LIC# 1651

06-1136-N

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0612-83 Date Received 12/29 By JW Permit # 25457

Application Approved by - Zoning Official BLK Date 05.01.07 Plans Examiner OKJTH Date 1-24-07

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments

Applicants Name ~~JOHN & LINDA BROWN~~ TERRY CUMMINGS Phone (352) 873-2411

Address ~~12445 TANGERINE BLVD N. PALM BEACH, FL 33412~~ 3101 SW 34TH AVE STE 902 OCALA, FL 34474

Owners Name JOHN & LINDA BROWN Phone (561) - 798-1401

911 Address 350 SW CUMBERLAND ST. FT WHITE, FL 32038

Contractors Name AMERICAS HOME PLACE Phone 352-873-2411

Address 3101 SW 34TH AVE, STE 902 OCALA, FL 34474

Fee Simple Owner Name & Address JOHN & LINDA BROWN

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address ENGINEERING SERVICES GROUP 1299 FAIRBANKS AVE WINTER PARK, FL

Mortgage Lenders Name & Address SUNTRUST MORTGAGE 350 N LAKE DESTINY DR MAITLAND, FL

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 15-7S-16-04226-132 Estimated Cost of Construction 184,897.60

Subdivision Name SHILOH RIDGE Lot 32 Block — Unit — Phase —

Driving Directions I-75 S TO EXIT 414 GO W ON 441/41 TR ON CR 778 3.5 mi TO US27/FL 20 TL TO COMMUNITY LN TR .4 mi TO SHILOH RD TR, 1.5 mi TO SW FRY ST TR, .1 mi TO CUMBERLAND ST TL, 1 mi TO #350 TL

Type of Construction SINGLE FAMILY RESIDENCE Number of Existing Dwellings on Property 0

Total Acreage 10 Lot Size — Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 1140' Side 144' Side 144' Rear 148'

Total Building Height 20' Number of Stories 2 Heated Floor Area 2090 TOTAL 2316 Roof Pitch 12/12

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.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

STANTON VAN CONNER
Owner Builder or Agent (Including Contractor)

Stanton Van Conner
Contractor Signature
Contractors License Number CRC 051203
Competency Card Number
NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 28TH day of DECEMBER 2006.

Personally known X or Produced Identification

Brian F. Dougherty
Notary Signature

Brian F. Dougherty
Commission #DD303743
Expires: Mar 25, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

18.50 REC

2

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
13795 SW 36TH AVE RD, STE.6
MARION OAKS PROFESSIONAL BLDG
OCALA, FL 34473 adc - 11010

RETURN TO

Parcel I.D. #: *15-7S-16-04226-132*
Owner(s) SS#'s:

SPACE ABOVE THIS LINE FOR PROCESSING DATA — *SPACE ABOVE THIS LINE FOR RECORDING DATA*

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

LOT 32, SHILOH RIDGE UNREC.,
LOT 32, SHILOH RIDGE, AN UNRECORDED SUBDIVISION,
MORE PARTICULARLY DESCRIBED AS FOLLOWS:

SEE EXHBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Lori Tuck
Deputy Clerk
Date 12-29-06

CLERK CIRCUIT COURT FLORIDA COLUMBIA COUNTY

2. General description of improvement: **construction of single family dwelling**

3. Owner information:
   a. Name and address:
      JOHN M. BROWN and LINDA M. BROWN
      12945 TANGERINE BLVD., WEST PALM BEACH, FL 33412
   b. Interest in property: **Fee Simple**
   c. Name and Address of Fee Simple Titleholder (if other than owner).

4. Contractor: (Name and Address)
   America's Home Place
   3101 SW 34th Ave., Ocala, FL 34474
   Telephone Number: **352-873-2411**

5. Surety (if any)
   a. Name and Address:
      Telephone Number: _____
   b. Amount of Bond $_____

6. Lender: (Name and Address)
   SUNTRUST MORTGAGE INC. A VIRGINIA CORP.
   350 N LAKE DESTINY ROAD, MAITLAND, FL 32751
   Telephone Number: _____

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)
   N/A

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
   SUNTRUST MORTGAGE INC. A VIRGINIA CORP.
   350 N LAKE DESTINY ROAD, MAITLAND, FL 32751
   Telephone Number: _____

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____

John Brown (SEAL)
JOHN M. BROWN

Linda M Brown (SEAL)
LINDA M. BROWN

Sworn to and subscribed before me this **22nd** day of November, 2006, by **JOHN M. BROWN and LINDA M. BROWN**, who are personally known to me or who have produced _____ as identification.

Dianne L Wilson
Notary Public
My Commission Expires: 11/3/2009

Notary Public State of Florida
Dianne L Wilson
My Commission DD487811
Expires 11/03/2009

Inst:2006028284 Date:11/30/2006 Time:14:21
DC,P.DeWitt Cason,Columbia County B:1103 P:1455

EXHIBIT "A"

ATS# 1670

Inst:200200900S Date:05/06/2002 Time:10:59:10
Doc Stamp-Deed : 203.00
DC,P.DeWitt Cason,Columbia County B:952 P:2148

Lot 32 , Shiloh Ridge

Commence at the Southeast corner of the Northwest 1/4 of the Southeast ¼; Section 15, Township 7 South, Range 16 East, Columbia County, Florida, and run thence South 89 deg 05'46" West along the South line of said NW ¼ of the SE 1/4 1005.02 feet to the Southeast corner of said lot and to the point of beginning, thence: continue South 89 deg 05'46" West along said South line 320.02 feet to the Southwest corner of said NW ¼ of the SE ¼, thence continue South 89 deg 05'46" West along the South line of the North ½ of the SW ¼, 14.06 feet, thence North 00 deg 47'23" West 1324.61 feet; thence North 89 deg 03'48" East 330.81 feet; thence South 00 deg 55'54" East 1324.80 feet to the point of beginning. The North 30 feet of said lands being subject to an easement for ingress and egress

TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE FOLLOWING DESCRIBED PROPERTY:

60-Foot Road Easement

A strip of land 60 feet in width being 30 feet each side of a centerline described as follows:
Commence at the Southeast corner of the SW ¼ of the NE ¼, Section 15, Township 6 South, Range 16 East, Columbia County, Florida and run thence S 89 deg 03'48" W, 20.45 feet to the West line of Fry Road and to the Point of Beginning, thence continue S 89 deg 03'48" W, 1976.52 feet to Reference Point "A", thence continue S 89 deg03'48" W, 1317.40 feet to Reference Point "B", thence continue S 89 deg 03'48" W, 659.08 feet to the Point of Termination. Also begin at Reference Point "A" and run thence N 00 deg 47'23" W, 1324.16 feet, thence N 00 deg 12'04" E, 662.25 feet, thence N 00 deg 47'23" W, 40.00 feet to the Centerpoint of a Cul-de-sac having a radius of 50 feet and to the Point of Termination. Also begin as Reference Point "A" and run thence S 00 deg 47'23" E, 702.12 feet to the Centerpoint of a Cul-de-sac having a radius of 50 feet and to the Point of Termination. Also begin at Reference point "B" and run thence N 00 deg 44'30" W, 1323.37 feet, thence N 00 deg 30'31" W, 701.80 feet to the Centerpoint of a Cul-de-sac having a radius of 50 feet and to the Point of Termination. Also begin at Reference Point "B" and run thence S 00 deg 44'30" E, 701.74 feet to the Centerpoint of a Cul-de-sac having a radius of 50 feet and to the Point of Termination.

Inst:2006028284 Date:11/30/2006 Time:14:21
DC,P.DeWitt Cason,Columbia County B:1103 P:1456

FORM 600A-2004R EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**AHP-BROWN 1**	Builder:	**SUPERIOR AIR CONDITIONIN**
Address:		Permitting Office:	~~marion~~ Columbia
City, State:	**OCALA,**	Permit Number:	25457
Owner:	**AMERICAS HOME PLACE**	Jurisdiction Number:	~~521000~~ 221000
Climate Zone:	**Central**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 18.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. Central Unit	Cap: 30.0 kBtu/hr
5. Is this a worst case?	No		SEER: 13.00
6. Conditioned floor area (ft²)	2090 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT)	7a. (Dble, U=0.6) 90.0 ft²	a. Electric Heat Pump	Cap: 18.0 kBtu/hr
b. SHGC:			HSPF: 8.50
(or Clear or Tint DEFAULT)	7b. (Clear) 155.0 ft²	b. Electric Heat Pump	Cap: 30.0 kBtu/hr
8. Floor types			HSPF: 8.50
a. Slab-On-Grade Edge Insulation	R=0.0, 120.3(p) ft	c. N/A	
b. Raised Wood, Adjacent	R=0.0, 830.0ft²		
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=11.0, 2191.0 ft²		EF: 0.93
b. N/A		b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 1260.0 ft²	15. HVAC credits	PT.
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 74.0 ft	MZ-C-Multizone cooling,	
b. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 88.0 ft	MZ-H-Multizone heating)	

Glass/Floor Area: 0.07 Total as-built points: 24064 Total base points: 24548 **PASS**

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

PREPARED BY: _____

DATE: 12-16-06

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

OWNER/AGENT: _____

DATE: 12/19/06

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: _____

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.5

The higher the score, the more efficient the home.

AMERICAS HOME PLACE, , OCALA, ,

1.	New construction or existing	New			
2.	Single family or multi-family	Single family			
3.	Number of units, if multi-family	1			
4.	Number of Bedrooms	3			
5.	Is this a worst case?	No			
6.	Conditioned floor area (ft²)	2090 ft²			
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description	Area		
	(or Single or Double DEFAULT)	7a. (Dble, U=0.6)	90.0 ft²		
b.	SHGC:				
	(or Clear or Tint DEFAULT)	7b. (Clear)	155.0 ft²		
8.	Floor types				
a.	Slab-On-Grade Edge Insulation	R=0.0, 120.3(p) ft			
b.	Raised Wood, Adjacent	R=0.0, 830.0ft²			
c.	N/A				
9.	Wall types				
a.	Frame, Wood, Exterior	R=11.0, 2191.0 ft²			
b.	N/A				
c.	N/A				
d.	N/A				
e.	N/A				
10.	Ceiling types				
a.	Under Attic	R=30.0, 1260.0 ft²			
b.	N/A				
c.	N/A				
11.	Ducts				
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 74.0 ft			
b.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 88.0 ft			
12.	Cooling systems				
a.	Central Unit			Cap: 18.0 kBtu/hr	
				SEER: 13.00	
b.	Central Unit			Cap: 30.0 kBtu/hr	
				SEER: 13.00	
c.	N/A				
13.	Heating systems				
a.	Electric Heat Pump			Cap: 18.0 kBtu/hr	
				HSPF: 8.50	
b.	Electric Heat Pump			Cap: 30.0 kBtu/hr	
				HSPF: 8.50	
c.	N/A				
14.	Hot water systems				
a.	Electric Resistance			Cap: 50.0 gallons	
				EF: 0.93	
b.	N/A				
c.	Conservation credits				
	(HR-Heat recovery, Solar DHP-Dedicated heat pump)				
15.	HVAC credits			PT.	
	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)				

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

Builder Signature: Terry Cummings Date: 12-19-06

Address of New Home: 350 Cumberland St City/FL Zip: Ft. White FL

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

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **OCALA**, , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2090.0	24.35	9160.0	1.Double,U=0.65,Clear	S	0.0	0.0	90.0	42.77	1.00	3849.0
				2.Double,U=0.65,Clear	E	0.0	0.0	15.0	56.50	1.00	847.0
				3.Double,U=0.65,Clear	W	0.0	0.0	15.0	51.06	1.00	765.0
				4.Double,U=0.65,Clear	N	0.0	0.0	35.0	27.22	1.00	952.0
				As-Built Total:				**155.0**			**6413.0**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			11.0	2191.0	1.90		4162.9
Exterior	2191.0	1.90	4162.9								
Base Total:	**2191.0**		**4162.9**	**As-Built Total:**				**2191.0**			**4162.9**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				21.0	4.80		100.8
Exterior	42.0	4.80	201.6	2.Exterior Insulated				21.0	4.80		100.8
Base Total:	**42.0**		**201.6**	**As-Built Total:**				**42.0**			**201.6**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1260.0	2.13	2683.8	1. Under Attic			30.0	1260.0	2.13 X 1.00		2683.8
Base Total:	**1260.0**		**2683.8**	**As-Built Total:**				**1260.0**			**2683.8**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	120.3(p)	-31.8	-3825.5	1. Slab-On-Grade Edge Insulation			0.0	120.3(p	-31.90		-3837.6
Raised	830.0	-3.43	-2846.9	2. Raised Wood, Adjacent			0.0	830.0	5.30		4399.0
Base Total:			**-6672.4**	**As-Built Total:**				**950.3**			**561.4**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	2090.0	14.31	29907.9					2090.0	14.31		29907.9

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **OCALA**, , PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 39443.8			**Summer As-Built Points:**					**43930.6**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 18000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			43931	0.38	(1.09 x 1.150 x 0.90)	0.260	0.950	4577.9
			(sys 2: Central Unit 30000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			43931	0.63	(1.09 x 1.150 x 0.90)	0.260	0.950	7629.8
39443.8	**0.3250**	**12819.2**	**43930.6**	**1.00**	**1.125**	**0.260**	**0.950**	**12207.7**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **OCALA**, , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2090.0	9.11	3427.0	1.Double,U=0.65,Clear	S	0.0	0.0	90.0	4.19	1.00	376.0	
				2.Double,U=0.65,Clear	E	0.0	0.0	15.0	6.22	1.00	93.0	
				3.Double,U=0.65,Clear	W	0.0	0.0	15.0	6.92	1.00	103.0	
				4.Double,U=0.65,Clear	N	0.0	0.0	35.0	8.32	1.00	291.0	
				As-Built Total:				**155.0**			**863.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			11.0	2191.0	2.00		4382.0	
Exterior	2191.0	2.00	4382.0									
Base Total:	**2191.0**		**4382.0**	**As-Built Total:**				**2191.0**			**4382.0**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				21.0	5.10		107.1	
Exterior	42.0	5.10	214.2	2.Exterior Insulated				21.0	5.10		107.1	
Base Total:	**42.0**		**214.2**	**As-Built Total:**				**42.0**			**214.2**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1260.0	0.64	806.4	1. Under Attic			30.0	1260.0	0.64 X	1.00	806.4	
Base Total:	**1260.0**		**806.4**	**As-Built Total:**				**1260.0**			**806.4**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	120.3(p)	-1.9	-228.6	1. Slab-On-Grade Edge Insulation			0.0	120.3(p	2.50		300.8	
Raised	830.0	-0.20	-166.0	2. Raised Wood, Adjacent			0.0	830.0	5.30		4399.0	
Base Total:			**-394.6**	**As-Built Total:**				**950.3**			**4699.8**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	2090.0	-0.28	-585.2					2090.0	-0.28		-585.2	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **OCALA**, , PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**7849.8**	**Winter As-Built Points:**					**10380.2**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 18000 btuh ,EFF(8.5) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			10380.2	0.375	(1.078 x 1.160 x 0.92)	0.402	0.950	1708.2
			(sys 2: Electric Heat Pump 30000 btuh ,EFF(8.5) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			10380.2	0.625	(1.078 x 1.160 x 0.92)	0.402	0.950	2847.0
7849.8	**0.5540**	**4348.8**	**10380.2**	**1.00**	**1.150**	**0.402**	**0.950**	**4555.2**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , **OCALA**, ,	PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2460.00	7380.0	50.0	0.93	3		1.00	2433.55	1.00	7300.6
				As-Built Total:							**7300.6**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
12819	**4349**	**7380**	**24548**	**12208**	**4555**	**7301**	**24064**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , **OCALA**, , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-01136N

PART II - SITE PLAN

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

See Attached

Notes:

ELEV. PT. → SITE #1

Site Plan submitted by: _____ Agent
Signature Title

Plan Approved APPROVED Not Approved

Date 12/29/06
1/9/07

By _____ Columbia CHD
County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

RECORDED IN OFFICIAL RECORDS
INSTRUMENT # 2149514 2 PGS
2005 JUL 06 10:11 AM BK 3162 PG 396
J. K. "BUDDY" IRBY
CLERK OF CIRCUIT COURT
ALACHUA COUNTY, FLORIDA
CLERK10 Receipt#242737
Doc Stamp-Deed: 587.30

2149514

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

WARRANTY DEED

(STATUTORY FORM - SECTION 689.02, F.S.)
This document prepared by and to be returned to:
Kyle E. Petteway
Grunder & Petteway, P. A.
23349 NW CR 236, Suite 10
High Springs, Florida, 32643

Tax Parcel Number:
R04226-132

Inst:2005018139 Date:07/29/2005 Time:15:20
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1053 P:1049

THIS INDENTURE made June 30, 2005,

BETWEEN Cecilio Roldan and Lillian Roldan, husband and wife, whose post office address is ~~[illegible]~~ SW Cumberland Street, Ft. White, Florida, 32038, herein called Grantor, and

John M. Brown and Linda M. Brown, husband and wife, whose post office address is 12945 Tangerine Blvd, West Palm Beach, Florida, 33412, herein called Grantee,

Witnesseth that said grantor, for and in consideration of the sum of TEN AND NO/100 ($10.00) 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 and assigns forever, the following described land, situate, lying and being in the county(ies) of Columbia state of Florida, to wit:

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By _____ Deputy Clerk
Date 12-29-06

Lot 32 Shiloh Ridge

Commence at the Southeast corner of the Northwest 1/4 of the Southeast 1/4; Section 15, Township 7 South, Range 16 East, Columbia County, Florida, and run thence South 89 deg. 05 min. 46 sec. West along the South line of said Northwest 1/4 of the Southeast 1/4, 1005.02 feet to the Southeast corner of said lot and to the Point of Beginning; thence continue South 89 deg. 05 min. 46 sec. West along said South line, 320.02 feet to the Southwest corner of said Northwest 1/4 of the Southeast 1/4; thence continue South 89 deg. 05 min. 46 sec. West along the South line of the North 1/2 of the Southwest 1/4, 14.06 feet; thence North 00 deg. 47 min. 23 sec. West, 1324.61 feet; thence North 89 deg. 03 min. 48 sec. East, 330.81 feet; thence South 00 deg. 55 min. 54 sec. East, 1324.80 feet to the Point of Beginning. The North 30 feet of said lands being subject to an easement for ingress and egress.

Together with an easement for ingress and egress over and across the following described property:

60 foot road easement

A strip of land 60 feet in width being 30 feet each side of a centerline described as follows:

Commence at the Southeast corner of the Southwest 1/4 of the Northeast 1/4, Section 15, Township 6 South, Range 16 East, Columbia County, Florida and run thence South 89 deg. 03 min. 48 sec. West, 20.45 feet to the West line of Fry Road and to the Point of Beginning; thence continue South 89 deg. 03 min. 48 sec. West, 1976.52 feet to Reference Point "A"; thence continue South 89 deg. 03 min. 48 sec. West, 1317.40 feet to Reference Point "B"; thence continue South 89 deg. 03 min. 48 sec. West, 659.08 feet to the Point of Termination. Also begin at Reference Point "A" and run thence North 00 deg. 47 min. 23 sec. West, 1324.16 feet; thence North 00 deg. 12 min. 04 sec. East, 662.25 feet; thence North 00 deg. 47 min. 23 sec. West, 40.00 feet to the Centerpoint of a cul-de-sac having a radius of 50 feet and to the Point of Termination. Also begin at Reference Point "A" and run thence South 00 deg. 47 min. 23 sec. East, 702.12 feet to the Centerpoint of a cul-de-sac having a radius of 50 feet and to the Point of Termination. Also begin at Reference Point "B" and run thence North 00 deg. 44 min. 30 sec. West, 1323.37 feet; thence North 00 deg. 30 min. 31 sec. West, 701.80 feet to the Centerpoint of a cul-de-sac having a radius of 50 feet and to the Point of Termination. Also begin at Reference Point "B" and run thence South 00 deg. 44 min. 30 sec. East, 701.74 feet to the Centerpoint of a cul-de-sac having a radius of 50 feet and to the Point of Termination.

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.

Grantor and grantee are used for singular or plural, as context requires.

INSTRUMENT # 2149514
2 PGS

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:

Witness: Print Name Sean Mahoney

Witness: Print Name Kyle E. Petteway

Cecilio Roldan

Witness: Print Name Sean Mahoney

Witness: Print Name Kyle E. Petteway

Lillian Roldan

State of Florida
County of Alachua

The foregoing instrument was acknowledged before me this 30th day of June, 2005 by Cecilio Roldan and Lillian Roldan who

( ) are personally known to me
(✓) who have produced a valid Florida driver's license as identification
( ) who produced _____ as identification

Notary Public at Large, State of Florida

(SEAL)
7825

KYLE E. PETTEWAY NOTARY PUBLIC STATE OF FLORIDA
My Comm. Expires August 1, 2007
No. D D 236752

Inst:200518139 Date:07/29/2005 Time:15:20
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1053 P:1050

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

CONNER, STANTON VAN
AMERICA'S HOME PLACE INC
PO BX 1316
GAINESVILLE GA 30501

STATE OF FLORIDA AC# 2678364
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CRC057203 07/25/06 060066609

CERTIFIED RESIDENTIAL CONTRACTOR
CONNER, STANTON VAN
AMERICA'S HOME PLACE INC

IS CERTIFIED under the provisions of Ch. 489 FS
Expiration date: AUG 31, 2008 L06072501199

DETACH HERE

AC# 2678364 **STATE OF FLORIDA**

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD SEQ# L06072501199

DATE	BATCH NUMBER	LICENSE NBR
07/25/2006	060066609	CRC057203

The RESIDENTIAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2008

CONNER, STANTON VAN
AMERICA'S HOME PLACE INC
2144 HILTON DRIVE
GAINSVILLE GA 30501

JEB BUSH
GOVERNOR

SIMONE MARSTILLER
SECRETARY

LIMITED POWER OF ATTORNEY

January 12, 2006
DATE

I hereby name and appoint Ron Ripple, Terry Cummings
of America's Home Place to be my lawful attorney
in fact to act for me and apply to Marion Co., Levy Co. Alachua Co Sumter Co., Putnam Co., Citrus Co Columbia Co. for
a Building permit for work to be performed
at a location desired as: Section _____ Township _____
Range _____ Lot _____ Block _____ Subdivision _____

(Address of Job) For AHP Ocala office Jobs and Locations.

(Owner of Property and Address)

And to sign my name and do all things necessary to this appointment.

Stanton Van Conner #CR-C057203
Type or Print Name of Certified Contractor, License #

Stanton Van Conner
Signature of Certified Contractor

State of Florida County: Marion
Acknowledged:

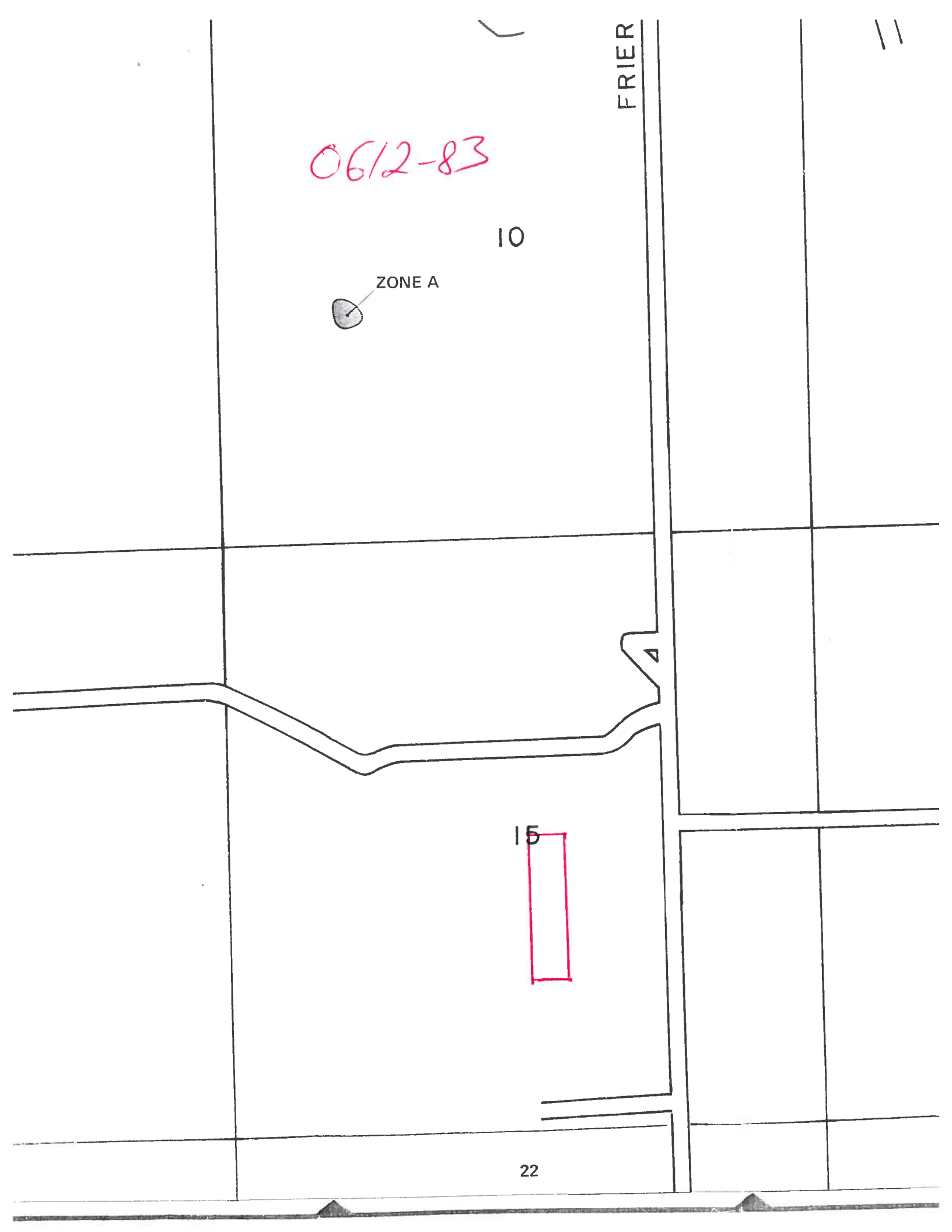
Sworn to and subscribed before me this
12th Day of January AD 2006 By Stanton Van Conner
Know personally Notary Public, State of Florida

(Seal)

My Commission Expires: 11-9-2007

Terry B Cummings
Terry B Cummings

TERRY B. CUMMINGS
Comm# DD0265747
Expires 11/9/2007
Bonded thru (800)432-4254
Florida Notary Assn., Inc


FRIER
0612-83
10
ZONE A
15
22

E|S|G Engineering Services Group, Inc.
1299 W. Fairbanks Ave. Suite B. Winter Park, FL 32789 (407) 740-7111 / fax (407) 740-7656
229 S. Osprey Ave. Apt. 102 Sarasota, FL 34236 (941) 953-9711 / fax (941) 953-4711
359-B W. Alfred St. Tavares, Fl 32778 (352) 343-7891 / fax (352) 343-7892

#25957

To: Building Department
Subject: Field Revisions
Project: Brown Residence

Dear Building Official:

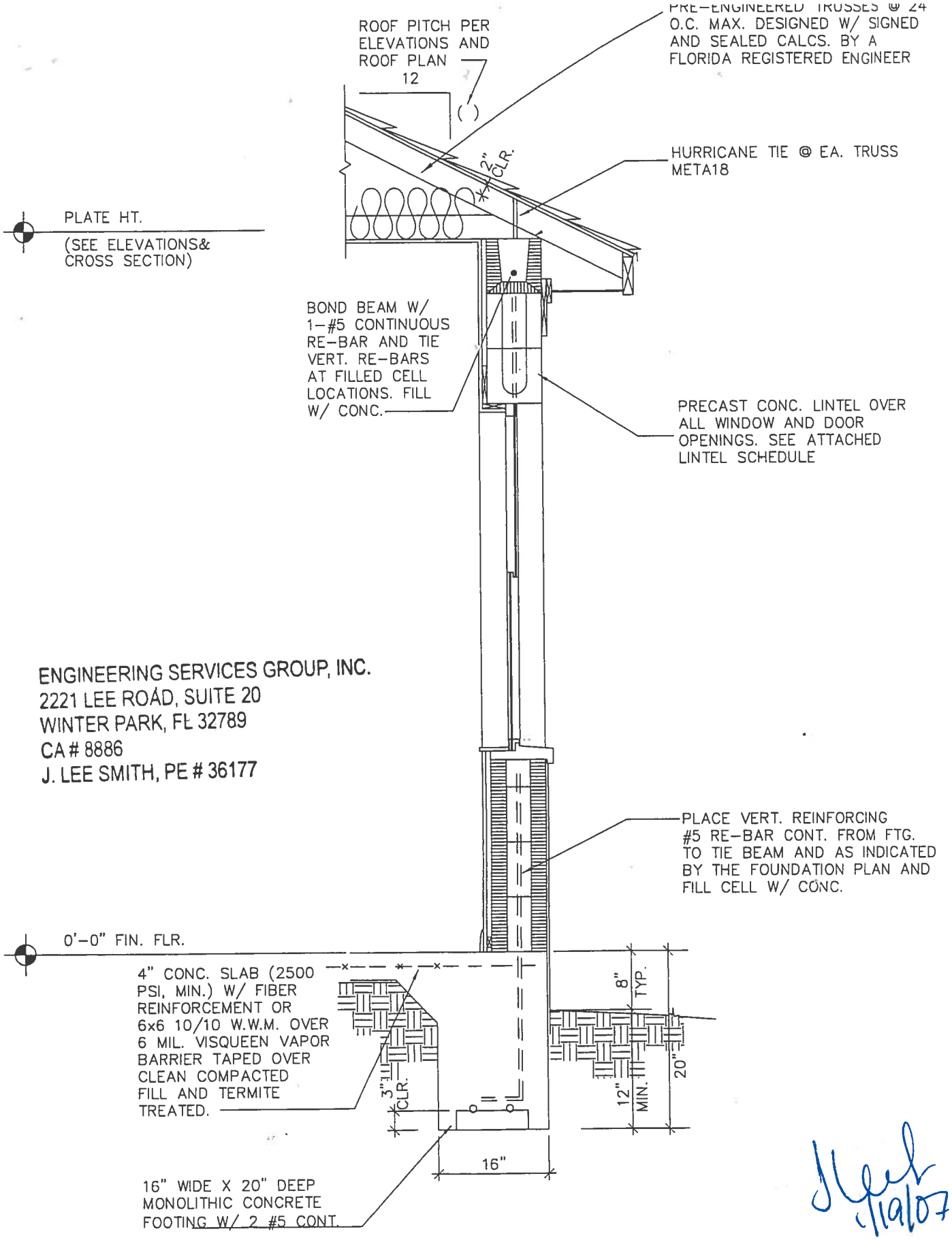
In lieu of the original plan specifications, we have reviewed the subject / project and approve of the following:

1. Mono footing per attached detail.

If you have any questions please call me at the Winter Park office.

