

DATE 05/24/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000025845

APPLICANT	JACOB KIRSCH	PHONE	755-2082
ADDRESS	147 SW WATERFORD COURT	LAKE CITY	FL 32025
OWNER	SOUTHERN DEVELOPERS	PHONE	755-2082
ADDRESS	253 SW MORNING GLORY DR	LAKE CITY	FL 32024
CONTRACTOR	JACOB KIRSCH	PHONE	755-2082
LOCATION OF PROPERTY	247S, TL ON CALLAHAN, TR ON ROLLING MEADOWS, 7TH LOT ON RIGHT		
TYPE DEVELOPMENT	SFD, UTILITY	ESTIMATED COST OF CONSTRUCTION	85100.00
HEATED FLOOR AREA	1702.00	TOTAL AREA	2143.00
HEIGHT		STORIES	1
FOUNDATION	CONC	WALLS	FRAMED
ROOF PITCH	7/12	FLOOR	SLAB
LAND USE & ZONING	RSF-2	MAX. HEIGHT	20
Minimum Set Back Requirements:	STREET-FRONT	25.00	REAR 15.00
SIDE	10.00		
NO. EX.D.U.	0	FLOOD ZONE	X PP
DEVELOPMENT PERMIT NO.			
PARCEL ID	15-4S-16-03023-507	SUBDIVISION	ROLLING MEADOWS
LOT	7	BLOCK	
PHASE		UNIT	
TOTAL ACRES			

000001386	CBC1253775		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
CULVERT	07-319	BK	JH
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance
			New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

PLAT REQUIRES FINISH FLOOR TO BE AT 102.0 FT, ELEVATION LETTER

REQUIRED BEFORE SLAB Check # or Cash 11121

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$	430.00	CERTIFICATION FEE \$	10.71	SURCHARGE FEE \$	10.71
MISC. FEES \$	0.00	ZONING CERT. FEE \$	50.00	FIRE FEE \$	0.00
WASTE FEE \$					
FLOOD DEVELOPMENT FEE \$		FLOOD ZONE FEE \$	25.00	CULVERT FEE \$	25.00
				TOTAL FEE	551.42
INSPECTORS OFFICE			CLERKS OFFICE		

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

For Office Use Only Application # 0704-71 Date Received 4/26/07 By G Permit # 1386/25845
 Application Approved by - Zoning Official BLK Date 05.05.07 Plans Examiner DKJH Date 4-30-07
 Flood Zone X P plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dev
 Comments Plat Requires Finish Floor to be at 102.0 ft. Elevation letter Required
☐ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Jacob Kirsch Phone 386-755-2082
 Address 147 SW Waterford Ct. #106, Lake City, FL 32025
 Owners Name Compass Builders Southeast Developers Phone 386-755-2082
 911 Address 253 SW Morning Glory Dr, Lake City, FL 32024
 Contractors Name Jacob Kirsch, Compass Builders Phone 386-755-2082
 Address 147 SW Waterford Ct. #106, Lake City, FL 32025
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address Mark Pisoway, Midtown Pl, Lake City, FL
 Mortgage Lenders Name & Address Columbia Bank, Turner rd. Lake City, FL
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 15-45-16-03023-507 Estimated Cost of Construction 90,000
 Subdivision Name Rolling Meadows Lot 7 Block _____ Unit _____ Phase _____
 Driving Directions Hwy 247, S to Callahan, TL, follow to Rolling Meadows, TR, 7th lot on Right.
Morning Glory
 Type of Construction Wood frame SFD Number of Existing Dwellings on Property _____
 Total Acreage .5 Lot Size .5 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 40' Side 23' Side 21' Rear 61'
 Total Building Height 20' Number of Stories 1 Heated Floor Area 1702 Roof Pitch 7/12
TOTAL 2,143

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 COMMENCEMENT 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.

Owner Builder or Authorized Person by Notarized Susan Howell Contractor Signature _____
 STATE OF FLORIDA Notary Public - State of Florida Contractors License Number C13C 1253775
 COUNTY OF COLUMBIA My Commission Expires Jun 11, 2007 Competency Card Number _____
 Commission # DD197424 NOTARY STAMP/SEAL
 Bonded By National Notary Assn.
 Sworn to (or affirmed) and subscribed before me _____
 this 26th day of April 2007.
 Personally known ☒ or Produced Identification _____
 Notary Signature _____ (Revised Sept. 2006)

Corporate Warranty Deed

This Indenture, made this December 4, 2006 A.D.

