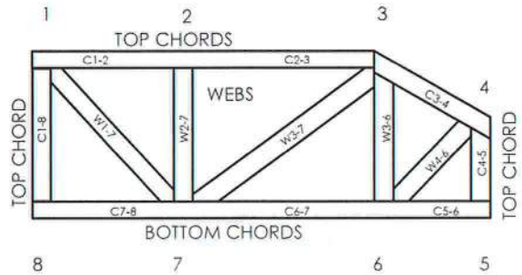
Industry Standards:

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

Numbering System



dimensions shown in ft-in-sixteenths (Drawings not to scale)



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

Your Company Information and logo

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708110
370290	T26	MONO HIP	1	1	Job Reference (optional)	

Builders FrstSource, Lake City, FL 32055 — 7.140 s Oct 1 2009 MiTek Industries, Inc. Thu Apr 21 03:39:12 2011 Page 1

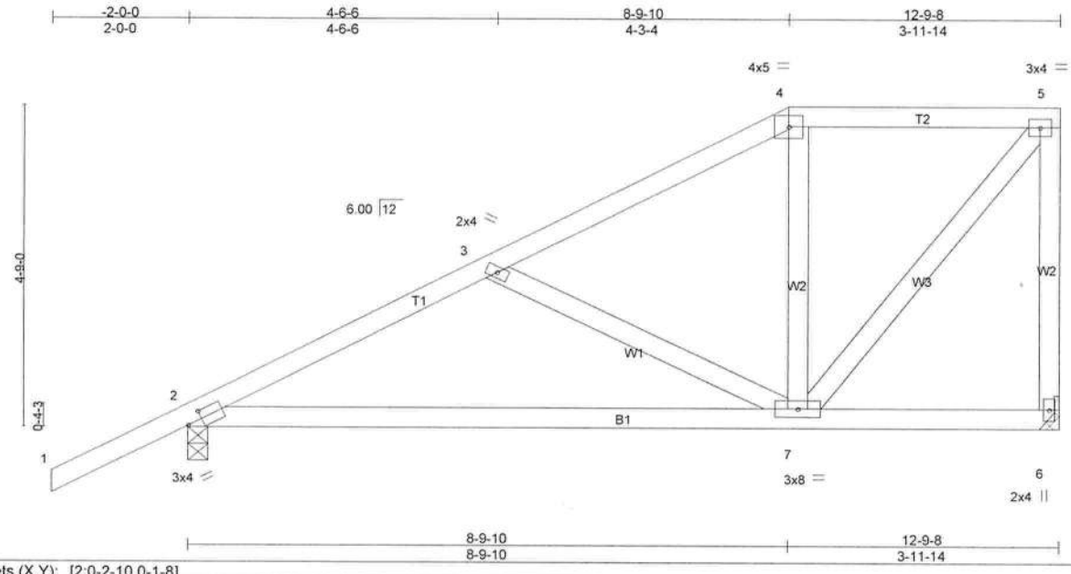


Plate Offsets (X,Y): [2:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.14	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.24	2-7	>614	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(TL)	-0.01	6	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.01	7	>999	240	Weight: 71 lb	

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

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

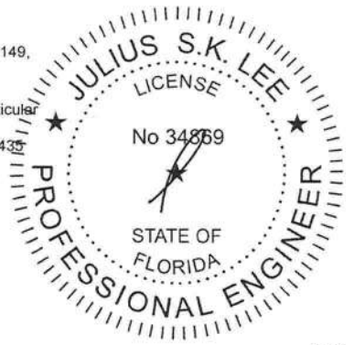
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 6=390/Mechanical, 2=526/0-3-8
Max Horz 2=241(LC 6)
Max Uplift 6=-149(LC 5), 2=-253(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-598/381, 3-4=-336/187, 5-6=-385/370
BOT CHORD 2-7=-551/482
WEBS 3-7=-259/350, 5-7=-349/376

NOTES (9-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=149, 2=253.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
11) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard



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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708109
370290	T25	MONO HIP	1	1	Job Reference (optional)	

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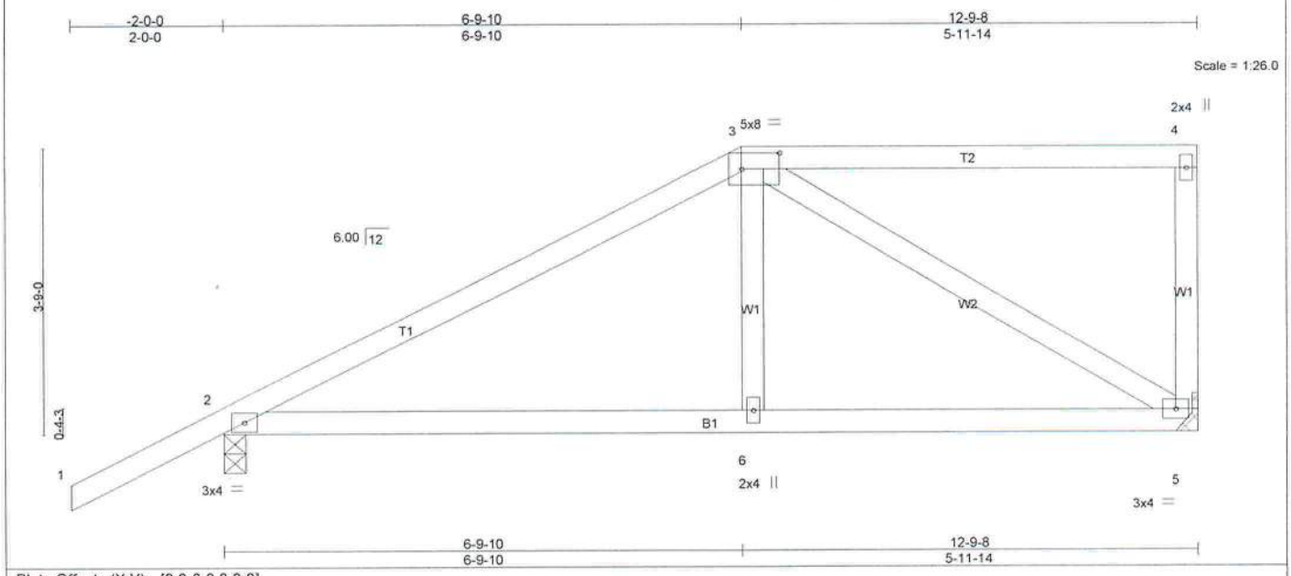


Plate Offsets (X,Y): [3:0-6-0,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.05	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.10	2-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.04	2-6	>999	240	Weight: 61 lb	

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

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

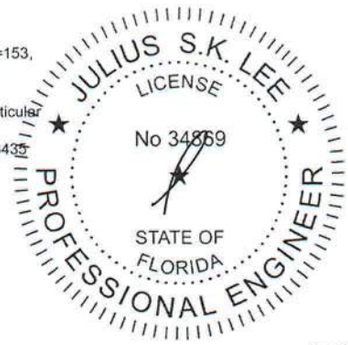
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 5=390/Mechanical, 2=526/0-3-8
Max Horz 2=201(LC 6)
Max Uplift 5=-153(LC 5), 2=-254(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-525/301
BOT CHORD 2-6=-367/391, 5-6=-365/394
WEBS 3-5=-432/401

NOTES (9-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 5=153, 2=254.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
11) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard



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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T24G	GABLE	1	1	I4708108

Job Reference (optional)

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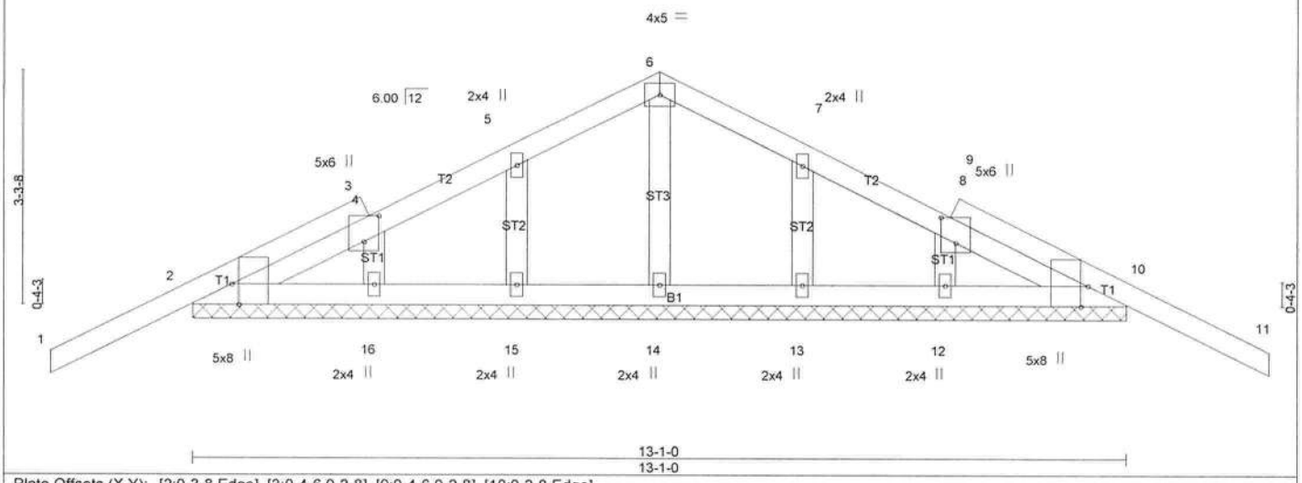
-2-0-0 / 2-0-0 — 6-6-8 / 6-6-8 — 13-1-0 / 6-6-8 — 15-1-0 / 2-0-0

Scale = 1:28.1



13-1-0 / 13-1-0

Plate Offsets (X,Y): [2:0-3-8,Edge], [3:0-4-6,0-2-8], [9:0-4-6,0-2-8], [10:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	-0.04	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.07	11	n/r	90		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.07	Horz(TL)	0.00	10	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)							Weight: 66 lb	

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

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 13-1-0.
(lb) - Max Horz 2=-100(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) 14 except 2=-418(LC 6), 10=-435(LC 7), 15=-230(LC 6), 16=-114(LC 7), 13=-230(LC 7), 12=-111(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 14, 16, 12 except 2=468(LC 1), 10=468(LC 1), 15=277(LC 10), 13=277(LC 11)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-15=-254/292, 7-13=-254/292

NOTES (12-13)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1-2002.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
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 2-0-0 wide will fit between the bottom chord and any other members.
8) All bearings are assumed to be SYP No.2 .
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14 except (jt=lb) 2=418, 10=435, 15=230, 16=114, 13=230, 12=111.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-114(F=-60), 3-4=114(F=60), 4-6=-114(F=-60), 6-8=-114(F=-60), 8-9=114(F=60), 9-11=-114(F=-60), 2-10=-10

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T24	COMMON	4	1	I4708107
					Job Reference (optional)

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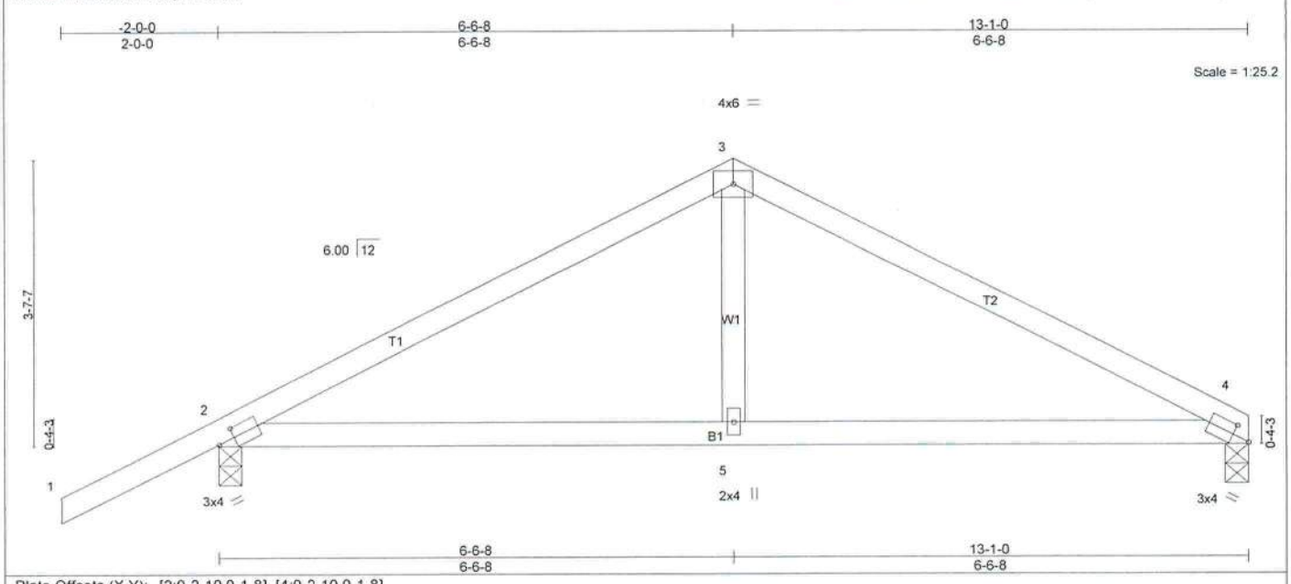


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [4:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.04	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.08	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.05	4-5	>999	240	Weight: 49 lb	

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

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

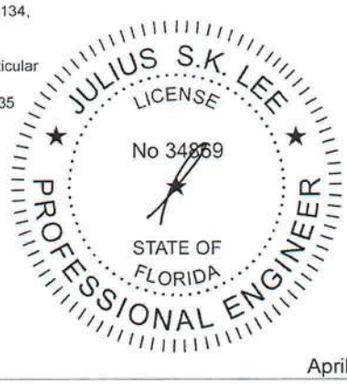
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=400/0-3-8, 2=535/0-3-8
Max Horz 2=110(LC 6)
Max Uplift 4=-134(LC 7), 2=-267(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-571/421, 3-4=-564/407
BOT CHORD 2-5=-239/434, 4-5=-239/434

NOTES (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=134, 2=267.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 21,2011

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708106
370290	T23	COMMON	2	1	Job Reference (optional)	

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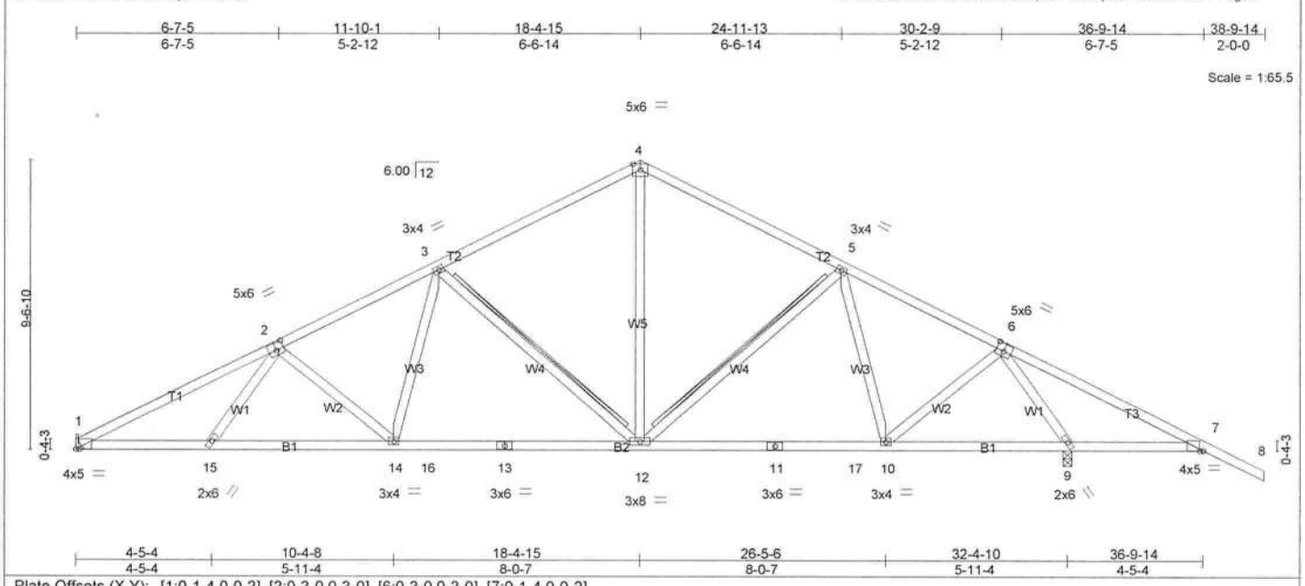

Plate Offsets (X,Y): [1:0-1-4,0-0-2], [2:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:0-1-4,0-0-2]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.15	12-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.26	12-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.07	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.12	14	>999	240	Weight: 202 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-12, 3-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=1088/Mechanical, 9=1573/0-3-8
Max Horz 1=-199(LC 7)
Max Uplift 1=-349(LC 6), 9=-720(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2079/1343, 2-3=-1753/1222, 3-4=-1155/882, 4-5=-1155/882, 5-6=-1120/646, 6-7=-1027/716
BOT CHORD 1-15=-985/1782, 14-15=-989/1750, 14-16=-633/1421, 13-16=-633/1421, 12-13=-633/1421, 11-12=-265/1014, 11-17=-265/1014, 10-17=-265/1014, 9-10=-90/461, 7-9=-567/1113
WEBS 4-12=-428/619, 5-10=-292/385, 6-10=-466/647, 3-12=-634/601, 3-14=-228/379, 2-14=-320/404, 6-9=-1824/1665

NOTES (10-12)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; cantilever right 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
5) All bearings are assumed to be SYP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=349, 9=720.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
12) Use Simpson HTU26 to attach Truss to Carrying member

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

LOAD CASE(S) Standard

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708105
370290	T22	SPECIAL	4	1	Job Reference (optional)	

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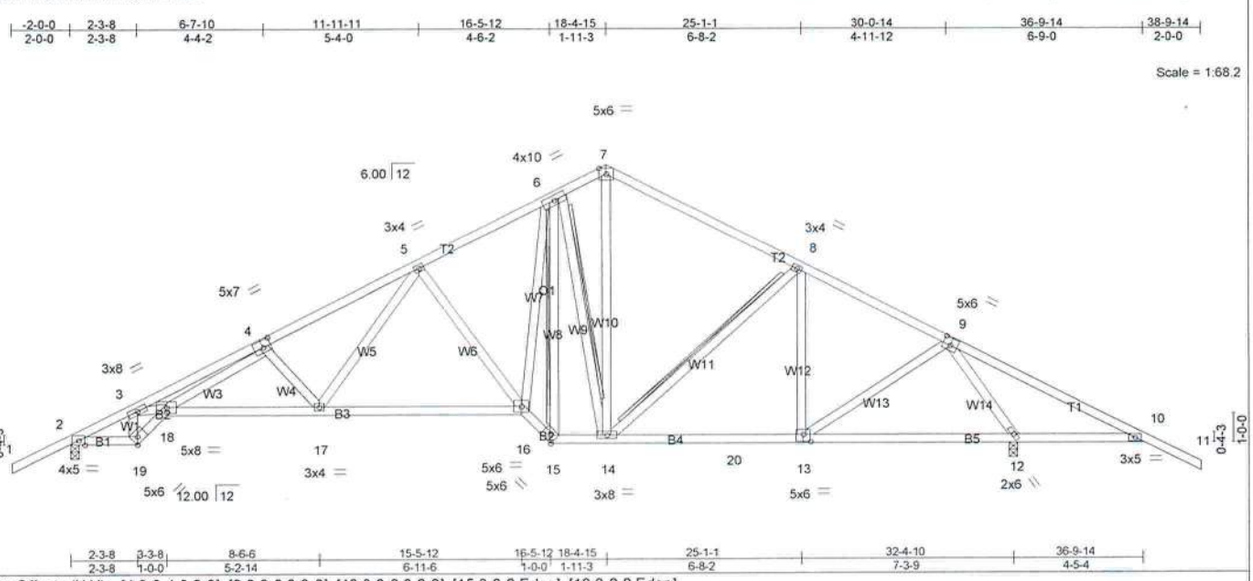


Plate Offsets (X,Y): [4:0-3-4,0-3-0], [9:0-3-0,0-3-0], [13:0-3-0,0-3-0], [15:0-2-8,Edge], [19:0-2-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	-0.21	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.42	16-17	>924	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(TL)	0.22	12	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.29	17-18	>999	240	Weight: 239 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-4-12 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-15, 6-14, 8-14
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

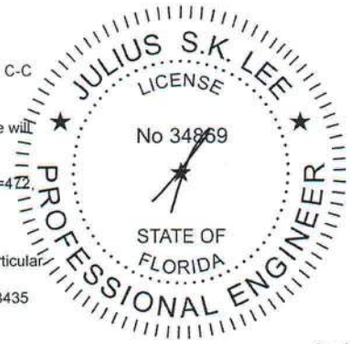
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1144/0-3-8, 12=1525/0-3-8
Max Horz 2=-182(LC 7)
Max Uplift 2=-472(LC 6), 12=-573(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1866/1233, 3-4=-4181/2629, 4-5=-2180/1568, 5-6=-1391/1111, 6-7=-988/950, 7-8=-1069/901, 8-9=-1145/796, 9-10=-802/705
BOT CHORD 2-19=-892/1563, 18-19=-1068/1883, 17-18=-1334/2265, 16-17=-743/1521, 15-16=-406/1316, 14-15=-320/994, 14-20=-316/972, 13-20=-316/972, 12-13=-84/409, 10-12=-558/914
WEBS 3-19=-1245/766, 3-18=-1339/2336, 4-18=-967/1786, 4-17=-575/520, 5-17=-448/656, 5-16=-583/568, 6-16=-700/1388, 6-15=-826/235, 6-14=-550/523, 7-14=-559/619, 8-13=-207/297, 9-13=-453/668, 9-12=-1737/1523

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=472, 12=573.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 21,2011

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708104
370290	T21	SPECIAL	1	1	Job Reference (optional)	

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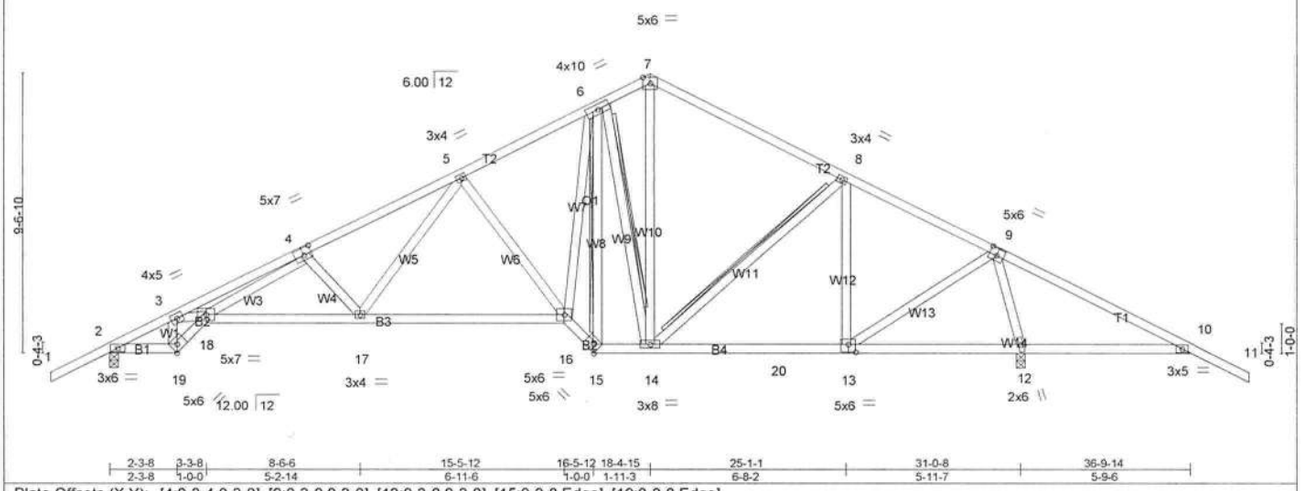
-2-0-0 | 2-3-8 | 6-7-10 | 11-11-11 | 16-5-12 | 18-4-15 | 25-1-1 | 30-0-14 | 36-9-14 | 38-9-14
2-0-0 | 2-3-8 | 4-4-2 | 5-4-0 | 4-6-2 | 1-11-3 | 6-8-2 | 4-11-12 | 6-9-0 | 2-0-0

Scale = 1:68.2



2-3-8 | 3-3-8 | 8-6-6 | 15-5-12 | 16-5-12 | 18-4-15 | 25-1-1 | 31-0-8 | 36-9-14
2-3-8 | 1-0-0 | 5-2-14 | 6-11-6 | 1-0-0 | 1-11-3 | 6-8-2 | 5-11-7 | 5-9-6