Thank you,

J. Lee Smith
FL PE# 36177
01-19-07



1/19/07

One Story Typ. Wall Section

B-6

N.T.S.

Accurate
PEST CONTROL, INC.

NOTICE OF TERMITE PROTECTIVE TREATMENT

AS REQUIRED BY FLORIDA BUILDING CODE (FBC) 104.2.6

DATE OF TREATMENT: 2-21-07 TIME OF TREATMENT: IN 8:15 APPLICATOR: Kenny

OUT _____

BUILDER NAME: America's Home Place

TREATMENT ADDRESS: 350 Cumberland St
Ft. White
Bora care treatment Doesn't include stair case

JOB #: 000025457 LOT: _____ BLOCK: _____ UNIT: _____

SPRAY & TAMP (SPRAY ONLY) SPRAY # 1 (RESIDENTIAL) COMMERCIAL ADDITION

CHEMICAL: Bora care .23 % 1.65 GALLONS

MONOLITHIC 1496 S/F STEMWALL _____ SF

330 L/F _____ L/F

PERIMETER TREATMENT

CHEMICAL: _____ _____ % _____ GALLONS

DATE OF TREATMENT: _____ TIME OF TREATMENT: _____ APPLICATOR: _____

_____ L/F

300 S. STATE ROAD 7 PLANTATION, FLORIDA 33317 954-584-8588 1-800-749-8588 FAX: 954-584-6117

Accurate
PEST CONTROL, INC.

NOTICE OF TERMITE PROTECTIVE TREATMENT

AS REQUIRED BY FLORIDA BUILDING CODE (FBC) 104.2.6

DATE OF TREATMENT: 2-26-07 TIME OF TREATMENT: IN 12:40 APPLICATOR: Kenny

OUT 1:10

BUILDER NAME: America's Home place.

TREATMENT ADDRESS: 350 Cumberland St.

Ft. White

Born care treatment to stair case only

JOB #: 28457 LOT: _____ BLOCK: _____ UNIT: _____

SPRAY & TAMP (SPRAY ONLY) SPRAY # 2 (RESIDENTIAL) COMMERCIAL ADDITION

CHEMICAL: Born care .23 % .20 GALLONS

MONOLITHIC _____ S/F STEMWALL _____ SF

36 L/F _____ L/F

PERIMETER TREATMENT

CHEMICAL: _____ _____ % _____ GALLONS

DATE OF TREATMENT: _____ TIME OF TREATMENT: _____ APPLICATOR: _____

_____ L/F

300 S. STATE ROAD 7 PLANTATION, FLORIDA 33317 954-584-8588 1-800-749-8588 FAX: 954-584-6117

Southern Building Products, Inc
95 Bennett St - Auburndale FL 33823
Phone (863)965-7173 Fax (863) 965-7383
http://www.southemtruss.com

Builder America s Home Place
Project Name Brown Residence
Model Charlestown
County Columbia

Occupancy
X SFR
Multi-Family
Commercial

STATEMENT

I certify that the engineering for the truss listed on the attached index sheets have been designed and checked for compliance with the Standard Building code 1997 and FBC2004 using Mitek Engineering software The truss system has been designed to provide adequate resistance to wind load and forces as required by one of the following provisions

Design Criteria

X ASCE 7-02 120
Exposure B
Engineer Stephen W Warty
Address 4922 Dyer Blvd
West Palm Beach FL 33407

Roof

Top chord live load	20.0
Top chord dead load	10.0
Bottom chord live load	10.0
Bottom chord dead load	10.0
Duration factor	1.25

This is an index sheet submitted in accordance with the Department of Professional Engineering Tallahassee FL Engineering sheets are Photocopies of the original design and approved by me

Truss		Truss		Truss		Truss	
0001	GT1	0002	GT1A	0003	GT1B	0004	GT1C
0005	GT1D	0006	T1	0007	T1A	0008	T1B
0009	T1C	0010	T1G	0011	T1GA	0012	GV8
0013	P1	0014	P1A	0015	V7	0016	V6
0017	T2	0018	V5	0019	T5	0020	GT3
0021	T3	0022	T2B	0023	T2A	0024	MT1
0025	MT3	0026	MT2	0027	M1		

As witness by my seal I hereby certify that the above information is true and correct to the best of my knowledge and belief
Name Stephen W Warty
Lic #54295

Date 12-11-06

Stephen W Warty

SOUTHERN
BUILDING
PRODUCTS, Inc.
95 Bennett Street. Auburndale, Fl. 33823
PHONE # 863-965-7173
FAX # 863-965-7383

FILES

JOB NUMBER	0	**DATE**	December 11, 2006
LAYOUT NUMBER	Charleston		
BUILDER	AMERICA'S HOME PLACE, INC.	**STREET**	0
SUBDIVSION	0	**CITY**	0
LOT	0	**COUNTY**	0
BLOCK	0	**STATE**	Florida
		ZIP	0

YES	**SEAT PLATES**
79	**ROOF TRUSSES**
NA	**FLOOR TRUSSES**
79	**TOTAL TRUSSES**
NA	**I-JOISTS**
NA	**BEAMS**
0	**TOTAL MANUFACTURED PRODUCTS**
NA	**STAIRS (yes or no)**

HANGERS

QTY	TYPE
11	HUS26
4	HGUS26-2
NA	HUS28
NA	HGUS28-2
NA	HHUS46
NA	THJA26
NA	THA422
NA	NA
NA	NA
NA	NA
NA	NA

INITIALS		*DATE VERIFIED*
	TRUSS COUNT VERIFIED	
	HANGERS DELIVERED	
	INSPECTION PACK	

JLC	**DESIGNER**
	DRIVER

NOTES

NA

Southern Building Products
95 Bennett St.
Auburndale Fl., Fl 33823
Phone: 863-965-7173 Fax: 863-965-7383

Project:
Model: CHARLESTON
Block No:
Lot No:

Contact: Site: Office:
Name:
Phone:
Fax:
Tentative Delivery Date:

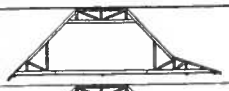
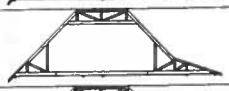
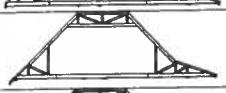
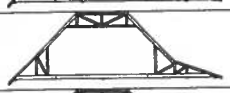
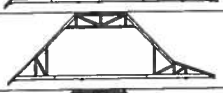
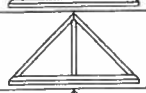
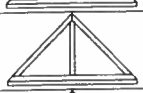
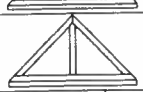
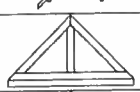
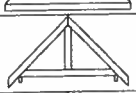
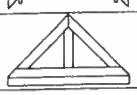
To:
AMERICA'S

Deliver To:

Delivery List

Job Number:
Page: 1
Date: 12-11-2006 - 7:52:00 AM
Project ID: Charle~n

Account No:
Designer: JLC
Salesperson:
Quote Number:

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope:	LOH	ROH		
	2	(1) 2-Ply GT1 281 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	1
	2	(1) 2-Ply GT1A 281 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	2
	2	(1) 2-Ply GT1B 278 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 0 - 0 12.00 0.00	0 - 0 - 0	0 - 0 - 0	Bundle: A	3
	2	(1) 2-Ply GT1C 280 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	0 - 0 - 0	Bundle: A	4
	4	(2) 2-Ply GT1D 281 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	5
	3	T1 271 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	6
	2	T1A 271 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	7
	1	T1B 270 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	0 - 0 - 0	Bundle: A	8
	6	T1C 271 lbs. each	35 - 0 - 0 2X6/2X8	SPECIAL	11 - 11 - 12 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	9
	1	T1G 252 lbs. each	35 - 0 - 0	GABLE	10 - 7 - 1 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	10
	1	T1GA 252 lbs. each	35 - 0 - 0	GABLE	10 - 7 - 1 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	11
	1	GV8 44 lbs. each	9 - 3 - 2	GABLE	4 - 7 - 9 12.00 0.00	0 - 0 - 0	0 - 0 - 0	Bundle: A	12
	18	P1 36 lbs. each	8 - 10 - 6	GABLE	4 - 5 - 3 12.00 0.00	0 - 0 - 0	0 - 0 - 0	Bundle: A	13
	2	P1A 36 lbs. each	8 - 10 - 6	GABLE	4 - 5 - 3 12.00 0.00	0 - 0 - 0	0 - 0 - 0	Bundle: A	14
	1	V7 32 lbs. each	7 - 11 - 2	VALLEY	3 - 11 - 9 12.00 0.00	0 - 0 - 0	0 - 0 - 0	Bundle: A	15
	1	V6 26 lbs. each	6 - 7 - 2	VALLEY	3 - 3 - 9 12.00 0.00	0 - 0 - 0	0 - 0 - 0	Bundle: A	16
	5	T2 30 lbs. each	5 - 7 - 8	MONO TRUSS	7 - 0 - 7 12.00 0.00	1 - 0 - 0	0 - 0 - 0	Bundle: A	17
	1	V5 20 lbs. each	5 - 3 - 2	VALLEY	2 - 7 - 9 12.00 0.00	0 - 0 - 0	0 - 0 - 0	Bundle: A	18
	8	T5 22 lbs. each	4 - 6 - 8	COMMON	3 - 2 - 3 12.00 0.00	0 - 6 - 0	0 - 6 - 0	Bundle: A	19
	1	GT3 15 lbs. each	4 - 0 - 0	GABLE	2 - 0 - 4 12.00 0.00	1 - 0 - 0	1 - 0 - 0	Bundle: A	20

Southern Building Products
95 Bennett St.
Auburndale Fl., Fl 33823
Phone: 863-965-7173 Fax: 863-965-7383

Project:
Model: CHARLESTON
Block No:
Lot No:

Contact: | Site: | Office:
Name:
Phone:
Fax:
Tentative Delivery Date:

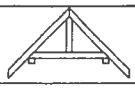
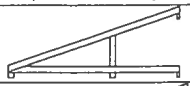
To:
AMERICA'S

Deliver To:

Delivery List

Job Number:
Page: 2
Date: 12-11-2006 - 7:52:00 AM
Project ID: Charle~n

Account No:
Designer: JLC
Salesperson:
Quote Number:

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope:	LOH	ROH		
	2	**T3** 22 lbs. each	**4 - 0 - 0**	COMMON	3 - 4 - 15 **12.00** 0.00	1 - 0 - 0	1 - 0 - 0	**Bundle: A**	**21**
	1	**T2B** 27 lbs. each	**8 - 4 - 8**	MONO TRUSS	3 - 1 - 7 **4.00** 0.00	0 - 0 - 0	0 - 0 - 0	**Bundle: A**	**22**
	4	**T2A** 28 lbs. each	**8 - 2 - 0**	MONO TRUSS	3 - 4 - 6 **4.00** 0.00	1 - 0 - 0	0 - 0 - 0	**Bundle: A**	**23**
	2	**MT1** 47 lbs. each	**4 - 0 - 8** 2X4/2X6	SPECIAL	5 - 4 - 0 **0.00** 0.00	0 - 0 - 0	0 - 0 - 0	**Bundle: A**	**24**
	4	(2) 2-Ply **MT3** 33 lbs. each	**4 - 0 - 8**	SPECIAL	3 - 7 - 3 **0.00** 0.00	0 - 0 - 0	0 - 0 - 0	**Bundle: A**	**25**
	1	**MT2** 42 lbs. each	**3 - 4 - 8** 2X4/2X6	SPECIAL	5 - 4 - 0 **0.00** 0.00	0 - 0 - 0	0 - 0 - 0	**Bundle: A**	**26**
	1	**MT4** 23 lbs. each	**3 - 4 - 8**	SPECIAL	3 - 1 - 7 **0.00** 0.00	0 - 0 - 0	0 - 0 - 0	**Bundle: A**	**27**

27 Total Number of Truss Designs
79 Total Number of Trusses

Above listed items have been received in good condition. (exceptions listed to right).

Received by:_____
Date:_____
Delivered by:_____
Date:_____
Thank You For Your Business.

Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	GT1	SPECIAL	1	2	Job Reference (optional)

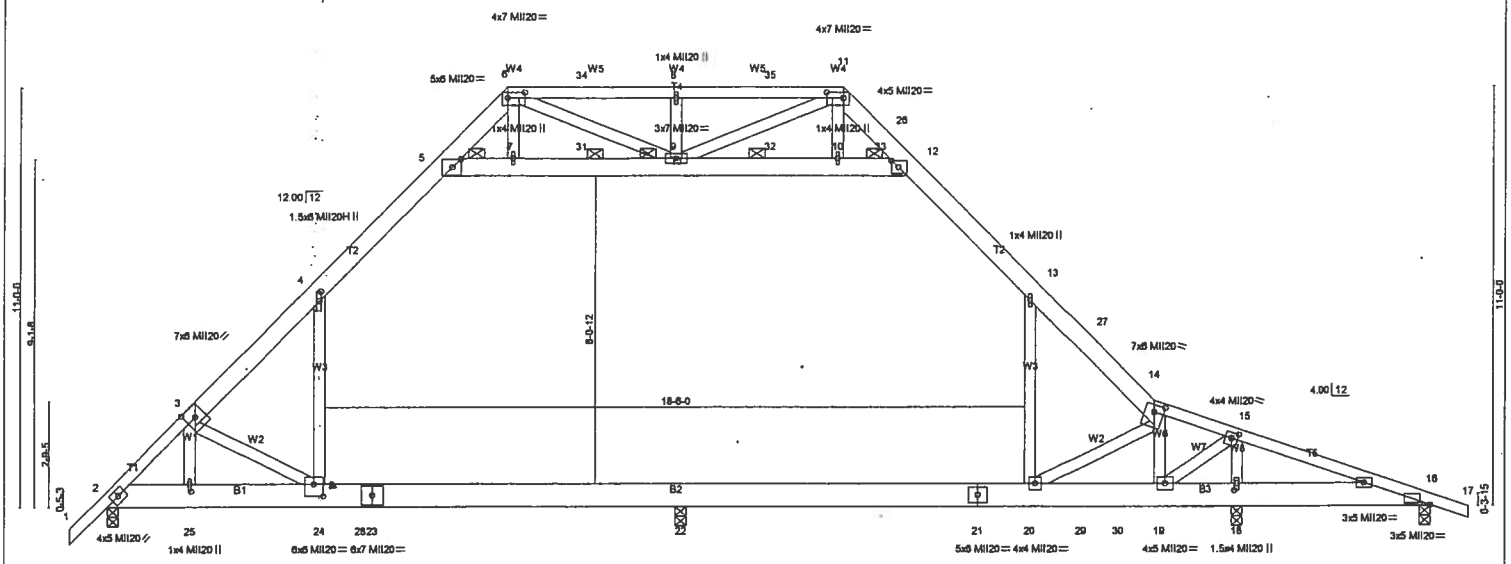
0001 - 1

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:41 2006 Page 1

1-0-0 2-4-2 | 10-6-13 | 19-5-3 | 27-7-14 | 35-0-0 | 36-0-0

1-0-0 2-4-2 | 8-2-11 | 8-10-6 | 8-2-11 | 7-4-2 | 1-0-0

Scale = 1:80.0



2-0-0 | 5-9-0 | 8-10-9 | 15-0-0 | 15-1-12 | 24-3-0 | 27-7-14 | 29-10-4 | 35-0-0

2-0-0 | 3-9-0 | 3-1-9 | 6-1-7 | 0-1-12 | 9-1-4 | 3-4-14 | 2-2-6 | 5-1-12

Plate Offsets (X,Y): [3:0-3-0,0-3-4], [4:0-3-0,0-0-8], [5:0-2-12,0-2-8], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-2-4,0-2-0], [14:0-3-0,0-2-4], [15:0-2-0,0-1-12], [16:0-3-4,0-0-8], [18:0-2-4,0-0-12], [24:0-3-0,0-3-12], [25:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.98	Vert(LL)	-0.33	22-24	>550	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.89	Vert(TL)	-0.51	22-24	>354	240	MII20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.64	Horz(TL)	0.03	18	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 564 lb	

LUMBER

TOP CHORD 2 X 6 SYP M 14 *Except* T5 2 X 4 SYP M 14, T4 2 X 4 SYP M 14, T1 2 X 4 SYP M 14

BOT CHORD 2 X 8 SYP No.2 *Except* B2 2 X 8 SYP DSS

WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins. Except: 1 Row at midpt 5-9, 9-12

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 18-19,16-18.

JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 2=3827/0-3-8, 18=4588/0-3-8, 16=-242/0-3-8, 22=2829/0-3-8
Max Horz 2=-631(load case 3)
Max Uplift2=-792(load case 5), 18=-1449(load case 3), 16=-352(load case 10), 22=-130(load case 5)
Max Grav 2=3827(load case 1), 18=4588(load case 1), 16=534(load case 3), 22=2829(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-5236/1072, 3-4=-4374/887, 4-5=-2557/645, 5-6=-235/450, 11-26=-1648/851, 12-26=-1715/834, 12-13=-3400/856, 13-27=-3686/855, 14-27=-3832/836, 14-15=-1908/764, 15-16=-1773/1743, 16-17=0/26, 5-7=-3193/971, 7-31=-3250/992, 9-31=-3250/992, 9-32=-1612/676, 10-32=-1612/676, 10-33=-1584/661, 12-33=-1584/661, 6-34=-693/455, 8-34=-690/456, 8-35=-690/456, 11-35=-693/455

BOT CHORD 2-25=-786/3790, 24-25=-770/3747, 24-28=-395/2600, 23-28=-395/2600, 22-23=-395/2600, 21-22=-395/2600, 20-21=-395/2600, 20-29=-570/1978, 29-30=-570/1978, 19-30=-570/1978, 18-19=-1617/1733, 16-18=-1617/1733

WEBS 14-19=-2760/721, 15-19=-1232/3987, 15-18=-3669/1270, 6-7=-736/305, 10-11=-356/200, 8-9=-260/235, 6-9=-577/1364, 9-11=-414/284, 4-24=-455/2392, 13-20=-66/660, 14-20=-794/881, 3-25=-238/664, 3-24=-1394/496

NOTES

1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 11-10 2 X 4 - 1 row at 0-3-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
5) 200.0lb AC unit load placed on the top chord, 15-0-0 from left end, supported at two points, 5-0-0 apart.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
9) All plates are MT20 plates unless otherwise indicated.
10) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 792 lb uplift at joint 2, 1449 lb uplift at joint 18, 352 lb uplift at joint 16 and 130 lb uplift at joint 22.
12) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
13) Girder carries tie-in span(s): 4-6-0 from 6-8-4 to 25-8-8; 4-6-0 from 20-5-0 to 25-8-8
14) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down at 12-6-0, and 100 lb down at 17-6-0 and 1630 lb down and 404 lb up at 19-5-3 on top chord, and 1930 lb down and 478 lb up at 5-8-4, and 160 lb down and 40 lb up at 26-8-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard, Except:

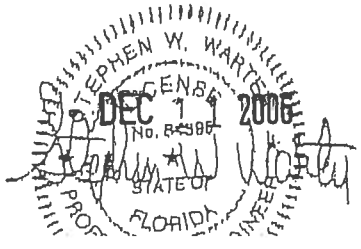
STEPHEN W. WARTE — No. 48986 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

DEC 11 2006

Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	GT1	SPECIAL	1	2	Job Reference (optional)

LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-60, 5-6=-60, 11-26=-60, 12-26=-115(F=-55), 12-27=-115(F=-55), 14-27=-60, 14-17=-60, 2-24=-40, 24-28=-140(F=-100), 20-28=-195(F=-155), 20-29=-115(F=-75), 16-29=-60(F=-20), 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-1630(F) 24=-1930(F) 30=-160(F) 31=-100 32=-100
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-20, 5-6=-20, 11-26=-20, 12-26=-53(F=-33), 12-27=-53(F=-33), 14-27=-20, 14-17=-20, 2-24=-40, 24-28=-60(F=-20), 20-28=-93(F=-53), 20-29=-73(F=-33), 16-29=-40, 12-33=-33(F), 6-11=-20
   Concentrated Loads (lb)
   Vert: 11=-543(F) 24=-643(F) 30=-53(F) 31=-100 32=-100
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-26=27, 12-26=51(F=25), 12-27=51(F=25), 14-27=27, 14-16=34, 16-17=25, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=55
   Horz: 1-2=-21, 2-5=5, 5-6=5, 11-26=37, 12-26=72(F=36), 12-27=72(F=36), 14-27=37, 14-16=44, 16-17=35, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
   Vert: 11=404(F) 24=478(F) 30=40(F) 31=-100 32=-100
4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=17, 2-5=27, 5-6=27, 11-26=-15, 12-26=10(F=25), 12-27=10(F=25), 14-27=-15, 14-16=55, 16-17=80, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=55
   Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-26=-5, 12-26=31(F=36), 12-27=31(F=36), 14-27=-5, 14-16=65, 16-17=90, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
   Vert: 11=404(F) 24=478(F) 30=40(F) 31=-100 32=-100
5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=67, 2-5=45, 5-6=45, 11-26=28, 12-26=53(F=25), 12-27=53(F=25), 14-27=28, 14-16=28, 16-17=20, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=28
   Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-26=38, 12-26=74(F=36), 12-27=74(F=36), 14-27=38, 14-16=38, 16-17=30, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
   Vert: 11=316(F) 24=374(F) 30=31(F) 31=-100 32=-100
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=20, 2-5=28, 5-6=28, 11-26=45, 12-26=69(F=25), 12-27=69(F=25), 14-27=45, 14-16=45, 16-17=67, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=28
   Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-26=55, 12-26=91(F=36), 12-27=91(F=36), 14-27=55, 14-16=55, 16-17=77, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
   Vert: 11=316(F) 24=374(F) 30=31(F) 31=-100 32=-100
7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=43, 2-5=21, 5-6=21, 11-26=14, 12-26=39(F=25), 12-27=39(F=25), 14-27=14, 14-16=14, 16-17=6, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=14
   Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-26=24, 12-26=60(F=36), 12-27=60(F=36), 14-27=24, 14-16=24, 16-17=16, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
   Vert: 11=101(F) 24=120(F) 30=10(F) 31=-100 32=-100
8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=6, 2-5=14, 5-6=14, 11-26=21, 12-26=46(F=25), 12-27=46(F=25), 14-27=21, 14-16=21, 16-17=43, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=14
   Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-26=31, 12-26=67(F=36), 12-27=67(F=36), 14-27=31, 14-16=31, 16-17=53, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
   Vert: 11=101(F) 24=120(F) 30=10(F) 31=-100 32=-100
9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-60, 5-6=-60, 11-26=-20, 12-26=-75(F=-55), 12-27=-75(F=-55), 14-27=-20, 14-17=-20, 2-24=-40, 24-28=-60(F=-20), 20-28=-115(F=-75), 20-29=-95(F=-55), 16-29=-40, 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-906(F) 24=-1072(F) 30=-89(F) 31=-100 32=-100
10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-20, 5-6=-20, 11-26=-60, 12-26=-115(F=-55), 12-27=-115(F=-55), 14-27=-60, 14-17=-60, 2-24=-40, 24-28=-60(F=-20), 20-28=-115(F=-75), 20-29=-95(F=-55), 16-29=-40, 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-906(F) 24=-1072(F) 30=-89(F) 31=-100 32=-100



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	GT1A	SPECIAL	1	2	Job Reference (optional)