Between

Burbach Investment Group, LLC, a Florida Limited Liability Company,
whose post office address is: 507 W. Duval Street, Lake City, FL 32055; Grantor
and Southeast Developers Group, Inc., a Florida Corporation whose post office
address is: 197 SW Waterford Court, Lake City, Florida 32025

Witneseth, that the said Grantor, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), to it in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee forever, the following described land, situate, lying and being in the County of Columbia, State of Florida, to wit:

Lots 7, 48, 50, 52, and 54, ROLLING MEADOWS, according to the Plat thereof, recorded in Plat Book 8, Pages 45 and 46, of the Public Records of Columbia County, Florida.

Subject to taxes for the current year, covenants, restrictions and easements of record, if any.

Parcel Identification Number: R03023-507, R03023-548, R03023-550, R03023-552, and R03023-554

And the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2006.

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name by its duly authorized officer and caused its corporate seal to be affixed the day and year first above written.

Burbach Investment Group, LLC
a Florida Limited Liability Company

Signed and Sealed in Our Presence:

By: Thomas P Cady
Thomas P Cady, Manager

Witness Print Name: Matthew D. Rocco

Witness Print Name: Melinda M. Weaver
MELINDA WEAVER

State of Florida
County of Columbia

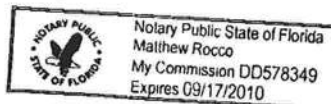
The foregoing instrument was acknowledged before me this 4th day of December, 2006, by Thomas P Cady, Manager of Burbach Investment Group, LLC, a Florida Limited Liability Company, on behalf of the company.
He is personally known to me or has produced _____ as identification.