Plate Offsets (X,Y): [4:0-3-4,0-3-0], [9:0-3-0,0-3-0], [13:0-3-0,0-3-0], [15:0-2-8,Edge], [19:0-2-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	-0.19	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.37	16-17	>992	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.19	12	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.24	17-18	>999	240	Weight: 238 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-9-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-10 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-15, 6-14, 8-14
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1075/0-3-8, 12=1594/0-3-8
Max Horz 2=-182(LC 7)
Max Uplift 2=-457(LC 6), 12=-798(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1728/1064, 3-4=-3852/2229, 4-5=-1983/1327, 5-6=-1217/898, 6-7=-836/765, 7-8=-916/715, 8-9=-814/391, 9-10=-1093/735
BOT CHORD 2-19=-748/1446, 18-19=-896/1742, 17-18=-1101/2074, 16-17=-544/1358, 15-16=-236/1135, 14-15=-188/856, 14-20=-113/678, 13-20=-113/678, 12-13=-263/808, 10-12=-583/1168
WEBS 3-19=-1153/654, 3-18=-1107/2146, 4-18=-812/1660, 4-17=-552/493, 5-17=-418/632, 5-16=-571/553, 6-16=-544/1259, 6-15=-717/132, 6-14=-546/512, 7-14=-395/515, 8-13=-424/563, 9-13=-901/1052, 9-12=-1568/1518

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; cantilever right 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=457, 12=798.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

LOAD CASE(S) Standard

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708103
370290	T20	SPECIAL	1	1	Job Reference (optional)	

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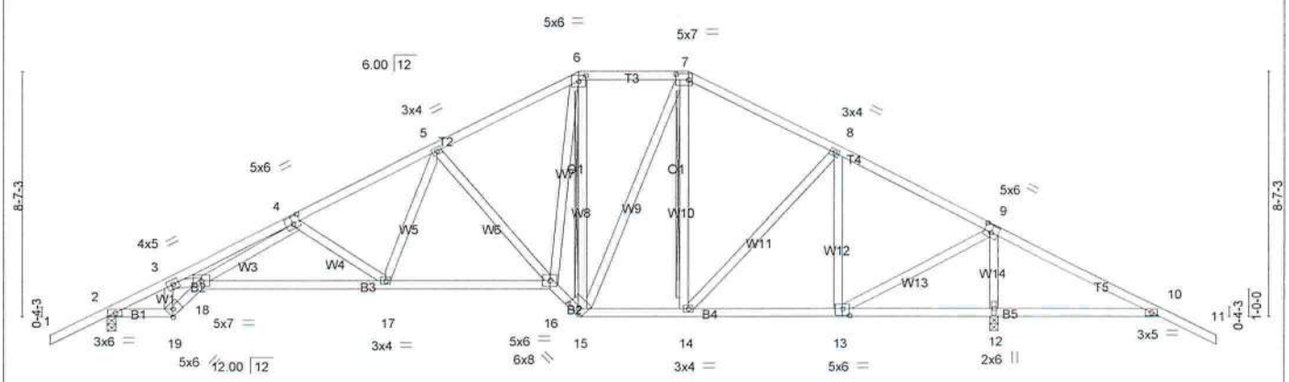
-2-0-0 2-0-0 | 2-3-8 2-3-8 | 6-7-0 4-3-8 | 11-6-4 4-11-4 | 16-6-0 4-11-12 | 20-3-14 3-9-14 | 25-6-15 5-3-1 | 31-0-8 5-5-9 | 36-9-14 5-9-6 | 38-9-14 2-0-0

Scale = 1:69.4



2-3-8 2-3-8 | 3-3-8 1-0-0 | 9-8-14 6-5-6 | 15-5-12 5-8-15 | 16-5-12 1-0-0 | 20-3-14 3-10-2 | 25-6-15 5-3-1 | 31-0-8 5-5-9 | 36-9-14 5-9-6

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [6:0-3-0,0-2-7], [7:0-5-4,0-2-8], [9:0-3-0,0-3-0], [13:0-3-0,0-3-0], [15:0-4-12,0-1-8], [19:0-2-8,Edge]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.18	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.38	17-18	>975	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.18	12	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.24	17-18	>999	240	Weight: 234 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-10-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-15, 7-14
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1050/0-3-8, 12=1521/0-3-8
Max Horz 2=168(LC 6)
Max Uplift 2=-448(LC 6), 12=-786(LC 7)

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

TOP CHORD 2-3=-1677/1046, 3-4=-3773/2189, 4-5=-1752/1175, 5-6=-1155/864, 6-7=-809/765, 7-8=-851/665, 8-9=-678/314, 9-10=-1054/685
BOT CHORD 2-19=-733/1402, 18-19=-879/1703, 17-18=-1087/2012, 16-17=-559/1351, 15-16=-199/1073, 14-15=-97/696, 13-14=-83/545, 12-13=-522/1095, 10-12=-544/1121
WEBS 3-19=-1142/645, 3-18=-1086/2117, 4-18=-789/1655, 4-17=-603/521, 5-17=-282/467, 5-16=-596/558, 6-16=-510/1193, 6-15=-909/334, 7-15=-251/314, 8-13=-534/610, 9-13=-1128/1212, 9-12=-1446/1471

NOTES (10-11)

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; cantilever 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 2-0-0 wide will fit between the bottom chord and any other members.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=448, 12=786.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

LOAD CASE(S) Standard

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708102
370290	T19	HIP	1	1	Job Reference (optional)	

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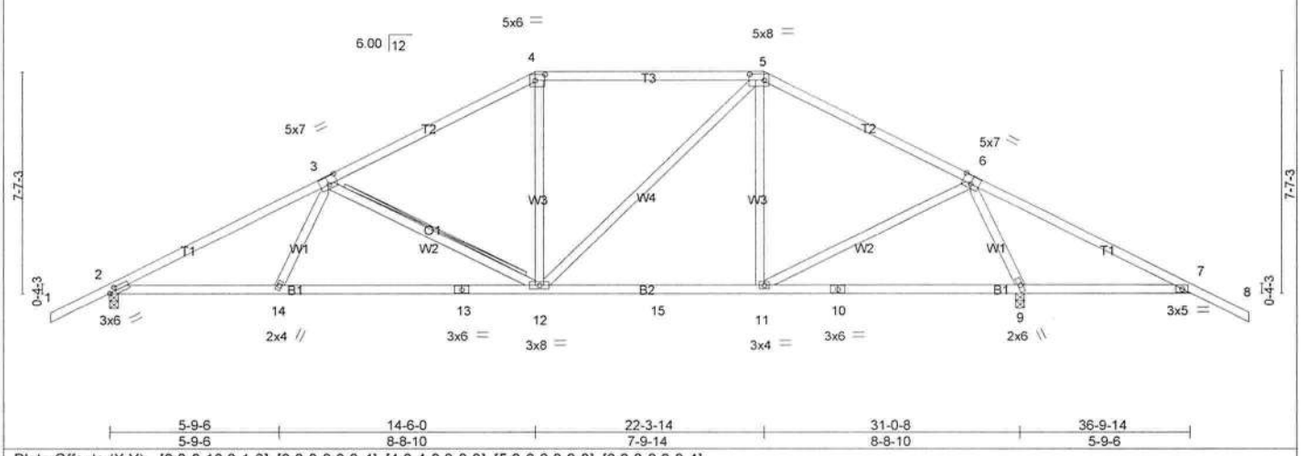
-2-0-0 | 7-5-9 | 14-6-0 | 22-3-14 | 29-4-5 | 36-9-14 | 38-9-14
2-0-0 | 7-5-9 | 7-0-7 | 7-9-14 | 7-0-7 | 7-5-9 | 2-0-0

Scale = 1:68.2



5-9-6 | 14-6-0 | 22-3-14 | 31-0-8 | 36-9-14
5-9-6 | 8-8-10 | 7-9-14 | 8-8-10 | 5-9-6

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [3:0-3-8,0-3-4], [4:0-4-0,0-2-8], [5:0-6-0,0-2-8], [6:0-3-8,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.15	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.28	12-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.09	12-14	>999	240	Weight: 192 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1103/0-3-8, 9=1611/0-3-8
Max Horz 2=153(LC 6)
Max Uplift 2=-437(LC 6), 9=-766(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1805/1068, 3-4=-1266/818, 4-5=-1053/822, 5-6=-1023/560, 6-7=-1124/766
BOT CHORD 2-14=-721/1529, 13-14=-743/1492, 12-13=-743/1492, 12-15=-79/827, 11-15=-79/827, 10-11=0/516, 9-10=0/516, 7-9=-596/1201
WEBS 3-14=0/271, 3-12=-499/550, 5-12=-331/335, 5-11=-180/352, 6-11=-608/813, 6-9=-1677/1627

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; cantilever 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=437, 9=766.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708101
370290	T18	SPECIAL	1	1	Job Reference (optional)	

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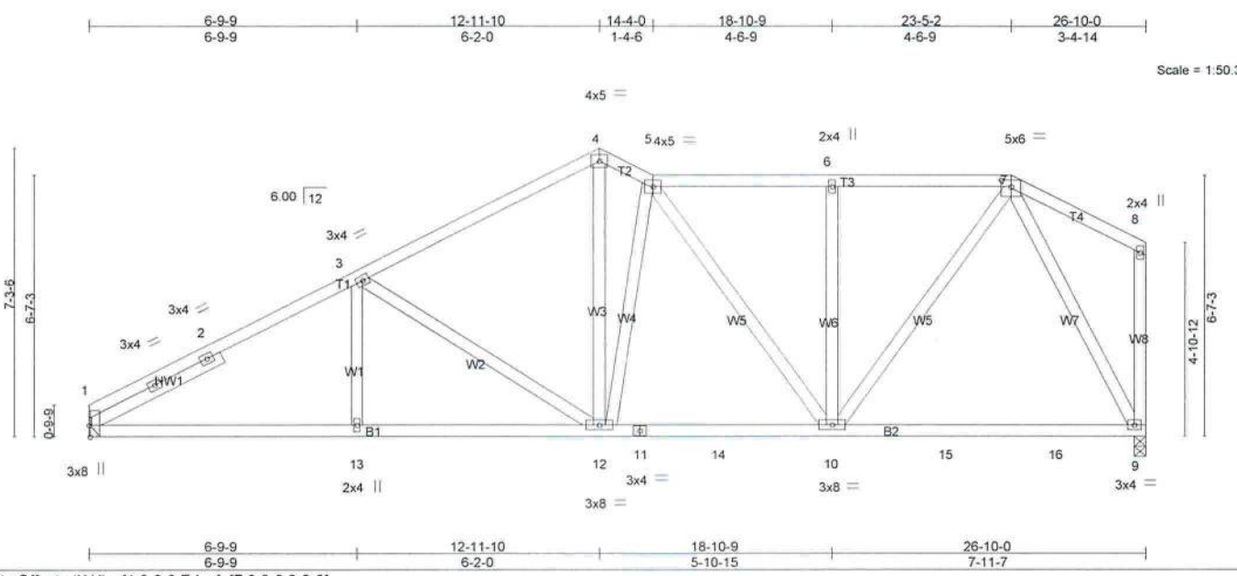

Plate Offsets (X,Y): [1:0-3-8,Edge], [7:0-3-0,0-2-0]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.12	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.21	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.07	12-13	>999	240	Weight: 172 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 *Except*
W8: 2 X 4 SYP No.2
SLIDER Left 2 X 4 SYP No.2 3-9-9

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-3-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-2-14 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=904/Mechanical, 9=995/0-3-8
Max Horz 1=223(LC 6)
Max Uplift 1=-271(LC 6), 9=-303(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1495/974, 2-3=-1351/995, 3-4=-1116/805, 4-5=-1020/839, 5-6=-889/687, 6-7=-889/687
BOT CHORD 1-13=-1029/1240, 12-13=-1029/1240, 11-12=-710/1008, 11-14=-710/1008, 10-14=-710/1008, 10-15=-297/440, 15-16=-297/440, 9-16=-297/440
WEBS 3-12=-396/446, 4-12=-475/658, 5-12=-422/274, 6-10=-284/266, 7-10=-486/768, 7-9=-913/639

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) All bearings are assumed to be SYP No.2 .
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=271, 9=303.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T17	SPECIAL	1	1	I4708100
					Job Reference (optional)

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-4=-54, 4-7=-54, 7-8=-54, 8-9=-54, 9-11=-54, 11-12=-54, 2-18=-10, 17-18=-10, 16-17=-10, 15-16=-10, 13-15=-10
   Concentrated Loads (lb)
   Vert: 3=42(B) 21=-230(B)

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708100
370290	T17	SPECIAL	1	1	Job Reference (optional)	

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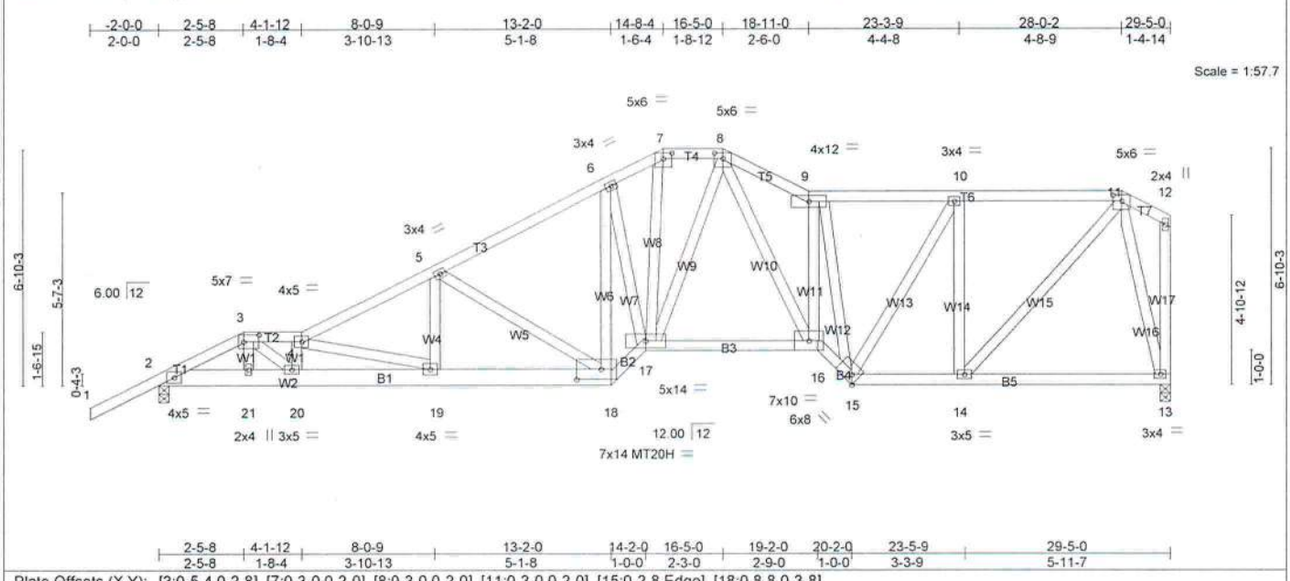

Plate Offsets (X,Y): [3:0-5-4,0-2-8], [7:0-3-0,0-2-0], [8:0-3-0,0-2-0], [11:0-3-0,0-2-0], [15:0-2-8,Edge], [18:0-8-8,0-3-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	-0.15	16-17	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.29	16-17	>999	240	MT20H	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.90	Horz(TL)	0.12	13	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.13	16-17	>999	240	Weight: 224 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B1: 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3 *Except*
W17: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-9-1 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1224/0-3-8, 13=944/0-3-8
Max Horz 2=279(LC 5)
Max Uplift 2=-527(LC 5), 13=-324(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2074/633, 3-4=-2664/852, 4-5=-2066/643, 5-6=-1442/454, 6-7=-1517/545, 7-8=-1262/463, 8-9=-1712/587, 9-10=-1118/375, 10-11=-875/312
BOT CHORD 2-21=-737/1809, 20-21=-741/1839, 19-20=-1048/2755, 18-19=-703/1829, 17-18=-572/1636, 16-17=-384/1230, 15-16=-665/2179, 14-15=-286/874
WEBS 3-20=-349/1043, 4-20=-747/257, 4-19=-968/361, 5-19=-89/382, 5-18=-699/318, 6-18=-693/226, 6-17=-103/441, 7-17=-238/622, 8-16=-258/619, 9-16=-296/989, 9-15=-1946/598, 10-15=-174/479, 10-14=-702/276, 11-14=-312/985, 11-13=-919/337

NOTES (12-13)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SYP No.2 .
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=527, 13=324.
9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 42 lb up at 2-5-8 on top chord, and 230 lb down and 101 lb up at 2-5-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

LOAD CASE(S) Standard

Continued on page 2

April 21,2011

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708099
370290	T16	SPECIAL	1	1	Job Reference (optional)	

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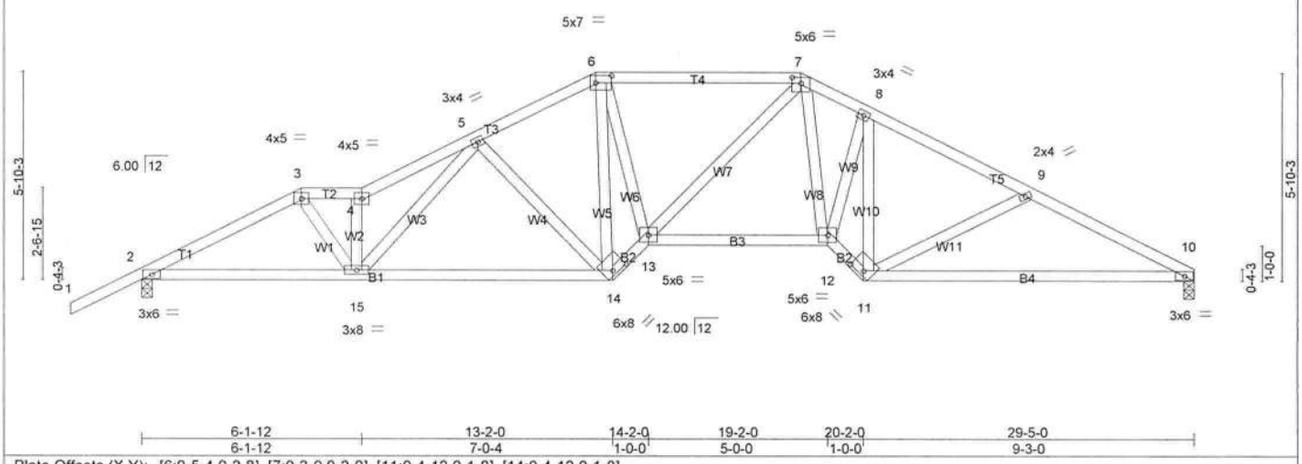
-2-0-0 | 4-5-8 | 6-1-12 | 9-4-11 | 12-8-4 | 18-5-0 | 20-2-0 | 24-8-5 | 29-5-0
2-0-0 | 4-5-8 | 1-8-4 | 3-2-15 | 3-3-9 | 5-8-12 | 1-9-0 | 4-6-4 | 4-8-12

Scale = 1:56.0



6-1-12 | 13-2-0 | 14-2-0 | 19-2-0 | 20-2-0 | 29-5-0
6-1-12 | 7-0-4 | 1-0-0 | 5-0-0 | 1-0-0 | 9-3-0

Plate Offsets (X,Y): [6:0-5-4,0-2-8], [7:0-3-0,0-2-0], [11:0-4-12,0-1-8], [14:0-4-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.23	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.44	10-11	>790	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(TL)	0.12	10	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.20	12-13	>999	240	Weight: 167 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-7 oc bracing.

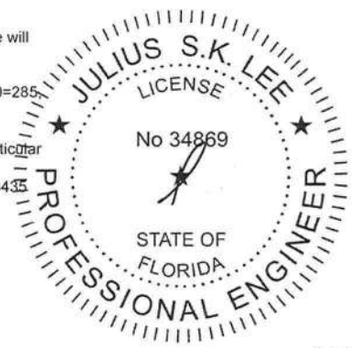
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 10=928/0-3-8, 2=1052/0-3-8
Max Horz 2=144(LC 6)
Max Uplift 10=-285(LC 7), 2=-425(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1716/1203, 3-4=-1870/1393, 4-5=-2185/1669, 5-6=-1361/1112, 6-7=-1452/1200, 7-8=-1689/1376, 8-9=-1486/1152, 9-10=-1750/1356
BOT CHORD 2-15=-964/1462, 14-15=-992/1501, 13-14=-904/1535, 12-13=-829/1409, 11-12=-1114/1741, 10-11=-1127/1521
WEBS 3-15=-505/728, 4-15=-1051/842, 5-15=-470/664, 5-14=-458/439, 6-14=-666/317, 6-13=-603/1061, 7-12=-416/500, 8-12=-399/809, 8-11=-1036/660, 9-11=-281/369

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=285, 2=425.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 21,2011

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708098
370290	T15	SPECIAL	1	1	Job Reference (optional)	

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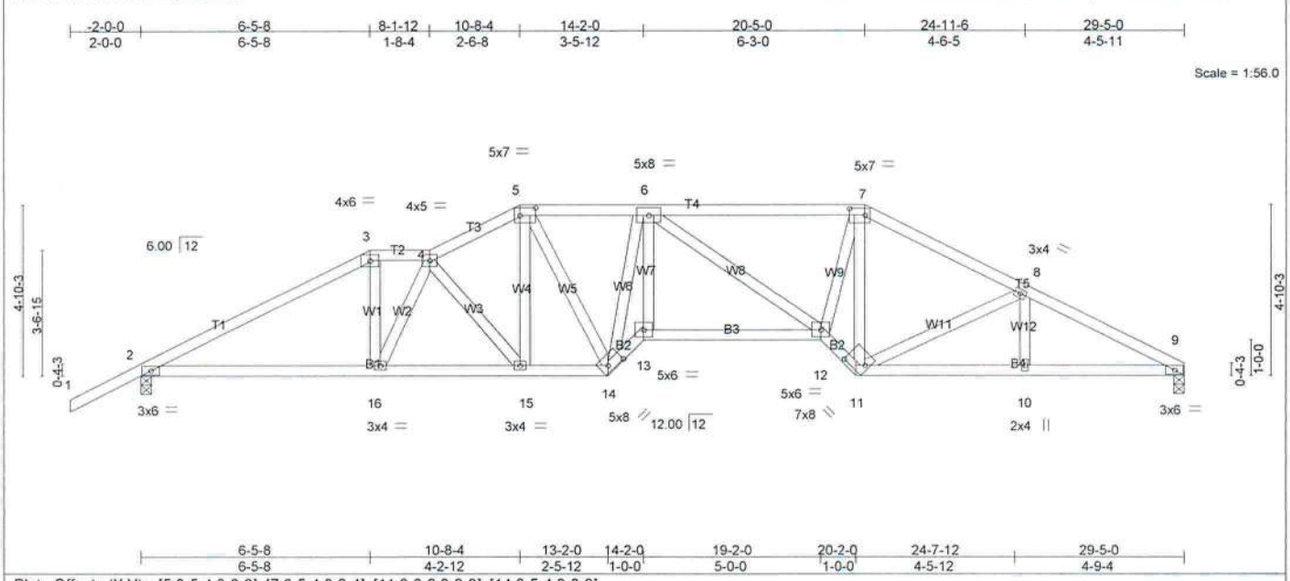


Plate Offsets (X,Y): [5:0-5-4,0-2-8], [7:0-5-4,0-2-4], [11:0-6-9,0-3-8], [14:0-5-4,0-2-0]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.19	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.37	12-13	>940	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.17	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.27	12-13	>999	240	Weight: 167 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-9-8 oc bracing.