0002 - 1

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:43 2006 Page 1

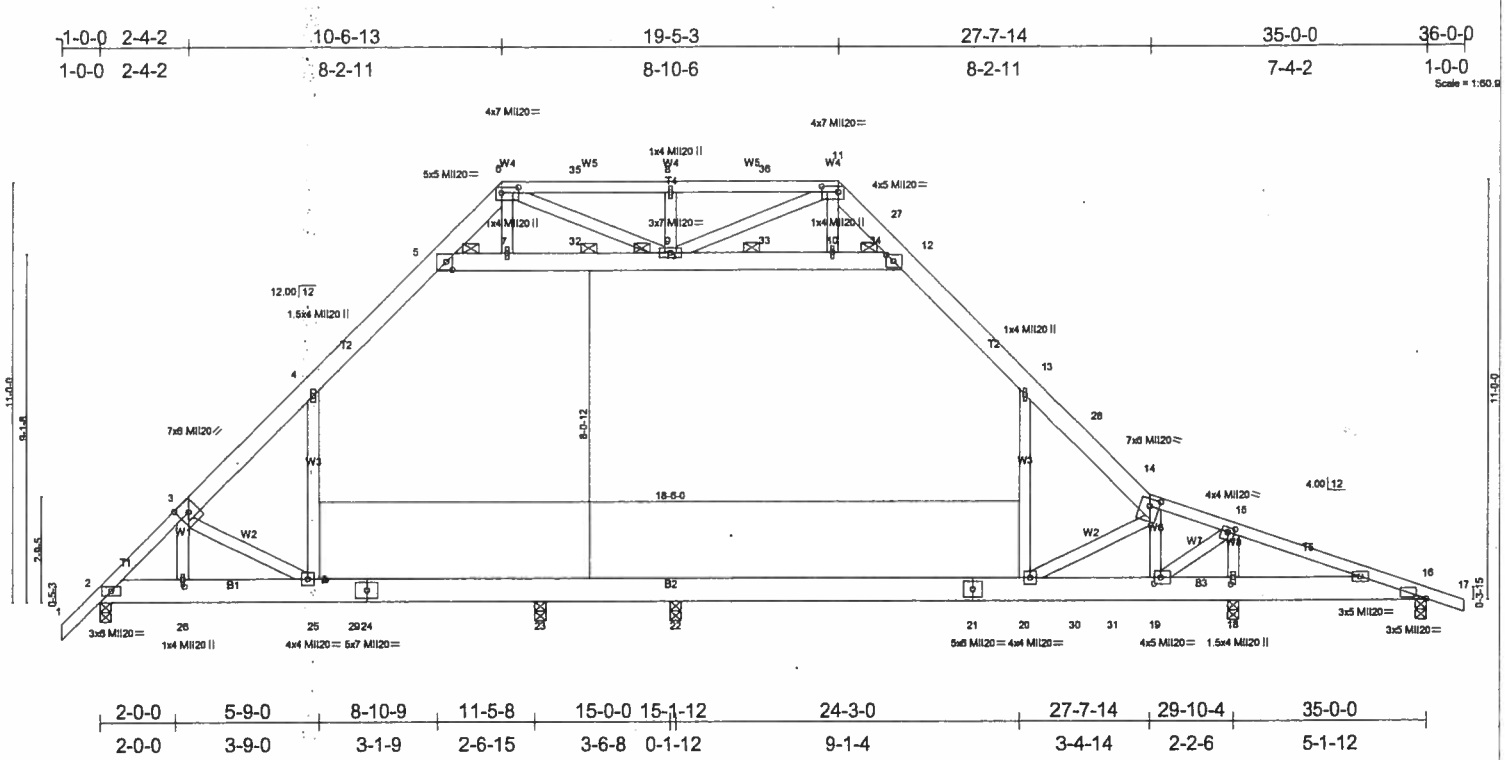


Plate Offsets (X,Y): [3:0-3-0,0-3-4], [5:0-2-0,0-2-8], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-2-4,0-2-0], [14:0-3-0,0-2-4], [15:0-2-0,0-1-8], [16:0-3-4,0-0-8], [18:0-2-4,0-0-12], [19:0-2-0,0-2-0], [26:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.82	Vert(LL)	-0.17	25	>803	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.88	Vert(TL)	-0.26	23-25	>523	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.75	Horz(TL)	0.02	18	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 564 lb	

LUMBER
TOP CHORD 2 X 6 SYP M 14 *Except*
T5 2 X 4 SYP M 14, T4 2 X 4 SYP M 14, T1 2 X 4 SYP M 14
BOT CHORD 2 X 8 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:
1 Row at midpt 5-9, 9-12
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 18-19,16-18.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 2=3379/0-3-8, 18=5543/0-3-8, 16=-959/0-3-8, 22=1167/0-3-8, 23=1873/0-3-8
Max Horz 2=-631(load case 3)
Max Uplift2=-721(load case 5), 18=-1364(load case 6), 16=-959(load case 1), 22=-163(load case 3), 23=-382(load case 4)
Max Grav 2=3379(load case 1), 18=5543(load case 1), 16=462(load case 3), 22=1167(load case 1), 23=1873(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-4657/953, 3-4=-3731/966, 4-5=-2354/615, 5-6=-230/209, 11-27=-2044/803, 12-27=-2110/786, 12-13=-3151/803, 13-28=-3199/746, 14-28=-3345/732, 14-15=-524/471, 15-16=-1561/3567, 16-17=0/26, 5-7=-2666/927, 7-32=-2715/950, 9-32=-2715/950, 9-33=-908/564, 10-33=-908/564, 10-34=-899/552, 12-34=-899/552, 6-35=-865/423, 8-35=-863/424, 8-36=-863/424, 11-36=-865/424
BOT CHORD 2-26=-693/3342, 25-26=-676/3289, 25-29=-328/2281, 24-29=-328/2281, 23-24=-328/2281, 22-23=-328/2281, 21-22=-328/2281, 20-21=-328/2281, 20-30=-296/593, 30-31=-296/593, 19-31=-296/593, 18-19=-3354/1531, 16-18=-3354/1531
WEBS 14-19=-3517/687, 15-19=-1161/4700, 15-18=-4352/1201, 6-7=-626/303, 10-11=-113/150, 8-9=-242/231, 6-9=-573/1407, 9-11=-554/268, 4-25=-532/1765, 13-20=-224/616, 14-20=-670/2047, 3-26=-269/793, 3-25=-1224/470

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 11-10 2 X 4 - 1 row at 0-3-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
5) 200.0lb AC unit load placed on the top chord, 15-0-0 from left end, supported at two points, 5-0-0 apart.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
9) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 721 lb uplift at joint 2, 1364 lb uplift at joint 18, 959 lb uplift at joint 16, 163 lb uplift at joint 22 and 382 lb uplift at joint 23.
11) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
12) Girder carries tie-in span(s): 4-6-0 from 6-8-4 to 25-8-8; 4-6-0 from 20-5-0 to 25-8-8
13) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down at 12-6-0, and 100 lb down at 17-6-0, and 1630 lb down and 404 lb up at 19-5-3 on top chord, and 1930 lb down and 478 lb up at 5-8-4, and 160 lb down and 40 lb up at 26-8-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

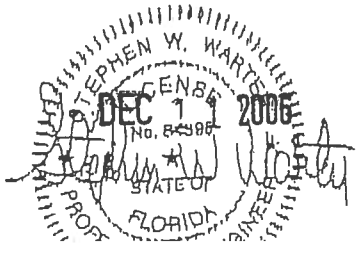
LOAD CASE(S) Standard Except:

Continued on page 2

STEPHEN W. WARTENBERG No. 54986 STATE OF FLORIDA DEC 11 2006

LOAD CASE(S) Standard Except

1) Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-5=-60, 5-6=-60, 11-27=-60, 12-27=-115(F=-55), 12-28=-115(F=-55), 14-28=-60, 14-17=-60, 2-25=-40, 25-29=-140(F=-100), 20-29=-195(F=-155), 20-30=-115(F=-75), 16-30=-60(F=-20), 12-34=-55(F), 6-11=-60
   Concentrated Loads (lb)
      Vert: 11=-1630(F) 25=-1930(F) 31=-160(F) 32=-100 33=-100
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-5=-20, 5-6=-20, 11-27=-20, 12-27=-53(F=-33), 12-28=-53(F=-33), 14-28=-20, 14-17=-20, 2-25=-40, 25-29=-60(F=-20), 20-29=-93(F=-53), 20-30=-73(F=-33), 16-30=-40, 12-34=-33(F), 6-11=-20
   Concentrated Loads (lb)
      Vert: 11=-543(F) 25=-643(F) 31=-53(F) 32=-100 33=-100
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-27=27, 12-27=51(F=25), 12-28=51(F=25), 14-28=27, 14-16=34, 16-17=25, 2-25=-10, 25-29=-30(F=-20), 20-29=-5(F=5), 20-30=15(F=25), 16-30=-10, 12-34=25(F), 6-11=55
      Horz: 1-2=-21, 2-5=5, 5-6=5, 11-27=37, 12-27=72(F=36), 12-28=72(F=36), 14-28=37, 14-16=44, 16-17=35, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
      Vert: 11=404(F) 25=478(F) 31=40(F) 32=-100 33=-100
4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-2=17, 2-5=27, 5-6=27, 11-27=-15, 12-27=10(F=25), 12-28=10(F=25), 14-28=-15, 14-16=55, 16-17=80, 2-25=-10, 25-29=-30(F=-20), 20-29=-5(F=5), 20-30=15(F=25), 16-30=-10, 12-34=25(F), 6-11=55
      Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-27=-5, 12-27=31(F=36), 12-28=31(F=36), 14-28=-5, 14-16=65, 16-17=90, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
      Vert: 11=404(F) 25=478(F) 31=40(F) 32=-100 33=-100
5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-2=67, 2-5=45, 5-6=45, 11-27=28, 12-27=53(F=25), 12-28=53(F=25), 14-28=28, 14-16=28, 16-17=20, 2-25=-10, 25-29=-30(F=-20), 20-29=-5(F=5), 20-30=15(F=25), 16-30=-10, 12-34=25(F), 6-11=28
      Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-27=38, 12-27=74(F=36), 12-28=74(F=36), 14-28=38, 14-16=38, 16-17=30, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
      Vert: 11=316(F) 25=374(F) 31=31(F) 32=-100 33=-100
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-2=20, 2-5=28, 5-6=28, 11-27=45, 12-27=69(F=25), 12-28=69(F=25), 14-28=45, 14-16=45, 16-17=67, 2-25=-10, 25-29=-30(F=-20), 20-29=-5(F=5), 20-30=15(F=25), 16-30=-10, 12-34=25(F), 6-11=28
      Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-27=55, 12-27=91(F=36), 12-28=91(F=36), 14-28=55, 14-16=55, 16-17=77, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
      Vert: 11=316(F) 25=374(F) 31=31(F) 32=-100 33=-100
7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-2=43, 2-5=21, 5-6=21, 11-27=14, 12-27=39(F=25), 12-28=39(F=25), 14-28=14, 14-16=14, 16-17=6, 2-25=-10, 25-29=-30(F=-20), 20-29=-5(F=5), 20-30=15(F=25), 16-30=-10, 12-34=25(F), 6-11=14
      Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-27=24, 12-27=60(F=36), 12-28=60(F=36), 14-28=24, 14-16=24, 16-17=16, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
      Vert: 11=101(F) 25=120(F) 31=10(F) 32=-100 33=-100
8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-2=6, 2-5=14, 5-6=14, 11-27=21, 12-27=46(F=25), 12-28=46(F=25), 14-28=21, 14-16=21, 16-17=43, 2-25=-10, 25-29=-30(F=-20), 20-29=-5(F=5), 20-30=15(F=25), 16-30=-10, 12-34=25(F), 6-11=14
      Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-27=31, 12-27=67(F=36), 12-28=67(F=36), 14-28=31, 14-16=31, 16-17=53, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
      Vert: 11=101(F) 25=120(F) 31=10(F) 32=-100 33=-100
9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-5=-60, 5-6=-60, 11-27=-20, 12-27=-75(F=-55), 12-28=-75(F=-55), 14-28=-20, 14-17=-20, 2-25=-40, 25-29=-60(F=-20), 20-29=-115(F=-75), 20-30=-95(F=-55), 16-30=-40, 12-34=-55(F), 6-11=-60
   Concentrated Loads (lb)
      Vert: 11=-906(F) 25=-1072(F) 31=-89(F) 32=-100 33=-100
10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-5=-20, 5-6=-20, 11-27=-60, 12-27=-115(F=-55), 12-28=-115(F=-55), 14-28=-60, 14-17=-60, 2-25=-40, 25-29=-60(F=-20), 20-29=-115(F=-75), 20-30=-95(F=-55), 16-30=-40, 12-34=-55(F), 6-11=-60
   Concentrated Loads (lb)
      Vert: 11=-906(F) 25=-1072(F) 31=-89(F) 32=-100 33=-100



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	GT1B	SPECIAL	1	2	Job Reference (optional)

0003 - 1

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:44 2006 Page 1

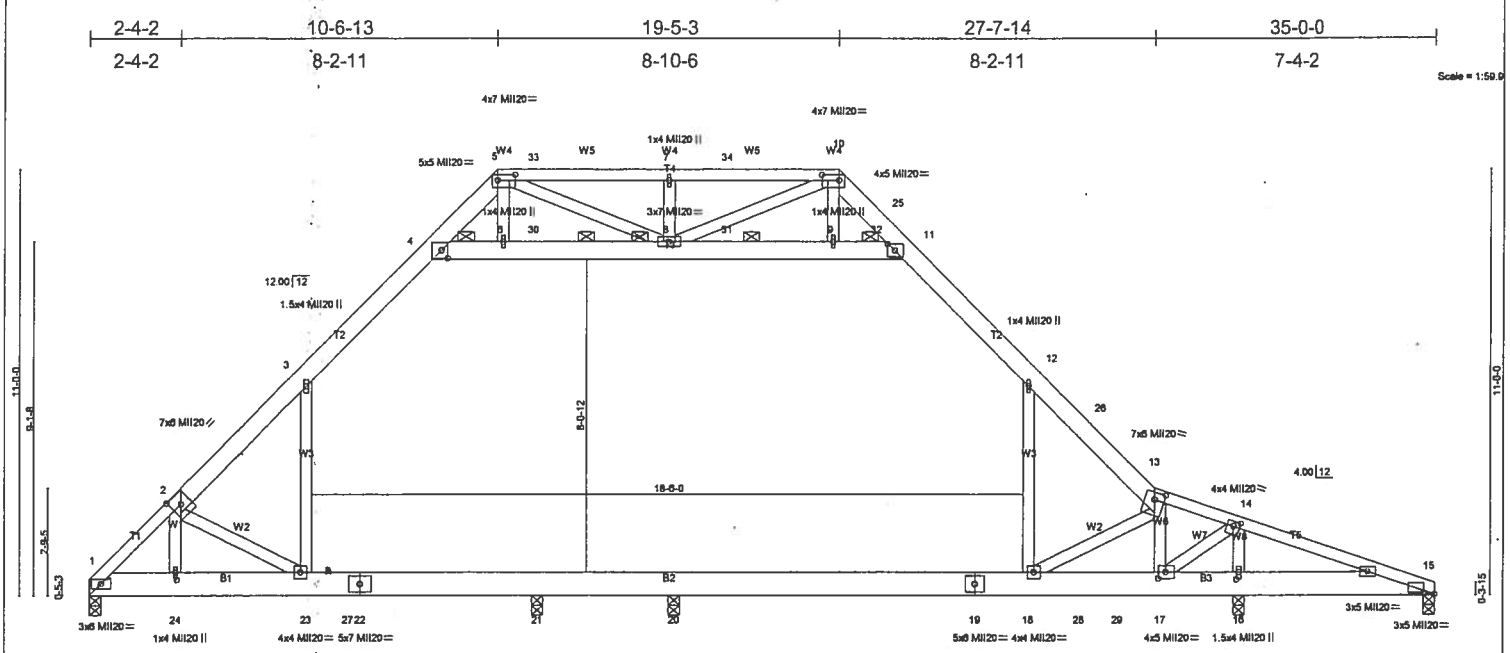


Plate Offsets (X,Y): [2:0-3-0,0-3-4], [4:0-2-0,0-2-8], [5:0-5-4,0-1-12], [10:0-5-4,0-1-12], [11:0-2-4,0-2-0], [13:0-3-0,0-2-4], [14:0-2-0,0-1-8], [15:0-3-4,0-0-8], [16:0-2-4,0-0-12], [17:0-2-4,0-2-0], [24:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.82	Vert(LL)	-0.17	23	>801	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.90	Vert(TL)	-0.27	21-23	>515	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.75	Horz(TL)	0.02	16	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 556 lb	

LUMBER
TOP CHORD 2 X 6 SYP M 14 *Except*
T5 2 X 4 SYP M 14, T4 2 X 4 SYP M 14, T1 2 X 4 SYP M 14
BOT CHORD 2 X 8 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:
1 Row at midpt 4-8, 8-11
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 16-17,15-16.
JOINTS 1 Brace at Jt(s): 8

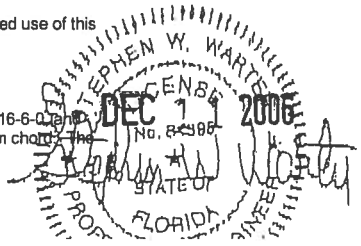
REACTIONS (lb/size) 15=-1023/0-3-8, 1=3312/0-3-8, 16=5529/0-3-8, 20=1154/0-3-8, 21=1894/0-3-8
Max Horz 1=-638(load case 3)
Max Uplift15=-1023(load case 1), 1=-633(load case 4), 16=-1400(load case 6), 20=-171(load case 3), 21=-374(load case 4)
Max Grav 15=508(load case 3), 1=3312(load case 1), 16=5529(load case 1), 20=1154(load case 1), 21=1894(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4692/958, 2-3=-3735/967, 3-4=-2365/605, 4-5=-248/192, 10-25=-2003/841, 11-25=-2070/824, 11-12=-3145/810, 12-26=-3207/740, 13-26=-3353/725, 13-14=-546/444, 14-15=-1597/3521, 4-6=-2654/941, 6-30=-2701/966, 8-30=-2701/966, 8-31=-946/536, 9-31=-946/536, 9-32=-934/527, 11-32=-934/527, 5-33=-858/429, 7-33=-855/430, 7-34=-854/430, 10-34=-858/430
BOT CHORD 1-24=-740/3367, 23-24=-722/3312, 23-27=-368/2284, 22-27=-368/2284, 21-22=-368/2284, 20-21=-368/2284, 19-20=-368/2284, 18-19=-368/2284, 18-28=-313/613, 28-29=-313/613, 17-29=-313/613, 16-17=-3309/1550, 15-16=-3309/1550
WEBS 13-17=-3509/700, 14-17=-1177/4670, 14-16=-4325/1218, 5-6=-607/323, 9-10=-151/116, 7-8=-242/231, 5-8=-599/1380, 8-10=-525/297, 3-23=-546/1755, 12-18=-205/635, 13-18=-694/2027, 2-24=-274/829, 2-23=-1248/507

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 10-9 2 X 4 - 1 row at 0-3-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
5) 200.0lb AC unit load placed on the top chord, 14-0-0 from left end, supported at two points, 5-0-0 apart.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
9) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1023 lb uplift at joint 15, 633 lb uplift at joint 1, 1400 lb uplift at joint 16, 171 lb uplift at joint 20 and 374 lb uplift at joint 21.
11) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
12) Girder carries tie-in span(s): 4-6-0 from 6-8-4 to 25-8-8; 4-6-0 from 20-5-0 to 25-8-8
13) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
14) Uplift for first LC exceeds limits
15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down at 11-6-0, and 100 lb down at 16-6-0 and 1630 lb down and 404 lb up at 19-5-3 on top chord, and 1930 lb down and 478 lb up at 5-8-4, and 160 lb down and 40 lb up at 26-8-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

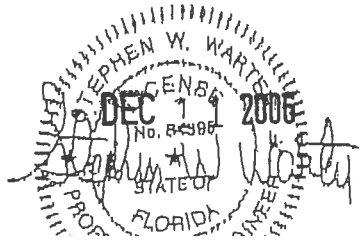
LOAD CASE(S) Standard Except:

Continued on page 2



LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=-60, 4-5=-60, 10-25=-60, 11-25=-115(F=-55), 11-26=-115(F=-55), 13-26=-60, 13-15=-60, 1-23=-40, 23-27=-140(F=-100), 18-27=-195(F=-155), 18-28=-115(F=-75), 15-28=-60(F=-20), 11-32=-55(F), 5-10=-60
   Concentrated Loads (lb)
      Vert: 10=-1630(F) 23=-1930(F) 29=-160(F) 30=-100 31=-100
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-4=-20, 4-5=-20, 10-25=-20, 11-25=-53(F=-33), 11-26=-53(F=-33), 13-26=-20, 13-15=-20, 1-23=-40, 23-27=-60(F=-20), 18-27=-93(F=-53), 18-28=-73(F=-33), 15-28=-40, 11-32=-33(F), 5-10=-20
   Concentrated Loads (lb)
      Vert: 10=-543(F) 23=-643(F) 29=-53(F) 30=-100 31=-100
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=-15, 4-5=-15, 10-25=27, 11-25=51(F=25), 11-26=51(F=25), 13-26=27, 13-15=34, 1-23=-10, 23-27=-30(F=-20), 18-27=-5(F=5), 18-28=15(F=25), 15-28=-10, 11-32=25(F), 5-10=55
      Horz: 1-4=5, 4-5=5, 10-25=37, 11-25=72(F=36), 11-26=72(F=36), 13-26=37, 13-15=44, 5-7=-65, 7-10=65
   Concentrated Loads (lb)
      Vert: 10=404(F) 23=478(F) 29=40(F) 30=-100 31=-100
4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=27, 4-5=27, 10-25=-15, 11-25=10(F=25), 11-26=10(F=25), 13-26=-15, 13-15=55, 1-23=-10, 23-27=-30(F=-20), 18-27=-5(F=5), 18-28=15(F=25), 15-28=-10, 11-32=25(F), 5-10=55
      Horz: 1-4=-37, 4-5=-37, 10-25=-5, 11-25=31(F=36), 11-26=31(F=36), 13-26=-5, 13-15=65, 5-7=-65, 7-10=65
   Concentrated Loads (lb)
      Vert: 10=404(F) 23=478(F) 29=40(F) 30=-100 31=-100
5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=45, 4-5=45, 10-25=28, 11-25=53(F=25), 11-26=53(F=25), 13-26=28, 13-15=28, 1-23=-10, 23-27=-30(F=-20), 18-27=-5(F=5), 18-28=15(F=25), 15-28=-10, 11-32=25(F), 5-10=28
      Horz: 1-4=-55, 4-5=-55, 10-25=38, 11-25=74(F=36), 11-26=74(F=36), 13-26=38, 13-15=38, 5-7=-38, 7-10=38
   Concentrated Loads (lb)
      Vert: 10=316(F) 23=374(F) 29=31(F) 30=-100 31=-100
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=28, 4-5=28, 10-25=45, 11-25=69(F=25), 11-26=69(F=25), 13-26=45, 13-15=45, 1-23=-10, 23-27=-30(F=-20), 18-27=-5(F=5), 18-28=15(F=25), 15-28=-10, 11-32=25(F), 5-10=28
      Horz: 1-4=-38, 4-5=-38, 10-25=55, 11-25=91(F=36), 11-26=91(F=36), 13-26=55, 13-15=55, 5-7=-38, 7-10=38
   Concentrated Loads (lb)
      Vert: 10=316(F) 23=374(F) 29=31(F) 30=-100 31=-100
7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=21, 4-5=21, 10-25=14, 11-25=39(F=25), 11-26=39(F=25), 13-26=14, 13-15=14, 1-23=-10, 23-27=-30(F=-20), 18-27=-5(F=5), 18-28=15(F=25), 15-28=-10, 11-32=25(F), 5-10=14
      Horz: 1-4=-31, 4-5=-31, 10-25=24, 11-25=60(F=36), 11-26=60(F=36), 13-26=24, 13-15=24, 5-7=-24, 7-10=24
   Concentrated Loads (lb)
      Vert: 10=101(F) 23=120(F) 29=10(F) 30=-100 31=-100
8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=14, 4-5=14, 10-25=21, 11-25=46(F=25), 11-26=46(F=25), 13-26=21, 13-15=21, 1-23=-10, 23-27=-30(F=-20), 18-27=-5(F=5), 18-28=15(F=25), 15-28=-10, 11-32=25(F), 5-10=14
      Horz: 1-4=-24, 4-5=-24, 10-25=31, 11-25=67(F=36), 11-26=67(F=36), 13-26=31, 13-15=31, 5-7=-24, 7-10=24
   Concentrated Loads (lb)
      Vert: 10=101(F) 23=120(F) 29=10(F) 30=-100 31=-100
9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=-60, 4-5=-60, 10-25=-20, 11-25=-75(F=-55), 11-26=-75(F=-55), 13-26=-20, 13-15=-20, 1-23=-40, 23-27=-60(F=-20), 18-27=-115(F=-75), 18-28=-95(F=-55), 15-28=-40, 11-32=-55(F), 5-10=-60
   Concentrated Loads (lb)
      Vert: 10=-906(F) 23=-1072(F) 29=-89(F) 30=-100 31=-100
10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-4=-20, 4-5=-20, 10-25=-60, 11-25=-115(F=-55), 11-26=-115(F=-55), 13-26=-60, 13-15=-60, 1-23=-40, 23-27=-60(F=-20), 18-27=-115(F=-75), 18-28=-95(F=-55), 15-28=-40, 11-32=-55(F), 5-10=-60
   Concentrated Loads (lb)
      Vert: 10=-906(F) 23=-1072(F) 29=-89(F) 30=-100 31=-100



DEC 11 2006

Job	Truss	Truss Type	Qty	Ply	0 0	0004 - 1
CHARLESTON	GT1C	SPECIAL	1	2	Job Reference (optional)	

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:45 2006 Page 1

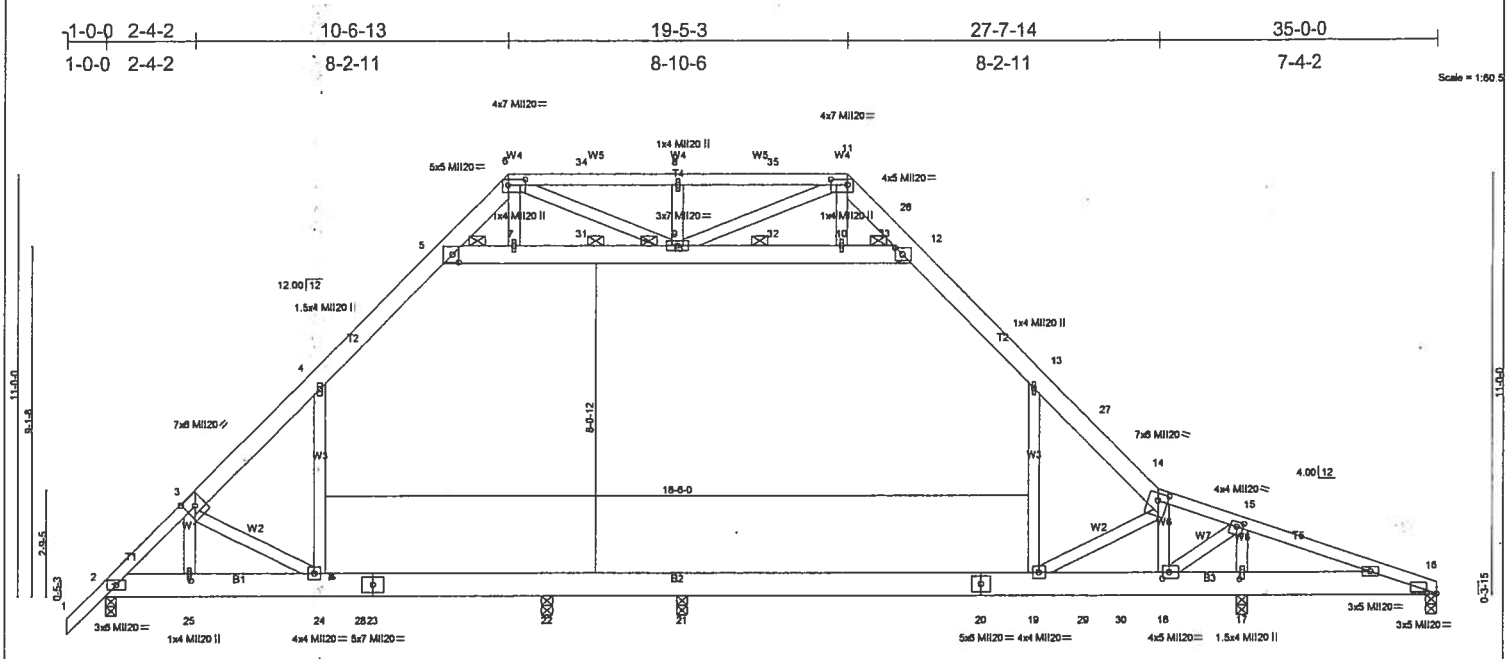


Plate Offsets (X,Y): [3:0-3-0,0-3-4], [5:0-2-0,0-2-8], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-2-4,0-2-0], [14:0-3-0,0-2-4], [15:0-2-0,0-1-8], [16:0-3-4,0-0-8], [17:0-2-4,0-0-12], [18:0-2-0,0-2-0], [25:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.82	Vert(LL)	-0.17	24	>803	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.88	Vert(TL)	-0.26	22-24	>523	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.75	Horz(TL)	0.02	17	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 561 lb	