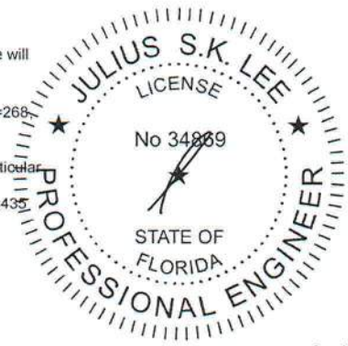
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 9=928/0-3-8, 2=1052/0-3-8
Max Horz 2=129(LC 6)
Max Uplift 9=-268(LC 7), 2=-409(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1674/1153, 3-4=-1433/1117, 4-5=-1530/1201, 5-6=-1481/1210, 6-7=-1700/1331, 7-8=-1477/1131, 8-9=-1774/1298
BOT CHORD 2-16=-895/1412, 15-16=-1050/1618, 14-15=-832/1362, 13-14=-1726/2776, 12-13=-1204/1923, 11-12=-1042/1698, 10-11=-1079/1538, 9-10=-1079/1538
WEBS 3-16=-270/469, 4-16=-435/335, 4-15=-418/356, 5-15=-228/299, 5-14=-181/327, 6-14=-2140/1367, 6-13=-1169/1950, 6-12=-375/204, 7-12=-876/1459, 7-11=-1020/591, 8-11=-303/331

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=268, 2=409.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 21,2011

Your Company Name

11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

12) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-8=-54, 8-9=-54, 2-14=-10, 13-14=-10, 12-13=-10, 11-12=-10, 9-11=-10

Concentrated Loads (lb)

Vert: 3=-208(F) 8=-208(F) 13=-63(F) 11=-32(F) 15=-208(F) 7=-103(F) 10=-208(F) 16=-103(F) 17=-103(F) 18=-103(F) 19=-77(F) 20=-77(F) 21=-77(F) 22=-32(F) 23=-32(F) 24=-32(F) 25=-63(F) 26=-63(F)

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708097
370290	T14	SPECIAL	1	1	Job Reference (optional)	

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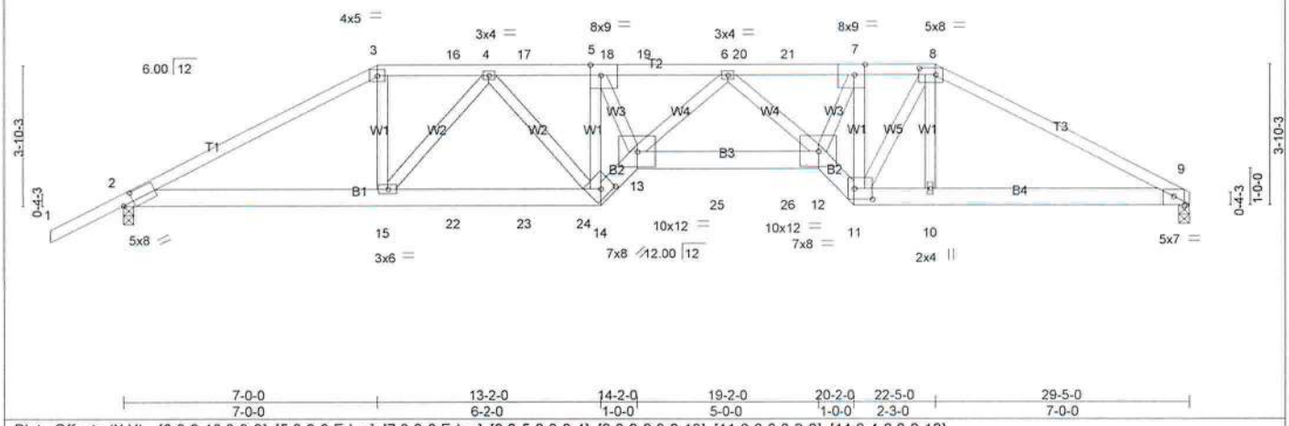
-2-0-0 | 7-0-0 | 10-1-0 | 13-2-0 | 16-8-0 | 20-2-0 | 22-5-0 | 29-5-0

2-0-0 | 7-0-0 | 3-1-0 | 3-1-0 | 3-6-0 | 3-6-0 | 2-3-0 | 7-0-0

Scale = 1:54.7



7-0-0 | 13-2-0 | 14-2-0 | 19-2-0 | 20-2-0 | 22-5-0 | 29-5-0

7-0-0 | 6-2-0 | 1-0-0 | 5-0-0 | 1-0-0 | 2-3-0 | 7-0-0

Plate Offsets (X,Y): [2:0-3-10,0-3-0], [5:0-3-8,Edge], [7:0-3-8,Edge], [8:0-5-8,0-2-4], [9:0-3-8,0-2-13], [11:0-6-0,0-3-8], [14:0-4-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.84	Vert(LL)	-0.40	12-13	>877	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.87	Vert(TL)	-0.78	12-13	>447	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.97	Horz(TL)	0.25	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.48	12-13	>734	240	Weight: 175 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*
W3: 2 X 4 SYP No.2

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 9=1820/0-3-8, 2=1951/0-3-8
Max Horz 2=118(LC 5)
Max Uplift 9=-894(LC 6), 2=-1034(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3647/1810, 3-16=-3220/1670, 4-16=-3219/1670, 4-17=-4417/2230, 17-18=-4417/2230, 5-18=-4417/2230, 5-19=-5946/2974, 19-20=-5946/2974, 6-20=-5946/2974, 6-21=-5386/2694, 7-21=-5386/2694, 7-8=-3861/1983, 8-9=-3655/1822
BOT CHORD 2-15=-1606/3173, 15-22=-1998/3944, 22-23=-1997/3945, 23-24=-1997/3945, 14-24=-1997/3945, 13-14=-2765/5572, 13-25=-2916/5865, 25-26=-2916/5865, 12-26=-2916/5865, 11-12=-2356/4785, 10-11=-1565/3194, 9-10=-1564/3188
WEBS 3-15=-476/1149, 4-15=-1195/641, 4-14=-320/738, 5-14=-3983/2021, 5-13=-1975/4040, 6-12=-698/377, 7-12=-1932/4013, 7-11=-3812/1922, 8-11=-658/1311, 8-10=0/288

NOTES (11-12)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=894, 2=1034.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 208 lb down and 253 lb up at 7-0-0, 103 lb down and 98 lb up at 9-0-12, 103 lb down and 98 lb up at 11-0-12, 103 lb down and 98 lb up at 12-8-8, 77 lb down and 74 lb up at 14-4-4, 77 lb down and 74 lb up at 16-4-4, 77 lb down and 74 lb up at 18-4-4, and 103 lb down and 98 lb up at 20-4-4, and 248 lb down and 253 lb up at 22-5-0 on top chord, and 265 lb down and 107 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 12-8-8, 76 lb down and 14 lb up at 14-2-0, 76 lb down and 14 lb up at 16-4-4, 76 lb down and 14 lb up at 18-4-4, and 66 lb down at 20-2-0, and 265 lb down and 107 lb up at 22-4-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Continued on page 2

Your Company Name

12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 4-7=-54, 7-8=-54, 2-11=-10, 11-16=-50, 9-16=-10

Concentrated Loads (lb)

Vert: 3=80(F) 14=-5(F) 15=-654(F)

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T13	SPECIAL	1	1	I4708096
					Job Reference (optional)

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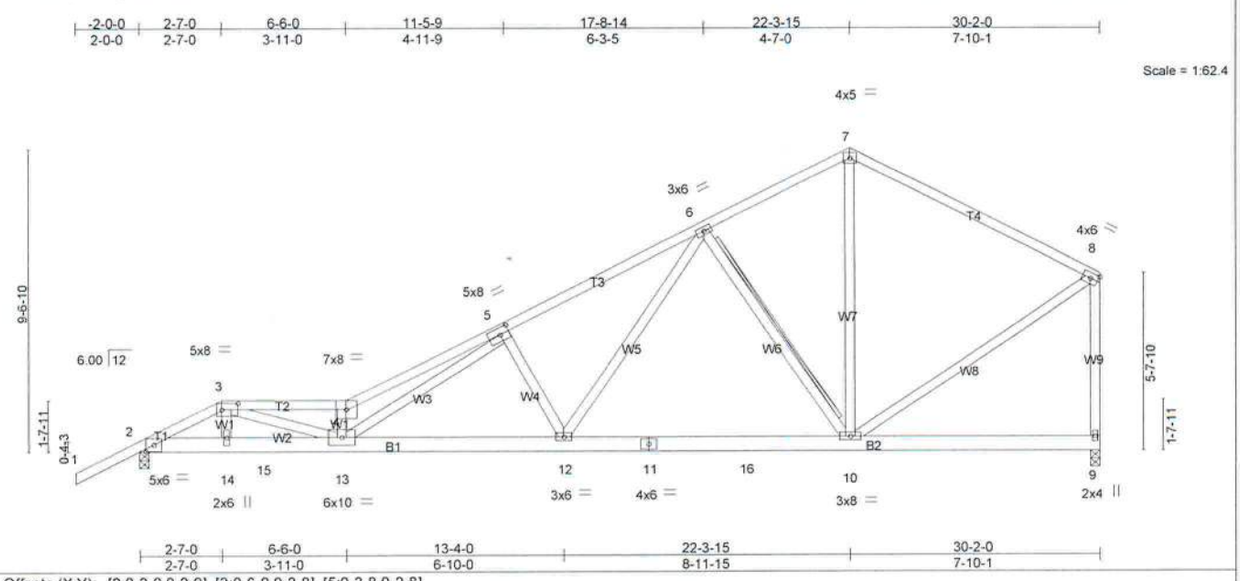

Plate Offsets (X,Y): [2:0-3-0,0-2-9], [3:0-6-0,0-2-8], [5:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.87	Vert(LL)	-0.39	12-13	>909	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.72	12-13	>500	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.69	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.34	12-13	>999	240	Weight: 203 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*
W3,W9: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-0-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-13 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1631/0-3-8, 9=1098/0-3-8
Max Horz 2=338(LC 5)
Max Uplift 2=-680(LC 5), 9=-347(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3341/1109, 3-4=-4776/1595, 4-5=-5708/1960, 5-6=-2271/773, 6-7=-883/334, 7-8=-921/332, 8-9=-1068/361
BOT CHORD 2-14=-1220/2939, 14-15=-1245/3035, 13-15=-1245/3035, 12-13=-948/2378, 11-12=-486/1254, 11-16=-486/1254, 10-16=-486/1254
WEBS 3-14=-244/836, 3-13=-602/1834, 4-13=-2712/988, 5-13=-1219/3360, 5-12=-905/451, 6-12=-465/1302, 6-10=-935/452, 7-10=-155/478, 8-10=-272/866

NOTES (12-13)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=680, 9=347.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 80 lb up at 2-7-0 on top chord, and 14 lb down at 2-7-0, and 654 lb down and 247 lb up at 3-10-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

Continued on page 2

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708095
370290	T12	SPECIAL	1	1	Job Reference (optional)	

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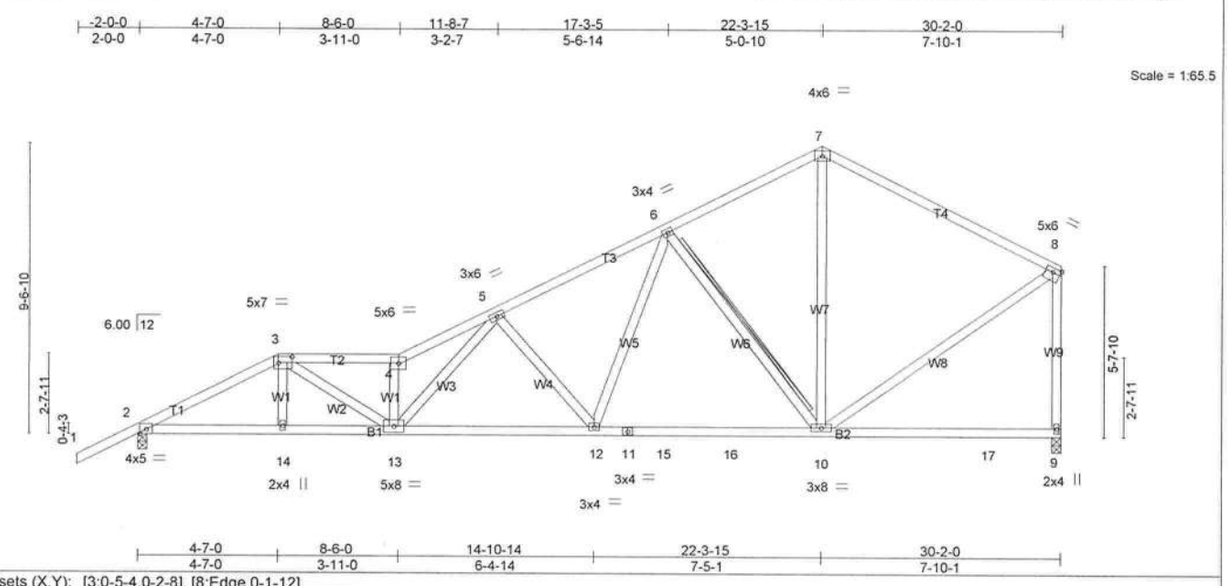

Plate Offsets (X,Y): [3:0-5-4,0-2-8], [8:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.83	Vert(LL)	-0.19	10-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.30	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.06	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.23	12-13	>999	240	Weight: 181 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 *Except*
W9: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-1 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1128/0-3-8, 9=1109/0-3-8
Max Horz 2=337(LC 6)
Max Uplift 2=-464(LC 6), 9=-317(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1892/1185, 3-4=-2552/1717, 4-5=-2965/2032, 5-6=-1657/1154, 6-7=-822/683, 7-8=-855/641, 8-9=-1003/777
BOT CHORD 2-14=-1295/1619, 13-14=-1293/1622, 12-13=-1447/1883, 11-12=-860/1165, 11-15=-860/1165, 15-16=-860/1165, 10-16=-860/1165
WEBS 3-13=-730/1095, 4-13=-1457/1046, 5-13=-819/1173, 5-12=-729/662, 6-12=-506/772, 6-10=-814/701, 7-10=-219/403, 8-10=-498/796

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=464, 9=317.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708094
370290	T11	SPECIAL	1	1	Job Reference (optional)	

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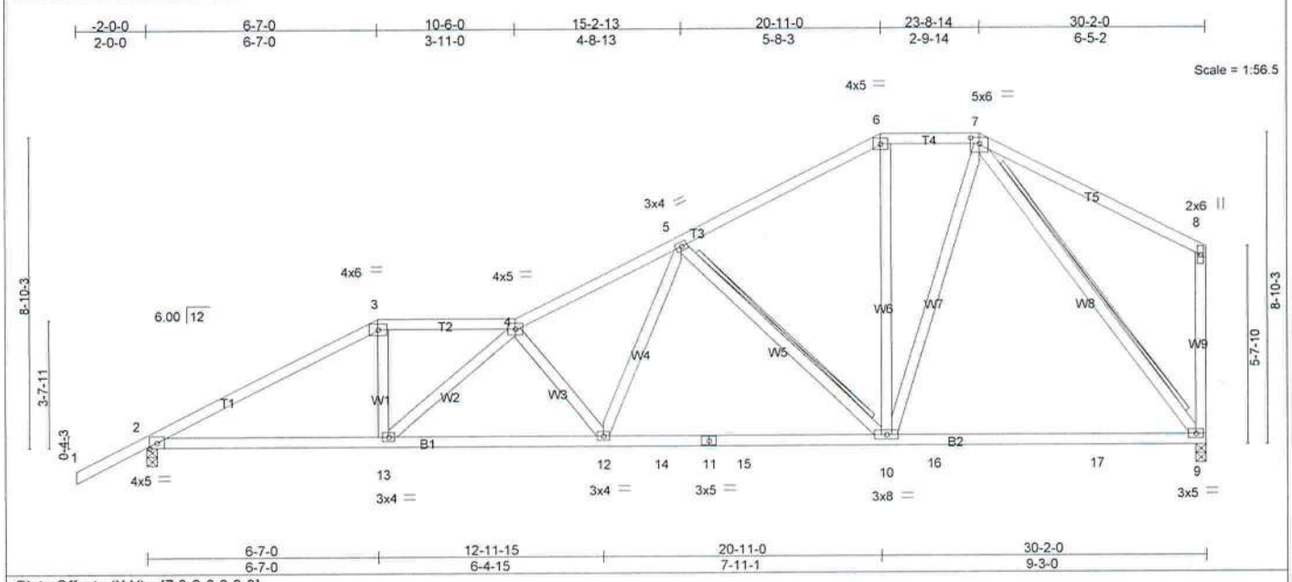

Plate Offsets (X,Y): [7:0-3-0,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.26	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.73	Vert(TL)	-0.39	9-10	>911	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.07	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.16	12	>999	240	Weight: 184 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 *Except*
W9: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-0-14 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-10, 7-9
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1155/0-3-8, 9=1156/0-3-8
Max Horz 2=326(LC 6)
Max Uplift 2=-461(LC 6), 9=-299(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1888/1143, 3-4=-1625/1109, 4-5=-1980/1286, 5-6=-1041/724, 6-7=-866/721
BOT CHORD 2-13=-1230/1601, 12-13=-1564/2163, 12-14=-1048/1462, 11-14=-1048/1462, 11-15=-1048/1462, 10-15=-1048/1462, 10-16=-416/671, 16-17=-416/671, 9-17=-416/671
WEBS 3-13=-249/545, 4-13=-718/432, 4-12=-718/583, 5-12=-458/740, 5-10=-839/742, 7-10=-345/709, 7-9=-1075/672

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=461, 9=299.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	
370290	T10	SPECIAL	1	1	Job Reference (optional)	I4708093

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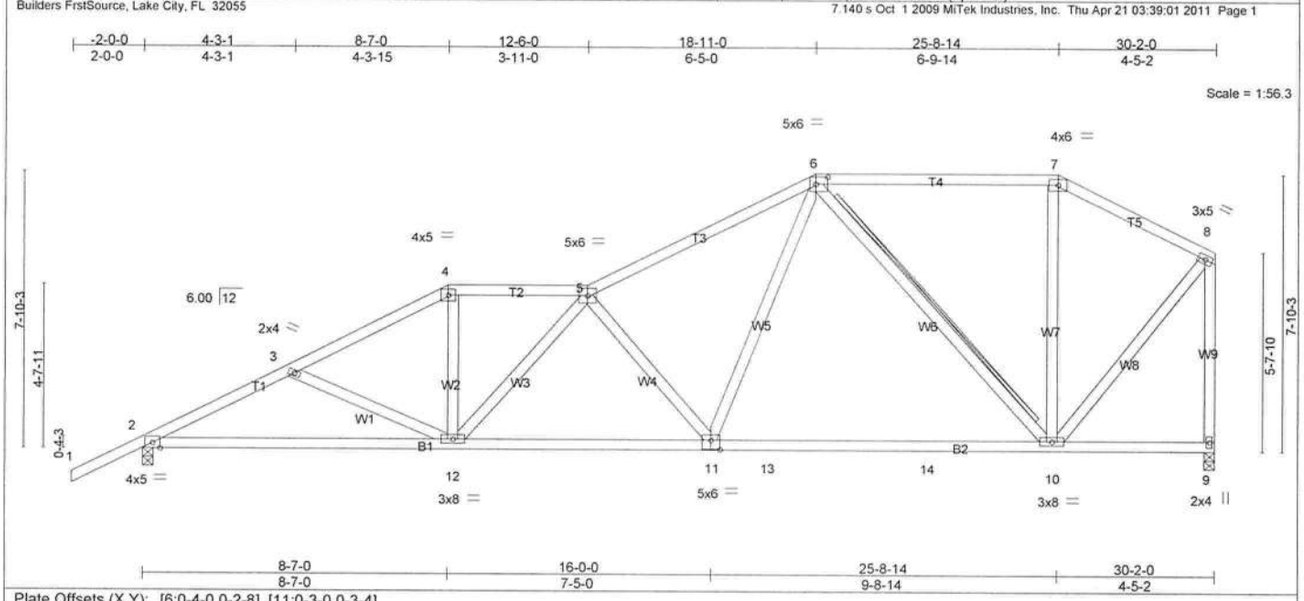

Plate Offsets (X,Y): [6:0-4-0,0-2-8], [11:0-3-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	-0.33	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.68	Vert(TL)	-0.49	10-11	>728	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.06	9	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.15	11-12	>999	240	Weight: 181 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 *Except*
W9: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-4-10 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1138/0-3-8, 9=1071/0-3-8
Max Horz 2=311(LC 6)
Max Uplift 2=-455(LC 6), 9=-276(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1902/1234, 3-4=-1670/1081, 4-5=-1460/1039, 5-6=-1556/1028, 6-7=-583/490, 7-8=-696/474, 8-9=-1098/737
BOT CHORD 2-12=-1345/1636, 11-12=-1298/1784, 11-13=-694/1022, 13-14=-694/1022, 10-14=-694/1022
WEBS 3-12=-213/271, 4-12=-273/509, 5-12=-494/292, 5-11=-730/671, 6-11=-508/844, 6-10=-682/515, 8-10=-546/919

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=455, 9=276.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708092
370290	T09	SPECIAL	1	1	Job Reference (optional)	

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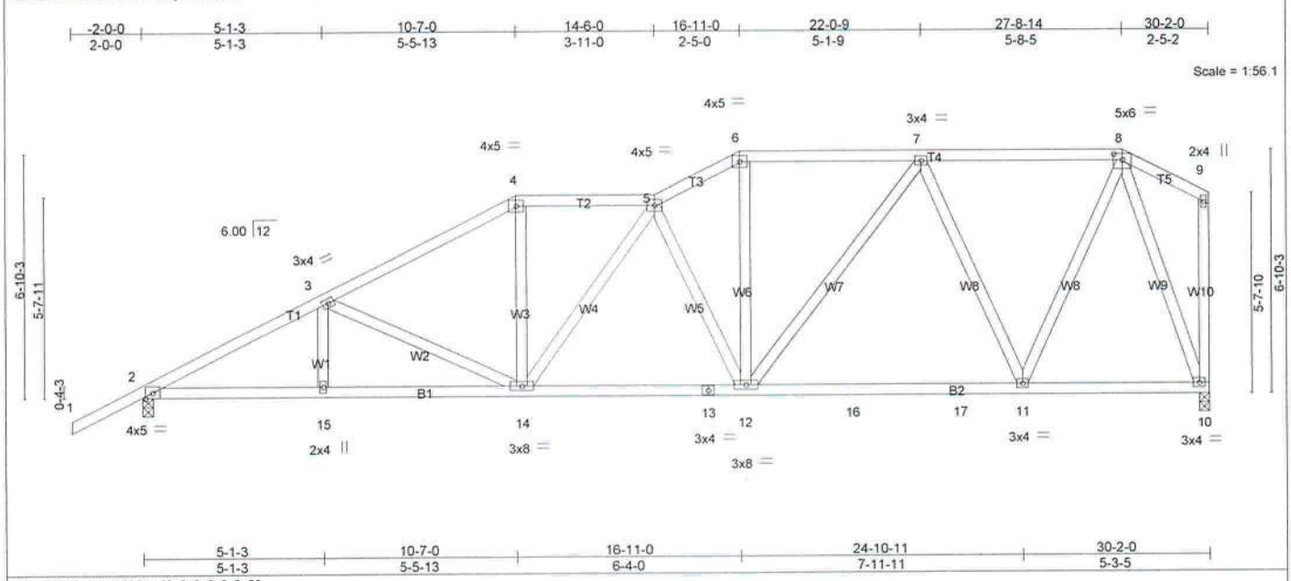

Plate Offsets (X,Y): [8:0-3-0,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.17	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.26	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(TL)	0.06	10	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.12	14-15	>999	240	Weight: 193 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 *Except*
W10: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-14 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1110/0-3-8, 10=1039/0-3-8
Max Horz 2=296(LC 6)
Max Uplift 2=-446(LC 6), 10=-286(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1866/1186, 3-4=-1500/1021, 4-5=-1289/992, 5-6=-1325/951, 6-7=-1173/895, 7-8=-689/515
BOT CHORD 2-15=-1301/1600, 14-15=-1301/1600, 13-14=-1050/1422, 12-13=-1050/1422, 12-16=-666/956, 16-17=-666/956, 11-17=-666/956, 10-11=-234/349
WEBS 3-14=-354/342, 4-14=-193/382, 5-14=-254/107, 5-12=-597/541, 6-12=-237/389, 7-12=-257/361, 7-11=-678/565, 8-11=-517/856, 8-10=-1057/706

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=446, 10=286.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708091
370290	T08	HIP	1	1	Job Reference (optional)	

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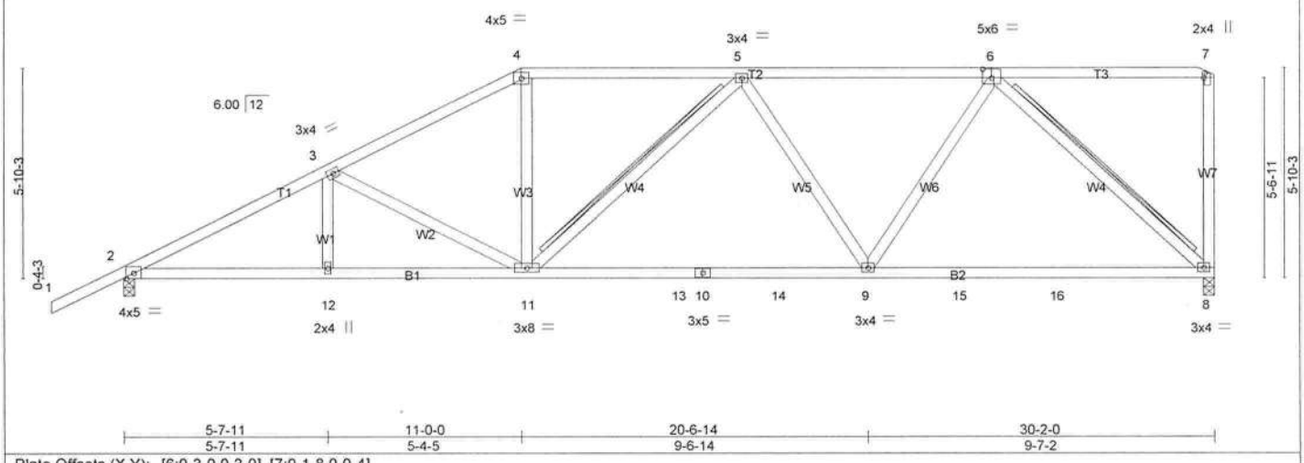
-2-0-0 | 5-7-11 | 11-0-0 | 17-1-1 | 24-0-14 | 29-8-14 | 30-2-0
2-0-0 | 5-7-11 | 5-4-5 | 6-1-1 | 6-11-13 | 5-8-0 | 0-5-2

Scale = 1:55.5



5-7-11 | 11-0-0 | 20-6-14 | 30-2-0
5-7-11 | 5-4-5 | 9-6-14 | 9-7-2

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

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.19	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.32	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.12	11-12	>999	240	Weight: 165 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 *Except*
W7: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-14 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-11, 6-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

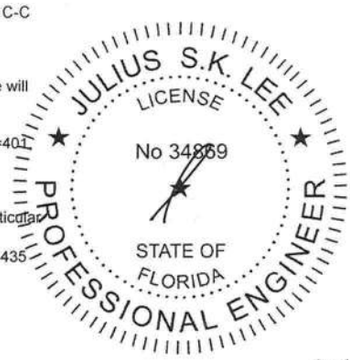
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1145/0-3-8, 8=1101/0-3-8
Max Horz 2=286(LC 6)
Max Uplift 2=-401(LC 6), 8=-380(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1912/1163, 3-4=-1568/994, 4-5=-1350/964, 5-6=-1306/808
BOT CHORD 2-12=-1282/1637, 11-12=-1282/1637, 11-13=-1004/1470, 10-13=-1004/1470, 10-14=-1004/1470, 9-14=-1004/1470, 9-15=-654/979, 15-16=-654/979, 8-16=-654/979
WEBS 3-11=-335/363, 4-11=-165/393, 5-9=-307/368, 6-9=-290/613, 6-8=-1312/887

NOTES (9-10)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=401, 8=380.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T07	MONO HIP	1	1	I4708090
					Job Reference (optional)

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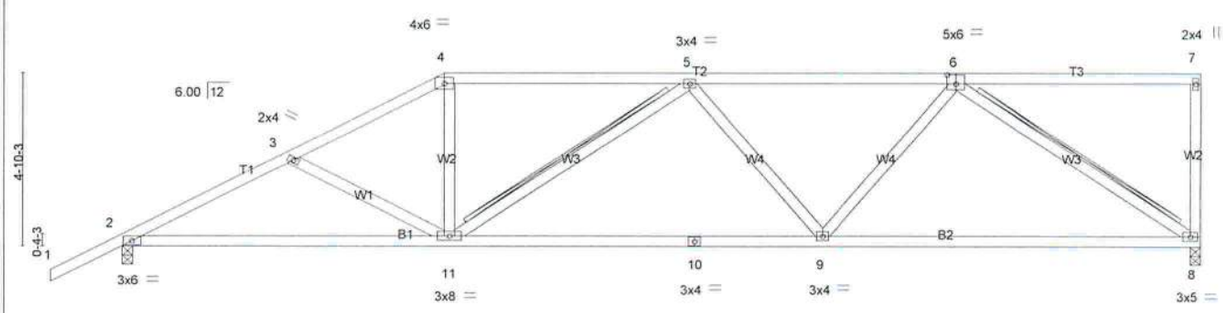
-2-0-0 | 4-9-5 | 9-0-0 | 15-10-5 | 23-3-10 | 30-2-0
2-0-0 | 4-9-5 | 4-2-11 | 6-10-5 | 7-5-5 | 6-10-6

Scale = 1:55.5



9-0-0 | 19-6-15 | 30-2-0
9-0-0 | 10-6-15 | 10-7-1

Plate Offsets (X,Y): [6:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.27	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.49	8-9	>735	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.16	9-11	>999	240	Weight: 155 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-12 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-11, 6-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 8=952/0-3-8, 2=1076/0-3-8
Max Horz 2=245(LC 6)
Max Uplift 8=-383(LC 5), 2=-388(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1765/1208, 3-4=-1530/1063, 4-5=-1334/1022, 5-6=-1410/1008
BOT CHORD 2-11=-1263/1510, 10-11=-1215/1598, 9-10=-1215/1598, 8-9=-857/1131
WEBS 3-11=-212/278, 4-11=-192/404, 5-11=-319/233, 5-9=-296/327, 6-9=-239/484, 6-8=-1338/1024

NOTES (9-10)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=383, 2=388.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Your Company Name

NOTES (11-12)

8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 208 lb down and 253 lb up at 7-0-0, 103 lb down and 98 lb up at 9-0-12, 103 lb down and 98 lb up at 11-0-12, 103 lb down and 98 lb up at 13-0-12, 103 lb down and 98 lb up at 15-0-12, 103 lb down and 98 lb up at 17-0-12, 103 lb down and 98 lb up at 19-0-12, 103 lb down and 98 lb up at 20-4-7, 103 lb down and 98 lb up at 21-8-2, 103 lb down and 98 lb up at 23-8-2, 103 lb down and 98 lb up at 25-8-2, and 103 lb down and 98 lb up at 27-8-2, and 103 lb down and 98 lb up at 29-4-12 on top chord, and 265 lb down and 107 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 15-0-12, 66 lb down at 17-0-12, 66 lb down at 19-0-12, 66 lb down at 20-4-7, 66 lb down at 21-8-2, 66 lb down at 23-8-2, 66 lb down at 25-8-2, and 66 lb down at 27-8-2, and 66 lb down at 29-4-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
12) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-7=-54, 2-8=-10
   Concentrated Loads (lb)
   Vert: 3=-208(B) 12=-208(B) 13=-103(B) 14=-103(B) 15=-103(B) 16=-103(B) 17=-103(B) 18=-103(B) 19=-103(B) 20=-103(B) 21=-103(B) 22=-103(B) 23=-103(B) 24=-103(B) 25=-32(B) 26=-32(B) 27=-32(B) 28=-32(B) 29=-32(B) 30=-32(B) 31=-32(B) 32=-32(B) 33=-32(B) 34=-32(B) 35=-32(B) 36=-32(B)

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T06	MONO HIP	1	1	I4708089
					Job Reference (optional)

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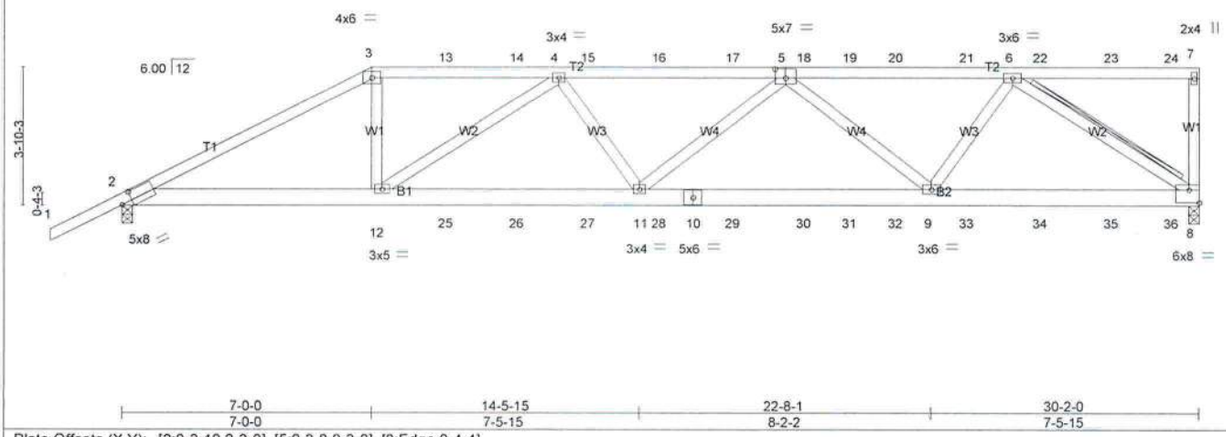
-2-0-0 | 7-0-0 | 12-2-14 | 18-7-1 | 24-11-3 | 30-2-0
2-0-0 | 7-0-0 | 5-2-14 | 6-4-3 | 6-4-2 | 5-2-13

Scale = 1:55.5



7-0-0 | 14-5-15 | 22-8-1 | 30-2-0
7-0-0 | 7-5-15 | 8-2-2 | 7-5-15

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.23	11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.45	9-11	>804	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.87	Horz(TL)	0.10	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.26	11	>999	240	Weight: 173 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-7 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 8=2093/0-3-8, 2=1971/0-3-8
Max Horz 2=207(LC 5)
Max Uplift8=-994(LC 4), 2=-1007(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3713/1802, 3-13=-3278/1662, 13-14=-3277/1662, 4-14=-3277/1662, 4-15=-4421/2107, 15-16=-4421/2107, 16-17=-4421/2107, 5-17=-4421/2107, 5-18=-3298/1520, 18-19=-3298/1520, 19-20=-3298/1520, 20-21=-3298/1520, 6-21=-3298/1520
BOT CHORD 2-12=-1645/3233, 12-25=-2168/4350, 25-26=-2168/4350, 26-27=-2168/4350, 11-27=-2168/4350, 11-28=-2122/4298, 10-28=-2122/4298, 10-29=-2122/4298, 29-30=-2122/4298, 30-31=-2122/4298, 31-32=-2122/4298, 9-32=-2122/4298, 9-33=-1272/2599, 33-34=-1272/2599, 34-35=-1272/2599, 35-36=-1272/2599, 8-36=-1272/2599
WEBS 3-12=-397/1062, 4-12=-1298/663, 4-11=0/336, 5-11=0/356, 5-9=-1312/790, 6-9=-455/1283, 6-8=-3101/1519

NOTES (11-12)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=994, 2=1007.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

Continued on page 2

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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708088
370290	T05	MONO HIP	1	1	Job Reference (optional)	

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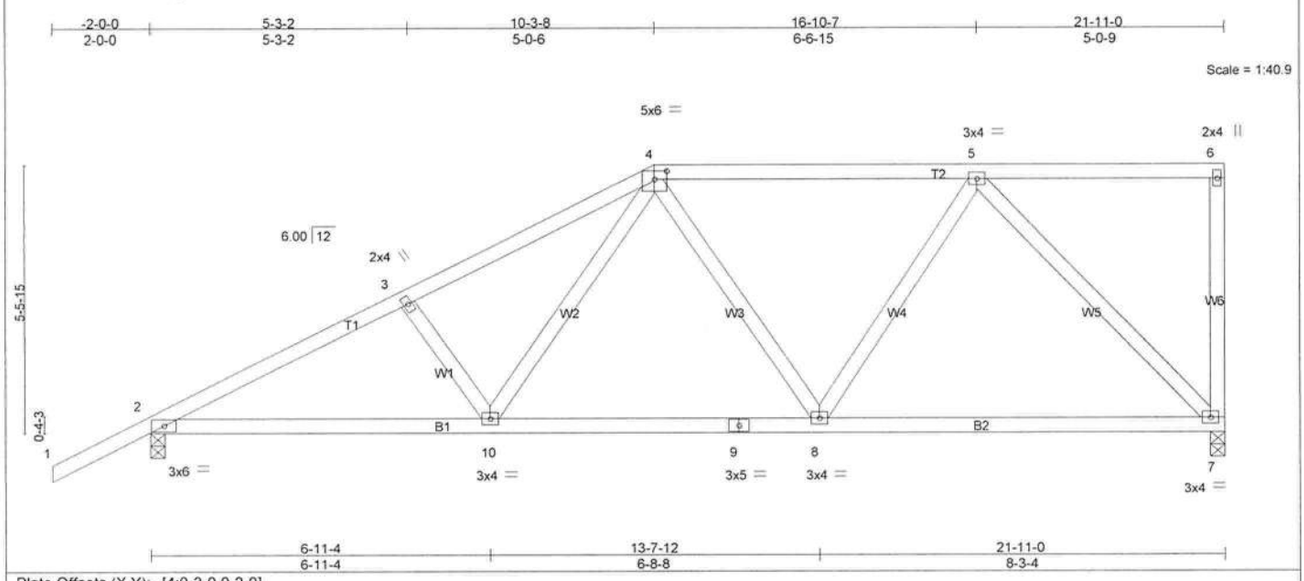


Plate Offsets (X,Y): [4:0-3-0,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.16	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.30	8-10	>872	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.26	8-10	>999	240	Weight: 119 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-14 oc bracing.

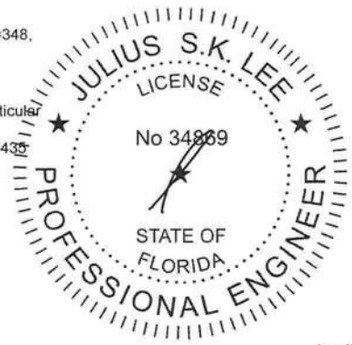
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 7=875/0-3-8, 2=1027/0-3-8
Max Horz 2=271(LC 6)
Max Uplift 7=-348(LC 5), 2=-423(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1709/1155, 3-4=-1558/1140, 4-5=-969/753
BOT CHORD 2-10=-1254/1456, 9-10=-853/1032, 8-9=-853/1032, 7-8=-581/722
WEBS 3-10=-214/292, 4-10=-438/560, 5-8=-326/469, 5-7=-1046/850

NOTES (9-10)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=348, 2=423.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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 manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 2-10=-10, 8-10=-70(F=-60), 7-8=-10



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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708087
370290	T04	SPECIAL	1	1	Job Reference (optional)	

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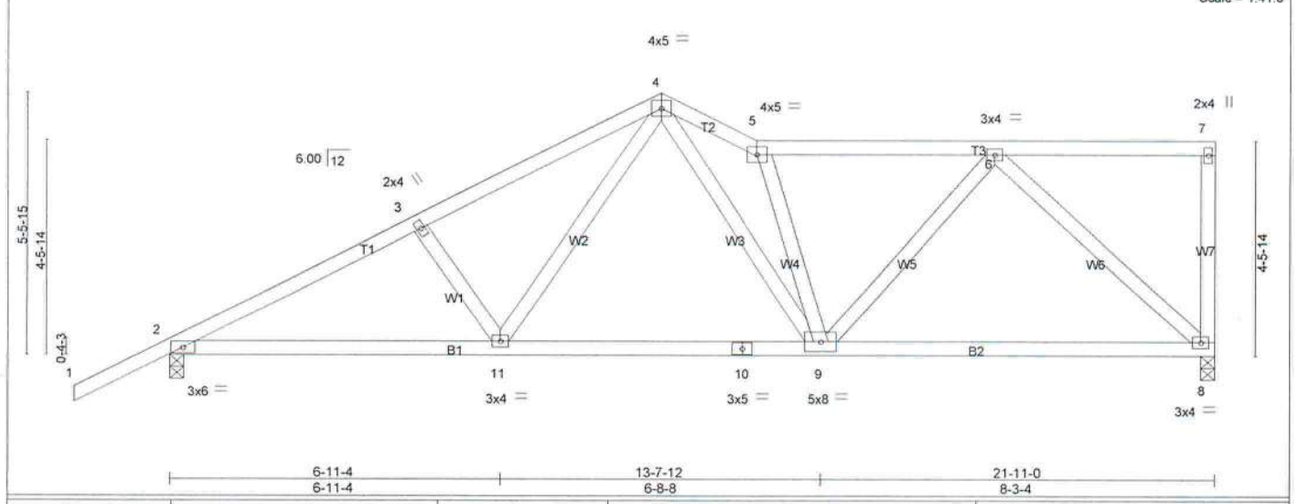
-2-0-0	5-3-2	10-3-8	12-3-10	17-3-8	21-11-0
2-0-0	5-3-2	5-0-6	2-0-2	4-11-14	4-7-9

Scale = 1:41.6



6-11-4	13-7-12	21-11-0
6-11-4	6-8-8	8-3-4

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.17	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.33	9-11	>789	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.75	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.28	9-11	>921	240	Weight: 121 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-7 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 8=877/0-3-8, 2=1028/0-3-8
Max Horz 2=245(LC 6)
Max Uplift 8=-329(LC 7), 2=-429(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1715/1199, 3-4=-1563/1184, 4-5=-1694/1326, 5-6=-1213/927
BOT CHORD 2-11=-1229/1462, 10-11=-824/1031, 9-10=-824/1031, 8-9=-651/820
WEBS 3-11=-226/294, 4-11=-443/576, 4-9=-624/881, 5-9=-933/761, 6-9=-424/603, 6-8=-1116/894

NOTES (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=329, 2=429.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33436

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-5=-54, 5-7=-54, 2-11=-10, 9-11=-70(F=-60), 8-9=-10

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T03	SPECIAL	1	1	I4708086
					Job Reference (optional)

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-4=-54, 4-5=-54, 5-6=-54, 2-10=-10, 8-10=-70(F=-60), 7-8=-10

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708086
370290	T03	SPECIAL	1	1	Job Reference (optional)	

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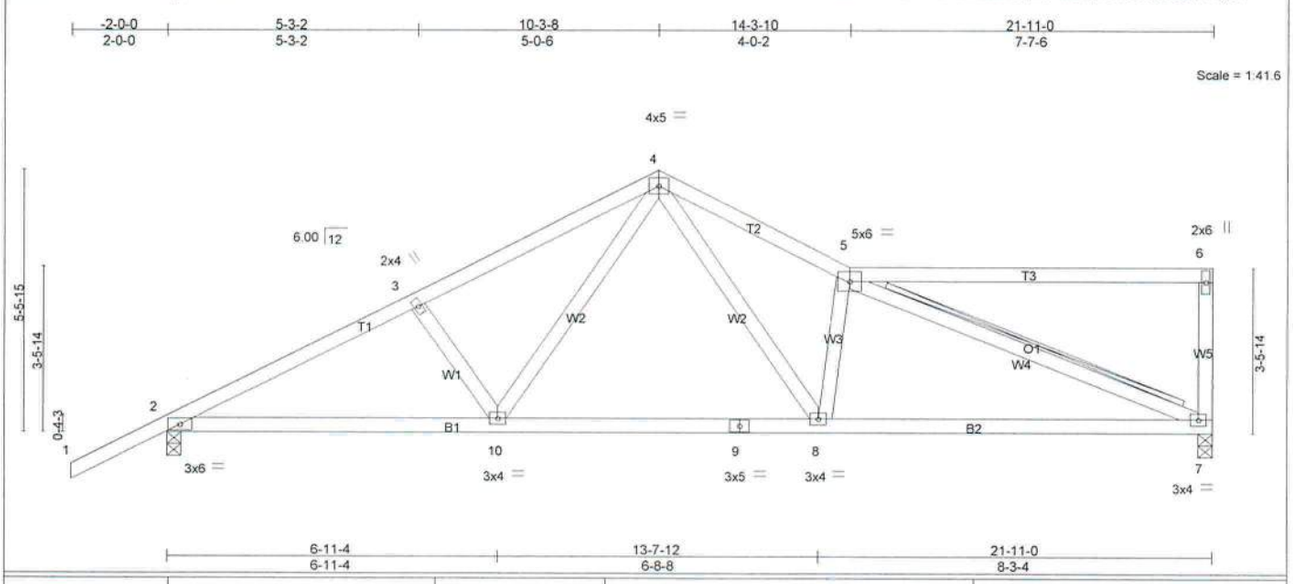

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.19	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.37	8-10	>708	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.67	Horz(TL)	0.05	7	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.31	8-10	>828	240	Weight: 114 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-7-2 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 7=877/0-3-8, 2=1029/0-3-8
Max Horz 2=220(LC 6)
Max Uplift 7=-323(LC 7), 2=-434(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1718/1233, 3-4=-1565/1217, 4-5=-1719/1344
BOT CHORD 2-10=-1194/1464, 9-10=-787/1028, 8-9=-787/1028, 7-8=-1205/1568
WEBS 3-10=-230/295, 4-10=-447/583, 4-8=-623/843, 5-8=-417/409, 5-7=-1656/1276

NOTES (11-12)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
6) All bearings are assumed to be SYP No.2 .
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=323, 2=434.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
12) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

Continued on page 2

April 21,2011

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708085
370290	T02	COMMON	3	1	Job Reference (optional)	

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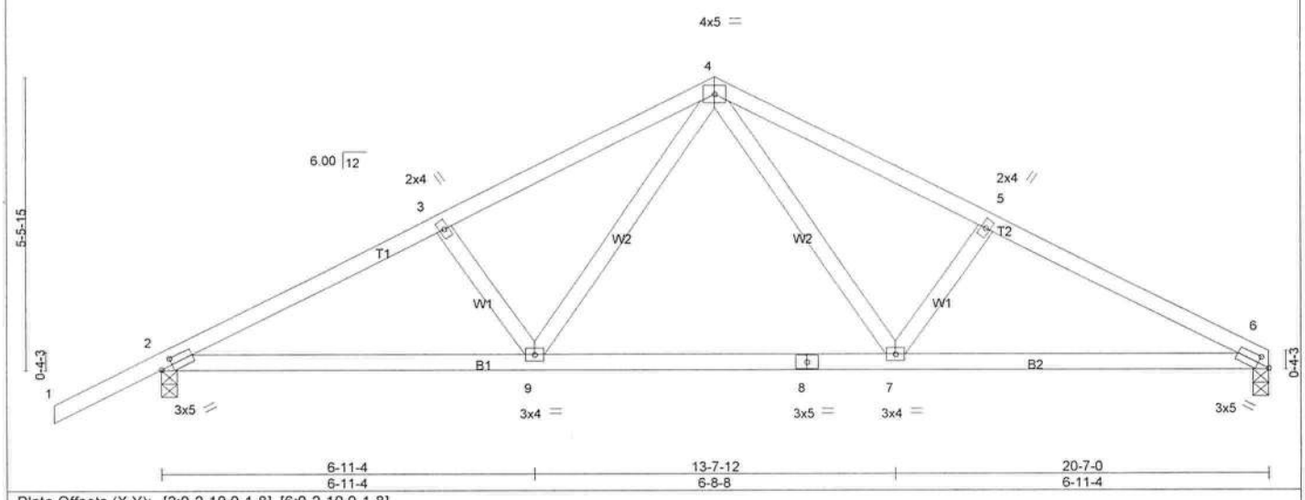
-2-0-0 / 2-0-0 — 5-3-2 / 5-3-2 — 10-3-8 / 5-0-6 — 15-3-14 / 5-0-6 — 20-7-0 / 5-3-2

Scale = 1:37.2



6-11-4 / 6-11-4 — 13-7-12 / 6-8-8 — 20-7-0 / 6-11-4

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.16	7-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.32	7-9	>769	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.34	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.26	7-9	>927	240	Weight: 95 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-1-1 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 6=844/0-3-8, 2=973/0-3-8
Max Horz 2=138(LC 6)
Max Uplift 6=-297(LC 7), 2=-424(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1594/1182, 3-4=-1442/1166, 4-5=-1465/1215, 5-6=-1619/1236
BOT CHORD 2-9=-945/1355, 8-9=-545/923, 7-8=-545/923, 6-7=-1013/1387
WEBS 4-7=-508/613, 5-7=-257/344, 4-9=-435/579, 3-9=-232/293

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=297, 2=424.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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 manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 2-9=-10, 7-9=-70(F=-60), 6-7=-10

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	T01G	GABLE	1	1	I4708084
					Job Reference (optional)

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-7=-114(F=-60), 7-13=-114(F=-60), 2-12=-10

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708084
370290	T01G	GABLE	1	1	Job Reference (optional)	