LUMBER
TOP CHORD 2 X 6 SYP M 14 *Except*
T5 2 X 4 SYP M 14, T4 2 X 4 SYP M 14, T1 2 X 4 SYP M 14
BOT CHORD 2 X 8 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:
1 Row at midpt 5-9, 9-12
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 17-18,16-17.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 16=-1037/0-3-8, 2=3379/0-3-8, 17=5552/0-3-8, 21=1166/0-3-8, 22=1874/0-3-8
Max Horz 2=-615(load case 3)
Max Uplift16=-1037(load case 1), 2=-721(load case 5), 17=-1378(load case 6), 21=-163(load case 3), 22=-385(load case 4)
Max Grav16=495(load case 3), 2=3379(load case 1), 17=5552(load case 1), 21=1166(load case 1), 22=1874(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-4657/951, 3-4=-3731/965, 4-5=-2354/615, 5-6=-228/209, 11-26=-2044/803, 12-26=-2110/787, 12-13=-3151/802, 13-27=-3198/744, 14-27=-3344/730, 14-15=-528/462, 15-16=-1561/3562, 5-7=-2666/925, 7-31=-2714/948, 9-31=-2714/948, 9-32=-908/563, 10-32=-908/563, 10-33=-899/551, 12-33=-899/551, 6-34=-865/424, 8-34=-863/424, 8-35=-863/424, 11-35=-865/424
BOT CHORD 2-25=-734/3341, 24-25=-716/3289, 24-28=-368/2281, 23-28=-368/2281, 22-23=-368/2281, 21-22=-368/2281, 20-21=-368/2281, 19-20=-368/2281, 19-29=-329/590, 29-30=-329/590, 18-30=-329/590, 17-18=-3349/1516, 16-17=-3349/1516
WEBS 14-18=-3518/690, 15-18=-1157/4690, 15-17=-4345/1199, 6-7=-626/303, 10-11=-113/150, 8-9=-242/231, 6-9=-572/1406, 9-11=-554/268, 4-24=-531/1764, 13-19=-224/617, 14-19=-674/2050, 3-25=-269/793, 3-24=-1224/470

NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 11-10 2 X 4 - 1 row at 0-3-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
5) 200.0lb AC unit load placed on the top chord, 15-0-0 from left end, supported at two points, 5-0-0 apart.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
9) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1037 lb uplift at joint 16, 721 lb uplift at joint 2, 1378 lb uplift at joint 17, 163 lb uplift at joint 21 and 385 lb uplift at joint 22.
11) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
12) Girder carries tie-in span(s): 4-6-0 from 6-8-4 to 25-8-8; 4-6-0 from 20-5-0 to 25-8-8
13) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
14) Uplift for first LC exceeds limits
15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down at 12-6-0, and 100 lb down at 17-6-0, and 1630 lb down and 404 lb up at 19-5-3 on top chord, and 1930 lb down and 478 lb up at 5-8-4, and 160 lb down and 40 lb up at 26-8-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

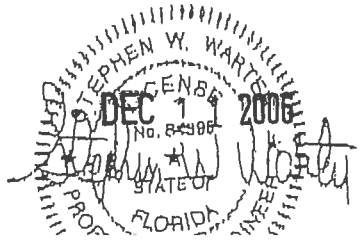
LOAD CASE(S) Standard Except:

STEPHEN W. WARTE — No. 8396 — STATE OF FLORIDA — DEC 11 2006

Continued on page 2

LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-60, 5-6=-60, 11-26=-60, 12-26=-115(F=-55), 12-27=-115(F=-55), 14-27=-60, 14-16=-60, 2-24=-40, 24-28=-140(F=-100), 19-28=-195(F=-155), 19-29=-115(F=-75), 16-29=-60(F=-20), 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-1630(F) 24=-1930(F) 30=-160(F) 31=-100 32=-100
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-20, 5-6=-20, 11-26=-20, 12-26=-53(F=-33), 12-27=-53(F=-33), 14-27=-20, 14-16=-20, 2-24=-40, 24-28=-60(F=-20), 19-28=-93(F=-53), 19-29=-73(F=-33), 16-29=-40, 12-33=-33(F), 6-11=-20
   Concentrated Loads (lb)
   Vert: 11=-543(F) 24=-643(F) 30=-53(F) 31=-100 32=-100
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-26=27, 12-26=51(F=25), 12-27=51(F=25), 14-27=27, 14-16=34, 2-24=-10, 24-28=-30(F=-20), 19-28=-5(F=5), 19-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=55
   Horz: 1-2=-21, 2-5=5, 5-6=5, 11-26=37, 12-26=72(F=36), 12-27=72(F=36), 14-27=37, 14-16=44, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
   Vert: 11=404(F) 24=478(F) 30=40(F) 31=-100 32=-100
4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=17, 2-5=27, 5-6=27, 11-26=-15, 12-26=10(F=25), 12-27=10(F=25), 14-27=-15, 14-16=55, 2-24=-10, 24-28=-30(F=-20), 19-28=-5(F=5), 19-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=55
   Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-26=-5, 12-26=31(F=36), 12-27=31(F=36), 14-27=-5, 14-16=65, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
   Vert: 11=404(F) 24=478(F) 30=40(F) 31=-100 32=-100
5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=67, 2-5=45, 5-6=45, 11-26=28, 12-26=53(F=25), 12-27=53(F=25), 14-27=28, 14-16=28, 2-24=-10, 24-28=-30(F=-20), 19-28=-5(F=5), 19-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=28
   Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-26=38, 12-26=74(F=36), 12-27=74(F=36), 14-27=38, 14-16=38, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
   Vert: 11=316(F) 24=374(F) 30=31(F) 31=-100 32=-100
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=20, 2-5=28, 5-6=28, 11-26=45, 12-26=69(F=25), 12-27=69(F=25), 14-27=45, 14-16=45, 2-24=-10, 24-28=-30(F=-20), 19-28=-5(F=5), 19-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=28
   Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-26=55, 12-26=91(F=36), 12-27=91(F=36), 14-27=55, 14-16=55, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
   Vert: 11=316(F) 24=374(F) 30=31(F) 31=-100 32=-100
7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=43, 2-5=21, 5-6=21, 11-26=14, 12-26=39(F=25), 12-27=39(F=25), 14-27=14, 14-16=14, 2-24=-10, 24-28=-30(F=-20), 19-28=-5(F=5), 19-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=14
   Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-26=24, 12-26=60(F=36), 12-27=60(F=36), 14-27=24, 14-16=24, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
   Vert: 11=101(F) 24=120(F) 30=10(F) 31=-100 32=-100
8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=6, 2-5=14, 5-6=14, 11-26=21, 12-26=46(F=25), 12-27=46(F=25), 14-27=21, 14-16=21, 2-24=-10, 24-28=-30(F=-20), 19-28=-5(F=5), 19-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=14
   Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-26=31, 12-26=67(F=36), 12-27=67(F=36), 14-27=31, 14-16=31, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
   Vert: 11=101(F) 24=120(F) 30=10(F) 31=-100 32=-100
9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-60, 5-6=-60, 11-26=-20, 12-26=-75(F=-55), 12-27=-75(F=-55), 14-27=-20, 14-16=-20, 2-24=-40, 24-28=-60(F=-20), 19-28=-115(F=-75), 19-29=-95(F=-55), 16-29=-40, 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-906(F) 24=-1072(F) 30=-89(F) 31=-100 32=-100
10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-20, 5-6=-20, 11-26=-60, 12-26=-115(F=-55), 12-27=-115(F=-55), 14-27=-60, 14-16=-60, 2-24=-40, 24-28=-60(F=-20), 19-28=-115(F=-75), 19-29=-95(F=-55), 16-29=-40, 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-906(F) 24=-1072(F) 30=-89(F) 31=-100 32=-100



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	GT1D	SPECIAL	2	2	Job Reference (optional)

0005 - 1

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:46 2006 Page 1

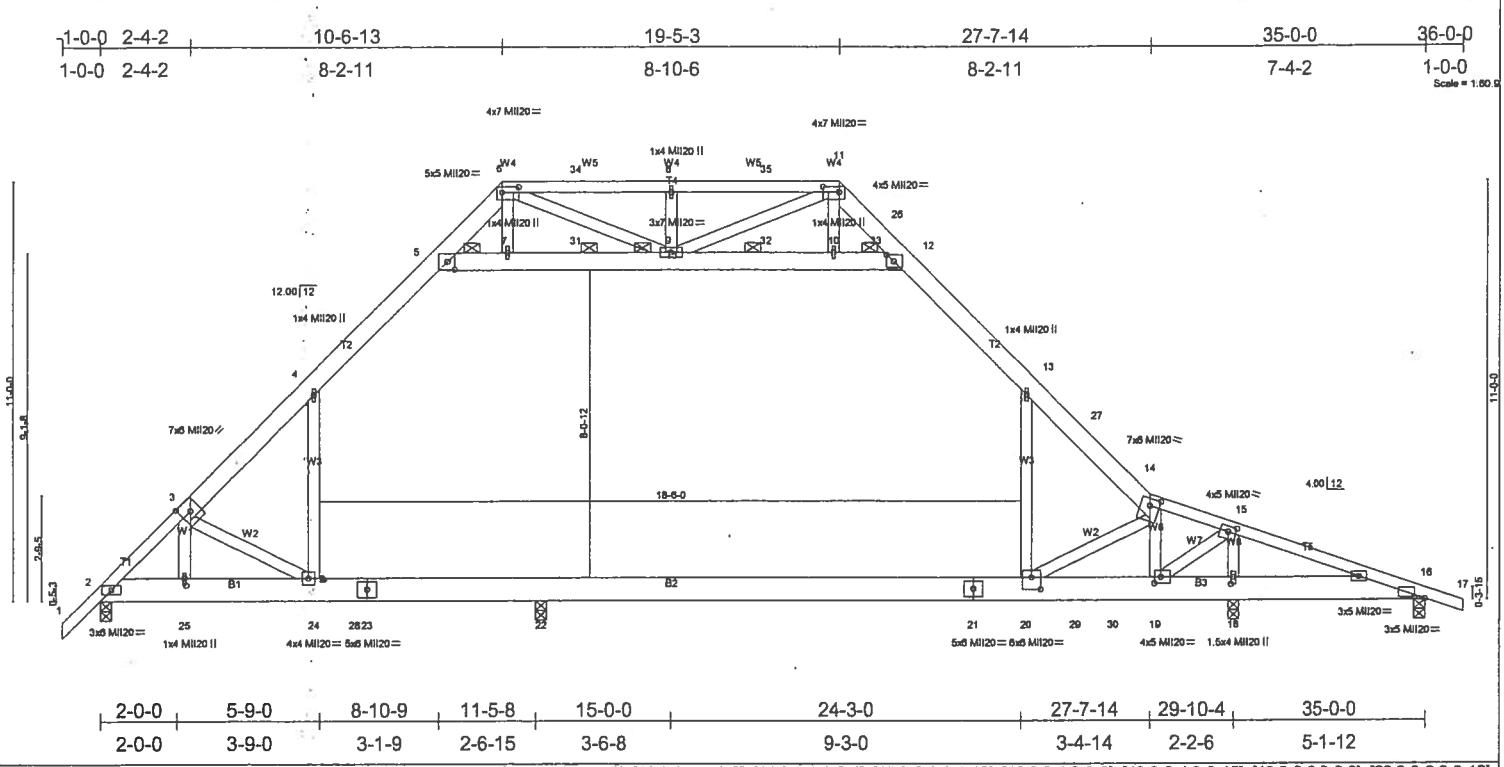


Plate Offsets (X,Y): [3:0-3-0,0-3-4], [5:0-2-4,0-2-8], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-2-4,0-2-0], [14:0-3-0,0-2-4], [15:0-2-8,0-1-12], [16:0-3-4,0-0-8], [18:0-2-4,0-0-12], [19:0-2-0,0-2-0], [20:0-3-0,0-3-12], [25:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.80	Vert(LL)	-0.20	20-22	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.79	Vert(TL)	-0.35	20-22	>623	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.82	Horz(TL)	0.02	18	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 564 lb	

LUMBER
TOP CHORD 2 X 6 SYP M 14 *Except*
T5 2 X 4 SYP M 14, T4 2 X 4 SYP M 14, T1 2 X 4 SYP M 14
BOT CHORD 2 X 8 SYP DSS *Except*
B1 2 X 8 SYP No.2
WEBS 2 X 4 SYP No.3

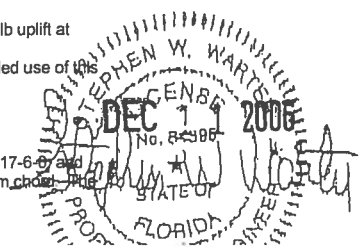
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. Except:
1 Row at midpt 5-9, 9-12
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 2=3191/0-3-8, 18=6279/0-3-8, 16=-1452/0-3-8, 22=2985/0-3-8
Max Horz 2=-631(load case 3)
Max Uplift2=-731(load case 5), 18=-1460(load case 3), 16=-1452(load case 1), 22=-189(load case 5)
Max Grav2=3191(load case 1), 18=6279(load case 1), 16=531(load case 3), 22=2985(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-4367/995, 3-4=-3535/938, 4-5=-2300/606, 5-6=-220/153, 11-26=-2135/820, 12-26=-2237/804, 12-13=-3076/810, 13-27=-3073/752, 14-27=-3219/737, 14-15=-663/657, 15-16=-1734/4906, 16-17=0/26, 5-7=-2527/909, 7-31=-2574/932, 9-31=-2574/932, 9-32=-692/567, 10-32=-692/567, 10-33=-689/555, 12-33=-689/555, 6-34=-939/435, 8-34=-936/435, 8-35=-936/435, 11-35=-939/435
BOT CHORD 2-25=-724/3124, 24-25=-705/3077, 24-28=-335/2189, 23-28=-335/2189, 22-23=-335/2189, 21-22=-335/2189, 20-21=-335/2189, 20-29=-464/697, 29-30=-464/697, 19-30=-464/697, 18-19=-4629/1697, 16-18=-4629/1697
WEBS 14-19=-4274/761, 15-19=-1201/5099, 15-18=-4723/1239, 6-7=-605/299, 10-11=-58/159, 8-9=-236/231, 6-9=-575/1434, 9-11=-609/275, 4-24=-504/1563, 13-20=-271/630, 14-20=-807/3040, 3-25=-294/706, 3-24=-1078/487

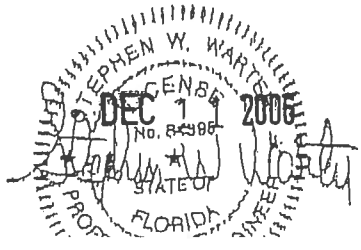
NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 11-10 2 X 4 - 1 row at 0-3-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
5) 200.0lb AC unit load placed on the top chord, 15-0-0 from left end, supported at two points, 5-0-0 apart.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
9) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 731 lb uplift at joint 2, 1460 lb uplift at joint 18, 1452 lb uplift at joint 16 and 189 lb uplift at joint 22.
11) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
12) Girder carries tie-in span(s): 4-6-0 from 6-8-4 to 25-8-8; 4-6-0 from 20-5-0 to 25-8-8
13) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
14) Uplift for first LC exceeds limits
15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down at 12-6-0, and 100 lb down at 17-6-0 and 1630 lb down and 404 lb up at 19-5-3 on top chord, and 1930 lb down and 478 lb up at 5-8-4, and 160 lb down and 40 lb up at 26-8-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard Except:



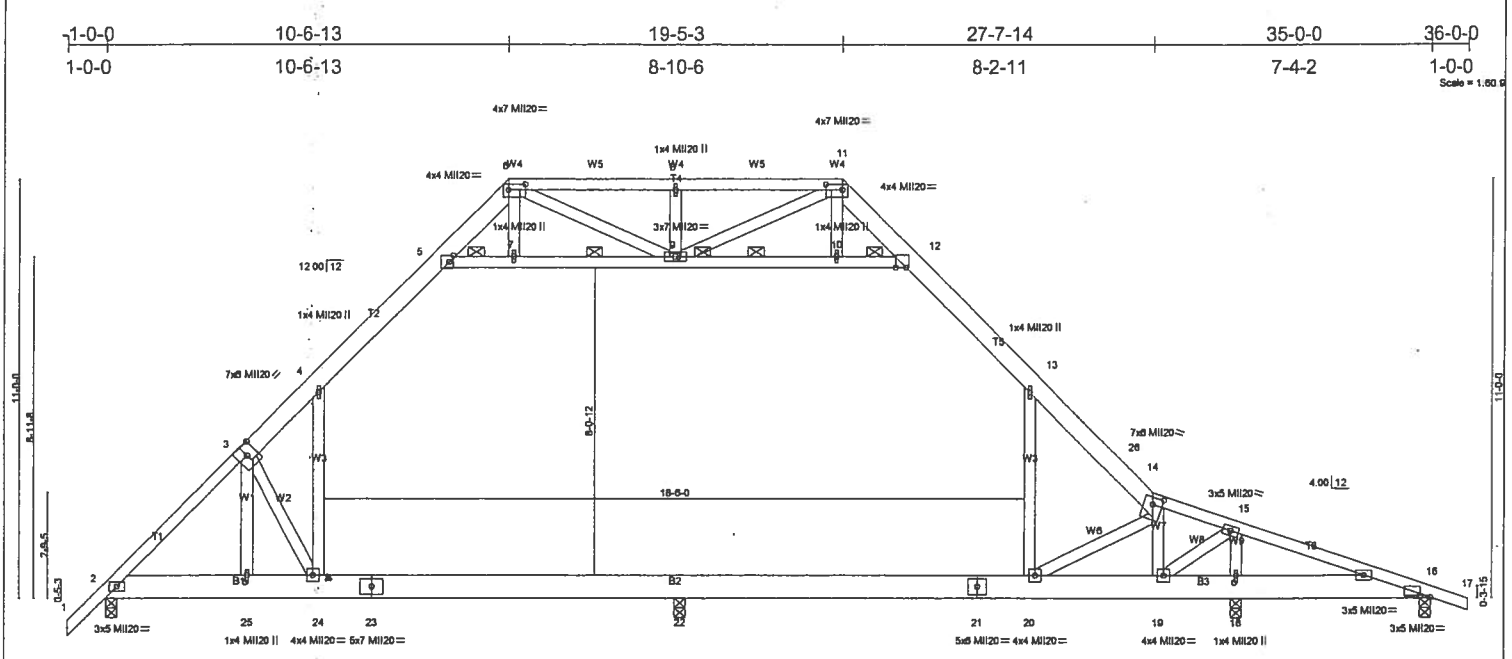
LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-60, 5-6=-60, 11-26=-60, 12-26=-115(F=-55), 12-27=-115(F=-55), 14-27=-60, 14-17=-60, 2-24=-40, 24-28=-140(F=-100), 20-28=-195(F=-155), 20-29=-115(F=-75), 16-29=-60(F=-20), 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-1630(F) 24=-1930(F) 30=-160(F) 31=-100 32=-100
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-20, 5-6=-20, 11-26=-20, 12-26=-53(F=-33), 12-27=-53(F=-33), 14-27=-20, 14-17=-20, 2-24=-40, 24-28=-60(F=-20), 20-28=-93(F=-53), 20-29=-73(F=-33), 16-29=-40, 12-33=-33(F), 6-11=-20
   Concentrated Loads (lb)
   Vert: 11=-543(F) 24=-643(F) 30=-53(F) 31=-100 32=-100
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-26=27, 12-26=51(F=25), 12-27=51(F=25), 14-27=27, 14-16=34, 16-17=25, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=55
   Horz: 1-2=-21, 2-5=5, 5-6=5, 11-26=37, 12-26=72(F=36), 12-27=72(F=36), 14-27=37, 14-16=44, 16-17=35, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
   Vert: 11=404(F) 24=478(F) 30=40(F) 31=-100 32=-100
4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=17, 2-5=27, 5-6=27, 11-26=-15, 12-26=10(F=25), 12-27=10(F=25), 14-27=-15, 14-16=55, 16-17=80, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=55
   Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-26=-5, 12-26=31(F=36), 12-27=31(F=36), 14-27=-5, 14-16=65, 16-17=90, 6-8=-65, 8-11=65
   Concentrated Loads (lb)
   Vert: 11=404(F) 24=478(F) 30=40(F) 31=-100 32=-100
5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=67, 2-5=45, 5-6=45, 11-26=28, 12-26=53(F=25), 12-27=53(F=25), 14-27=28, 14-16=28, 16-17=20, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=28
   Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-26=38, 12-26=74(F=36), 12-27=74(F=36), 14-27=38, 14-16=38, 16-17=30, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
   Vert: 11=316(F) 24=374(F) 30=31(F) 31=-100 32=-100
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=20, 2-5=28, 5-6=28, 11-26=45, 12-26=69(F=25), 12-27=69(F=25), 14-27=45, 14-16=45, 16-17=67, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=28
   Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-26=55, 12-26=91(F=36), 12-27=91(F=36), 14-27=55, 14-16=55, 16-17=77, 6-8=-38, 8-11=38
   Concentrated Loads (lb)
   Vert: 11=316(F) 24=374(F) 30=31(F) 31=-100 32=-100
7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=43, 2-5=21, 5-6=21, 11-26=14, 12-26=39(F=25), 12-27=39(F=25), 14-27=14, 14-16=14, 16-17=6, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=14
   Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-26=24, 12-26=60(F=36), 12-27=60(F=36), 14-27=24, 14-16=24, 16-17=16, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
   Vert: 11=101(F) 24=120(F) 30=10(F) 31=-100 32=-100
8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=6, 2-5=14, 5-6=14, 11-26=21, 12-26=46(F=25), 12-27=46(F=25), 14-27=21, 14-16=21, 16-17=43, 2-24=-10, 24-28=-30(F=-20), 20-28=-5(F=5), 20-29=15(F=25), 16-29=-10, 12-33=25(F), 6-11=14
   Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-26=31, 12-26=67(F=36), 12-27=67(F=36), 14-27=31, 14-16=31, 16-17=53, 6-8=-24, 8-11=24
   Concentrated Loads (lb)
   Vert: 11=101(F) 24=120(F) 30=10(F) 31=-100 32=-100
9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-60, 5-6=-60, 11-26=-20, 12-26=-75(F=-55), 12-27=-75(F=-55), 14-27=-20, 14-17=-20, 2-24=-40, 24-28=-60(F=-20), 20-28=-115(F=-75), 20-29=-95(F=-55), 16-29=-40, 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-906(F) 24=-1072(F) 30=-89(F) 31=-100 32=-100
10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-20, 5-6=-20, 11-26=-60, 12-26=-115(F=-55), 12-27=-115(F=-55), 14-27=-60, 14-17=-60, 2-24=-40, 24-28=-60(F=-20), 20-28=-115(F=-75), 20-29=-95(F=-55), 16-29=-40, 12-33=-55(F), 6-11=-60
   Concentrated Loads (lb)
   Vert: 11=-906(F) 24=-1072(F) 30=-89(F) 31=-100 32=-100



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	T1	SPECIAL	3	1	0006 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:47 2006 Page 1



5-9-0 | 8-10-9 | 15-0-0 | 15-1-12 | 24-3-0 | 27-7-14 | 29-10-4 | 35-0-0
5-9-0 | 3-1-9 | 6-1-7 | 0-1-12 | 9-1-4 | 3-4-14 | 2-2-6 | 5-1-12

Plate Offsets (X,Y): [3:0-3-0,0-3-4], [5:0-1-4,0-2-0], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-3-4,0-0-0], [14:0-3-0,0-2-4], [16:0-3-4,0-0-8], [18:0-2-4,0-0-8], [25:0-2-4,0-0-8]

LOADING (psf)		SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0		Plates Increase 1.00	TC 0.60	Vert(LL) -0.22 22-24 >823 360	MII20 249/190
TCDL 10.0		Lumber Increase 1.25	BC 0.86	Vert(TL) -0.39 22-24 >456 240	
BCLL 10.0	+	Rep Stress Incr NO	WB 0.50	Horz(TL) 0.02 18 n/a n/a	
BCDL 10.0		Code FBC2004/TPI2002	(Matrix)		Weight: 272 lb

LUMBER
TOP CHORD 2 X 4 SYP M 14 *Except*
T2 2 X 6 SYP M 14, T5 2 X 6 SYP M 14
BOT CHORD 2 X 8 SYP No.2 *Except*
B2 2 X 8 SYP DSS
WEBS 2 X 4 SYP No.3

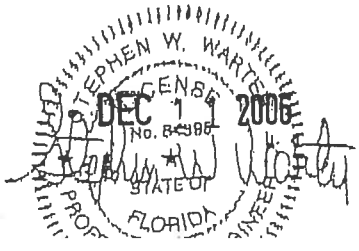
BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-13 oc purlins. Except:
1 Row at midpt 5-9, 9-12
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 2=1486/0-3-8, 18=2081/0-3-8, 16=-2/0-3-8, 22=1547/0-3-8
Max Horz 2=-410(load case 3)
Max Uplift2=-397(load case 5), 18=-671(load case 3), 16=-484(load case 4)
Max Grav2=1486(load case 1), 18=2081(load case 1), 16=254(load case 3), 22=1547(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1807/379, 3-4=-1633/348, 4-5=-1011/415, 5-6=-386/414, 11-12=-408/539, 12-13=-1039/451, 13-26=-1293/581, 14-26=-1415/565, 14-15=-759/878, 15-16=-966/1049, 16-17=0/26, 5-7=-820/328, 7-9=-826/328, 9-10=-925/451, 10-12=-916/448, 6-8=-487/621, 8-11=-487/621
BOT CHORD 2-25=-420/1243, 24-25=-424/1247, 23-24=-250/885, 22-23=-250/885, 21-22=-250/885, 20-21=-250/885, 19-20=-703/754, 18-19=-920/963, 16-18=-920/963
WEBS 14-19=-1215/270, 15-19=-482/1544, 15-18=-1555/607, 6-7=-71/18, 10-11=-109/49, 8-9=-267/222, 6-9=-389/343, 9-11=-402/413, 4-24=0/766, 13-20=-216/494, 14-20=-448/549, 3-25=-274/406, 3-24=-746/477

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
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) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 397 lb uplift at joint 2, 671 lb uplift at joint 18 and 484 lb uplift at joint 16.
8) A + following a basic load indicates that the load has been modified in one or more load cases.
9) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
10) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard Except:
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-60, 12-14=-60, 14-17=-60, 2-24=-40, 20-24=-120(F=-100), 16-20=-40(F=-20), 6-11=-60
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-20, 12-14=-20, 14-17=-20, 2-24=-40, 20-24=-40(F=-20), 16-20=-20, 6-11=-20
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00



Continued on page 2

LOAD CASE(S) Standard Except:

Uniform Loads (plf)
Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-12=27, 12-26=27, 14-26=-1, 14-16=33, 16-17=23, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=55
Horz: 1-2=-21, 2-5=5, 5-6=5, 11-12=37, 12-26=37, 14-26=9, 14-16=43, 16-17=33, 6-8=-65, 8-11=65

4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=17, 2-5=27, 5-6=27, 11-12=-15, 12-26=-15, 14-26=-1, 14-16=37, 16-17=62, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=55
Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-12=-5, 12-26=-5, 14-26=9, 14-16=47, 16-17=72, 6-8=-65, 8-11=65

5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=67, 2-5=45, 5-6=45, 11-12=28, 12-26=28, 14-26=-2, 14-16=28, 16-17=20, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=28
Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-12=38, 12-26=38, 14-26=8, 14-16=38, 16-17=30, 6-8=-38, 8-11=38

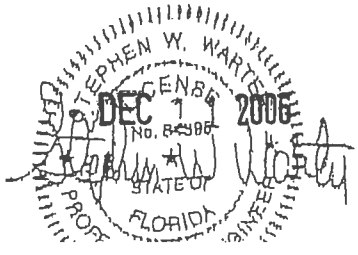
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=20, 2-5=28, 5-6=28, 11-12=45, 12-26=45, 14-26=-2, 14-16=45, 16-17=67, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=28
Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-12=55, 12-26=55, 14-26=8, 14-16=55, 16-17=77, 6-8=-38, 8-11=38

7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=43, 2-5=21, 5-6=21, 11-12=14, 12-26=14, 14-26=-2, 14-16=14, 16-17=6, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=14
Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-12=24, 12-26=24, 14-26=8, 14-16=24, 16-17=16, 6-8=-24, 8-11=24

8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=6, 2-5=14, 5-6=14, 11-12=21, 12-26=21, 14-26=-2, 14-16=21, 16-17=43, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=14
Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-12=31, 12-26=31, 14-26=8, 14-16=31, 16-17=53, 6-8=-24, 8-11=24

9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-20, 12-14=-20, 14-17=-20, 2-24=-40, 20-24=-40(F=-20), 16-20=-20, 6-11=-60

10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-60, 12-14=-60, 14-17=-60, 2-24=-40, 20-24=-40(F=-20), 16-20=-20, 6-11=-60



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	T1A	SPECIAL	2	1	0007 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:48 2006 Page 1

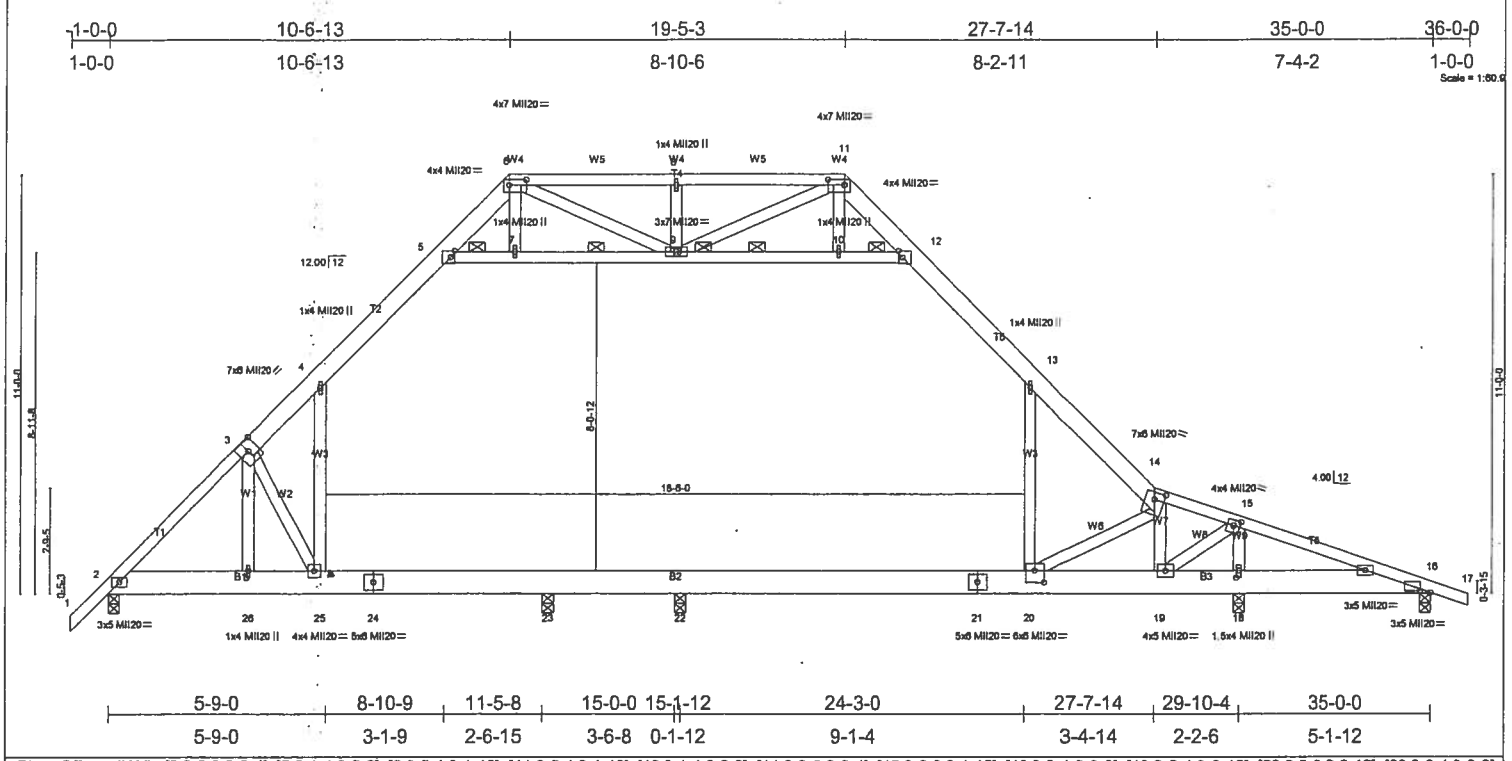


Plate Offsets (X,Y): [3:0-3-0,0-3-4], [5:0-1-4,0-2-0], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-1-4,0-2-0], [14:0-3-0,0-2-4], [15:0-2-0,0-1-12], [16:0-3-4,0-0-8], [18:0-2-4,0-0-12], [20:0-3-0,0-3-12], [26:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.48	Vert(LL)	-0.15	20-22	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.24	20-22	>737	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.66	Horz(TL)	0.01	18	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 272 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14 *Except*
T2 2 X 6 SYP M 14, T5 2 X 6 SYP M 14
BOT CHORD 2 X 8 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-8-15 oc purlins. Except:
1 Row at midpt 5-9, 9-12
BOT CHORD Rigid ceiling directly applied or 5-11-13 oc bracing.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 2=1347/0-3-8, 18=2824/0-3-8, 16=-358/0-3-8, 22=1024/0-3-8, 23=859/0-3-8
Max Horz 2=-442(load case 3)
Max Uplift2=-362(load case 5), 18=-635(load case 6), 16=-486(load case 4), 23=-188(load case 4)
Max Grav 2=1347(load case 1), 18=2824(load case 1), 16=127(load case 3), 22=1024(load case 1), 23=859(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1619/350, 3-4=-1383/398, 4-5=-955/411, 5-6=-405/432, 11-12=-415/477, 12-13=-962/432, 13-14=-1280/528, 14-15=-270/762, 15-16=-603/1939, 16-17=0/26, 5-7=-689/343, 7-9=-695/345, 9-10=-719/401, 10-12=-713/398, 6-8=-487/571, 8-11=-487/571
BOT CHORD 2-26=-339/1105, 25-26=-343/1110, 24-25=-181/791, 23-24=-181/791, 22-23=-181/791, 21-22=-181/791, 20-21=-181/791, 19-20=-546/306, 18-19=-1804/620, 16-18=-1804/620
WEBS 14-19=-1695/244, 15-19=-453/2061, 15-18=-2034/593, 6-7=-65/23, 10-11=-74/38, 8-9=-261/219, 6-9=-377/356, 9-11=-388/379, 4-25=-65/491, 13-20=-180/421, 14-20=-182/1035, 3-26=-295/447, 3-25=-658/455

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
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) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 362 lb uplift at joint 2, 635 lb uplift at joint 18, 486 lb uplift at joint 16 and 188 lb uplift at joint 23.
8) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard Except:
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-60, 12-14=-60, 14-17=-60, 2-25=-40, 20-25=-140(F=-100), 16-20=-60(F=-20), 6-11=-60
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-20, 12-14=-20, 14-17=-20, 2-25=-40, 20-25=-60(F=-20), 16-20=-40, 6-11=-20
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-12=27, 12-14=27, 14-16=34, 16-17=25, 2-25=-10, 20-25=-30(F=-20), 16-20=-10, 6-11=55
Horz: 1-2=-21, 2-5=5, 5-6=5, 11-12=37, 12-14=37, 14-16=44, 16-17=35, 6-8=-65, 8-11=65
4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00

Continued on page 2

STEPHEN W. HARTE No. 64996 STATE OF FLORIDA PROFESSIONAL ENGINEER
DEC 11 2006

LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-2=17, 2-5=27, 5-6=27, 11-12=-15, 12-14=-15, 14-16=55, 16-17=80, 2-25=-10, 20-25=-30(F=-20), 16-20=-10, 6-11=55
Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-12=-5, 12-14=-5, 14-16=65, 16-17=90, 6-8=-65, 8-11=65

5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=67, 2-5=45, 5-6=45, 11-12=28, 12-14=28, 14-16=28, 16-17=20, 2-25=-10, 20-25=-30(F=-20), 16-20=-10, 6-11=28
Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-12=38, 12-14=38, 14-16=38, 16-17=30, 6-8=-38, 8-11=38

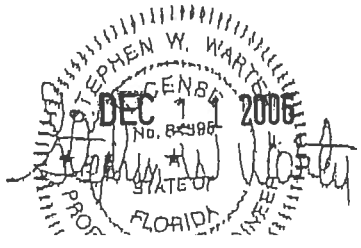
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=20, 2-5=28, 5-6=28, 11-12=45, 12-14=45, 14-16=45, 16-17=67, 2-25=-10, 20-25=-30(F=-20), 16-20=-10, 6-11=28
Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-12=55, 12-14=55, 14-16=55, 16-17=77, 6-8=-38, 8-11=38

7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=43, 2-5=21, 5-6=21, 11-12=14, 12-14=14, 14-16=14, 16-17=6, 2-25=-10, 20-25=-30(F=-20), 16-20=-10, 6-11=14
Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-12=24, 12-14=24, 14-16=24, 16-17=16, 6-8=-24, 8-11=24

8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=6, 2-5=14, 5-6=14, 11-12=21, 12-14=21, 14-16=21, 16-17=43, 2-25=-10, 20-25=-30(F=-20), 16-20=-10, 6-11=14
Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-12=31, 12-14=31, 14-16=31, 16-17=53, 6-8=-24, 8-11=24

9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-20, 12-14=-20, 14-17=-20, 2-25=-40, 20-25=-60(F=-20), 16-20=-40, 6-11=-60

10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-60, 12-14=-60, 14-17=-60, 2-25=-40, 20-25=-60(F=-20), 16-20=-40, 6-11=-60



Job	Truss	Truss Type	Qty	Ply	0 0	0008 - 1
CHARLESTON	T1B	SPECIAL	1	1	Job Reference (optional)	

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:49 2006 Page 1

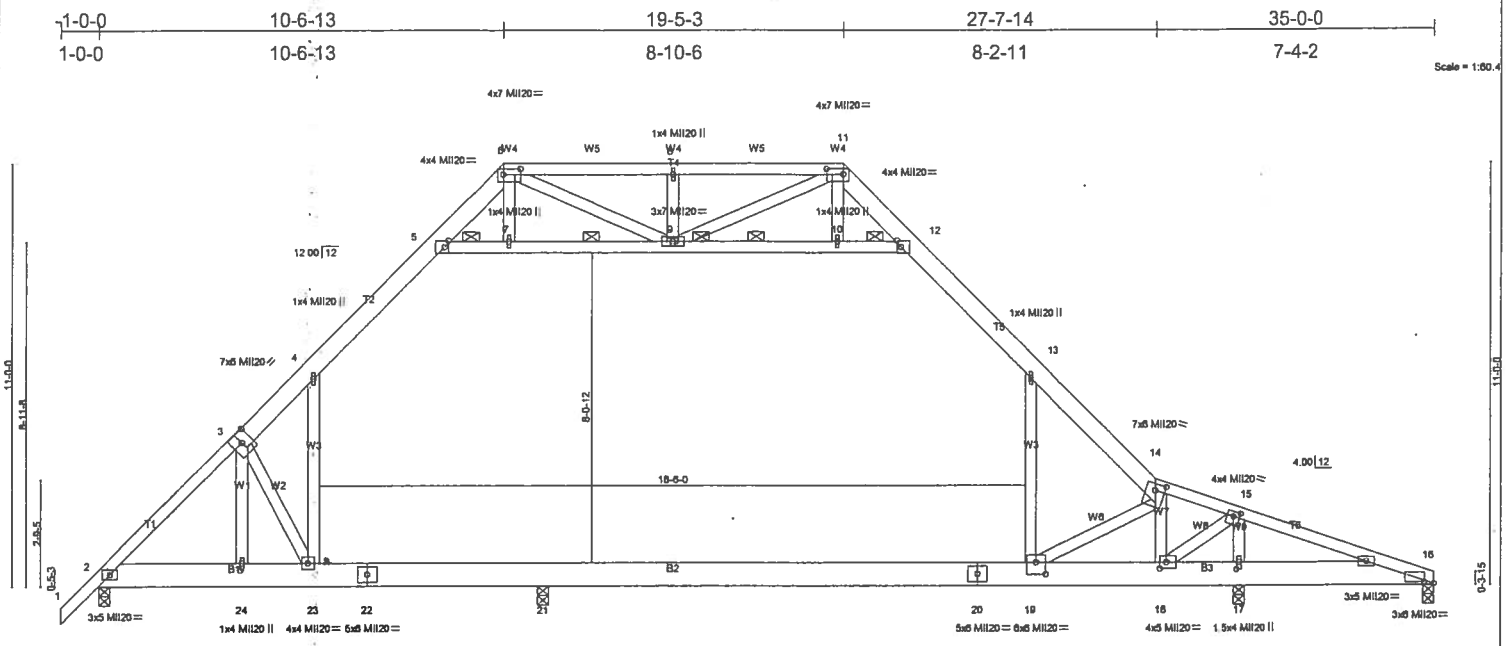


Plate Offsets (X,Y): [3:0-3-0,0-3-4], [5:0-1-4,0-2-0], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-1-4,0-2-0], [14:0-3-0,0-2-0], [15:0-2-0,0-1-8], [16:0-3-0,0-0-8], [17:0-2-4,0-0-12], [18:0-2-0,0-2-0], [19:0-3-0,0-3-12], [24:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.69	Vert(LL)	-0.32	19-21	>676	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.51	19-21	>426	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.79	Horz(TL)	-0.01	16	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 270 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14 *Except*
T2 2 X 6 SYP M 14, T5 2 X 6 SYP M 14
BOT CHORD 2 X 8 SYP DSS *Except*
B1 2 X 8 SYP No.2
WEBS 2 X 4 SYP No.3

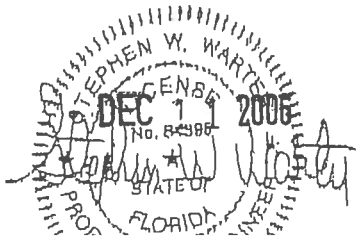
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. Except:
1 Row at midpt 5-9, 9-12
BOT CHORD Rigid ceiling directly applied or 5-1-12 oc bracing.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 16=-868/0-3-8, 2=1196/0-3-8, 17=3489/0-3-8, 21=1811/0-3-8
Max Horz 2=-426(load case 3)
Max Uplift16=-868(load case 1), 2=-406(load case 5), 17=-520(load case 6)
Max Grav16=142(load case 3), 2=1196(load case 1), 17=3489(load case 1), 21=1811(load case 1)

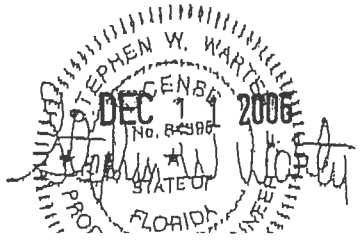
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1407/393, 3-4=-1199/416, 4-5=-918/413, 5-6=-414/426, 11-12=-448/474, 12-13=-906/445, 13-14=-1194/553, 14-15=-183/1108, 15-16=-542/3138, 5-7=-606/347, 7-9=-611/348, 9-10=-568/438, 10-12=-564/435, 6-8=-509/570, 8-11=-509/570
BOT CHORD 2-24=-438/952, 23-24=-442/955, 22-23=-244/725, 21-22=-244/725, 20-21=-244/725, 19-20=-244/725, 18-19=-900/258, 17-18=-2946/545, 16-17=-2946/545
WEBS 14-18=-2379/131, 15-18=-351/2451, 15-17=-2395/494, 6-7=-64/22, 10-11=-52/47, 8-9=-256/221, 6-9=-375/369, 9-11=-405/364, 4-23=-75/283, 13-19=-190/422, 14-19=-148/1913, 3-24=-348/414, 3-23=-535/518

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
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) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 868 lb uplift at joint 16, 406 lb uplift at joint 2 and 520 lb uplift at joint 17.
8) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard Except:
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-60, 12-14=-60, 14-16=-60, 2-23=-40, 19-23=-140(F=-100), 16-19=-60(F=-20), 6-11=-60
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-20, 12-14=-20, 14-16=-20, 2-23=-40, 19-23=-60(F=-20), 16-19=-40, 6-11=-20
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00

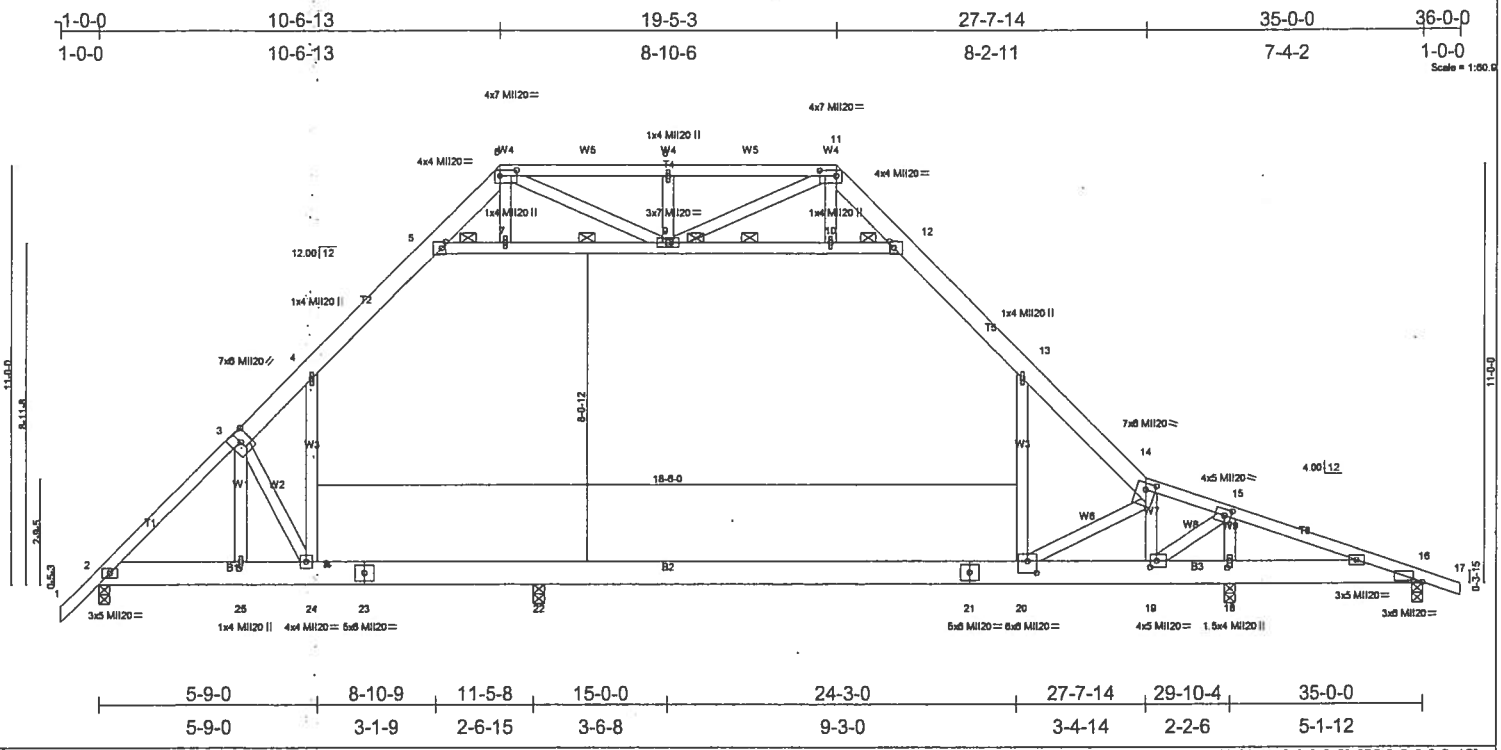


LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-12=27, 12-14=27, 14-16=34, 2-23=-10, 19-23=-30(F=-20), 16-19=-10, 6-11=55
Horz: 1-2=-21, 2-5=5, 5-6=5, 11-12=37, 12-14=37, 14-16=44, 6-8=-65, 8-11=65
4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=17, 2-5=27, 5-6=27, 11-12=-15, 12-14=-15, 14-16=55, 2-23=-10, 19-23=-30(F=-20), 16-19=-10, 6-11=55
Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-12=-5, 12-14=-5, 14-16=65, 6-8=-65, 8-11=65
5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=67, 2-5=45, 5-6=45, 11-12=28, 12-14=28, 14-16=28, 2-23=-10, 19-23=-30(F=-20), 16-19=-10, 6-11=28
Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-12=38, 12-14=38, 14-16=38, 6-8=-38, 8-11=38
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=20, 2-5=28, 5-6=28, 11-12=45, 12-14=45, 14-16=45, 2-23=-10, 19-23=-30(F=-20), 16-19=-10, 6-11=28
Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-12=55, 12-14=55, 14-16=55, 6-8=-38, 8-11=38
7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=43, 2-5=21, 5-6=21, 11-12=14, 12-14=14, 14-16=14, 2-23=-10, 19-23=-30(F=-20), 16-19=-10, 6-11=14
Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-12=24, 12-14=24, 14-16=24, 6-8=-24, 8-11=24
8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=6, 2-5=14, 5-6=14, 11-12=21, 12-14=21, 14-16=21, 2-23=-10, 19-23=-30(F=-20), 16-19=-10, 6-11=14
Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-12=31, 12-14=31, 14-16=31, 6-8=-24, 8-11=24
9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-20, 12-14=-20, 14-16=-20, 2-23=-40, 19-23=-60(F=-20), 16-19=-40, 6-11=-60
10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-60, 12-14=-60, 14-16=-60, 2-23=-40, 19-23=-60(F=-20), 16-19=-40, 6-11=-60



Job	Truss	Truss Type	Qty	Ply	0 0	0009 - 1
CHARLESTON	T1C	SPECIAL	6	1	Job Reference (optional)	

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:51 2006 Page 1



5-9-0	8-10-9	11-5-8	15-0-0	24-3-0	27-7-14	29-10-4	35-0-0
5-9-0	3-1-9	2-6-15	3-6-8	9-3-0	3-4-14	2-2-6	5-1-12

Plate Offsets (X,Y): [3:0-3-0,0-3-4], [5:0-1-4,0-2-0], [6:0-5-4,0-1-12], [11:0-5-4,0-1-12], [12:0-1-4,0-2-0], [14:0-3-0,0-2-0], [15:0-2-0,0-2-0], [16:0-3-0,0-0-8], [18:0-2-4,0-0-12], [19:0-2-0,0-2-0], [20:0-3-0,0-3-12], [25:0-2-4,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.69	Vert(LL)	-0.32	20-22	>675	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.51	20-22	>425	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.79	Horz(TL)	-0.01	16	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 272 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14 *Except*
T2 2 X 6 SYP M 14, T5 2 X 6 SYP M 14
BOT CHORD 2 X 8 SYP DSS *Except*
B1 2 X 8 SYP No.2
WEBS 2 X 4 SYP No.3

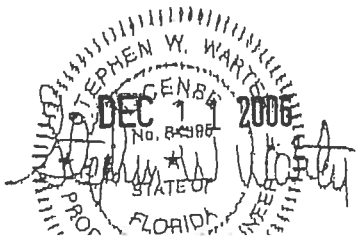
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. Except:
1 Row at midpt 5-9, 9-12
BOT CHORD Rigid ceiling directly applied or 5-1-13 oc bracing.
JOINTS 1 Brace at Jt(s): 9

REACTIONS (lb/size) 2=1196/0-3-8, 18=3480/0-3-8, 16=-791/0-3-8, 22=1811/0-3-8
Max Horz 2=-442(load case 3)
Max Uplift 2=-406(load case 5), 18=-509(load case 3), 16=-791(load case 1)
Max Grav 2=1196(load case 1), 18=3480(load case 1), 16=109(load case 3), 22=1811(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1407/393, 3-4=-1200/417, 4-5=-918/414, 5-6=-414/425, 11-12=-448/474, 12-13=-906/445, 13-14=-1194/555, 14-15=-180/1114, 15-16=-542/3144, 16-17=0/26, 5-7=-606/348, 7-9=-611/350, 9-10=-569/439, 10-12=-565/436, 6-8=-509/570, 8-11=-509/570
BOT CHORD 2-25=-397/952, 24-25=-401/955, 23-24=-203/725, 22-23=-203/725, 21-22=-203/725, 20-21=-203/725, 19-20=-865/272, 18-19=-2952/562, 16-18=-2952/562
WEBS 14-19=-2379/130, 15-19=-355/2461, 15-18=-2402/501, 6-7=-64/22, 10-11=-52/47, 8-9=-256/221, 6-9=-375/369, 9-11=-405/364, 4-24=-76/284, 13-20=-192/421, 14-20=-146/1911, 3-25=-347/414, 3-24=-535/518

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
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) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 406 lb uplift at joint 2, 509 lb uplift at joint 18 and 791 lb uplift at joint 16.
8) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard Except:
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-60, 12-14=-60, 14-17=-60, 2-24=-40, 20-24=-140(F=-100), 16-20=-60(F=-20), 6-11=-60
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-20, 12-14=-20, 14-17=-20, 2-24=-40, 20-24=-60(F=-20), 16-20=-40, 6-11=-20
3) MWFRS Wind Left: Lumber Increase=1.25, Plate Increase=1.00



LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-2=11, 2-5=-15, 5-6=-15, 11-12=27, 12-14=27, 14-16=34, 16-17=25, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=55
Horz: 1-2=-21, 2-5=5, 5-6=5, 11-12=37, 12-14=37, 14-16=44, 16-17=35, 6-8=-65, 8-11=65

4) MWFRS Wind Right: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=17, 2-5=27, 5-6=27, 11-12=-15, 12-14=-15, 14-16=55, 16-17=80, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=55
Horz: 1-2=-27, 2-5=-37, 5-6=-37, 11-12=-5, 12-14=-5, 14-16=65, 16-17=90, 6-8=-65, 8-11=65

5) MWFRS 1st Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=67, 2-5=45, 5-6=45, 11-12=28, 12-14=28, 14-16=28, 16-17=20, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=28
Horz: 1-2=-77, 2-5=-55, 5-6=-55, 11-12=38, 12-14=38, 14-16=38, 16-17=30, 6-8=-38, 8-11=38

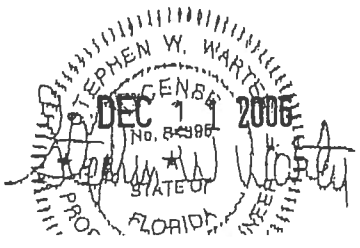
6) MWFRS 2nd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=20, 2-5=28, 5-6=28, 11-12=45, 12-14=45, 14-16=45, 16-17=67, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=28
Horz: 1-2=-30, 2-5=-38, 5-6=-38, 11-12=55, 12-14=55, 14-16=55, 16-17=77, 6-8=-38, 8-11=38