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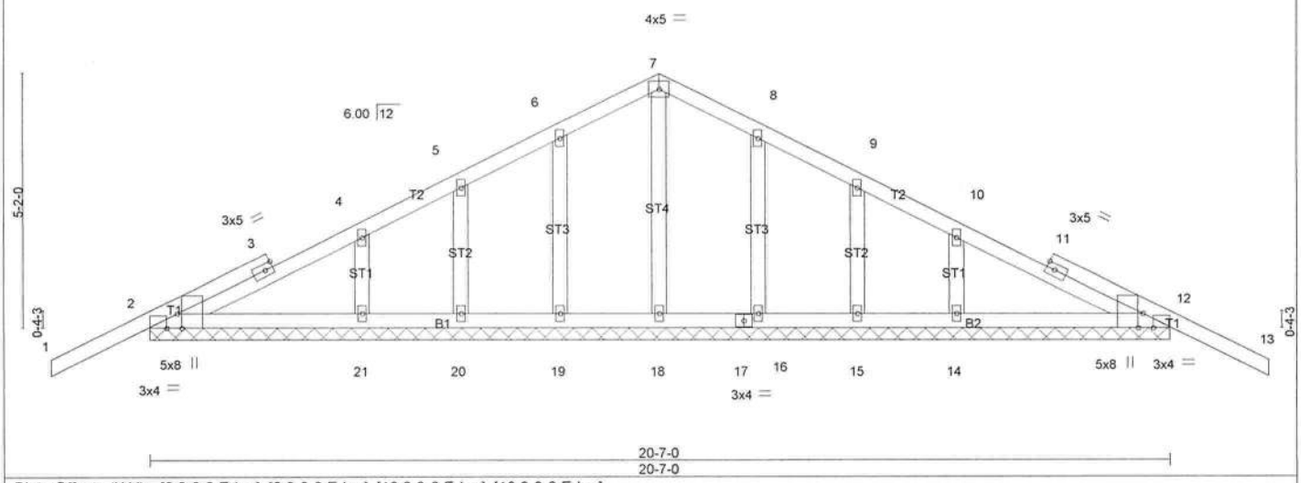
-2-0-0 / 2-0-0 — 10-3-8 / 10-3-8 — 20-7-0 / 10-3-8 — 22-7-0 / 2-0-0

Scale = 1:40.4



20-7-0 / 20-7-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.03	13	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.05	13	n/r	90		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.10	Horz(TL)	0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)							Weight: 108 lb	

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

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 20-7-0.
(lb) - Max Horz 2=-133(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) 18 except 2=-414(LC 6), 12=-436(LC 7), 19=-212(LC 6), 20=-175(LC 6), 21=-272(LC 6), 16=-211(LC 7), 15=-173(LC 7), 14=-278(LC 7)
Max Grav All reactions 250 lb or less at joint(s) 18, 20, 15 except 2=509(LC 10), 12=509(LC 11), 19=278(LC 10), 21=409(LC 10), 16=278(LC 11), 14=409(LC 11)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-19=-255/251, 4-21=-365/334, 8-16=-255/251, 10-14=-365/334

NOTES (13-14)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1-2002.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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 2-0-0 wide will fit between the bottom chord and any other members.
9) All bearings are assumed to be SYP No.2 .
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18 except (jt=lb) 2=414, 12=436, 19=212, 20=175, 21=272, 16=211, 15=173, 14=278.
11) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
13) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
14) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

Continued on page 2

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708083
370290	T01	COMMON	4	1	Job Reference (optional)	

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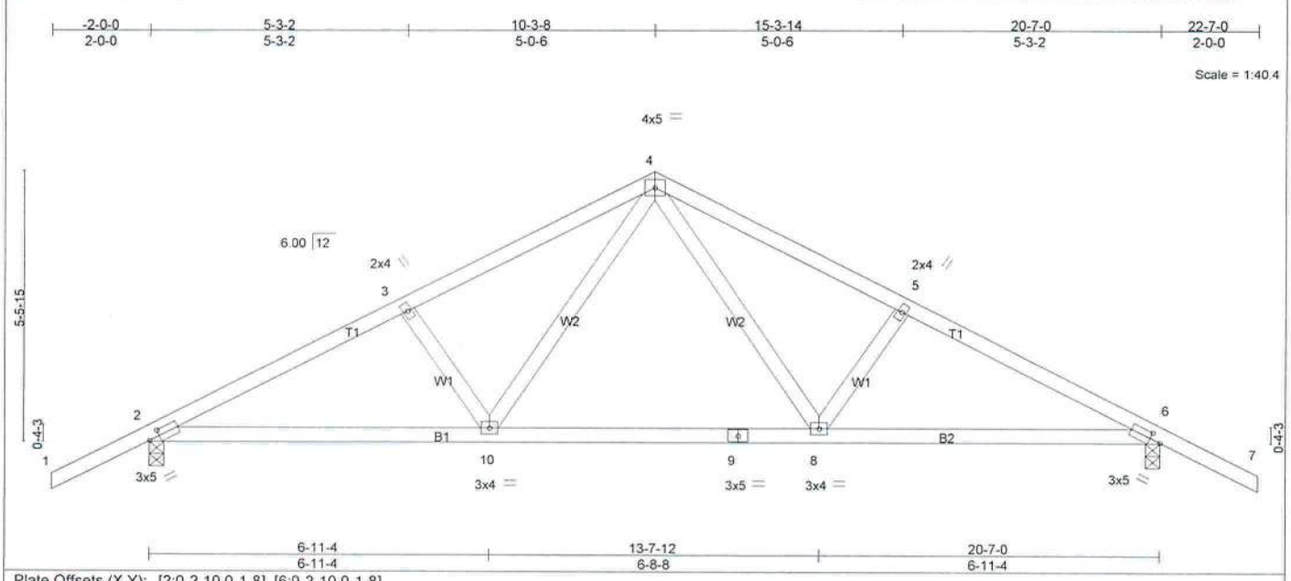

Plate Offsets (X,Y): [2:0-2-10,0-1-8], [6:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.16	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.32	8-10	>765	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.26	8-10	>924	240	Weight: 98 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-11-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-9-3 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=966/0-3-8, 6=966/0-3-8
Max Horz 2=-122(LC 7)
Max Uplift 2=-423(LC 6), 6=-423(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1581/1155, 3-4=-1429/1139, 4-5=-1429/1139, 5-6=-1581/1155
BOT CHORD 2-10=-822/1343, 9-10=-422/911, 8-9=-422/911, 6-8=-822/1343
WEBS 4-8=-438/579, 5-8=-232/292, 4-10=-438/579, 3-10=-232/292

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
5) All bearings are assumed to be SYP No.2 .
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 2 and 423 lb uplift at joint 6.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
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 manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 2-10=-10, 8-10=-70(F=-60), 6-8=-10

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011

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Your Company Name

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-4=-54, 2-5=-10

Concentrated Loads (lb)

Vert: 8=75(F=37, B=37) 9=46(F=23, B=23) 10=-99(F=-49, B=-49) 11=10(F=5, B=5) 12=-8(F=-4, B=-4) 13=-28(F=-14, B=-14)

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708082
370290	HJ9	MONO TRUSS	3	1	Job Reference (optional)	

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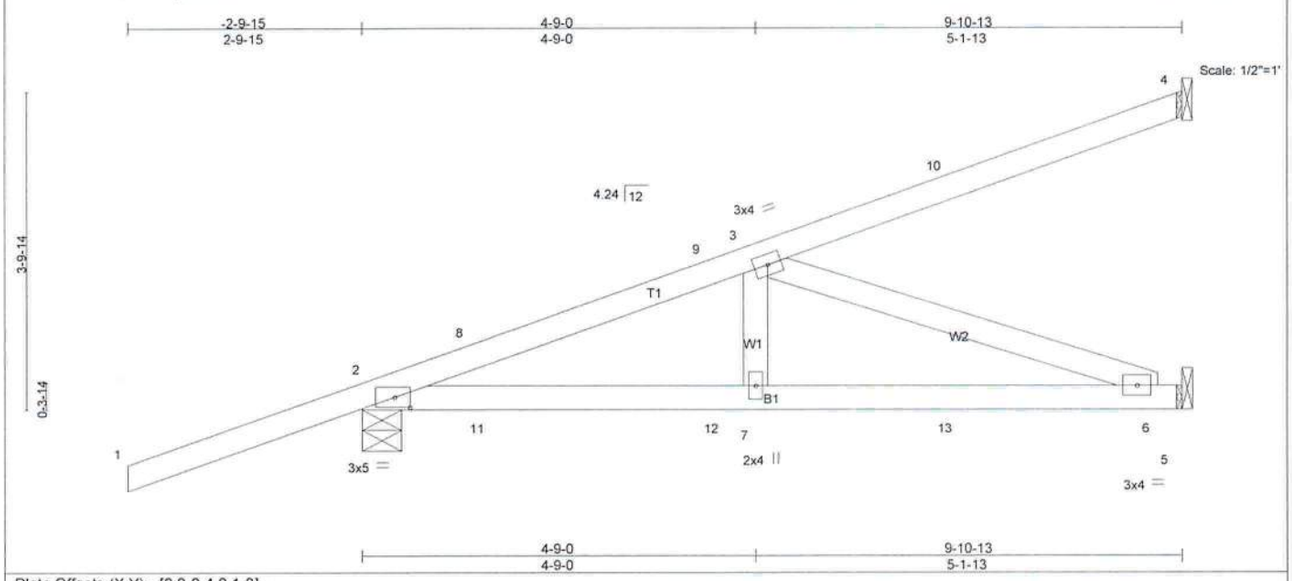

Plate Offsets (X,Y): [2:0-2-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.05	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.10	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.23	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.04	6-7	>999	240	Weight: 44 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-11-1 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=158/Mechanical, 2=439/0-5-11, 5=186/Mechanical
Max Horz 2=283(LC 3)
Max Uplift 4=-172(LC 3), 2=-494(LC 3), 5=-115(LC 6)
Max Grav 4=158(LC 1), 2=439(LC 1), 5=229(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-504/307, 8-9=-507/300, 3-9=-461/297
BOT CHORD 2-11=-391/449, 11-12=-391/449, 7-12=-391/449, 7-13=-391/449, 6-13=-391/449
WEBS 3-6=-476/415

NOTES (10-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; 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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 172 lb uplift at joint 4, 494 lb uplift at joint 2 and 115 lb uplift at joint 5.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 37 lb up at 1-5-12, 37 lb up at 1-5-12, 13 lb down and 23 lb up at 4-3-11, 13 lb down and 23 lb up at 4-3-11, and 49 lb down and 97 lb up at 7-1-10, and 49 lb down and 97 lb up at 7-1-10 on top chord, and 16 lb up at 1-5-12, 16 lb up at 1-5-12, 12 lb down at 4-3-11, 12 lb down at 4-3-11, and 42 lb down at 7-1-10, and 42 lb down at 7-1-10 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Continued on page 2

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	HJ4	JACK	1	1	I4708081
					Job Reference (optional)

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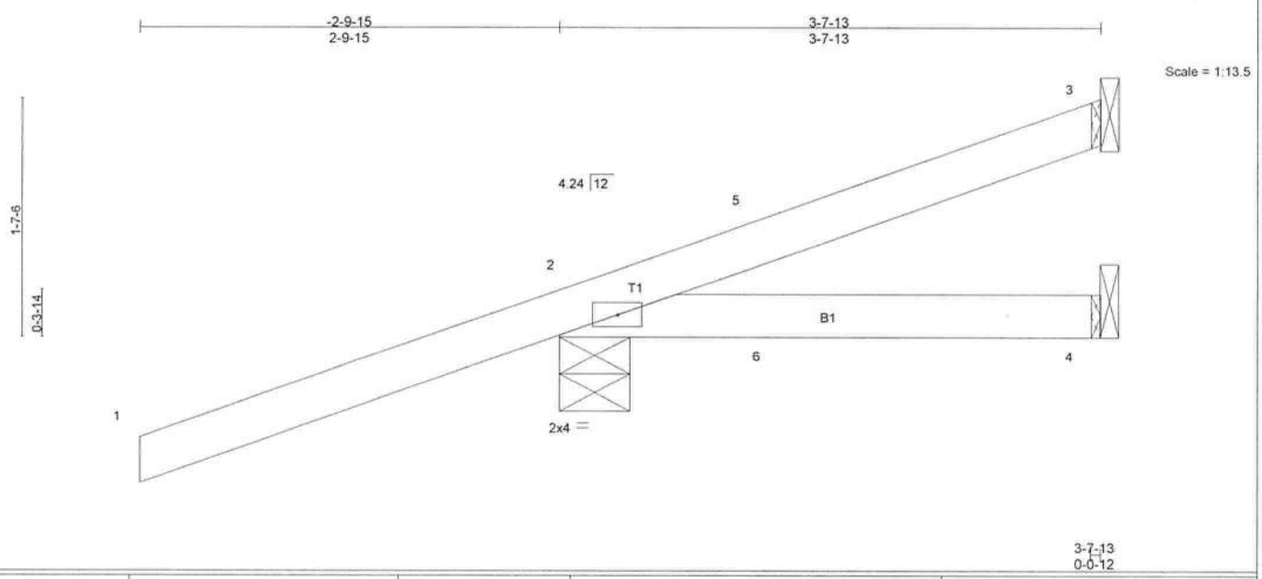

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	2	****	240	Weight: 16 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=-13/Mechanical, 2=295/0-5-11, 4=13/Mechanical
Max Horz 2=154(LC 3)
Max Uplift 3=-43(LC 6), 2=-428(LC 3)
Max Grav 3=9(LC 7), 2=295(LC 1), 4=39(LC 2)

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

NOTES (10-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; 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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 43 lb uplift at joint 3 and 428 lb uplift at joint 2.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 37 lb up at 1-5-12, and 37 lb up at 1-5-12 on top chord, and 16 lb up at 1-5-12, and 16 lb up at 1-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 2-4=-10
Concentrated Loads (lb)
Vert: 5=75(F=37, B=37) 6=10(F=5, B=5)

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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	HJ3	JACK	1	1	I4708080
					Job Reference (optional)

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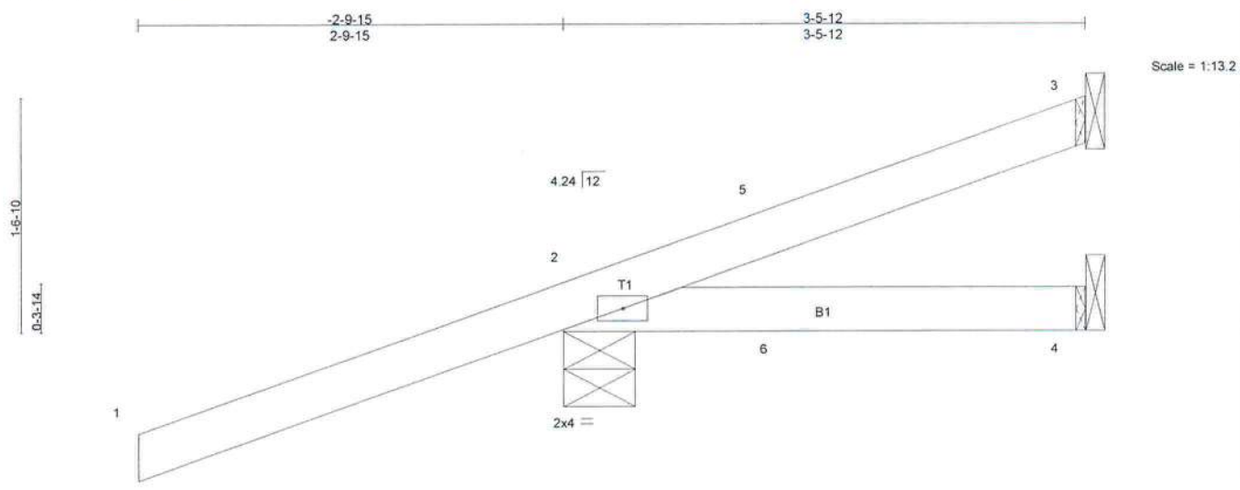


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	2	****	240	Weight: 15 lb	

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

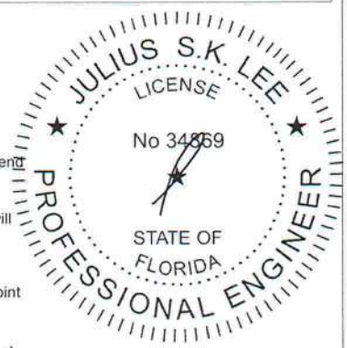
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=-23/Mechanical, 2=295/0-5-11, 4=12/Mechanical
Max Horz 2=151(LC 3)
Max Uplift 3=-38(LC 6), 2=-430(LC 3)
Max Grav 3=15(LC 7), 2=295(LC 1), 4=35(LC 2)

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

NOTES (10-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; 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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 3 and 430 lb uplift at joint 2.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 37 lb up at 1-5-12, and 37 lb up at 1-5-12 on top chord, and 16 lb up at 1-5-12, and 16 lb up at 1-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435



LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 2-4=-10
Concentrated Loads (lb)
Vert: 5=75(F=37, B=37) 6=10(F=5, B=5)

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

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	EJ7A	SPECIAL	3	1	I4708079
					Job Reference (optional)

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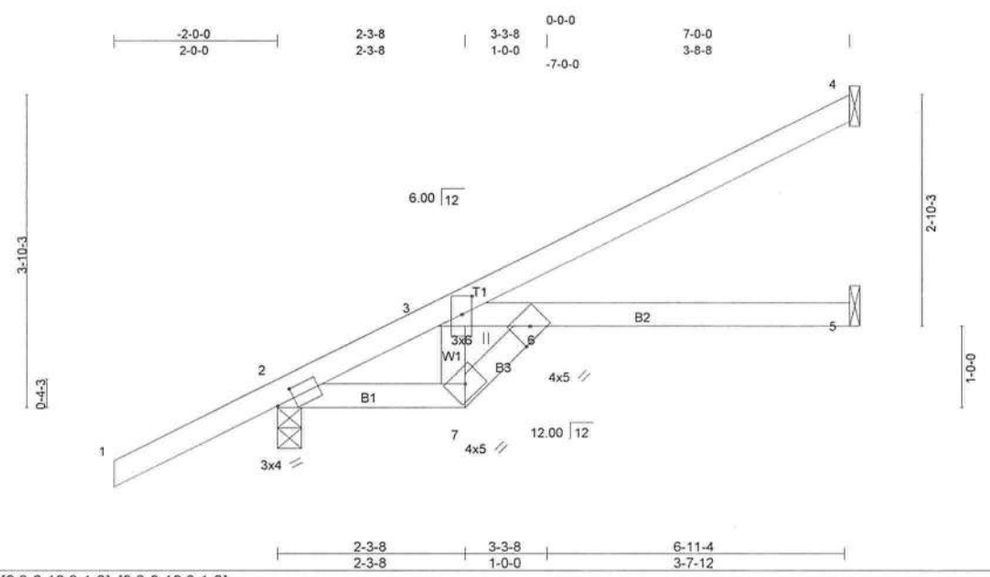


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [3:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.07	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.16	5-6	>518	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.16	5-6	>514	240	Weight: 29 lb	

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

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

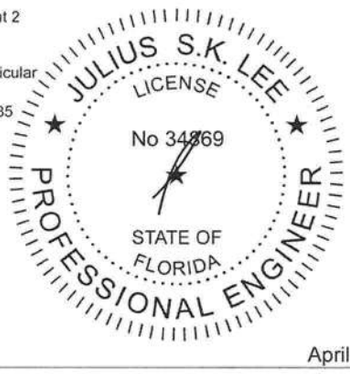
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=131/Mechanical, 2=360/0-3-8, 5=73/Mechanical
Max Horz 2=203(LC 6)
Max Uplift 4=-91(LC 6), 2=-188(LC 6), 5=-8(LC 6)
Max Grav 4=131(LC 1), 2=360(LC 1), 5=106(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-307/78
BOT CHORD 2-7=-283/230

NOTES (8-9)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 4, 188 lb uplift at joint 2 and 8 lb uplift at joint 5.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 21,2011

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	EJ7	MONO TRUSS	19	1	I4708078
					Job Reference (optional)

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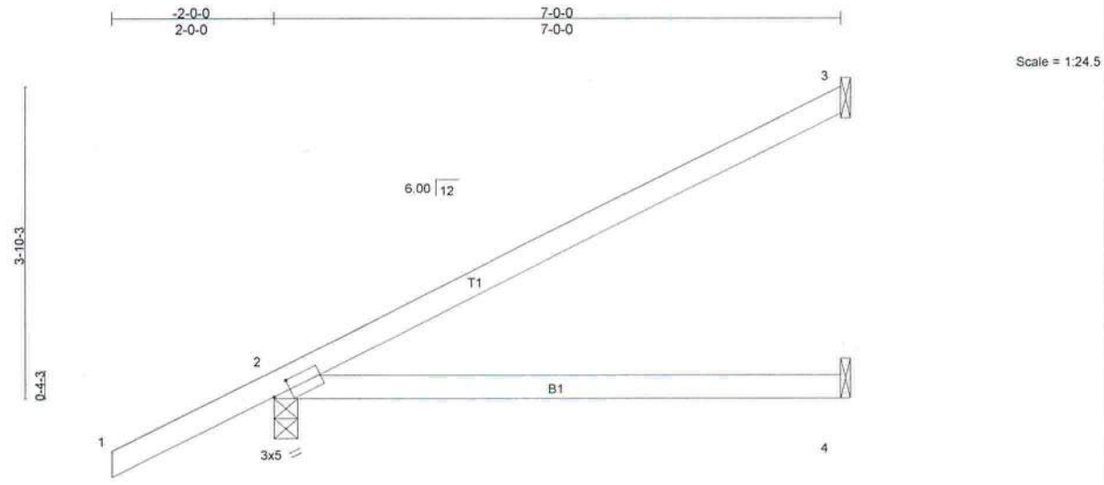


Plate Offsets (X,Y): [2:0-2-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	-0.09	2-4	>921	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.17	2-4	>476	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.07	2-4	>999	240	Weight: 26 lb	

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

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

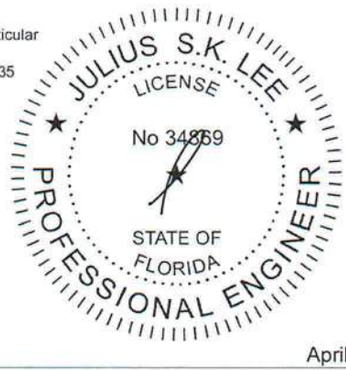
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=157/Mechanical, 2=352/0-3-8, 4=42/Mechanical
Max Horz 2=203(LC 6)
Max Uplift3=-115(LC 6), 2=-193(LC 6)
Max Grav 3=157(LC 1), 2=352(LC 1), 4=96(LC 2)

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

NOTES (8-9)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 115 lb uplift at joint 3 and 193 lb uplift at joint 2.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



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Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708077
370290	EJ2B	MONO TRUSS	1	1	Job Reference (optional)	

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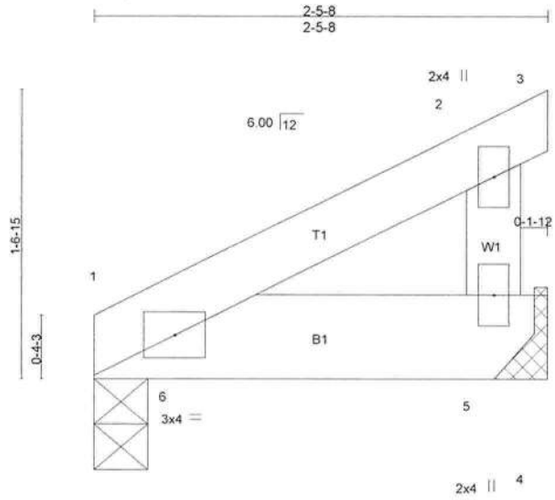


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.06	Vert(LL)	-0.00	1-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.00	1-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.02	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	1-5	>999	240	Weight: 11 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

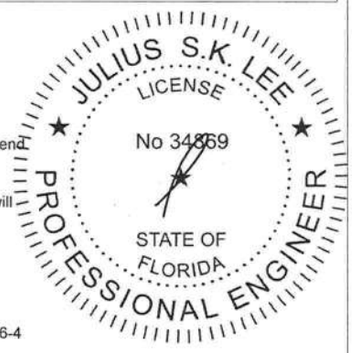
BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=792/0-3-8, 5=238/Mechanical
Max Horz 1=68(LC 5)
Max Uplift 1=-249(LC 5), 5=-126(LC 5)

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

NOTES (10-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; 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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 249 lb uplift at joint 1 and 126 lb uplift at joint 5.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 894 lb down and 277 lb up at 0-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435



LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-14, 1-4=-10
Concentrated Loads (lb)
Vert: 6=-894(B)

April 21,2011

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	EJ2A	JACK	1	1	I4708076
					Job Reference (optional)

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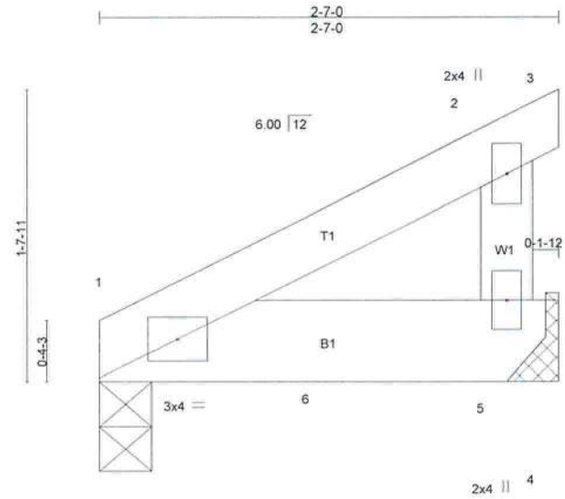


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.06	Vert(LL)	-0.01	1-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.42	Vert(TL)	-0.01	1-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.02	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.01	1-5	>999	240	Weight: 12 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

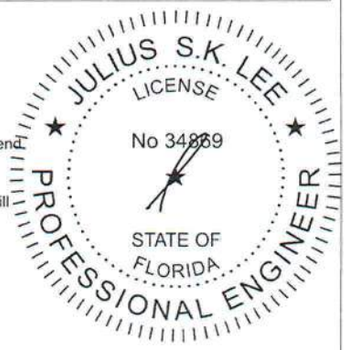
BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=1652/0-3-8, 5=664/Mechanical
Max Horz 1=71(LC 5)
Max Uplift 1=-537(LC 5), 5=-271(LC 5)

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

NOTES (10-11)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; 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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 537 lb uplift at joint 1 and 271 lb uplift at joint 5.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1091 lb down and 349 lb up at 0-1-12, and 1081 lb down and 355 lb up at 1-3-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
11) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435



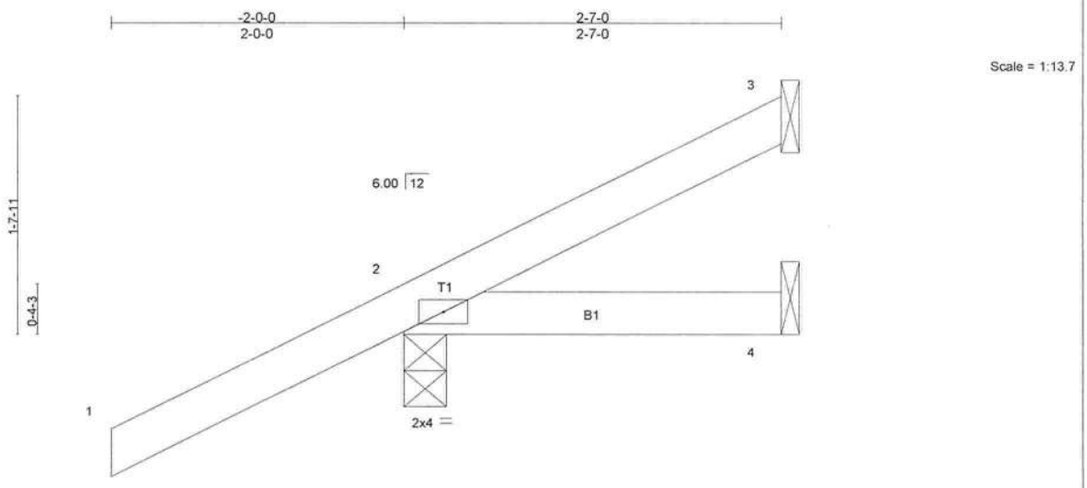
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-14, 1-4=-10
Concentrated Loads (lb)
Vert: 1=-1091(F) 6=-1081(F)

April 21,2011

Your Company Name

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708075
370290	EJ2	JACK	1	1	Job Reference (optional)	

Builders FrstSource, Lake City, FL 32055 — 7.140 s Oct 1 2009 MiTek Industries, Inc. Thu Apr 21 03:38:54 2011 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	2	****	240	Weight: 12 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

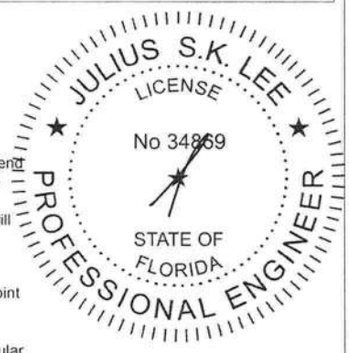
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=12/Mechanical, 2=244/0-3-8, 4=12/Mechanical
Max Horz 2=154(LC 6)
Max Uplift 3=-23(LC 7), 2=-274(LC 6)
Max Grav 3=22(LC 4), 2=244(LC 1), 4=36(LC 2)

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

NOTES (8-9)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 3 and 274 lb uplift at joint 2.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 21,2011

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708074
370290	CJ5	JACK	6	1	Job Reference (optional)	

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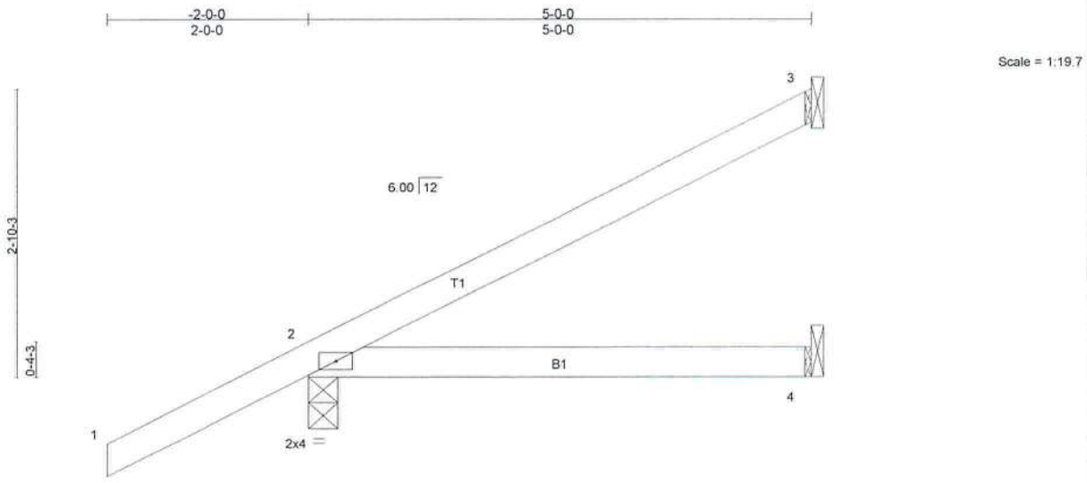


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	2	****	240	Weight: 19 lb	

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

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

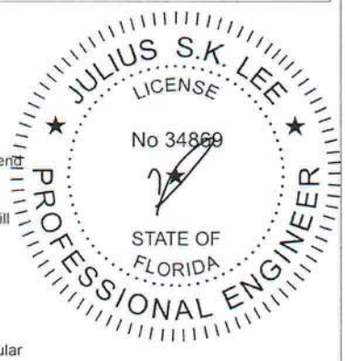
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=103/Mechanical, 2=295/0-3-8, 4=24/Mechanical
Max Horz 2=224(LC 6)
Max Uplift 3=-114(LC 6), 2=-266(LC 6)
Max Grav 3=103(LC 1), 2=295(LC 1), 4=72(LC 2)

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

NOTES (8-9)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 114 lb uplift at joint 3 and 266 lb uplift at joint 2.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

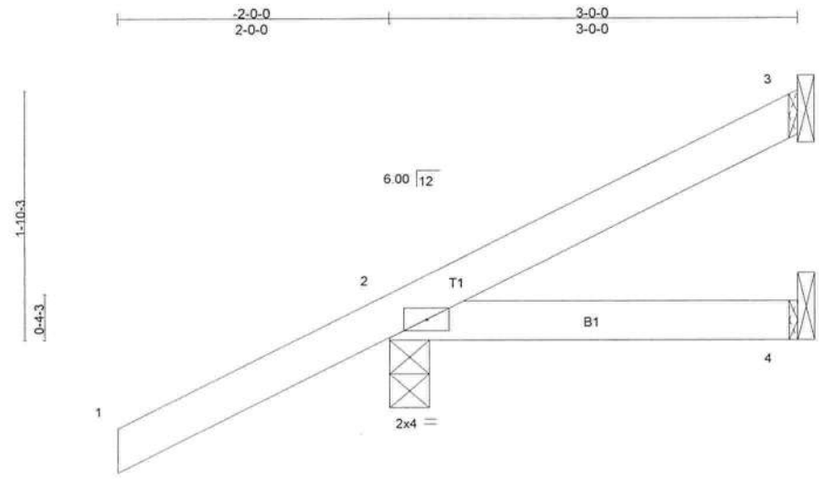
LOAD CASE(S) Standard



April 21,2011

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.	I4708073
370290	CJ3	JACK	6	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055 — 7.140 s Oct 1 2009 MiTek Industries, Inc. Thu Apr 21 03:38:53 2011 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	2	****	240	Weight: 13 lb	

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

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

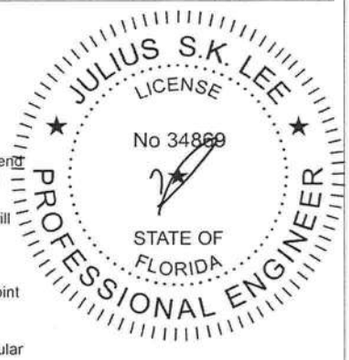
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=31/Mechanical, 2=250/0-3-8, 4=14/Mechanical
Max Horz 2=166(LC 6)
Max Uplift3=-36(LC 7), 2=-267(LC 6)
Max Grav 3=31(LC 1), 2=250(LC 1), 4=42(LC 2)

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

NOTES (8-9)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 36 lb uplift at joint 3 and 267 lb uplift at joint 2.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

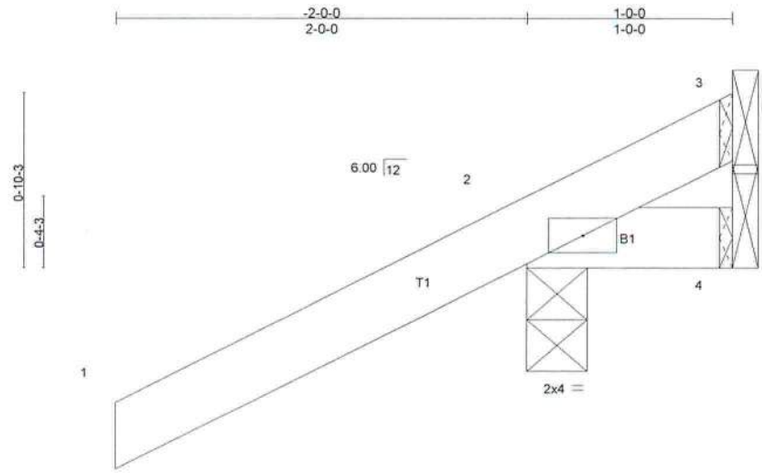
LOAD CASE(S) Standard



April 21,2011

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - CARTER RES.
370290	CJ1	JACK	10	1	I4708072
					Job Reference (optional)

Builders FrstSource, Lake City, FL 32055 — 7.140 s Oct 1 2009 MiTek Industries, Inc. Thu Apr 21 03:38:53 2011 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	2	****	240	Weight: 7 lb	

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

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

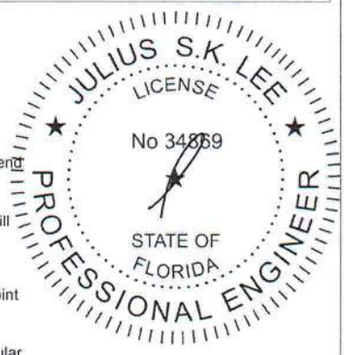
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=256/0-3-8, 4=5/Mechanical, 3=-90/Mechanical
Max Horz 2=109(LC 6)
Max Uplift 2=-356(LC 6), 3=-90(LC 1)
Max Grav 2=256(LC 1), 4=14(LC 2), 3=163(LC 6)

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

NOTES (8-9)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
4) All bearings are assumed to be SYP No.2 .
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 356 lb uplift at joint 2 and 90 lb uplift at joint 3.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



April 21,2011

RE: 370290 - WOODMAN PARK - CARTER RES.

Site Information:

Project Customer: WOODMAN PARK Project Name: 370290 Model: CARTER RES.
Lot/Block: Subdivision:
Address: 263 BO COURT
City: COLUMBIA CTY State: FL

No.	Seal#	Truss Name	Date
35	I4708106	T23	4/21/011
36	I4708107	T24	4/21/011
37	I4708108	T24G	4/21/011
38	I4708109	T25	4/21/011
39	I4708110	T26	4/21/011

Julius Lee

RE: 370290 - WOODMAN PARK - CARTER RES.

1109 Coastal Bay Blvd.
Boynton Beach, FL 33435

Site Information:
Project Customer: WOODMAN PARK Project Name: 370290 Model: CARTER RES.
Lot/Block: Subdivision:
Address: 263 BO COURT
City: COLUMBIA CTY State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: MARK E. HADDOX License #: CRC1329442
Address: 4816 W US HWY 90 STE 100
City: LAKE CITY, State: FL

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2007/TPI2002 Design Program: MiTek 20/20 7.1
Wind Code: ASCE 7-05 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 32.0 psf

This package includes 39 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.
This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

In the event of changes from Builder or E.O.R. additional coversheets and drawings may accompany this coversheet. The latest approval dates supersede and replace the previous drawings.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	I4708072	CJ1	4/21/011	18	I4708089	T06	4/21/011
2	I4708073	CJ3	4/21/011	19	I4708090	T07	4/21/011
3	I4708074	CJ5	4/21/011	20	I4708091	T08	4/21/011
4	I4708075	EJ2	4/21/011	21	I4708092	T09	4/21/011
5	I4708076	EJ2A	4/21/011	22	I4708093	T10	4/21/011
6	I4708077	EJ2B	4/21/011	23	I4708094	T11	4/21/011
7	I4708078	EJ7	4/21/011	24	I4708095	T12	4/21/011
8	I4708079	EJ7A	4/21/011	25	I4708096	T13	4/21/011
9	I4708080	HJ3	4/21/011	26	I4708097	T14	4/21/011
10	I4708081	HJ4	4/21/011	27	I4708098	T15	4/21/011
11	I4708082	HJ9	4/21/011	28	I4708099	T16	4/21/011
12	I4708083	T01	4/21/011	29	I4708100	T17	4/21/011
13	I4708084	T01G	4/21/011	30	I4708101	T18	4/21/011
14	I4708085	T02	4/21/011	31	I4708102	T19	4/21/011
15	I4708086	T03	4/21/011	32	I4708103	T20	4/21/011
16	I4708087	T04	4/21/011	33	I4708104	T21	4/21/011
17	I4708088	T05	4/21/011	34	I4708105	T22	4/21/011

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Builders FirstSource (Lake City).

Truss Design Engineer's Name: Julius Lee

My license renewal date for the state of Florida is February 28, 2013.

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

JULIUS S.K. LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

April 21,2011
Julius Lee

wrightsoft

Load Short Form
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: CARTER RESIDENCE
Date: Apr 26, 2011
By:

HIGH SPRINGS, FL

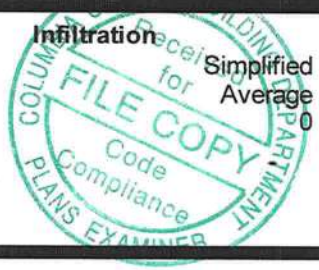
Project Information

For: MARK HADDOX, WOODMAN PARK BUILDERS
LAKE CITY, FL

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	11	52

Infiltration	
Method	Simplified
Construction quality	Average
Fireplaces	0



HEATING EQUIPMENT

Make	Ruud
Trade	RUUD 13PJL SERIES
Model	13PJL42
ARI ref no.	3544590

Efficiency	8.5 HSPF	
Heating input		
Heating output	41500	Btuh @ 47°F
Temperature rise	28	°F
Actual air flow	1367	cfm
Air flow factor	0.045	cfm/Btuh
Static pressure	0.10	in H2O
Space thermostat		

COOLING EQUIPMENT

Make	Ruud
Trade	RUUD 13PJL SERIES
Cond	13PJL42
Coil	RHSL-HM4221++RCSL-H*4821
ARI ref no.	3544590

Efficiency	11.1 EER, 13 SEER	
Sensible cooling	32800	Btuh
Latent cooling	8200	Btuh
Total cooling	41000	Btuh
Actual air flow	1367	cfm
Air flow factor	0.065	cfm/Btuh
Static pressure	0.10	in H2O
Load sensible heat ratio	0.81	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
LAUNDRY	42	589	567	27	37
BEDROOM 2	155	2467	2003	112	130
BATH 2	54	687	308	31	20
BEDROOM 3	150	3799	2628	172	170
HALL	44	73	133	3	9
KITCHEN	149	245	450	11	29
NOOK	116	2248	1148	102	74
DINING	127	2793	2117	126	137
FAMILY ROOM	326	3131	2928	142	190
FOYER	48	1639	1454	74	94
LIVING ROOM	150	4995	2503	226	162
1/2 BATH	36	59	109	3	7
MASTER/SITTING	279	3342	2406	151	156
W.I.CLOSET	58	753	334	34	22
MASTER BATH	105	3365	1991	152	129

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

Entire House	1837	30184	21081	1367	1367
Other equip loads		0	0		
Equip. @ 0.97 RSM			20448		
Latent cooling			5028		
TOTALS	1837	30184	25476	1367	1367

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

wrightsoft

Building Analysis
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: CARTER RESIDENCE
Date: Apr 26, 2011
By:

HIGH SPRINGS, FL

Project Information

For: MARK HADDOX, WOODMAN PARK BUILDERS
LAKE CITY, FL

Design Conditions

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

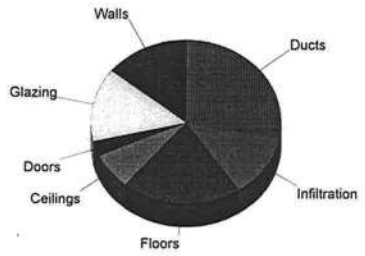
Outdoor:	**Heating**	**Cooling**
Dry bulb (°F)	33	92
Daily range (°F)	-	19 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

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

Infiltration:	
Method	Simplified
Construction quality	Average
Fireplaces	0

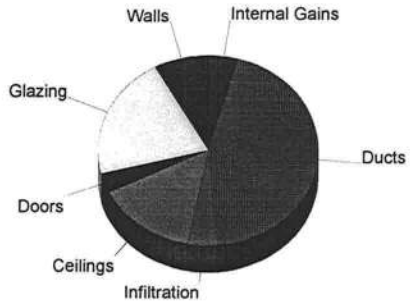
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	1.3	4347	14.4
Glazing	21.1	4345	14.4
Doors	14.4	909	3.0
Ceilings	1.2	2175	7.2
Floors	3.4	6166	20.4
Infiltration	2.8	3768	12.5
Ducts		8475	28.1
Piping		0	0
Humidification		0	0
Ventilation		0	0
Adjustments		0	
Total		**30184**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	0.5	1714	8.1
Glazing	21.3	4397	20.9
Doors	11.4	716	3.4
Ceilings	1.7	3095	14.7
Floors	0	0	0
Infiltration	0.7	911	4.3
Ducts		9327	44.2
Ventilation		0	0
Internal gains		920	4.4
Blower		0	0
Adjustments		0	
Total		**21081**	**100.0**



Latent Cooling Load = 5028 Btuh
Overall U-value = 0.136 Btuh/ft²-°F

Data entries checked.

wrightsoft

Project Summary
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: CARTER RESIDENCE
Date: Apr 26, 2011
By:

HIGH SPRINGS, FL

Project Information

For: MARK HADDOX, WOODMAN PARK BUILDERS
LAKE CITY, FL

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

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

Summer Design Conditions

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

Heating Summary

Structure	21709 Btuh
Ducts	8475 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	30184 Btuh

Sensible Cooling Equipment Load Sizing

Structure	11753 Btuh
Ducts	9327 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	20448 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1837	1837
Volume (ft³)	14696	14696
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	93	49

Latent Cooling Equipment Load Sizing

Structure	2522 Btuh
Ducts	2505 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	5028 Btuh
Equipment total load	25476 Btuh
Req. total capacity at 0.80 SHR	2.1 ton

Heating Equipment Summary

Make	Ruud
Trade	RUUD 13PJL SERIES
Model	13PJL42
ARI ref no.	3544590

Efficiency	8.5 HSPF
Heating input	
Heating output	41500 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	1367 cfm
Air flow factor	0.045 cfm/Btuh
Static pressure	0.10 in H2O
Space thermostat	

Cooling Equipment Summary

Make	Ruud
Trade	RUUD 13PJL SERIES
Cond	13PJL42
Coil	RHSL-HM4221++RCSL-H*4821
ARI ref no.	3544590
Efficiency	11.1 EER, 13 SEER
Sensible cooling	32800 Btuh
Latent cooling	8200 Btuh
Total cooling	41000 Btuh
Actual air flow	1367 cfm
Air flow factor	0.065 cfm/Btuh
Static pressure	0.10 in H2O
Load sensible heat ratio	0.81

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

wrightsoft

Duct System Summary
Entire House
LARRY RESMONDO AIR CONDITIONING

Job: CARTER RESIDENCE
Date: Apr 26, 2011
By:

HIGH SPRINGS, FL

Project Information

For: MARK HADDOX, WOODMAN PARK BUILDERS
LAKE CITY, FL

	Heating	Cooling
External static pressure	***0.10*** in H2O	***0.10*** in H2O
Pressure losses	0.25 in H2O	0.25 in H2O
Available static pressure	-0.2 in H2O	-0.2 in H2O
Supply / return available pressure	-0.11 / -0.04 in H2O	-0.11 / -0.04 in H2O
Lowest friction rate	***0.100*** in/100ft	***0.100*** in/100ft
Actual air flow	1367 cfm	1367 cfm
Total effective length (TEL)	320 ft	

Supply Branch Detail Table

Name	Design (Btuh)		Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
LAUNDRY	c	567	27	37	0.100	4.0	0x0	VlFx	240.0	0	st1
BEDROOM 2	c	2003	112	130	0.100	7.0	0x0	VlFx	240.0	0	st1
BATH 2	h	687	31	20	0.100	4.0	0x0	VlFx	240.0	0	st1A
BEDROOM 3	h	3799	172	170	0.100	8.0	0x0	VlFx	240.0	0	st1
HALL	c	133	3	9	0.100	4.0	0x0	VlFx	240.0	0	st1
KITCHEN	c	450	11	29	0.100	4.0	0x0	VlFx	240.0	0	st1
NOOK	h	2248	102	74	0.100	6.0	0x0	VlFx	240.0	0	st1
DINING	c	2117	126	137	0.100	7.0	0x0	VlFx	240.0	0	st1
FAMILY ROOM	c	2928	142	190	0.100	9.0	0x0	VlFx	240.0	0	st1
FOYER	c	1454	74	94	0.100	6.0	0x0	VlFx	240.0	0	st1
LIVING ROOM	h	4995	226	162	0.100	9.0	0x0	VlFx	240.0	0	st1
1/2 BATH	c	109	3	7	0.100	4.0	0x0	VlFx	240.0	0	st1
MASTER/SITTING	c	2406	151	156	0.100	8.0	0x0	VlFx	240.0	0	st1
W.I.CLOSET	h	753	34	22	0.100	4.0	0x0	VlFx	240.0	0	st1
MASTER BATH	h	3365	152	129	0.100	8.0	0x0	VlFx	240.0	0	st1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st1	Peak AVF	1367	1367	0.100	773	18.0	0 x 0	RectFbg	
st1A	Peak AVF	31	20	0.100	57	10.0	0 x 0	RectFbg	st1

Bold/italic values have been manually overridden

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb2	0x 0	112	130	80.0	0.100	486	7.0	0x 0		VlFx	
rb3	0x 0	172	170	80.0	0.100	493	8.0	0x 0		VlFx	
rb4	0x 0	142	190	80.0	0.100	430	9.0	0x 0		VlFx	
rb5	0x 0	151	156	80.0	0.100	447	8.0	0x 0		VlFx	

Columbia County Building Permit Application

For Office Use Only Application # 1104-76 Date Received 4/29/11 By LH Permit # 29398

Zoning Official BLK Date 06.05.11 Flood Zone X Land Use Res Low Den Zoning RSF/MH-2

FEMA Map # N/A Elevation N/A MFE 1' above Rd River N/A Plans Examiner T.C. Date 5-4-11

Comments

☐ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☑ Well letter ☐ 911 Sheet ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☑ F W Comp. letter ☑ 433 - Check ☑ All updates

IMPACT FEES: EMS Fire Corr ☐ Sub VF Form ☑ W/Updates 534 Sw Madison

Road/Code School = TOTAL (Suspended) ☑ App Fee Paid

Septic Permit No. 11-0216 Fax

Name Authorized Person Signing Permit Workman Pool Bldrs Phone 755-2411

Address PO Box 1255 Lake City FL 32056

Owners Name Gary & Patricia Carter Phone 867-9013

911 Address 259 NW 30 ct Lake City fl 32055

Contractors Name Mark Haddox Phone 755-2411

Address PO Box 1255 Lake City FL 32056

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address Mark Disosway Lake City

Mortgage Lenders Name & Address First Federal Lake City

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

Property ID Number 30-35-17-05865-008 Estimated Cost of Construction 156,000.00

Subdivision Name Lot ____ Block ____ Unit ____ Phase ____

Driving Directions 90 west to Lake Jeffery Rd (Rt)

To 30 ct (left) to property on left

Number of Existing Dwellings on Property 0

Construction of SFD Total Acreage 2.16 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive (Private Drive) Total Building Height 17' 7 1/2"

Actual Distance of Structure from Property Lines - Front 155 Side 130 Side 140 Rear 165

Number of Stories 1 Heated Floor Area 1837 Total Floor Area 1963 Roof Pitch 6-12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. **CODE:** Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.