7) MWFRS 3rd Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=43, 2-5=21, 5-6=21, 11-12=14, 12-14=14, 14-16=14, 16-17=6, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=14
Horz: 1-2=-53, 2-5=-31, 5-6=-31, 11-12=24, 12-14=24, 14-16=24, 16-17=16, 6-8=-24, 8-11=24

8) MWFRS 4th Wind Parallel: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=6, 2-5=14, 5-6=14, 11-12=21, 12-14=21, 14-16=21, 16-17=43, 2-24=-10, 20-24=-30(F=-20), 16-20=-10, 6-11=14
Horz: 1-2=-16, 2-5=-24, 5-6=-24, 11-12=31, 12-14=31, 14-16=31, 16-17=53, 6-8=-24, 8-11=24

9) 1st unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 11-12=-20, 12-14=-20, 14-17=-20, 2-24=-40, 20-24=-60(F=-20), 16-20=-40, 6-11=-60

10) 2nd unbalanced Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-5=-20, 5-6=-20, 11-12=-60, 12-14=-60, 14-17=-60, 2-24=-40, 20-24=-60(F=-20), 16-20=-40, 6-11=-60

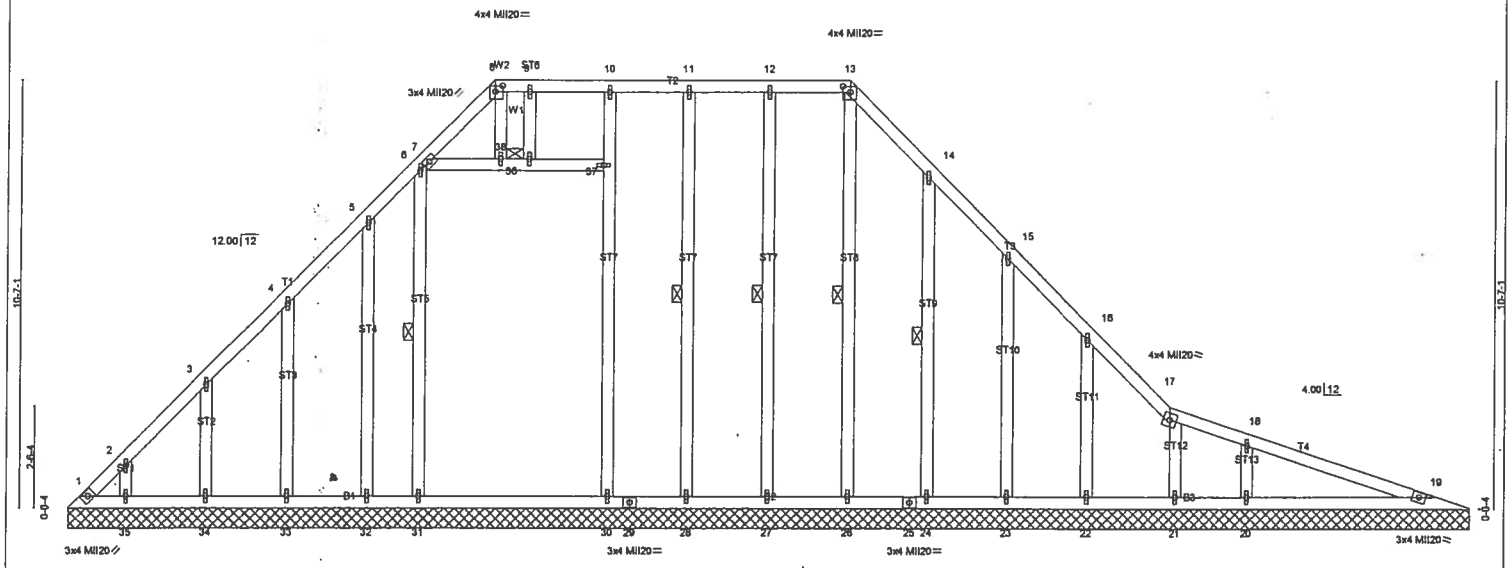


Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	T1G	GABLE	1	1	0010 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:52 2006 Page 1

1-0-0 | 10-6-13 | 19-5-3 | 27-6-0 | 35-0-0 | 36-0-0
1-0-0 | 10-6-13 | 8-10-6 | 8-0-13 | 7-6-0 | 1-0-0

Scale = 1:57.4



35-0-0

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.21	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	NO	WB	0.16	Horz(TL)	0.02	19	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 253 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3
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.
WEBS 1 Row at midpt 13-26, 12-27, 11-28, 6-31, 14-24
JOINTS 1 Brace at Jt(s): 36

REACTIONS (lb/size) 1=113/35-0-0, 19=217/35-0-0, 26=122/35-0-0, 27=209/35-0-0, 28=135/35-0-0, 30=163/35-0-0, 31=319/35-0-0, 32=83/35-0-0, 33=216/35-0-0, 34=201/35-0-0, 35=176/35-0-0, 24=199/35-0-0, 23=191/35-0-0, 22=241/35-0-0, 21=114/35-0-0, 20=492/35-0-0, 37=196/35-0-0
Max Horz 1=-441(load case 3)
Max Uplift 1=-168(load case 3), 19=-102(load case 4), 27=-87(load case 4), 28=-103(load case 3), 31=-75(load case 4), 32=-177(load case 5), 33=-181(load case 5), 34=-184(load case 5), 35=-157(load case 5), 24=-173(load case 6), 23=-181(load case 6), 22=-192(load case 6), 21=-49(load case 4), 20=-264(load case 4), 37=-158(load case 4)
Max Grav 1=328(load case 5), 19=217(load case 1), 26=139(load case 10), 27=213(load case 9), 28=139(load case 10), 30=163(load case 10), 31=321(load case 9), 32=83(load case 1), 33=216(load case 9), 34=201(load case 9), 35=176(load case 9), 24=200(load case 10), 23=191(load case 1), 22=241(load case 1), 21=114(load case 1), 20=492(load case 10), 37=197(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-476/251, 2-3=-351/244, 3-4=-192/230, 4-5=-161/216, 5-6=-133/214, 6-7=-181/208, 7-8=-171/229, 8-9=-87/220, 9-10=-85/219, 10-11=-83/225, 11-12=-83/225, 12-13=-84/225, 13-14=-158/245, 14-15=-160/196, 15-16=-161/208, 16-17=-244/216, 17-18=-238/159, 18-19=-318/69
BOT CHORD 1-35=-14/338, 34-35=-14/338, 33-34=-14/338, 32-33=-14/338, 31-32=-14/338, 30-31=-14/338, 29-30=-14/340, 28-29=-14/340, 27-28=-14/340, 26-27=-14/340, 25-26=-14/340, 24-25=-14/340, 23-24=-14/340, 22-23=-14/340, 21-22=-14/340, 20-21=-9/337, 19-20=-9/337
WEBS 13-26=-91/4, 12-27=-123/110, 11-28=-97/114, 30-37=0/0, 10-37=-186/151, 9-36=-26/58, 6-31=-148/118, 5-32=-80/178, 4-33=-124/204, 3-34=-123/205, 2-35=-104/166, 14-24=-117/193, 15-23=-118/201, 16-22=-138/213, 17-21=-104/78, 18-20=-279/271, 7-38=-0/13, 36-38=-1/7, 36-37=-1/7, 8-38=-71/9

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) All plates are 1x4 MII20 unless otherwise indicated.
8) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
9) Gable requires continuous bottom chord bearing.
10) Gable studs spaced at 2-0-0 oc.
11) Bearing at joint(s) 37 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 1, 102 lb uplift at joint 19, 87 lb uplift at joint 27, 103 lb uplift at joint 28, 75 lb uplift at joint 31, 177 lb uplift at joint 32, 181 lb uplift at joint 33, 184 lb uplift at joint 34, 157 lb uplift at joint 35, 173 lb uplift at joint 24, 181 lb uplift at joint 23, 192 lb uplift at joint 22, 49 lb uplift at joint 21, 264 lb uplift at joint 20 and 158 lb uplift at joint 37.

LOAD CASE(S) Standard

STEPHEN W. WARTELLE LICENSED No. 34986 STATE OF FLORIDA PROFESSIONAL ENGINEER
DEC 11 2006

Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	T1GA	GABLE	1	1	0011 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:53 2006 Page 1

1-0-0 | 10-6-13 | 19-5-3 | 27-6-0 | 35-0-0 | 36-0-0

1-0-0 | 10-6-13 | 8-10-6 | 8-0-13 | 7-6-0 | 1-0-0

Scale = 1:57.4

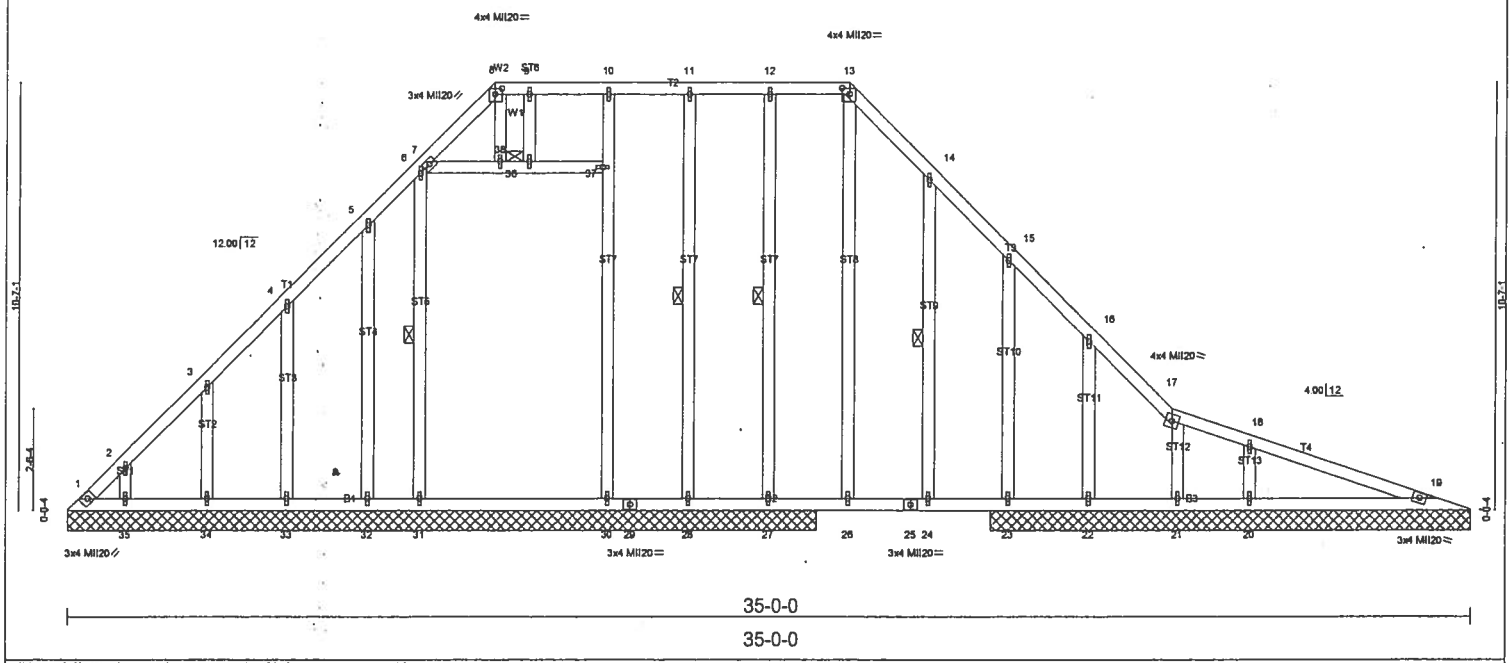


Plate Offsets (X,Y): [8:0-2-4,0-1-12], [13:0-2-4,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.21	Vert(LL)	-0.02	24-26	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.21	Vert(TL)	-0.04	24-26	>999	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.18	Horz(TL)	0.02	19	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 253 lb	

LUMBER

TOP CHORD	2 X 4 SYP M 14
BOT CHORD	2 X 4 SYP M 14
WEBS	2 X 4 SYP No.3
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.
WEBS	1 Row at midpt 12-27, 11-28, 6-31, 14-24
JOINTS	1 Brace at Jt(s): 36

REACTIONS (lb/size) 1=203/18-7-12, 19=245/12-0-0, 27=356/18-7-12, 28=72/18-7-12, 30=174/18-7-12, 31=241/18-7-12, 32=107/18-7-12, 33=215/18-7-12, 34=201/18-7-12, 35=176/18-7-12, 23=435/12-0-0, 22=128/12-0-0, 21=202/12-0-0, 20=485/12-0-0, 37=148/18-7-12

Max Horz 1=-441(load case 3)

Max Uplift 1=-188(load case 3), 19=-86(load case 4), 27=-90(load case 3), 28=-119(load case 4), 31=-117(load case 4), 32=-174(load case 5), 33=-181(load case 5), 34=-184(load case 5), 35=-157(load case 5), 23=-322(load case 6), 22=-134(load case 6), 21=-5(load case 4), 20=-267(load case 4), 37=-184(load case 4)

Max Grav 1=338(load case 5), 19=245(load case 1), 27=371(load case 10), 28=94(load case 9), 30=175(load case 10), 31=272(load case 9), 32=107(load case 1), 33=215(load case 9), 34=201(load case 1), 35=176(load case 9), 23=442(load case 10), 22=128(load case 1), 21=202(load case 1), 20=485(load case 1), 37=167(load case 9)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-490/280, 2-3=-365/273, 3-4=-285/259, 4-5=-288/245, 5-6=-275/247, 6-7=-269/223, 7-8=-259/245, 8-9=-173/234, 9-10=-171/234, 10-11=-172/240, 11-12=-172/240, 12-13=-172/240, 13-14=-261/241, 14-15=-328/140, 15-16=-262/152, 16-17=-272/145, 17-18=-223/112, 18-19=-303/21

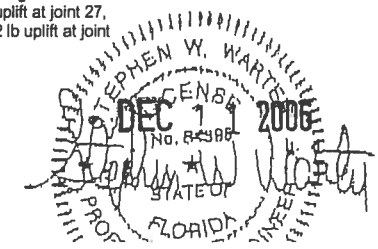
BOT CHORD 1-35=0/323, 34-35=0/323, 33-34=0/323, 32-33=0/323, 31-32=0/323, 30-31=0/323, 29-30=0/325, 28-29=0/325, 27-28=0/325, 26-27=0/325, 25-26=0/325, 24-25=0/325, 23-24=0/325, 22-23=0/325, 21-22=0/325, 20-21=0/323, 19-20=0/323

WEBS 13-26=-45/60, 12-27=-184/105, 11-28=-84/112, 30-37=0/0, 10-37=-160/173, 9-36=-49/63, 6-31=-112/159, 5-32=-102/175, 4-33=-123/204, 3-34=-122/205, 2-35=-106/166, 14-24=-38/127, 15-23=-216/254, 16-22=-97/192, 17-21=-174/42, 18-20=-277/273, 7-38=-7/14, 36-38=-3/8, 36-37=-3/8, 8-38=-82/59

NOTES

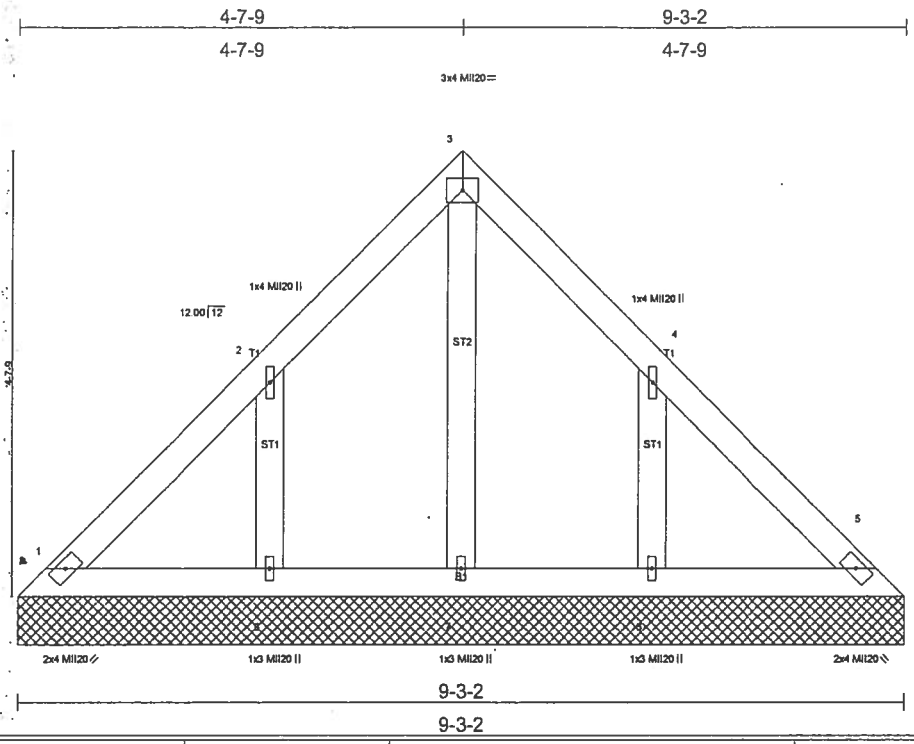
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) All plates are 1x4 MII20 unless otherwise indicated.
8) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
9) Gable studs spaced at 2-0-0 oc.
10) Bearing at joint(s) 37 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 188 lb uplift at joint 1, 86 lb uplift at joint 19, 90 lb uplift at joint 27, 119 lb uplift at joint 28, 117 lb uplift at joint 31, 174 lb uplift at joint 32, 181 lb uplift at joint 33, 184 lb uplift at joint 34, 157 lb uplift at joint 35, 322 lb uplift at joint 23, 134 lb uplift at joint 22, 5 lb uplift at joint 21, 267 lb uplift at joint 20 and 184 lb uplift at joint 37.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	GV8	GABLE	1	1	0012 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:54 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.07	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	NO	WB	0.07	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 44 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
OTHERS 2 X 4 SYP No.3

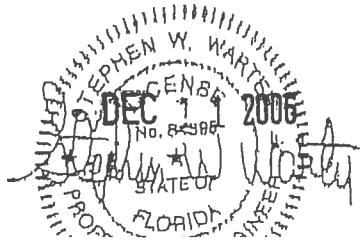
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=113/9-3-2, 5=113/9-3-2, 7=130/9-3-2, 8=250/9-3-2, 6=250/9-3-2
Max Horz 1=-177(load case 3)
Max Uplift 1=-44(load case 3), 5=-15(load case 4), 8=-222(load case 5), 6=-221(load case 6)
Max Grav 1=113(load case 1), 5=113(load case 1), 7=130(load case 1), 8=253(load case 9), 6=253(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-144/102, 2-3=-77/113, 3-4=-77/97, 4-5=-103/61
BOT CHORD 1-8=-41/120, 7-8=-41/120, 6-7=-41/120, 5-6=-41/120
WEBS 3-7=-66/2, 2-8=-146/222, 4-6=-146/222

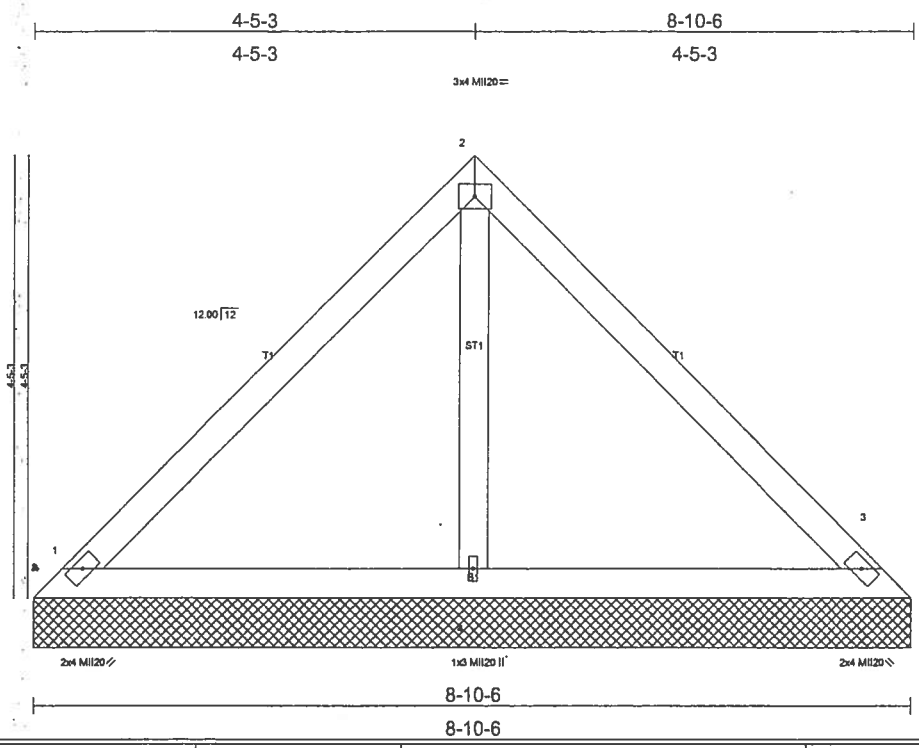
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 1, 15 lb uplift at joint 5, 222 lb uplift at joint 8 and 221 lb uplift at joint 6.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	P1	GABLE	18	1	0013 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:55 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.00	TC 0.37	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL 10.0	Lumber Increase 1.25	BC 0.15	Vert(TL)	n/a	-	n/a	999		
BCLL 10.0	Rep Stress Incr NO	WB 0.05	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code FBC2004/TPI2002	(Matrix)						Weight: 36 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
OTHERS 2 X 4 SYP No.3

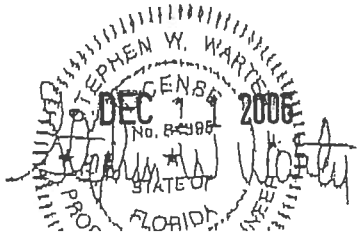
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=231/8-10-6, 3=231/8-10-6, 4=354/8-10-6
Max Horz 1=169(load case 4)
Max Uplift1=-109(load case 6), 3=-109(load case 6), 4=-21(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-136/106, 2-3=-136/90
BOT CHORD 1-4=-48/94, 3-4=-48/94
WEBS 2-4=-150/72

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 109 lb uplift at joint 1, 109 lb uplift at joint 3 and 21 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	P1A	GABLE	2	1	0014 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:55 2006 Page 1

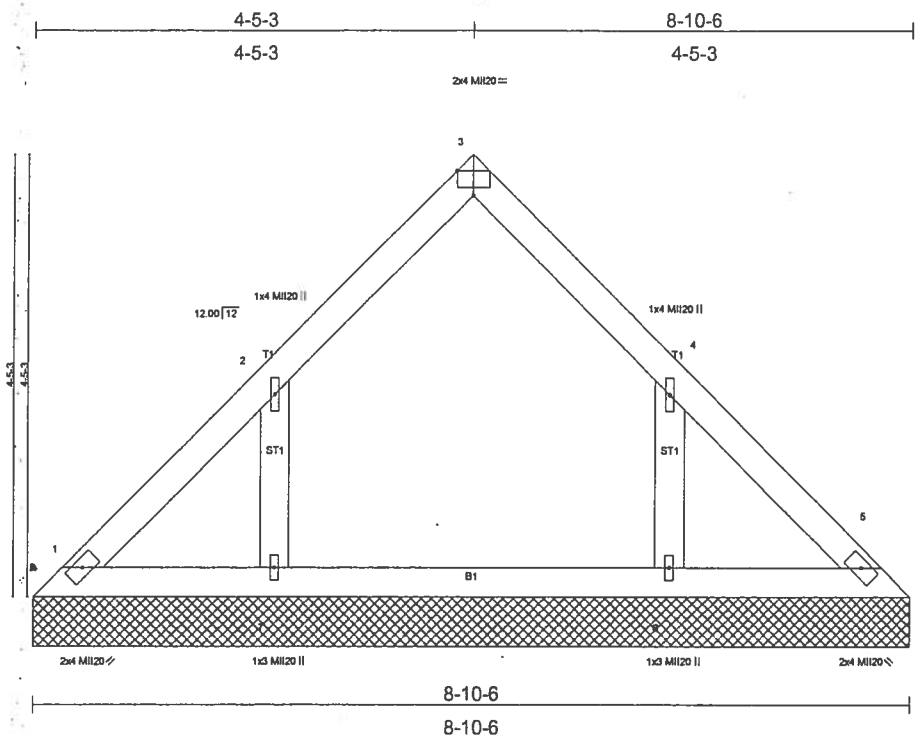


Plate Offsets (X,Y): [3:0-2-0,Edge], [4:0-0-0,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.09	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	NO	WB	0.08	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 36 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
OTHERS 2 X 4 SYP No.3

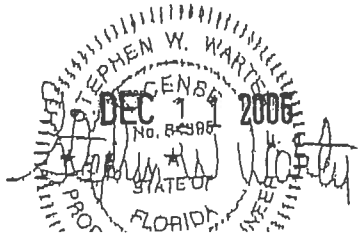
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=112/8-10-6, 5=112/8-10-6, 7=296/8-10-6, 6=296/8-10-6
Max Horz 1=-169(load case 3)
Max Uplift1=-16(load case 3), 5=-15(load case 4), 7=-214(load case 5), 6=-214(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-168/56, 2-3=-116/53, 3-4=-116/52, 4-5=-168/54
BOT CHORD 1-7=-36/160, 6-7=-36/160, 5-6=-36/160
WEBS 2-7=-153/250, 4-6=-153/250

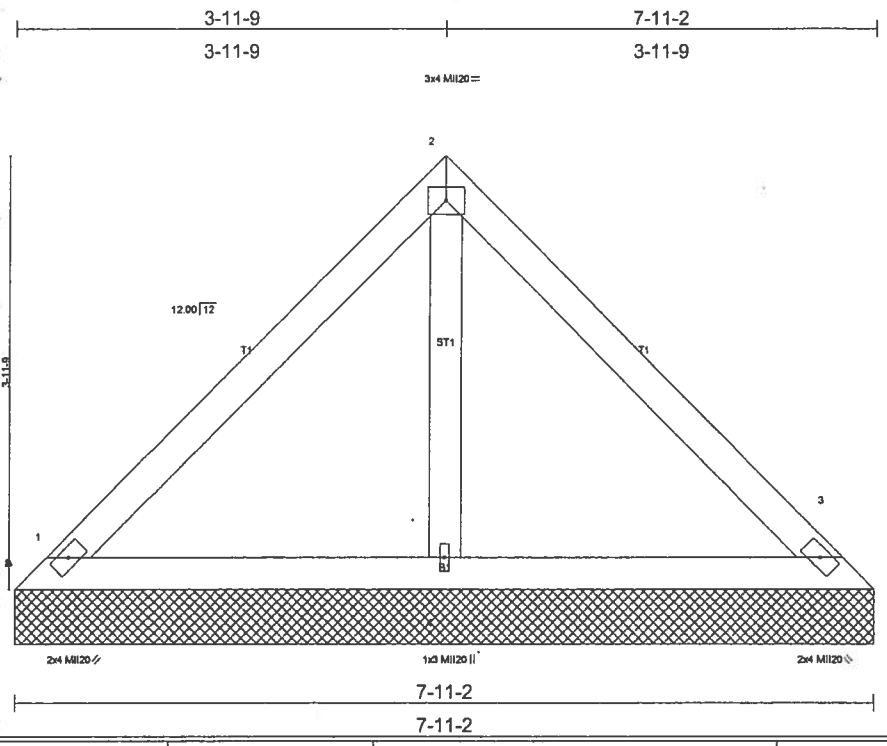
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 16 lb uplift at joint 1, 15 lb uplift at joint 5, 214 lb uplift at joint 7 and 214 lb uplift at joint 6.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	V7	VALLEY	1	1	0015 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:56 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.53	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 32 lb	