CK#1178 Spolato Merlcan 5-6-11

5/10/11

5/12/11

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

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

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

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

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

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Patricia Carter

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature ****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

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

Contractor's Signature (Permitee)

Contractor's License Number CRC 1319442
Columbia County Competency Card Number 585

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 29 **day of** April **20**11.

Personally known ✓ **or Produced Identification** _____

SEAL:

LAURIE HODSON
MY COMMISSION # DD 805657
EXPIRES: July 14, 2012
Bonded Thru Notary Public Underwriters

State of Florida Notary Signature (For the Contractor)

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 5/6/2011 **DATE ISSUED:** 5/11/2011

ENHANCED 9-1-1 ADDRESS:

259 NW BO CT

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

30-3S-17-05869-008

Remarks:

ADDRESS FOR PROPOSED STRUCTURE ON PARCEL

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

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SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1104-76 CONTRACTOR Mark Haddox PHONE _____

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL 433	Print Name Circuit Electric David Cheatham	Signature
	License #: EC0002840	Phone #: 386-752-5488
MECHANICAL/ A/C	Print Name David Harris Inc	Signature
	License #: CAC057424	Phone #: 386-755-9792
PLUMBING/ GAS	Print Name Dependable Plumbing	Signature
	License #: CFC057747	Phone #: (386)7525218
ROOFING 534	Print Name David L Summerlin	Signature
	License #: CCC1326192	Phone #: 386-288-5426
SHEET METAL	Print Name	Signature
	License #:	Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name	Signature
	License#:	Phone #:
SOLAR	Print Name	Signature
	License #:	Phone #:

Specialty License	License Number	Sub Contractors Printed Name	Sub-Contractors Signature
MASON	000227	Harold E. Houston	Harold E. Houston
CONCRETE FINISHER	000088	Butch L'Aughe	Butch L'Aughe
FRAMING	~~RRC1327441~~	~~Woodman Park Bldrs~~	
INSULATION	300740	Bill Sikes	Bill Sikes
STUCCO			
DRYWALL 585	RRC1327441	Woodman P.P.K	
PLASTER			
CABINET INSTALLER			
PAINTING	RRC1327441	Woodman P.P.K	
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE	RRC1317441	Woodman P.P.K	
FLOOR COVERING			
ALUM/VINYL SIDING 505	CBC054077	Ben Martin	Ben Martin
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR _____ PHONE _____

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ELECTRICAL	Print Name _____ License #:	Signature _____ Phone #:
MECHANICAL/ A/C _____	Print Name _____ License #:	Signature _____ Phone #:
PLUMBING/ GAS	Print Name _____ License #:	Signature _____ Phone #:
ROOFING	Print Name _____ License #:	Signature _____ Phone #:
SHEET METAL	Print Name _____ License #:	Signature _____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name _____ License#:	Signature _____ Phone #:
SOLAR	Print Name _____ License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER	000762	STEVE BORDEAUX	Steve Bordeaux
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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ELECTRICAL	Print Name _____ License #:	Signature _____ Phone #:
MECHANICAL/ A/C A/C	Print Name LARRY RESMONDO License #: CACO58977	Signature [signature] Phone #: 386 454 4433
PLUMBING/ GAS	Print Name _____ License #:	Signature _____ Phone #:
ROOFING	Print Name _____ License #:	Signature _____ Phone #:
SHEET METAL	Print Name _____ License #:	Signature _____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name _____ License#:	Signature _____ Phone #:
SOLAR	Print Name _____ License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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ELECTRICAL	Print Name _____ License #:	Signature _____ Phone #:
MECHANICAL/ A/C _____	Print Name _____ License #:	Signature _____ Phone #:
PLUMBING/ GAS	Print Name _____ License #:	Signature _____ Phone #:
ROOFING	Print Name _____ License #:	Signature _____ Phone #:
SHEET METAL	Print Name _____ License #:	Signature _____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name _____ License#:	Signature _____ Phone #:
SOLAR	Print Name _____ License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING	00022B	Kevin McPhearson	Kevin McPhearson
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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#4: Harry

SUBCONTRACTOR VERIFICATION FORM

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ELECTRICAL	Print Name _____ Signature _____ License #: Phone #:
MECHANICAL/ A/C _____	Print Name _____ Signature _____ License #: Phone #:
PLUMBING/ GAS 298	Print Name HomeTown Plumbing Signature Don C Bills License #: RF-11064418 Don Bills Phone #: 386-365-6140
ROOFING	Print Name _____ Signature _____ License #: Phone #:
SHEET METAL	Print Name _____ Signature _____ License #: Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name _____ Signature _____ License#: Phone #:
SOLAR	Print Name _____ Signature _____ License #: Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
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New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525
(exp. 02/29/2012)

This form is completed by the licensed Pest Control Company.

#29398

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential, therefore, no assurance of confidentiality is provided.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Company and builder, unless stated otherwise.

Section 1: General Information (Pest Control Company Information)

Company Name Aspen Pest Control, Inc.
Company Address P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB182948 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name Woodman Park Builders Inc. Phone No. 755-2411

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Gary and Patricia Carter
259 NW Bo C T Lake City, FL 32055

Section 4: Service Information

Date(s) of Service(s) 6-8-2011
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other

Check all that apply:
☒ A. Soil Applied Liquid Termiticide
Brand Name of Termiticide: Maxx-Thor EPA Registration No. 83923-6
Approx. Dilution (%): .06 Approx. Total Gallons Mix Applied: 365 Treatment completed on exterior: ☐ Yes ☒ No
☐ B. Wood Applied Liquid Termiticide
Brand Name of Termiticide: EPA Registration No.
Approx. Dilution (%): Approx. Total Gallons Mix Applied:
☐ C. Bait System Installed
Name of System EPA Registration No. Number of Stations Installed
☐ D. Physical Barrier System Installed
Name of System Attach installation information (required)

Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)

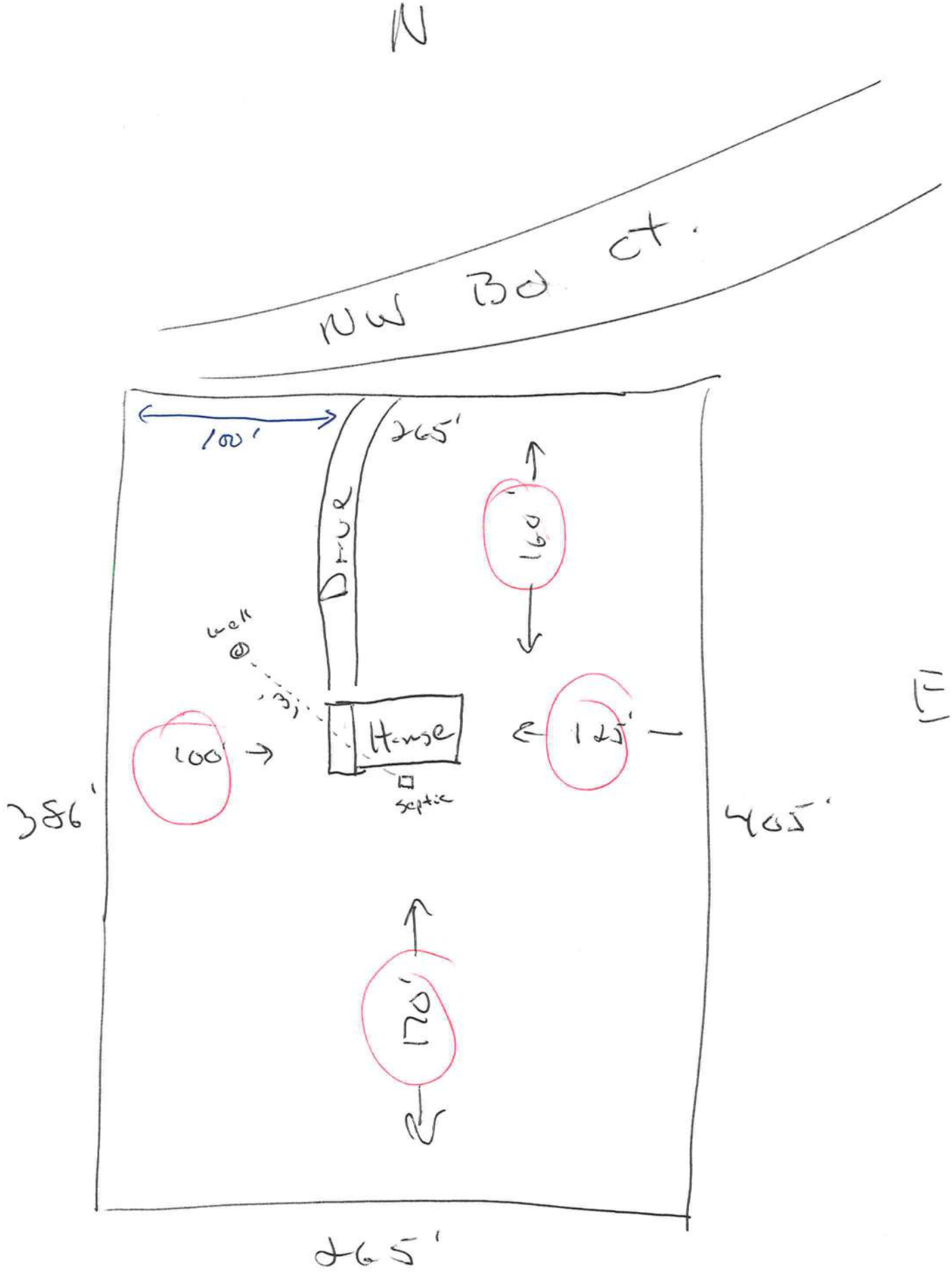
Comments

Name of Applicator(s) C. Lacey Certification No. (if required by State law)

The applicator has used a product in accordance with the product label and state requirements. All materials and methods used comply with state and federal regulations.

Authorized Signature Cliff Lacey Date 6-8-2011

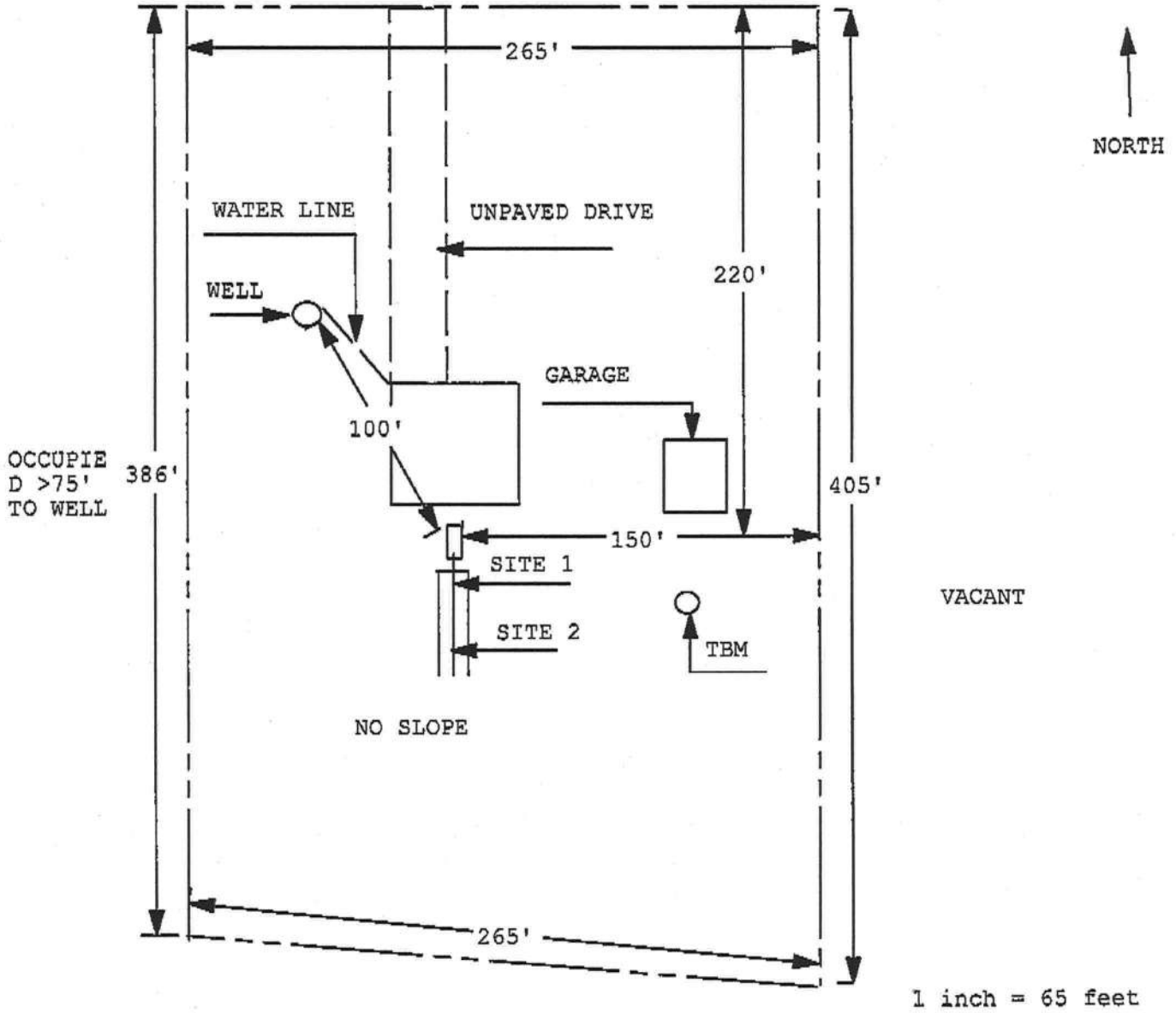
Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)


N
NW 30 ct.
100'
265'
Drive
well
@
House
septic
160'
100'
125'
170'
386'
405'
265'

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 11-0216

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul Lloyd Date 4-27-11

Plan Approved ✓ Not Approved ___ Date 5-9-11

By Sallie Ford Env. Health Director CPHU

Notes: Columbia CHD

11-0216 11-0216

CR # 10-5202

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

PERMIT NO. 1034492
DATE PAID: 5/2/11
FEE PAID: 350.00
RECEIPT #: 1547792

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: GARRETHON & PATRICA CARTER

AGENT: WOODMAN PARK BUILDERS TELEPHONE: (386) 755-2411

MAILING ADDRESS: PO BOX 1755 LAKE CITY FL 32056

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: N/A BLOCK: N/A SUBDIVISION: METES AND BOUNDS PLATTED: _____

PROPERTY ID #: 30-3S-17-05869-008 ZONING: RES I/M OR EQUIVALENT: [NO]

PROPERTY SIZE: 2.470 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [NO] DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: 263 BO CT.

DIRECTIONS TO PROPERTY: 90 WEST TURN RIGHT ON LAKE JEFFERY RD. CROSS RAILROAD TRACK TURN LEFT ON BO CT. GO AROUND CURVE TO RIGHT LOT ON LEFT.

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No.	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	HOUSE	3	1,837	
2				
3				
4				

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

SIGNATURE: _____ DATE: 4-1-2011

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

Columbia County Property Appraiser

DB Last Updated: 3/22/2011

2010 Tax Year

Tax Collector | Tax Estimator | Property Card | Parcel List Generator | Interactive GIS Map | Print

Parcel: 30-3S-17-05869-008

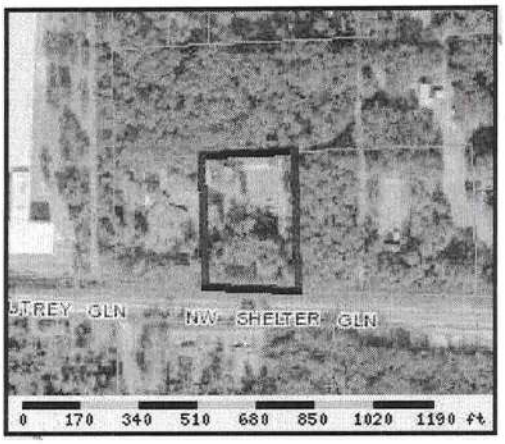
<< Next Lower Parcel | Next Higher Parcel >>

Search Result: 1 of 1

Owner & Property Info

Owner's Name	CARTER GARRETHON E SR &		
Mailing Address	PATRICIA 259 NW BO COURT LAKE CITY, FL 32055		
Site Address	263 NW BO CT		
Use Desc. (code)	VACANT (000000)		
Tax District	2 (County)	**Neighborhood**	30317
Land Area	2.470 ACRES	**Market Area**	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		

COMM NW COR OF SW1/4, RUN S 331.64 FT, E 279.39 FT FOR POB, CONT E 280.06 FT, S 405.64 FT TO N R/W S A L RR, W ALONG R/W 265.16 FT, N 386.08 FT TO POB. ORB 875-350,



Property & Assessment Values

2010 Certified Values		
Mkt Land Value	cnt: (0)	$17,105.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$17,105.00
Just Value		$17,105.00
Class Value		$0.00
Assessed Value		$17,105.00
Exempt Value		$0.00
Total Taxable Value		Cnty: $17,105 Other: $17,105 | Schl: $17,105

2011 Working Values

NOTE:
2011 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
NONE						

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	2.47 AC	1.00/1.00/1.00/0.75	$6,232.79	$15,395.00

Pat Lynch
LYNCH DRILLING
P. O. BOX 934
Branford, FL 32008-0934
(386) 935-1076

Woodman Park Bld
Gary + Patricia Carter
30-35-17-05869-008

DATE: 6-25-11

4" Water well complete with 4" black water well steel casing, 1HP submersible pump (20 gpm) with 1 ¼" galvanized drop pipe, and 81 gallon captive air tank (21.9 gallon drawdown) (maximum 100 feet included) .....

Additional footage over 100 feet will be charged at $8.00 per foot.

Suwannee River Water Management District – well permit .....

Estimated total package .....

Well will be complete at the well site. We do not include electrical nor plumbing connections from the well to the home and/or power pole.

Prices on estimates are subject to change, if estimate is over 30 days old, unless specific arrangements are made to extend limit. Estimated depths are available upon request and after review of the specified location.

Note: Columbia County base price = SRWMD permit + footage as applicable.

THANK YOU!

Seller shall retain title to the described merchandise until such merchandise has been paid for by the buyer, however, buyer shall have the right to use, display, move, prepare, or otherwise deal with the merchandise solely in connection with the sale of such merchandise to buyers in the ordinary course of business. The merchandise delivered hereby is to be paid for upon delivery and if not paid for within thirty (30) days after receipt, interest and service charges shall accrue at the rate of 1 ½% per month; this charge is equivalent to an interest rate of 18% per annum from the date of receipt. In the event it shall become necessary for seller to collect the purchase price, or any part thereof, buyer agrees to pay to seller all of the cost of collection including reasonable attorney's fees and all incidental damages suffered by the seller. The buyer shall have five (5) days after receipt to notify seller of any defects or shortages in the merchandise. If buyer has not so notified seller within such five-day period such rights shall have waived and such merchandise shall be deemed to have been received in good condition. Seller warrants that the merchandise is merchantable and free from defects in material and workmanship. Seller makes no other express or implied warranties and does not warrant that the merchandise is fit for any particular purpose. Buyer further agrees that the site of this contract and place for payment is Suwannee County, Florida. The buyer acknowledges acceptance of the above stated items and conditions if this sale by his receipt and retention for five days the merchandise shipped or delivered by the seller.

NOT RESPONSIBLE FOR QUALITY OF WATER

faxed to: 755-8684
3-31-11 LH

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

March 31, 2011

Woodman Park Builders
Mark Haddox
PO Box 1755
Lake City, FL 32056

RE: 30-3S-17-05869-008 on NW Bo Court

Dear Mr. Maddox,

The above parcel number is located on NW Bo Court which is classified as a private road. The county ordinance does not regulate private roads, therefore we do not issue culvert permits.

Sincerely,

Laurie Hodson, Office Manager
Building & Zoning Department
Columbia County, Florida

COLUMBIA COUNTY BUILDING DEPARTMENT 6-25-09
RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009 SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009 SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) **SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable		
				Yes	No	N/A
1	Two (2) complete sets of plans containing the following:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			✓		
3	Condition space (Sq. Ft.)		Total (Sq. Ft.) under roof	IIIIIII	IIIIIII	IIII

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property.	✓		

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	**Plans or specifications must show compliance with FBCR Chapter 3**	IIIIII	IIIII	IIIIII
		YES	**NO**	**N/A**
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys	✓		
18	Location and size of skylights with Florida Product Approval	✓		
18	Number of stories	✓		
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) **and** Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.			
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)			
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails			
28	Identify accessibility of bathroom (see FBCR SECTION 322)	✓		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.			
32	Assumed load-bearing valve of soil_____ Pound Per Square Foot			
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) **For** structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	✓		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	✓		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	✓		

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. **Protection shall be provided by registered termiticides**	✓		

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	✓		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	✓		

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers			
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers			
42	Attachment of joist to girder			
43	Wind load requirements where applicable			
44	Show required under-floor crawl space			

45	Show required amount of ventilation opening for under-floor spaces			
46	Show required covering of ventilation opening			
47	Show the required access opening to access to under-floor spaces			
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & inter of the areas structural panel sheathing			
49	Show Draftstopping, Fire caulking and Fire blocking			
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			
51	Provide live and dead load rating of floor framing systems (psf).			

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating			
67	Valley framing and support details			
68	Provide dead load rating of rafter system			

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	✓		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	✓		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	✓		
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	✓		

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. **Two of the required forms are to be submitted**, *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	✓		
74	Attic space	✓		
75	Exterior wall cavity	✓		
76	Crawl space	✓		

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans shown in bathrooms **Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required**	✓		
79	Show clothes dryer route and total run of exhaust duct	✓		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	✓		
81	Show the location of water heater	✓		

Private Potable Water

82	Pump motor horse power	✓		
83	Reservoir pressure tank gallon capacity	✓		
84	Rating of cycle stop valve if used	✓		

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	✓		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by **Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A**	✓		
87	Show the location of smoke detectors & Carbon monoxide detectors	✓		
88	Show service panel, sub-panel, location(s) and total ampere ratings	✓		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	✓		
90	Appliances and HVAC equipment and disconnects	✓		
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed **Combination arc-fault circuit interrupter,** Protection device.	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	**City of Lake City** A permit showing an approved waste water sewer tap			
96	**Toilet facilities shall be provided for all construction sites**	✓		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			

98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established	✓		
100	A development permit will also be required. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			
102	**911 Address:** If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125			

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

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

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

Parcel 30-3S-17-05869-007
Prepared By:
Patty Mayo
Route 8 Box 458-A
Lake City, Florida 32055

Warranty Deed

(The terms "grantor" and "grantee" herein shall be construed to include all genders and the singular or plural as the context requires.)

OR 0875 PG 0349

OFFICIAL RECORDS

Made this 9th day of February, 1999 . BETWEEN

Patty Mayo

whose post office address is: Route 8 Box 458-A Lake City, Florida 32055

of the County of Columbia , State of Florida , grantor, and

Garrethon E. Carter, Sr., and his wife Patricia Carter

whose post office address is: Route 8 Box 458-A Lake City, Florida 32055

of the County of Columbia , State of Florida , grantee.

WITNESSETH: That said grantor, for and in consideration of the sum of ten and no/100----- Dollars, and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs, successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

SEE SCHEDULE. "A" ATTACHED

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FL

[redacted] FEB 23 PM 3:26

MCR

Mortgage Stamp 70
Intangible Tax E
DeWitt Cason
Clerk Of Court
MCR D.C.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, Sealed and Delivered in Our Presence:

Patt Mayo
Patty Mayo

PLEASE PRINT OR TYPE NAME AS IT APPEARS

PLEASE PRINT OR TYPE NAME AS IT APPEARS

STATE OF Florida COUNTY OF Columbia

I HEREBY CERTIFY that on the day of Feb. 18, 1999 before me personally appeared

Patty Mayo

who is personally known to me or who has produced the identification shown below, who is the person described in and who executed the foregoing instrument, and who, after being duly sworn, says that the execution hereof is his/her free act and deed for the uses and purposes herein mentioned and an oath was/was not *(mark one out)* taken.

SWORN TO AND SUBSCRIBED before me the undersigned Notary Public by my hand and official seal, the day and year last aforesaid

☐ To me personally known ☑ Identified by Driver's License

My Commission Expires: _____

Carol H Wright
Notary Public

Commission No.: _____

PLEASE PRINT OR TYPE NAME AS IT APPEARS

FORM 150 (12/98)

DESCRIPTION:

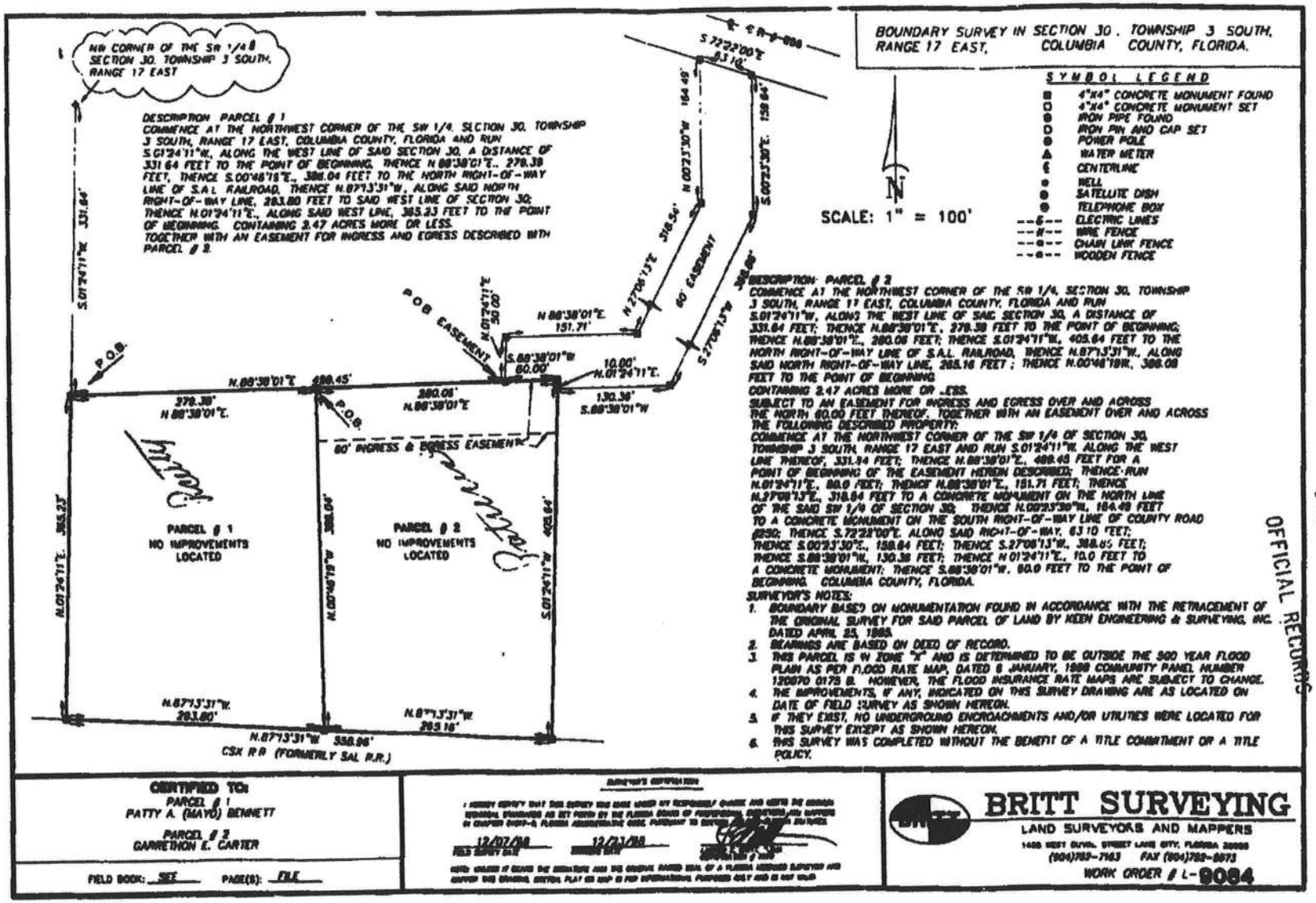
Parcel #2

TOWNSHIP 3 SOUTH, RANGE 17 EAST:

SECTION 30: Commence at the NW corner of the SW¼, Section 30, Township 3 South, Range 17 East, Columbia County, Florida and run S 01°24'11" W, along the West line of said Section 30, a distance of 331.64 feet, thence N 88°38'01" E, 279.39 feet to the Point of Beginning, thence N 88°38'01" E, 280.06 feet thence S 01°24'11" W, 405.64 feet to the North Right of Way line of S.A.L. Railroad, thence N 87°13'31" W, along said North Right of Way line, 265.16 feet, thence N 00°46'19' W, 386.08 feet to the Point of Beginning. Containing 2.47 acres more or less.

SUBJECT TO: an easement for ingress and egress over and across the North 60.00 feet thereof, together with an easment over and across the following described property:

Commence at the NW corner of the SW¼ of Section 30, Township 3 South, Range 17 East and run S 01°24'11" W, along the West line thereof, 331.64 feet, thence N 88°38'01" E, 499.45 feet for a Point of Beginning of the easement herein described, thence run N 01°24'11" E 50.0 feet, thence N 88°38'01" E, 151.71 feet, thence N 27°06'13" E, 318.54 feet to a concrete monument on the North line of the said SW¼ of Section 30, thence N 00°23'30" W, 164.49 feet to a concrete monument on the South Right of Way line of County Road #250, thence S 72°22'00" E along said Right of Way 63.10 feet, thence S 00°23'30" E, 159.64 feet, thence S 27°06'13" W, 368.86 feet, thence S 88°38'01" W, 130.36 fee thence N 01°24'11" E, 10.0 feet to a concrete monument, thence S 88 38'01" W, 60.0 feet to the Point of Beginning, Columbia County, Florida.



BOUNDARY SURVEY IN SECTION 30, TOWNSHIP 3 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

SCALE: 1" = 100'

SYMBOL LEGEND

- 4"X4" CONCRETE MONUMENT FOUND
- 4"X4" CONCRETE MONUMENT SET
- IRON PIPE FOUND
- IRON PIN AND CAP SET
- POWER POLE
- WATER METER
- CENTERLINE
- WELL
- SATELLITE DISH
- TELEPHONE BOX
- ELECTRIC LINES
- WIRE FENCE
- CHAIN LINK FENCE
- WOODEN FENCE

DESCRIPTION PARCEL # 1
COMMENCE AT THE NORTHWEST CORNER OF THE SW 1/4, SECTION 30, TOWNSHIP 3 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA AND RUN S.01°24'11"W., ALONG THE WEST LINE OF SAID SECTION 30, A DISTANCE OF 331.64 FEET TO THE POINT OF BEGINNING; THENCE N.88°38'01"E., 278.38 FEET; THENCE S.00°48'19"E., 388.04 FEET TO THE NORTH RIGHT-OF-WAY LINE OF S.A.L. RAILROAD; THENCE N.87°13'31"W., ALONG SAID NORTH RIGHT-OF-WAY LINE, 283.80 FEET TO SAID WEST LINE OF SECTION 30; THENCE N.01°24'11"E., ALONG SAID WEST LINE, 365.23 FEET TO THE POINT OF BEGINNING. CONTAINING 2.47 ACRES MORE OR LESS. TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS DESCRIBED WITH PARCEL # 2.

DESCRIPTION: PARCEL # 2
COMMENCE AT THE NORTHWEST CORNER OF THE SW 1/4, SECTION 30, TOWNSHIP 3 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA AND RUN S.01°24'11"W., ALONG THE WEST LINE OF SAID SECTION 30, A DISTANCE OF 331.64 FEET; THENCE N.88°38'01"E., 278.38 FEET TO THE POINT OF BEGINNING; THENCE N.88°38'01"E., 280.08 FEET; THENCE S.01°24'11"W., 408.64 FEET TO THE NORTH RIGHT-OF-WAY LINE OF S.A.L. RAILROAD; THENCE N.87°13'31"W., ALONG SAID NORTH RIGHT-OF-WAY LINE, 283.16 FEET; THENCE N.00°48'19"W., 388.08 FEET TO THE POINT OF BEGINNING
CONTAINING 2.47 ACRES MORE OR LESS.
SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE NORTH 60.00 FEET THEREOF. TOGETHER WITH AN EASEMENT OVER AND ACROSS THE FOLLOWING DESCRIBED PROPERTY:
COMMENCE AT THE NORTHWEST CORNER OF THE SW 1/4 OF SECTION 30, TOWNSHIP 3 SOUTH, RANGE 17 EAST AND RUN S.01°24'11"W. ALONG THE WEST LINE THEREOF, 331.64 FEET; THENCE N.88°38'01"E., 498.45 FEET FOR A POINT OF BEGINNING OF THE EASEMENT HEREIN DESCRIBED; THENCE RUN N.01°24'11"E., 60.0 FEET; THENCE N.88°38'01"E., 151.71 FEET; THENCE N.27°08'13"E., 318.64 FEET TO A CONCRETE MONUMENT ON THE NORTH LINE OF THE SAID SW 1/4 OF SECTION 30; THENCE N.00°23'30"W., 164.49 FEET TO A CONCRETE MONUMENT ON THE SOUTH RIGHT-OF-WAY LINE OF COUNTY ROAD #250; THENCE S.72°23'00"E. ALONG SAID RIGHT-OF-WAY, 63.10 FEET; THENCE S.00°23'30"E., 158.64 FEET; THENCE S.27°08'13"W., 388.86 FEET; THENCE S.88°38'01"W., 130.38 FEET; THENCE N.01°24'11"E., 10.0 FEET TO A CONCRETE MONUMENT; THENCE S.88°38'01"W., 60.0 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PARCEL OF LAND BY KEEN ENGINEERING & SURVEYING, INC. DATED APRIL 25, 1985.
2. BEARINGS ARE BASED ON DEED OF RECORD.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

CERTIFIED TO:
PARCEL # 1
PATTY A. (MAYO) BENNETT
PARCEL # 2
GARRETHON E. CARTER

FIELD BOOK: SET PAGE(S): FILE

SURVEYOR'S CERTIFICATION

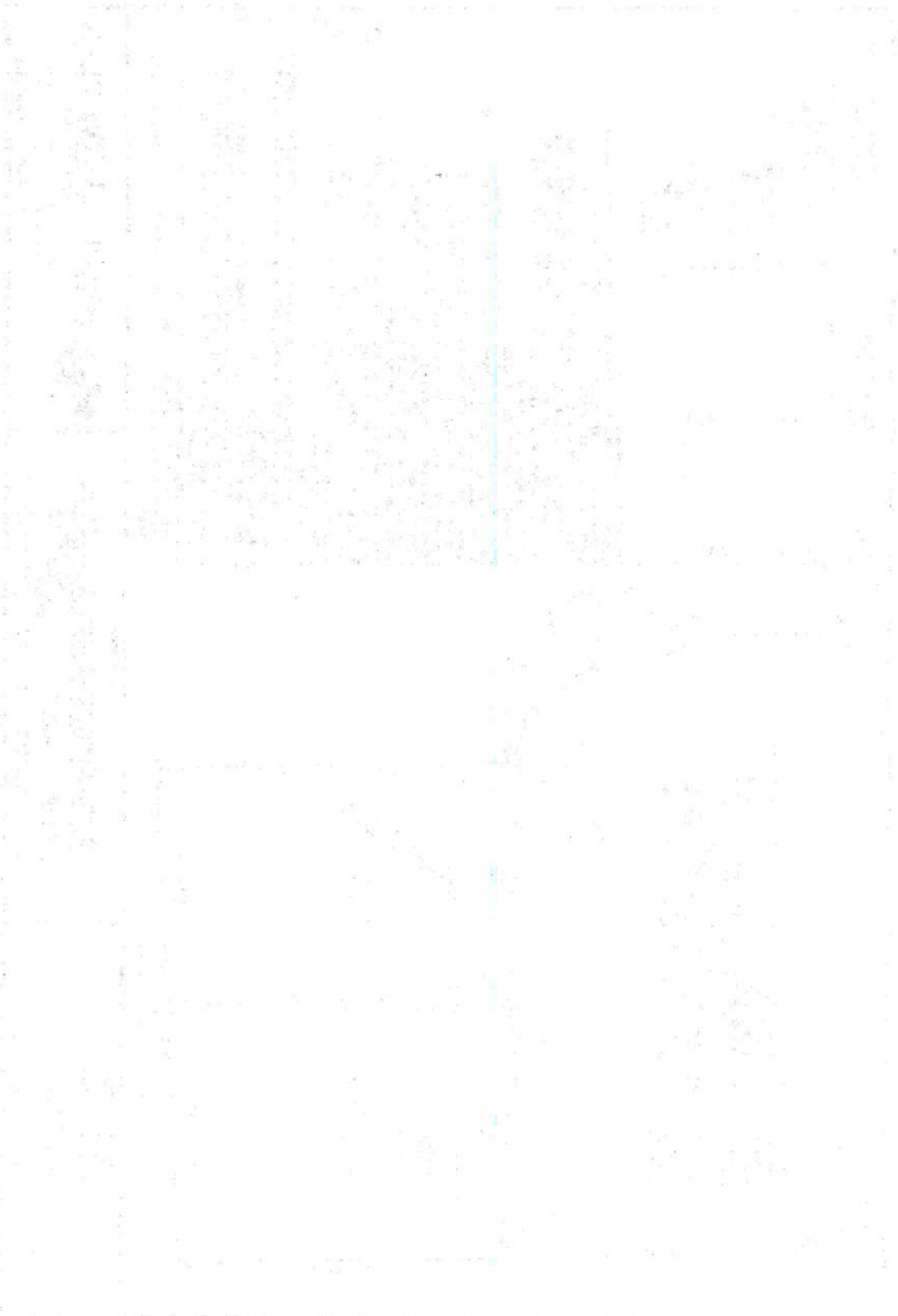
I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

12/07/88 FIELD SURVEY DATE 12/13/88 DRAWING DATE

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID

BRITT SURVEYING
LAND SURVEYORS AND MAPPERS
1408 WEST OLIVE STREET LAKE CITY, FLORIDA 32055
(904)752-7163 FAX (904)752-8673
WORK ORDER # L-8084

OFFICIAL RECORDS
BK 0875 PG 0351



(3)

Permit Number:
Tax Folio Number: 05869-008

State of: Florida
County of: Columbia

File Number: 11-083

Inst:201112005865 Date:4/19/2011 Time:12:40 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1213 P:779

NOTICE OF COMMENCEMENT

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

1. Description of Property:

TOWNSHIP 3 SOUTH, RANGE 17 EAST

SECTION 30: Commence at the NW corner of the SW 1/4, Section 30, Township 3 South, Range 17 East, Columbia County, Florida and run South 01° 24' 11" West, along the West line of said Section 30, a distance of 331.64 feet, thence North 88° 38' 01" East, 279.39 feet to the Point of Beginning, Thence North 88° 38' 01" East 280.06 feet, Thence South 01° 24' 11" West, 405.64 feet to the North Right of Way line of S. A. L. Railroad, Thence North 87° 13' 31" West, along said North Right of Way line, 265.16 feet, Thence North 00° 46' 19" West, 386.08 feet to the Point of Beginning.

SUBJECT TO: An Easement for Ingress and Egress over and across the North 60.00 feet thereof,
TOGETHER WITH: An Easement over and across the following described property:
Commence at the NW corner of the SW 1/4 of Section 30, Township 3 South, Range 17 East and run South 01° 24' 11" West along the West line thereof, 331.64 feet, Thence North 88° 38' 01" East 499.45 feet for a Point of Beginning of the Easement herein described, Thence run North 01° 24' 11" East 50.00 feet, Thence North 88° 38' 01" East, 151.71 feet, Thence North 27° 06' 13" East, 318.54 feet to a concrete monument on the North line of the said SW 1/4 of Section 30, Thence North 00° 23' 30" West, 164.49 feet to a concrete monument on the South Right of Way line of County Road # 250, Thence South 72° 22' 00" East along said Right of Way 63.10 feet, Thence South 00° 23' 30" East, 159.64 feet, Thence South 27° 06' 13" West, 368.86 feet, Thence South 88° 38' 01" West 130.36 feet, Thence North 01° 24' 11" East, 10.00 feet to a concrete monument, Thence South 88° 38' 01" West, 60.00 feet to the Point of Beginning, COLUMBIA COUNTY, FLORIDA.

2. General Description of Improvements: Residential

3. Owner Information:
   a. Name and Address: Garrethon E. Carter Sr. and Patricia Carter
      162 NW Walter Mayo Glen, Lake City, Fl. 32055

   b. Interest in property: Fee Simple

   c. Names and address of fee simple title holder (if other than owner):

4. Contractor: Woodman Park Builders, Inc
5. Surety: N/A

6. Lender: First Federal Bank of Florida, Its Successors and/or Assigns, ATIMA, 4705 West U. S. Highway 90, Lake City, Florida 32055

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a)7., Florida Statutes.

8. In addition to himself, Owner designates **PAULA HACKER, of FIRST FEDERAL BANK OF FLORIDA,** 4705 W. U. S. Highway 90, Lake City, Florida 32055 to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): .

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTIN 713, 13,FLORIDA STATUES AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY, A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ANY ATTORNEY BEFORE CONSTRUCTION WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Gerrethon E Carter SR
Garrethon E. Carter, Sr.

Patricia Carter
Patricia Carter

Sworn to and subscribed before me April 18, 2011 by Gerrethon E. Carter, Sr. and Patricia Carter who is personally known to me or who did provide Drivers Licenses as identification.

Elaine R. Davis
Notary Public
My Commission Expires:

ELAINE R. DAVIS
MY COMMISSION # DD 709586
EXPIRES: October 14, 2011
Bonded Thru Notary Public Underwriters

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 30-3S-17-05869-008 **Building permit No.** 000029398

Use Classification SFD, UTILITY **Fire:** 77.00

Permit Holder MARK HADDOX **Waste:** 201.00

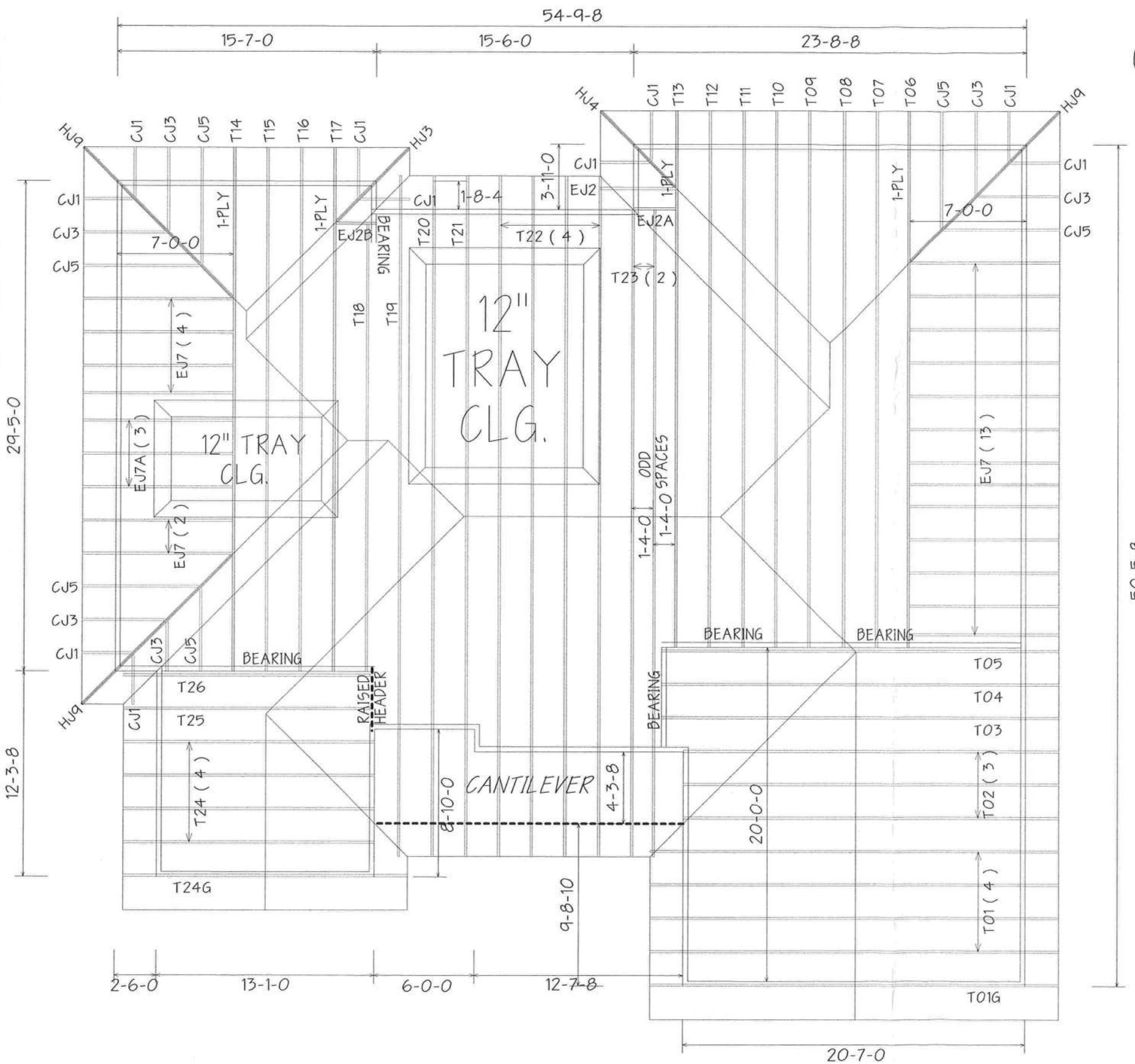
Owner of Building GARY & PATRICIA CARTER **Total:** 278.00

Location: 259 NW BO COURT, LAKE CITY, FL 32055

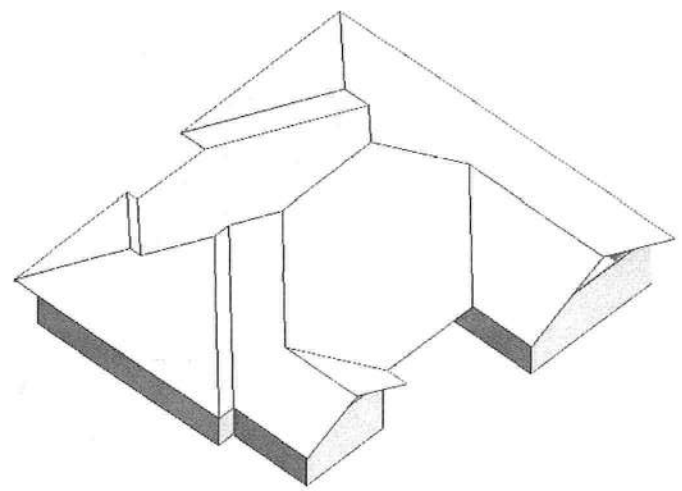
Date: 10/10/2011

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



6/12 PITCH
24" O/H



BEARING HEIGHT SCHEDULE

8' 1-1/8"

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL VID5 FOR ALTERNATE BRACING REQUIREMENTS.

3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING. UNLESS OTHERWISE NOTED.

5) ALL WALLS SHOWN ON FLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HTU26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date: _____

Approved by: _____ Date: _____

Builders FirstSource

Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973

Lake City
PHONE: 386-755-6894 FAX: 386-755-7973

Sanford
PHONE: 407-322-0059 FAX: 407-322-9553

BUILDER: WOODMAN PARK		
LEGAL ADDRESS: CARTER RES.		
MODEL: CUSTOM		REVISION: SCALE: NTS
DATE: 4-21-11	DRAWN BY: K.L.H.	JOB #: 370290