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

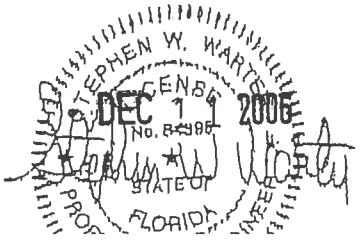
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=200/7-11-2, 3=200/7-11-2, 4=323/7-11-2
Max Horz 1=149(load case 4)
Max Uplift1=-95(load case 6), 3=-95(load case 6), 4=-23(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-114/93, 2-3=-114/77
BOT CHORD 1-4=-42/82, 3-4=-42/82
WEBS 2-4=-142/68

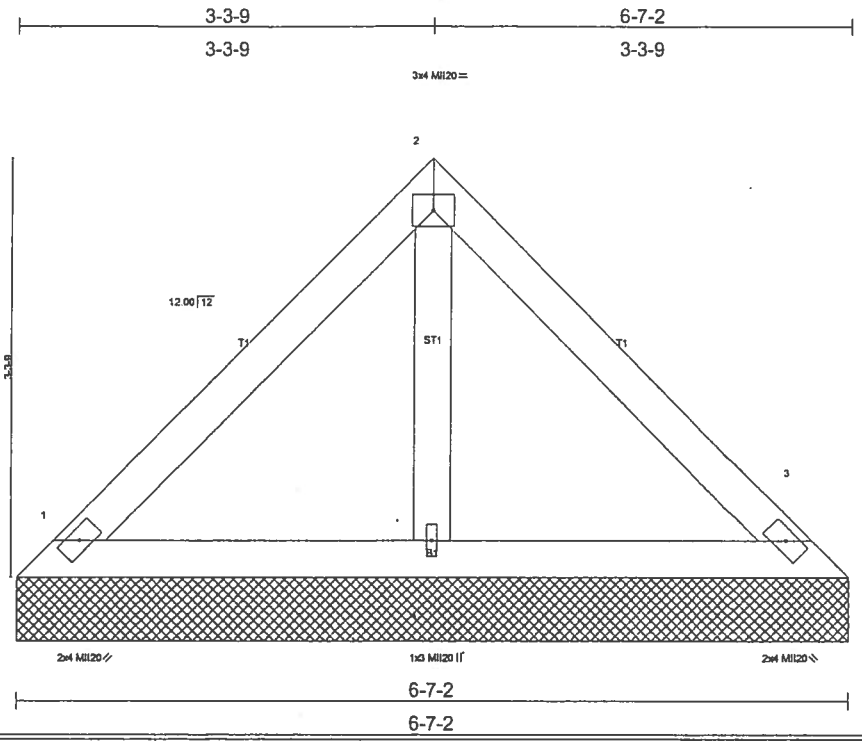
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Gable requires continuous bottom chord bearing.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 95 lb uplift at joint 1, 95 lb uplift at joint 3 and 23 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	V6	VALLEY	1	1	0016 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:56 2006 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.00	TC 0.36	Vert(LL) n/a - n/a 999	MII20 249/190
TCDL 10.0	Lumber Increase 1.25	BC 0.15	Vert(TL) n/a - n/a 999	
BCLL 10.0	Rep Stress Incr YES	WB 0.02	Horz(TL) 0.00 3 n/a n/a	
BCDL 10.0	Code FBC2004/TPI2002	(Matrix)		Weight: 26 lb

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

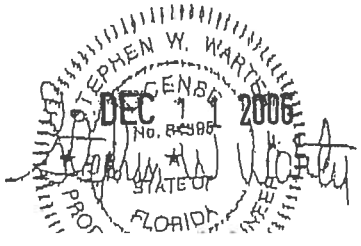
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=163/6-7-2, 3=163/6-7-2, 4=263/6-7-2
Max Horz 1=-122(load case 3)
Max Uplift1=-77(load case 6), 3=-77(load case 6), 4=-19(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-93/76, 2-3=-93/62
BOT CHORD 1-4=-34/67, 3-4=-34/67
WEBS 2-4=-116/56

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Gable requires continuous bottom chord bearing.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 77 lb uplift at joint 1, 77 lb uplift at joint 3 and 19 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	T2	MONO TRUSS	5	1	0017 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:56 2006 Page 1

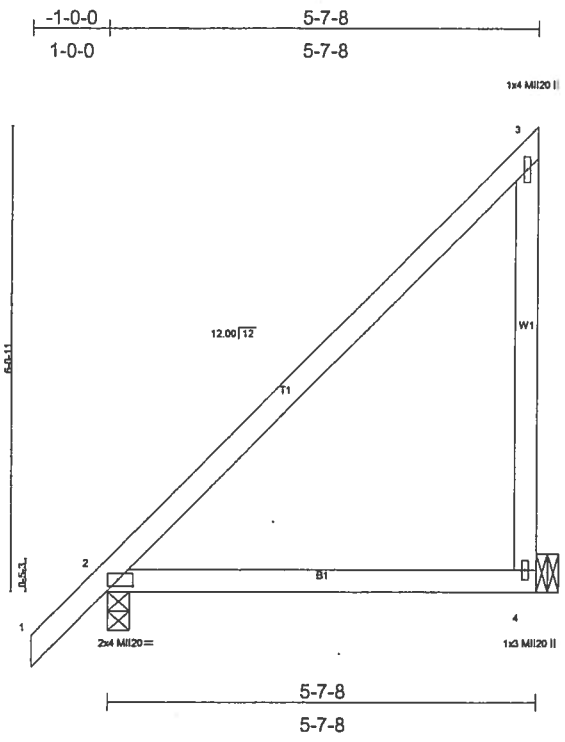


Plate Offsets (X,Y): [2:0-2-6,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.52	Vert(LL)	-0.04	2-4	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.10	2-4	>641	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 31 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3

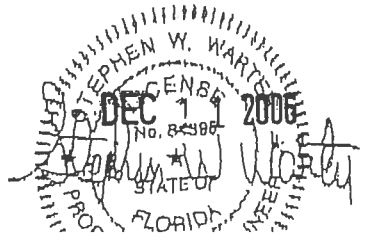
BRACING
TOP CHORD Structural wood sheathing directly applied or 5-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=343/0-3-8, 4=259/Mechanical
Max Horz 2=376(load case 5)
Max Uplift2=-25(load case 5), 4=-238(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-225/87
BOT CHORD 2-4=0/0
WEBS 3-4=-153/264

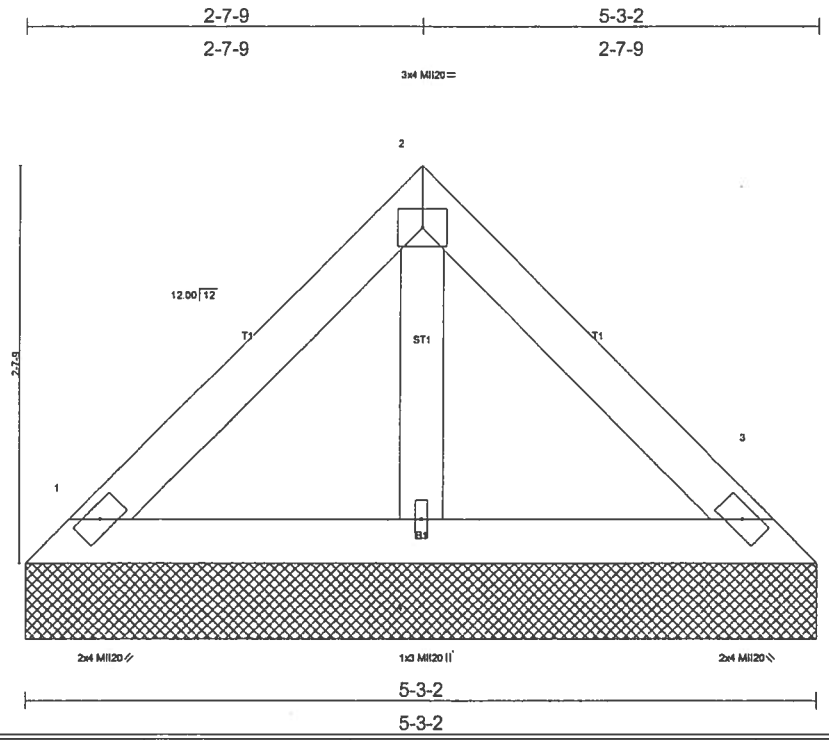
NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 2 and 238 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	V5	VALLEY	1	1	0018 - 1 Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:57 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.21	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 21 lb	

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

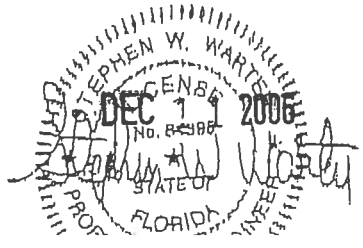
BRACING
TOP CHORD Structural wood sheathing directly applied or 5-3-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=126/5-3-2, 3=126/5-3-2, 4=204/5-3-2
Max Horz 1=-94(load case 3)
Max Uplift1=-60(load case 6), 3=-60(load case 6), 4=-15(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-72/59, 2-3=-72/48
BOT CHORD 1-4=-26/52, 3-4=-26/52
WEBS 2-4=-90/43

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Gable requires continuous bottom chord bearing.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 60 lb uplift at joint 1, 60 lb uplift at joint 3 and 15 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	T5	COMMON	8	1	0019 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:57 2006 Page 1

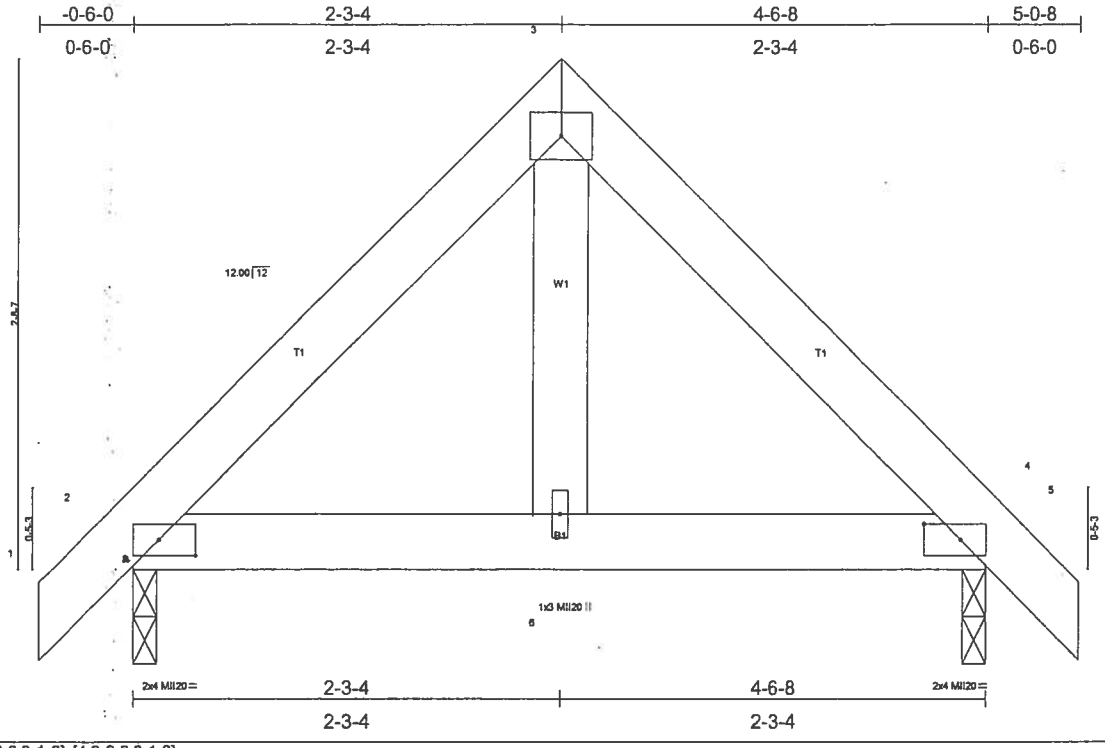


Plate Offsets (X,Y): [2:0-2-6,0-1-0], [4:0-2-6,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.09	Vert(LL)	-0.00	6	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	6	>999	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3

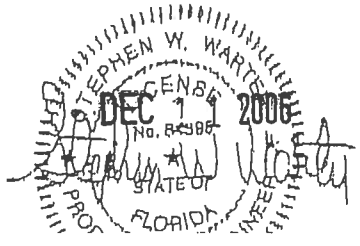
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=255/0-1-8, 4=255/0-1-8
Max Horz 2=100(load case 4)
Max Uplift2=-98(load case 5), 4=-98(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-209/52, 3-4=-209/52, 4-5=0/20
BOT CHORD 2-6=-12/108, 4-6=-12/108
WEBS 3-6=0/107

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 4.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 2 and 98 lb uplift at joint 4.

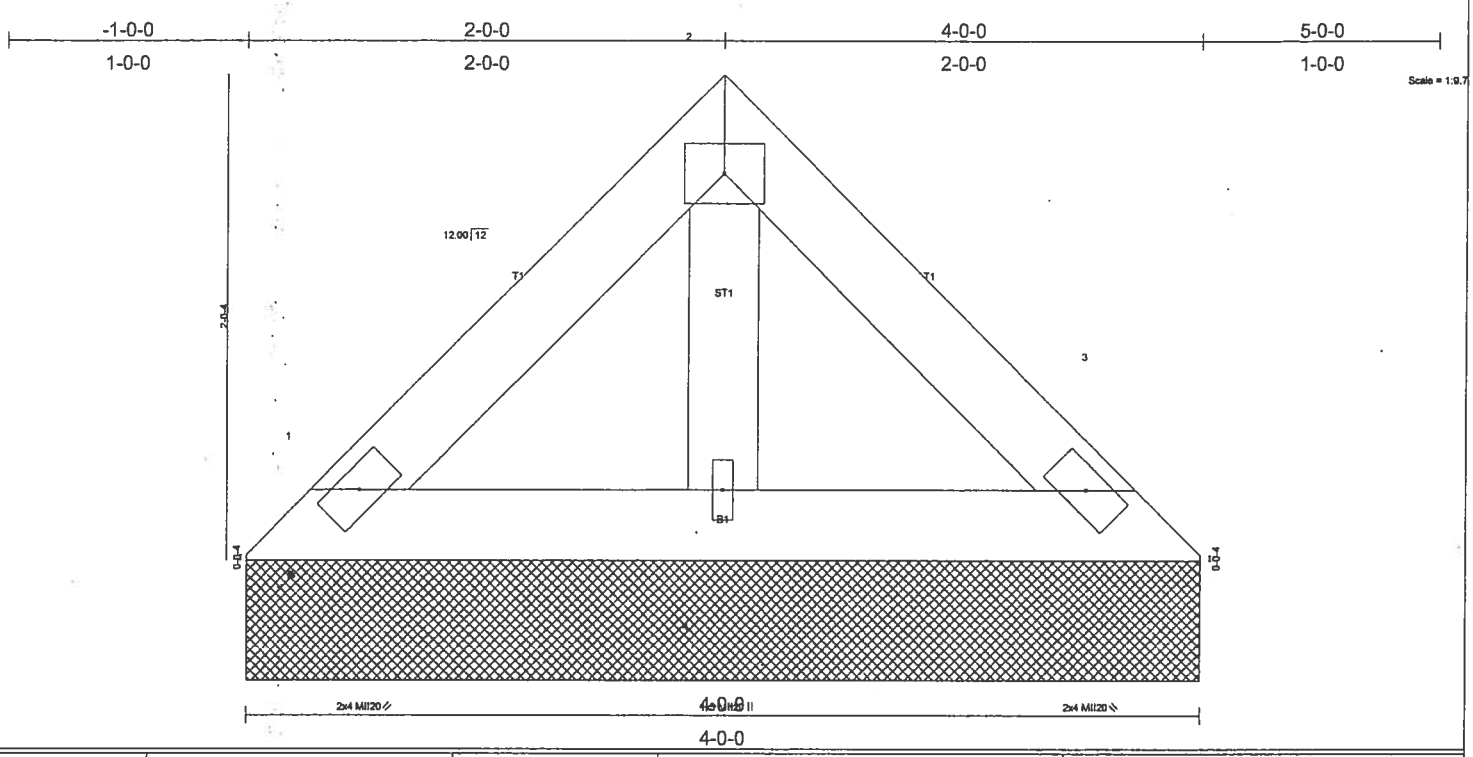
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	GT3	GABLE 3x4 MII20=	1	1	0020 - 1

Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:58 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	10.0	Rep Stress Incr	NO	WB	0.01	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 15 lb.	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
OTHERS 2 X 4 SYP No.3

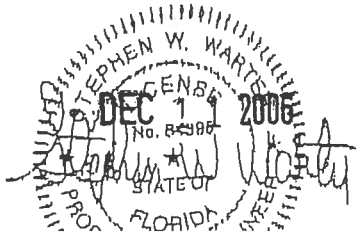
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=95/4-0-0, 3=95/4-0-0, 4=145/4-0-0
Max Horz 1=-69(load case 3)
Max Uplift1=-44(load case 6), 3=-44(load case 6), 4=-8(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-56/43, 2-3=-56/37
BOT CHORD 1-4=-20/38, 3-4=-20/38
WEBS 2-4=-61/29

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 1, 44 lb uplift at joint 3 and 8 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0	0021 - 1
CHARLESTON	T3	COMMON	2	1	Job Reference (optional)	

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:58 2006 Page 1

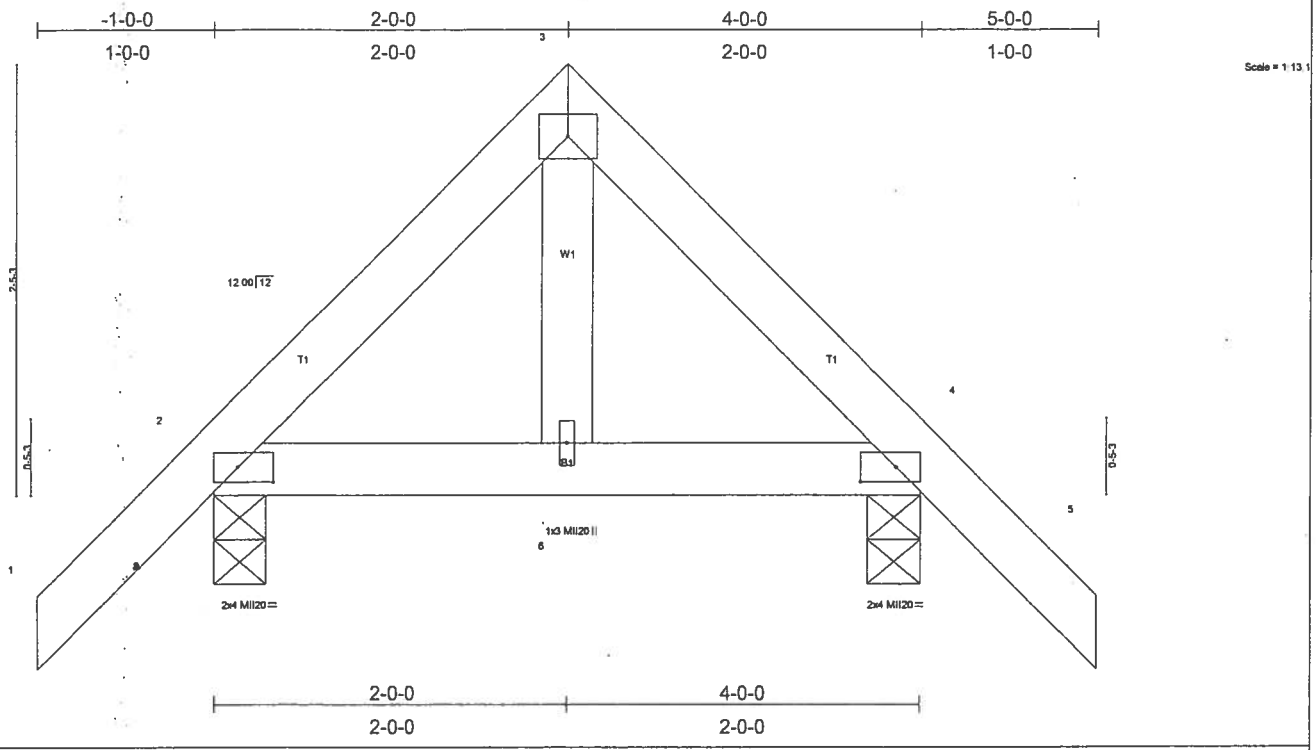


Plate Offsets (X,Y): [2:0-2-6,0-1-0], [4:0-2-6,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.12	Vert(LL)	-0.00	6	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	6	>999	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3

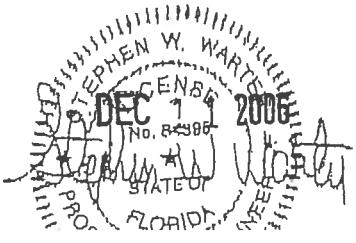
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=254/0-3-8, 4=254/0-3-8
Max Horz 2=92(load case 4)
Max Uplift2=-137(load case 5), 4=-137(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-162/23, 3-4=-162/23, 4-5=0/43
BOT CHORD 2-6=0/140, 4-6=0/140
WEBS 3-6=0/89

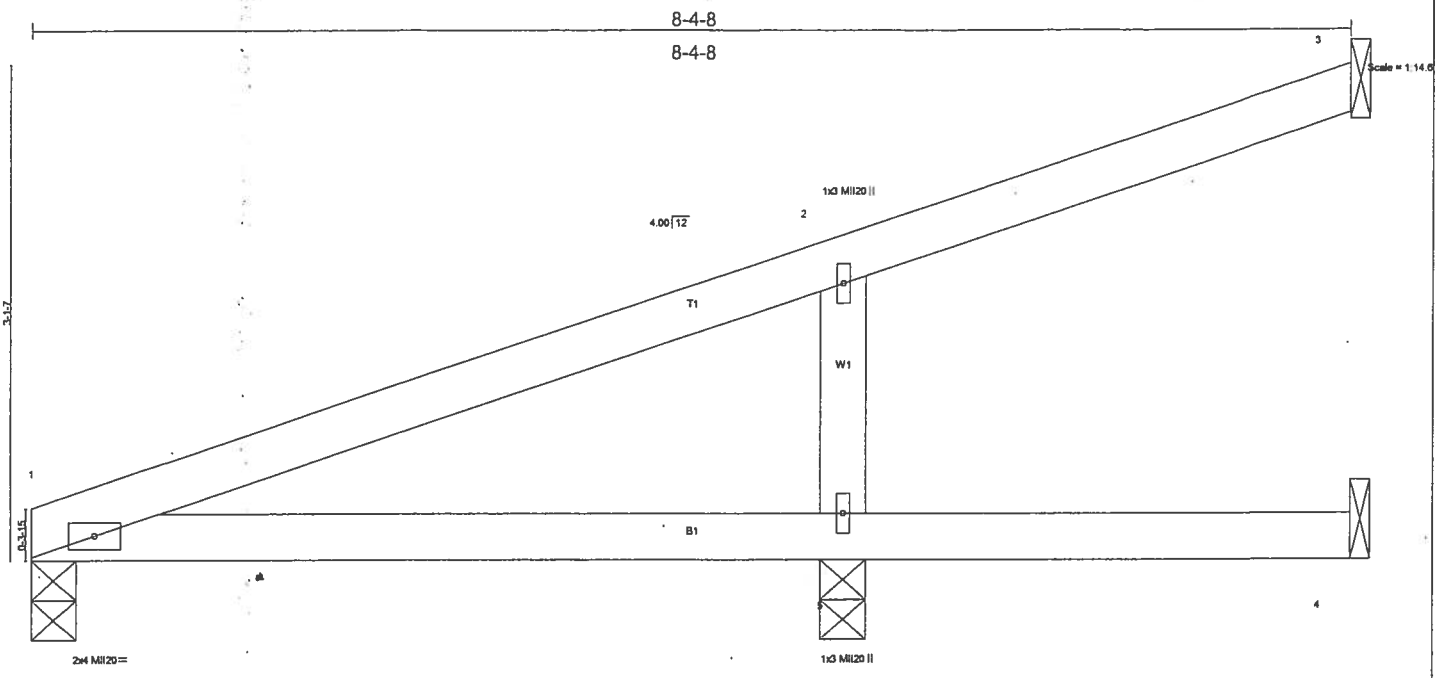
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint 2 and 137 lb uplift at joint 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0	0022 - 1
CHARLESTON	T2B	MONO TRUSS	1	1	Job Reference (optional)	

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:58 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.23	Vert(LL)	-0.02	1-5	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.04	1-5	>999	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.09	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 28 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3

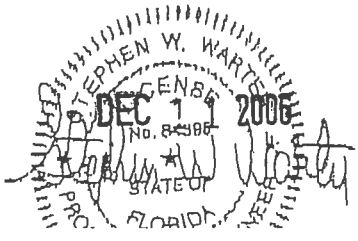
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=202/0-3-8, 3=50/Mechanical, 4=33/Mechanical, 5=532/0-3-8
Max Horz 1=154(load case 3)
Max Uplift1=-31(load case 3), 3=-42(load case 3), 5=-221(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-127/59, 2-3=-44/10
BOT CHORD 1-5=0/0, 4-5=0/0
WEBS 2-5=-319/274

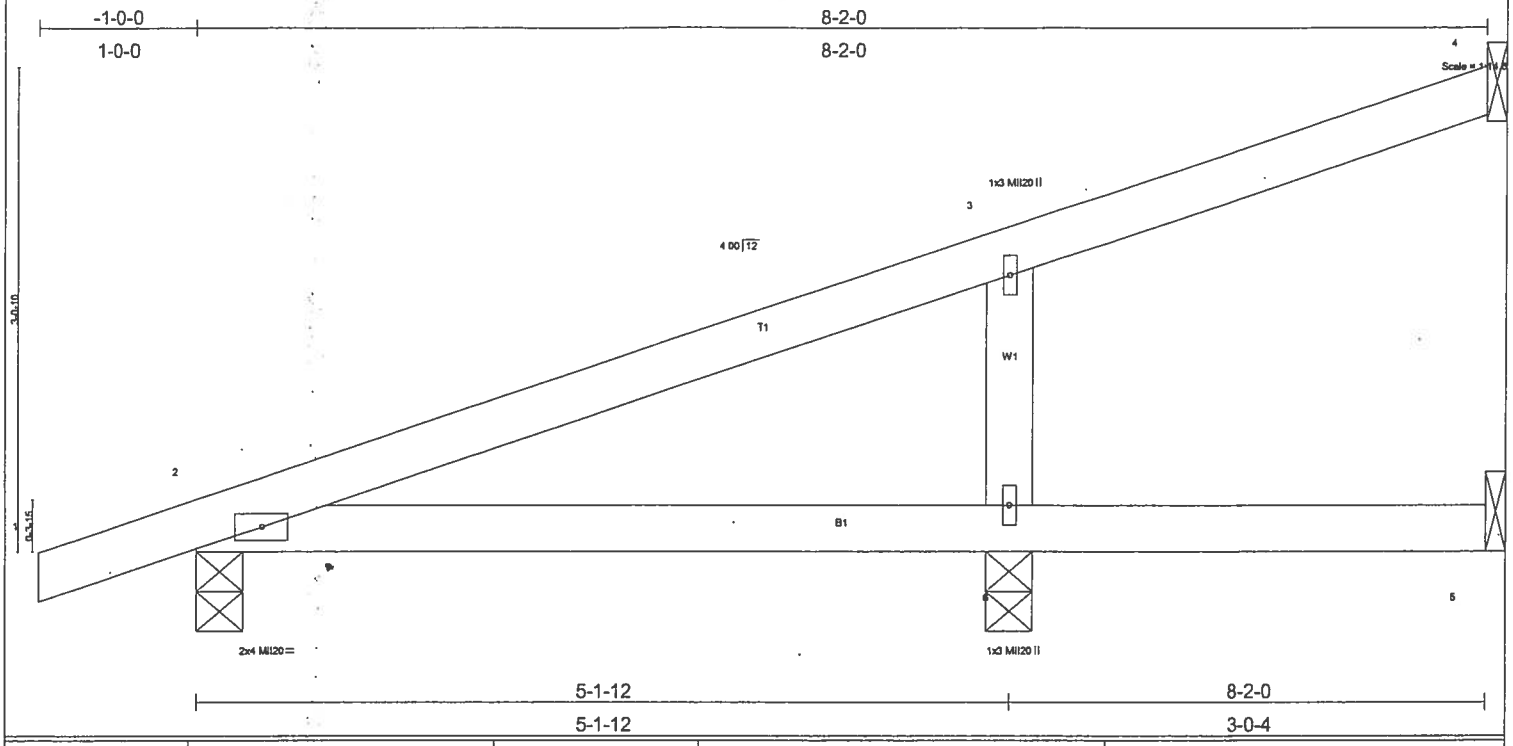
NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 1, 42 lb uplift at joint 3 and 221 lb uplift at joint 5.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	T2A	MONO TRUSS	4	1	0023 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:59 2006 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.20	Vert(LL)	-0.02	2-6	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.04	2-6	>999	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3

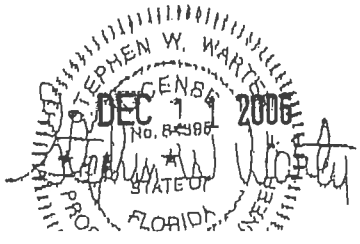
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=45/Mechanical, 2=282/0-3-8, 5=27/Mechanical, 6=510/0-3-8
Max Horz 2=173(load case 3)
Max Uplift4=-39(load case 3), 2=-121(load case 3), 6=-200(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-120/55, 3-4=-42/9
BOT CHORD 2-6=0/0, 5-6=0/0
WEBS 3-6=-300/253

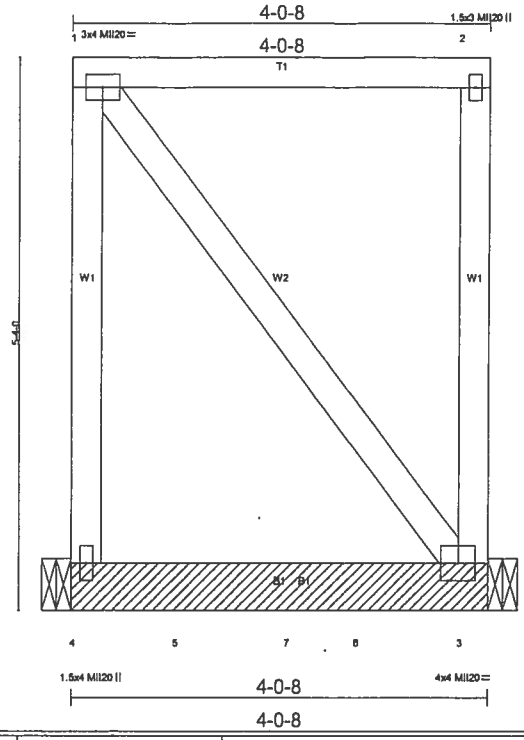
NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 4, 121 lb uplift at joint 2 and 200 lb uplift at joint 6.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	MT1	SPECIAL	2	1	0024 - 1
					Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:03:59 2006 Page 1



Scale = 1:22.4

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.36	Vert(LL)	0.02	3-4	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.02	3-4	>999	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.14	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 47 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 6 SYP M 14
WEBS 2 X 4 SYP No.3
LBR SCAB 3-4 2 X 6 SYP M 14 one side

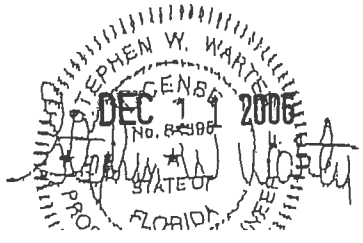
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=446/Mechanical, 3=368/Mechanical
Max Horz 4=-255(load case 3)
Max Uplift4=-526(load case 3), 3=-438(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-113/253, 1-2=-56/72, 2-3=-113/84
BOT CHORD 4-5=-183/199, 5-7=-183/199, 6-7=-183/199, 3-6=-183/199
WEBS 1-3=-211/211

NOTES
1) Attached 4-0-8 scab 3 to 4, back face(s) 2 X 6 SYP M 14 with 2 row(s) of 10d (0.148"x3") nails spaced 9" o.c..
2) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
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) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 526 lb uplift at joint 4 and 438 lb uplift at joint 3.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 219 lb down and 248 lb up at 1-2-12, and 219 lb down and 248 lb up at 2-2-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

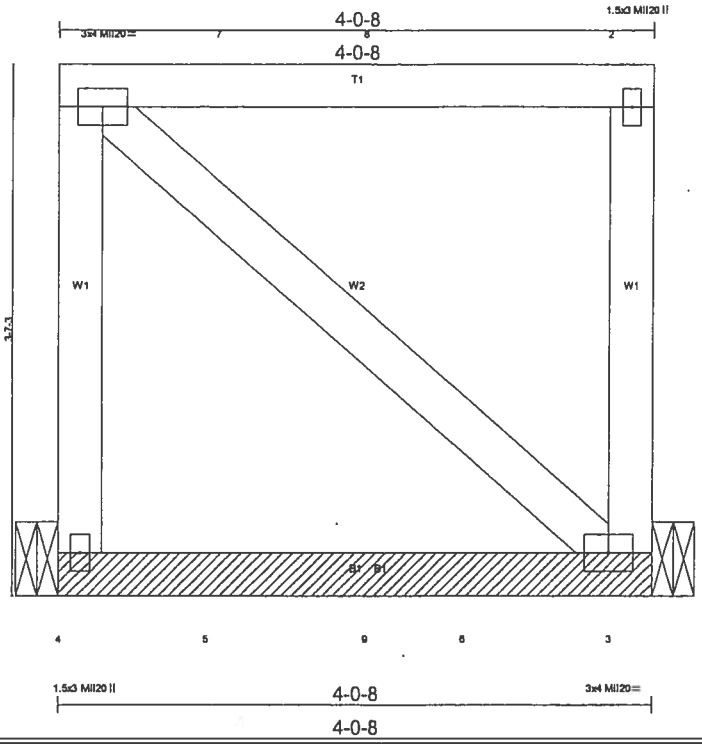
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-40
Concentrated Loads (lb)
Vert: 5=-219(B) 7=-219(B)



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	MT3	SPECIAL	2	2	Job Reference (optional)

0025 - 1

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:04:00 2006 Page 1



Scale = 1:15.7

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.09	Vert(LL)	-0.00	3-4	>999	360	MII20	249/190
TCDL	10.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.01	3-4	>999	240		
BCLL	10.0	Rep Stress Incr	NO	WB	0.02	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 68 lb.	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3
LBR SCAB 3-4 2 X 4 SYP M 14 one side

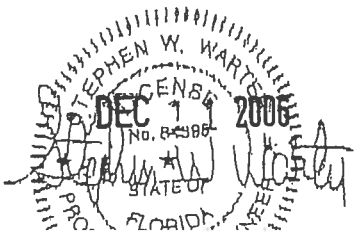
BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=155/Mechanical, 3=164/Mechanical
Max Horz 4=-170(load case 3)
Max Uplift 4=-134(load case 4), 3=-136(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-95/153, 1-7=-37/48, 7-8=-37/48, 2-8=-37/48, 2-3=-100/80
BOT CHORD 4-5=-122/133, 5-9=-122/133, 6-9=-122/133, 3-6=-122/133
WEBS 1-3=-113/113

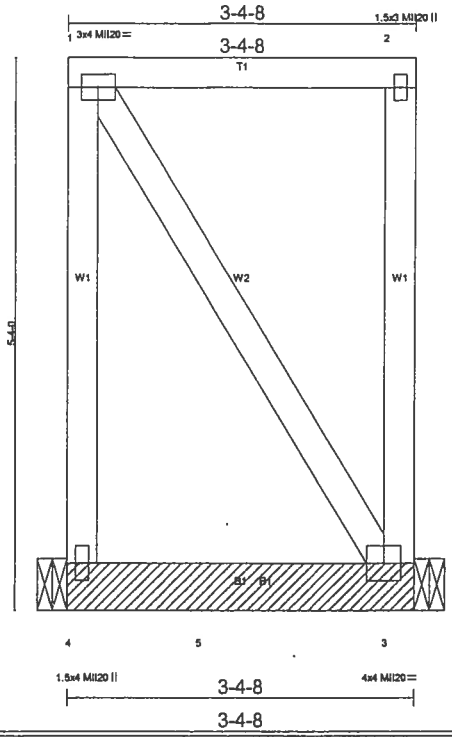
NOTES
1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 134 lb uplift at joint 4 and 136 lb uplift at joint 3.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 5 lb down and 25 lb up at 1-2-12, and 5 lb down and 25 lb up at 2-2-12 on top chord, and 13 lb up at 1-2-12, and 13 lb up at 2-2-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-40
Concentrated Loads (lb)
Vert: 5=13(F) 7=15(F) 8=15(F) 9=13(F)



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	MT2	SPECIAL	1	1	0026 - 1 Job Reference (optional)

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:04:00 2006 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.00	TC 0.35	Vert(LL) -0.01 3-4 >999 360	MII20 249/190
TCDL 10.0	Lumber Increase 1.25	BC 0.15	Vert(TL) -0.01 3-4 >999 240	
BCLL 10.0	Rep Stress Incr NO	WB 0.14	Horz(TL) 0.00 3 n/a n/a	
BCDL 10.0	Code FBC2004/TPI2002	(Matrix)		Weight: 42 lb

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 6 SYP M 14
WEBS 2 X 4 SYP No.3

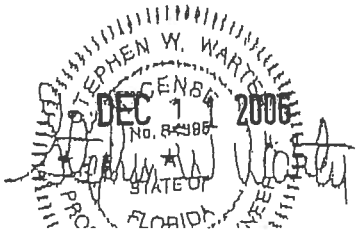
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=283/Mechanical, 3=245/Mechanical
Max Horz 4=-255(load case 3)
Max Uplift4=-404(load case 3), 3=-361(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-136/274, 1-2=-56/72, 2-3=-93/69
BOT CHORD 4-5=-183/199, 3-5=-183/199
WEBS 1-3=-241/241

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
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) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 404 lb uplift at joint 4 and 361 lb uplift at joint 3.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 219 lb down and 248 lb up at 1-5-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

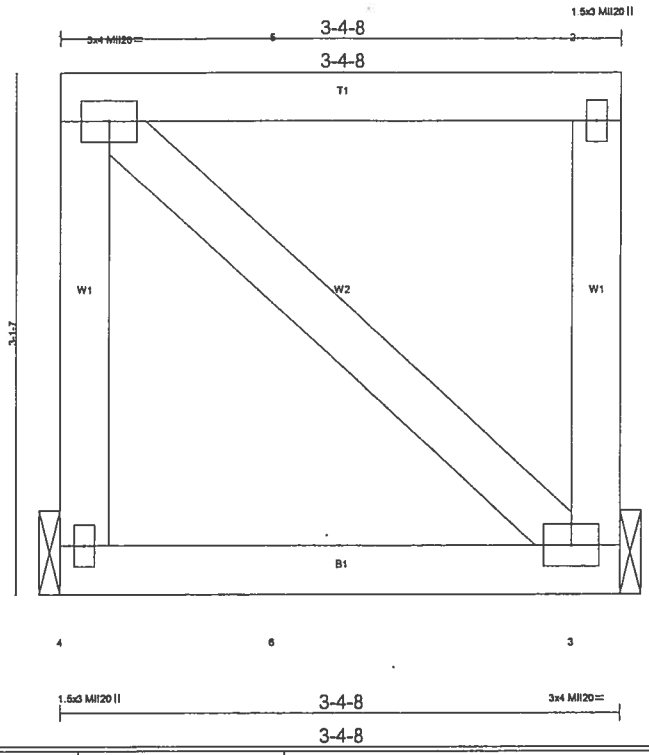
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-40
Concentrated Loads (lb)
Vert: 5=-219(B)



Job	Truss	Truss Type	Qty	Ply	0 0
CHARLESTON	MT4	SPECIAL	1	1	Job Reference (optional)

0027 - 1

Southern Building Products, Auburndale, Florida 33823, JLC — 6.300 s Apr 19 2006 MiTek Industries, Inc. Mon Dec 11 08:04:01 2006 Page 1



Scale = 1:13.9

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.00	TC 0.13	Vert(LL)	-0.00	3-4	>999	360	MII20	249/190
TCDL 10.0	Lumber Increase 1.25	BC 0.08	Vert(TL)	-0.01	3-4	>999	240		
BCLL 10.0	Rep Stress Incr NO	WB 0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL 10.0	Code FBC2004/TPI2002	(Matrix)						Weight: 23 lb	

LUMBER
TOP CHORD 2 X 4 SYP M 14
BOT CHORD 2 X 4 SYP M 14
WEBS 2 X 4 SYP No.3

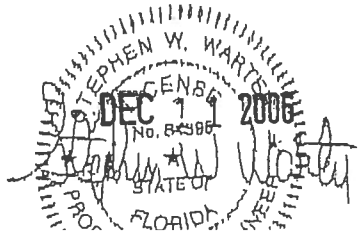
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=144/Mechanical, 3=147/Mechanical
Max Horz 4=-145(load case 3)
Max Uplift4=-119(load case 3), 3=-119(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-4=-86/134, 1-5=-32/41, 2-5=-32/41, 2-3=-88/68
BOT CHORD 4-6=-104/114, 3-6=-104/114
WEBS 1-3=-99/99

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=15ft; TCDL=5.0psf; BCDL=5.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.25 plate grip DOL=1.00.
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) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 4 and 119 lb uplift at joint 3.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3 lb down and 28 lb up at 1-5-0 on top chord, and 7 lb up at 1-5-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-40
Concentrated Loads (lb)
Vert: 5=10(F) 6=7(F)



PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	MASONITE	METAL EDGE STEEL DOORS	4242.1
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP	AMARR	600/950 #513C-580-018	697.16
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	MI WINDOWS & DOORS	740/3740 Insulated ANNEALED	5438.21
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION	MI WINDOWS & DOORS	5766/V43	5513.6
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	ELK CORPORATION	PRESTIQUE I 30YR	728.2
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	SIMPSON STRONGTIE	SEE PLANS	
B. WOOD ANCHORS	SIMPSON STRONGTIE	SEE PLANS	
C. TRUSS PLATES	SIMPSON STRONGTIE	SEE PLANS	
D. INSULATION FORMS			
E. LINTELS	CAST-CRETE	HIGH STRENGTH CONCRETE LINTELS	158.1
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE

12/19/06
DATE

wrightsoft

Load Short Form
AHP-BROWN 2
SUPERIOR AIR CONDITIONING AND HEATING INC.

Job:
Date: Dec 19, 2006
By:

PO BOX 4491, OCALA, FL 34478 Phone: 352-237-5535 Fax: 352-237-5535 Email: SUPERIORAIRCONDITIONING@COX.NET

Project Information

For: AMERICAS HOME PLACE
OCALA,

Design Information

	Htg	Clg
Outside db (°F)	34	93
Inside db (°F)	70	75
Design TD (°F)	36	18
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	50

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make Ruud
Trade Ruud UPNE Series
Model UPNE-018J*Z

Efficiency	8.5 HSPF	
Heating input		
Heating output	17300	Btuh @ 47°F
Temperature rise	26	°F
Actual air flow	613	cfm
Air flow factor	0.060	cfm/Btuh
Static pressure	0.65	in H2O
Space thermostat		

COOLING EQUIPMENT

Make Ruud
Trade Ruud UPNE Series
Cond UPNE-018J*Z
Coil UHSA-HM1817+RCSA-H*2417A*

Efficiency	13 SEER	
Sensible cooling	12880	Btuh
Latent cooling	5520	Btuh
Total cooling	18400	Btuh
Actual air flow	613	cfm
Air flow factor	0.055	cfm/Btuh
Static pressure	0.65	in H2O
Load sensible heat ratio	0.81	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
BED 2	304	4265	5314	258	290
WIC 2	36	283	208	17	11
WIC 3	27	221	162	13	9
LINEN	20	0	0	0	0
BED 3	293	4176	4658	252	254
HALL BATH	25	415	286	25	16
HALL-STAIRS	126	788	611	48	33
AHP-BROWN 2	831	10147	11240	613	613
Other equip loads		996	498		
Equip. @ 0.98 RSM			11503		
Latent cooling			2812		
TOTALS	831	11143	14315	613	613

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

Duct System Summary
AHP-BROWN 2

Job:
Date: Dec 19, 2006
By:

SUPERIOR AIR CONDITIONING AND HEATING INC.

PO BOX 4491, OCALA, FL 34478 Phone: 352-237-5535 Fax: 352-237-5535 Email: SUPERIORAIRCONDITIONING@COX.NET

Project Information

For: AMERICAS HOME PLACE
OCALA,

	Heating	Cooling
External static pressure	0.65 in H2O	0.65 in H2O
Pressure losses	0.31 in H2O	0.31 in H2O
Available static pressure	0.34 in H2O	0.34 in H2O
Supply / return available pressure	0.23 / 0.11 in H2O	0.23 / 0.11 in H2O
Lowest friction rate	0.162 in/100ft	0.162 in/100ft
Actual air flow	613 cfm	613 cfm
Total effective length (TEL)	210 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
BED 2-A	c 2641	129	142	0.172	7	0x0	VlFx	17.0	115.0	st2
BED 2	c 2641	129	142	0.166	7	0x0	VlFx	21.3	115.0	st2
WIC 2	h 283	17	11	0.163	4	0x0	VlFx	23.7	115.0	st2
WIC 3	h 221	13	9	0.162	4	0x0	VlFx	24.8	115.0	st1
BED 3-A	h 2088	126	124	0.170	7	0x0	VlFx	18.1	115.0	st1
BED 3	h 2088	126	124	0.173	7	0x0	VlFx	16.1	115.0	st1
HALL BATH	c 551	25	30	0.229	4	0x0	VlFx	4.0	95.0	
HALL-STAIRS	h 788	48	33	0.231	4	0x0	VlFx	3.2	95.0	

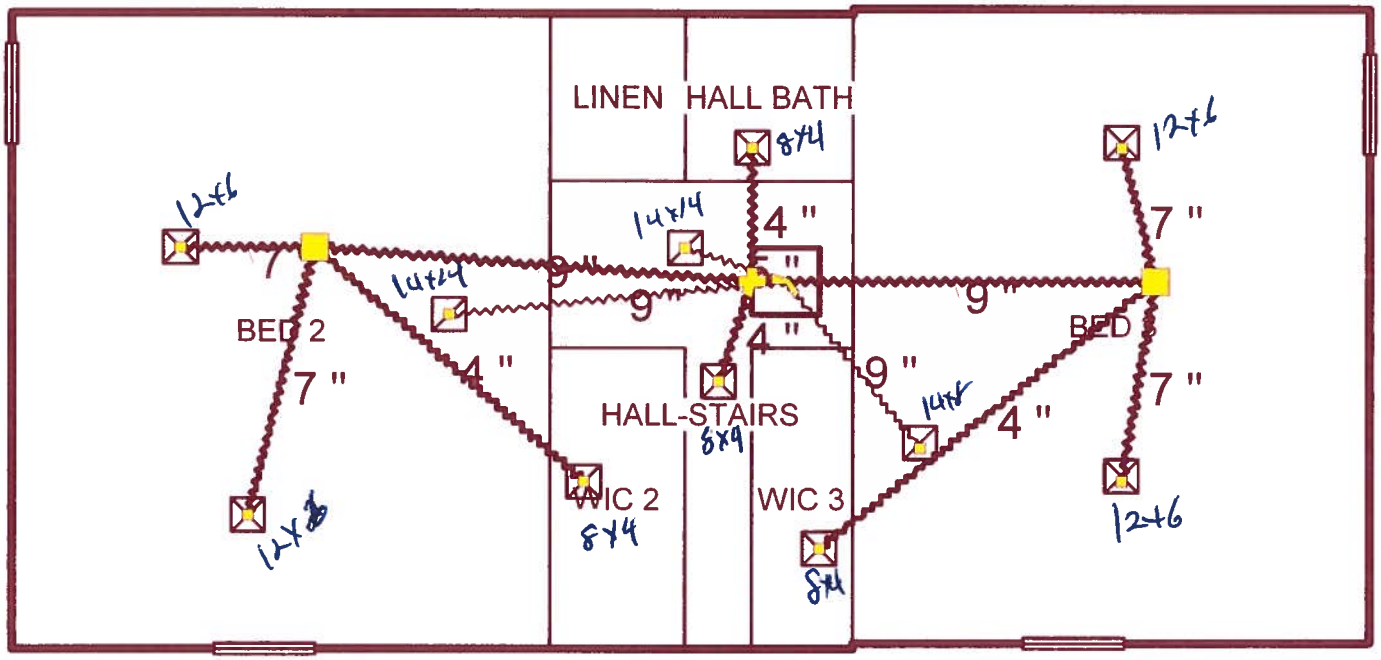
Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	266	257	0.162	601	9	0 x 0	VinlFlx	
st2	Peak AVF	275	294	0.163	666	9	0 x 0	VinlFlx	

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb7	0x0	266	257	26.4	0.430	601	9	0x 0		VlFx	
rb4	0x0	73	62	63.2	0.180	533	5	0x 0		VlFx	
rb6	0x0	275	294	70.0	0.162	666	9	0x 0		VlFx	

AHP-BROWN 2


LINEN
HALL BATH
8x4
12x6
14x14
4 "
7 "
9 "
BED 2
7 "
4 "
HALL-STAIRS
8x9
WIC 2
8x4
WIC 3
8x4
9 "
14x8
4 "
BED
7 "
12x6
12x6

GEO-TECH, INC.
ENGINEERING CONSULTANTS IN GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION MATERIALS TESTING

January 22, 2007
Project No. 07139.70

Ms. Terry Cummings
Americas Home Place
3101 SW 34th Avenue, Suite 902
Ocala, Florida 34474

Project: Brown Residence, 350 Cumberland Street, Ft. White, Columbia County, Florida
Soil Bearing Capacity

Dear Ms. Cummings:

As requested, Geo-Technologies, Inc. (GTI) visited the above referenced project site on January 18, 2007. The purpose of our visit was to perform static cone penetrometer readings in the proposed building area to determine soil bearing capacities. Six (6) borings with penetrometer readings were performed to depths of about four (4) feet below existing site grade. Based on the results of the penetrometer readings, the maximum allowable bearing capacity of the soils found on site is approximately 2,500 pounds per square foot.

GTI trusts this report is sufficient to meet your immediate needs. Should you have any questions concerning this report or if we may be of further assistance, please do not hesitate to contact the undersigned.

Sincerely,

Eric Lukas
Project Manager

David A. Cappa, P.E.
Florida Registration No. 58334

EL/DAC/paw

E|S|G Engineering Services Group, Inc.
1299 W. Fairbanks Ave. Suite B. Winter Park, FL 32789 (407) 740-7111 / fax (407) 740-7656
229 S. Osprey Ave. Apt. 102 Sarasota, FL 34236 (941) 953-9711 / fax (941) 953-4711
359-B W. Alfred St. Tavares, Fl 32778 (352) 343-7891 / fax (352) 343-7892

To: Building Department
Subject: Field Revisions
Project: Brown Residence

Dear Building Official:

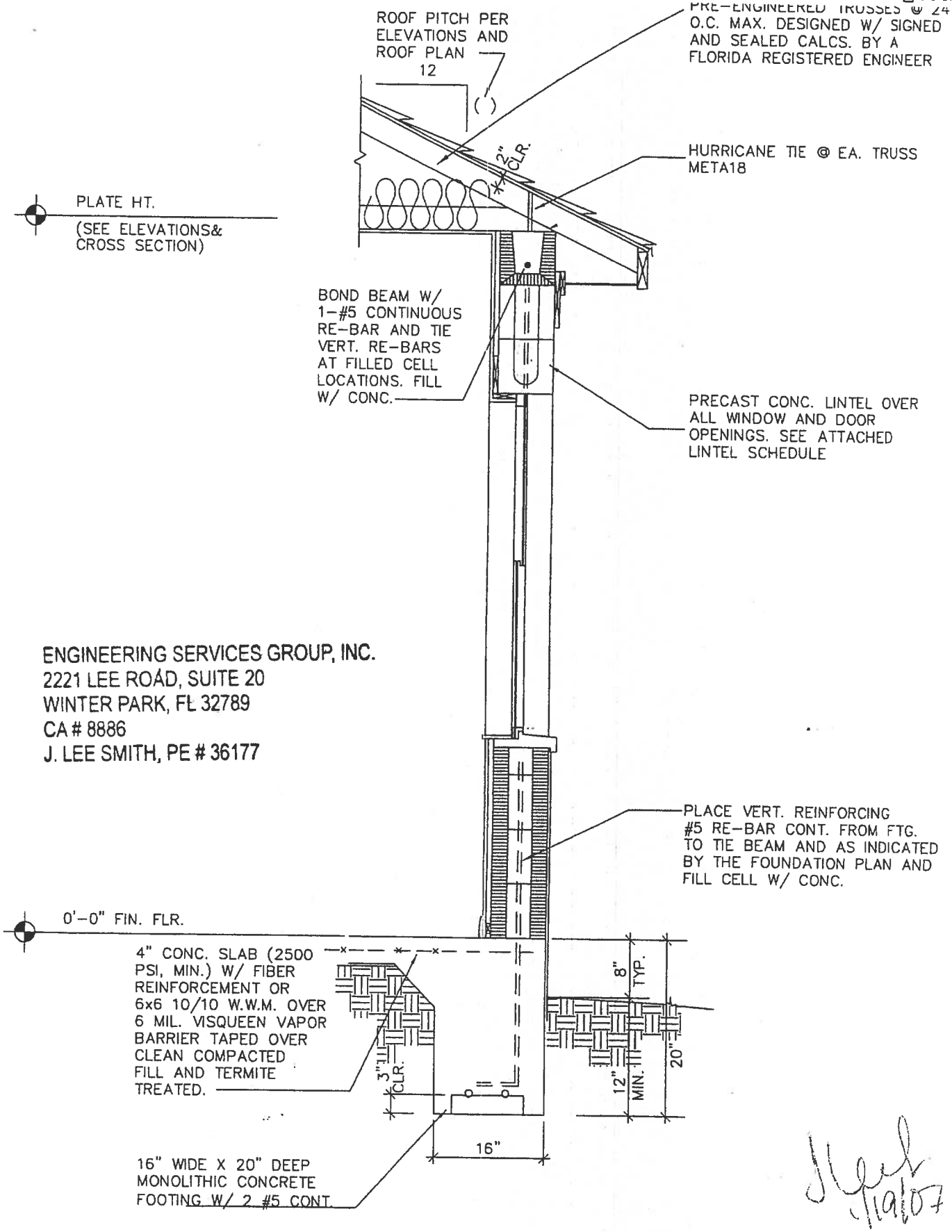
In lieu of the original plan specifications, we have reviewed the subject / project and approve of the following:

1. Mono footing per attached detail.

If you have any questions please call me at the Winter Park office.

Thank you,

J. Lee Smith
FL PE# 36177
01-19-07



ENGINEERING SERVICES GROUP, INC.
2221 LEE ROAD, SUITE 20
WINTER PARK, FL 32789
CA # 8886
J. LEE SMITH, PE # 36177

1/19/07

B-6

One Story Typ. Wall Section

N.T.S.

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 15-7S-16-04226-132 **Building permit No.** 000025457

Use Classification SFD,UTILITY **Fire:** 53.95

Permit Holder AMERICA'S HOME PLACE **Waste:** 83.75

Owner of Building JOHN & LINDA BROWN **Total:** 137.70

Location: 350 SW CUMBERLAND ST, FT. WHITE, FL

Date: 05/17/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)