Notary Public
Notary Printed Name: _____

My Commission Expires: _____

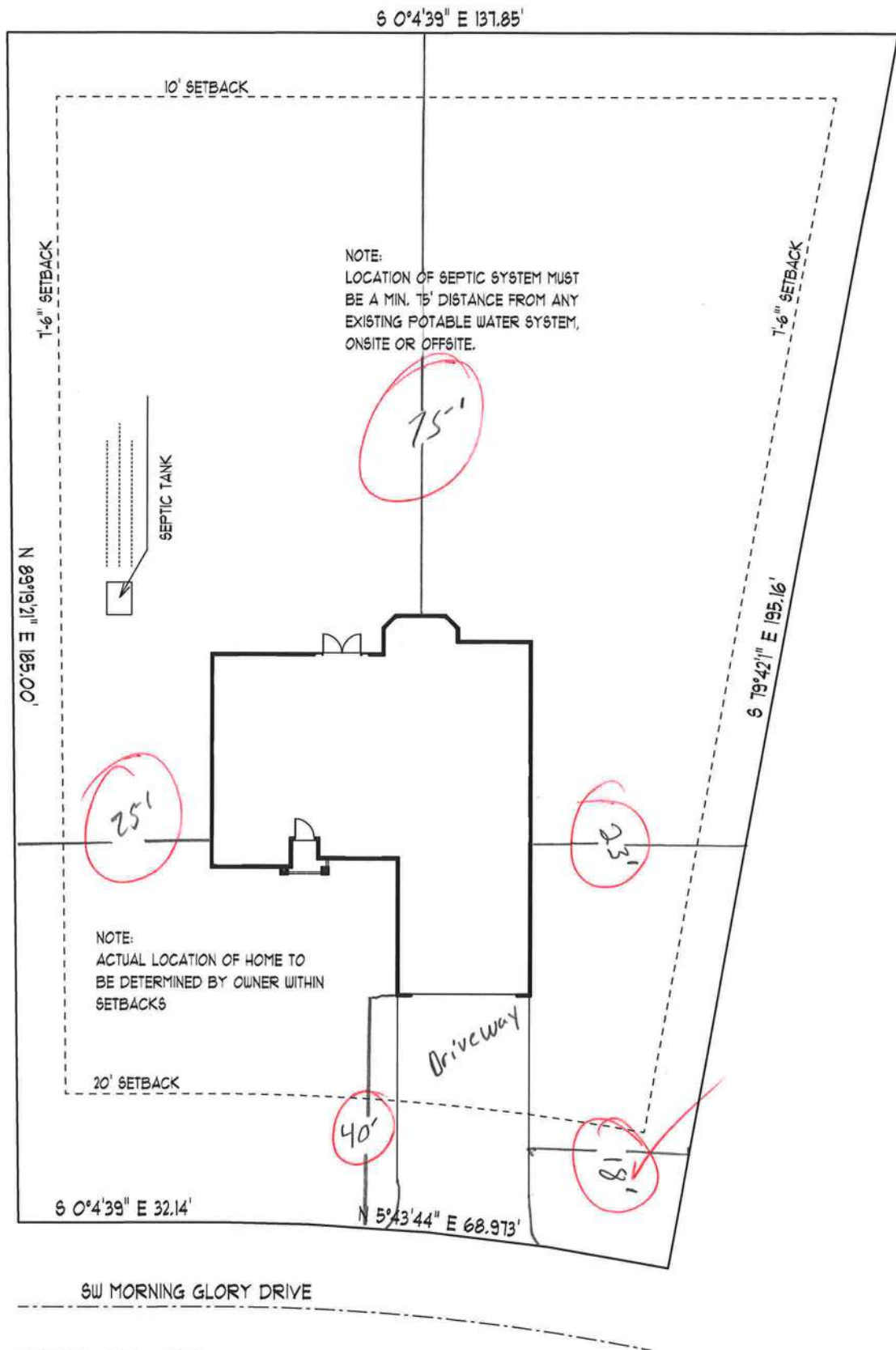
#06-0389

Prepared by & Return to:
Matt Rocco
Sierra Title, LLC,
619 SW Baya Drive, Suite 102
Lake City, Florida 32025



Inst: 2006028778 Date: 12/06/2006 Time: 12:42
Doc Stamp-Deed : 1400.00
S.D. DC, P. Dewitt Cason, Columbia County B: 1104 P: 327

15-45-16-03023-507



SITE PLAN

SCALE: 1" = 20'

ROLLING MEADOWS

LOT# 1



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

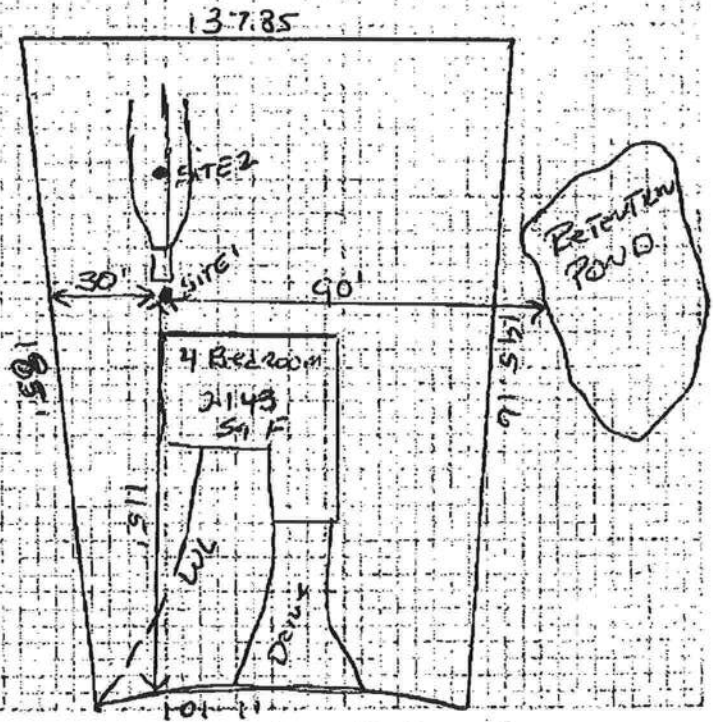
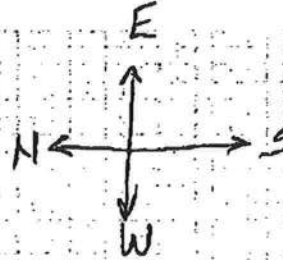
Permit Application Number

07-319

PART II - SITE PLAN

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

Lot 7 Rolling
meadows



Notes:

253 SW morning Glory DR.

Site Plan submitted by:

Robert W. Jell
Signature

Agua
Title

Plan Approved ☒

Not Approved ☐

Date 4/26/07

By

M. O. B.

Columb

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	The Breanna 1700	Builder:	Compass Builders
Address:	Lot: 7, Sub: Rolling Meadows, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL	Permit Number:	25845
Owner:	Compass Builders	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1704 ft²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 30.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 189.0 ft²		HSPF: 7.20
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 189.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 181.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1368.0 ft²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 170.0 ft²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1704.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 120.0 ft		
b. N/A			

Glass/Floor Area: 0.16

Total as-built points: 27264

Total base points: 29171

PASS

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

PREPARED BY: [Signature]

DATE: 4-12-07

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Rolling Meadows, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1704.0	20.04	6146.7	Double, Clear	W	1.5	4.0	10.5	38.52	0.82	330.7
				Double, Clear	W	6.0	3.0	4.5	38.52	0.41	70.9
				Double, Clear	W	1.5	8.0	42.0	38.52	0.96	1550.2
				Double, Clear	N	1.5	6.0	10.0	19.20	0.94	180.2
				Double, Clear	N	1.5	6.0	20.0	19.20	0.94	360.4
				Double, Clear	S	1.5	6.0	20.0	35.87	0.86	614.2
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8
				Double, Clear	E	1.5	6.0	20.0	42.06	0.91	767.9
				Double, Clear	E	1.5	7.0	90.0	42.06	0.94	3552.3
				Double, Clear	NE	1.5	7.0	12.0	29.56	0.94	334.8
				Double, Clear	SE	1.5	7.0	12.0	42.75	0.92	471.3
				As-Built Total:				271.0		9384.7	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM		= Points		
Adjacent	170.0	0.70	119.0	Frame, Wood, Exterior	13.0		1368.0	1.50	2052.0		
Exterior	1368.0	1.70	2325.6	Frame, Wood, Adjacent	13.0		170.0	0.60	102.0		
Base Total:		1538.0	2444.6	As-Built Total:		1538.0		2154.0			
DOOR TYPES Area X BSPM = Points				Type			Area X SPM		= Points		
Adjacent	18.0	2.40	43.2	Exterior Insulated			40.0	4.10	164.0		
Exterior	40.0	6.10	244.0	Adjacent Insulated			18.0	1.60	28.8		
Base Total:		58.0	287.2	As-Built Total:		58.0		192.8			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM		= Points		
Under Attic	1704.0	1.73	2947.9	Under Attic	30.0		1704.0	1.73 X 1.00	2947.9		
Base Total:		1704.0	2947.9	As-Built Total:		1704.0		2947.9			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM		= Points		
Slab	181.0(p)	-37.0	-6697.0	Slab-On-Grade Edge Insulation	0.0		181.0(p)	-41.20	-7457.2		
Raised	0.0	0.00	0.0								
Base Total:		-6697.0		As-Built Total:		181.0		-7457.2			
INFILTRATION Area X BSPM = Points						Area X SPM		= Points			
	1704.0	10.21	17397.8			1704.0	10.21	17397.8			

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 7, Sub: Rolling Meadows, Plat: , Lake City, FL,

PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 22527.2			Summer As-Built Points: 24620.0					
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
22527.2	0.4266	9610.1	(sys 1: Central Unit 30000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 24620 1.00 (1.09 x 1.147 x 0.91) 0.263 1.000 7353.8 24620.0 1.00 1.138 0.263 1.000 7353.8					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Rolling Meadows, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1704.0	12.74	3907.6	Double, Clear	W	1.5	4.0	10.5	20.73	1.05	229.2
				Double, Clear	W	6.0	3.0	4.5	20.73	1.22	114.0
				Double, Clear	W	1.5	8.0	42.0	20.73	1.01	880.3
				Double, Clear	N	1.5	6.0	10.0	24.58	1.00	246.4
				Double, Clear	N	1.5	6.0	20.0	24.58	1.00	492.7
				Double, Clear	S	1.5	6.0	20.0	13.30	1.12	297.2
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	E	1.5	6.0	20.0	18.79	1.04	389.2
				Double, Clear	E	1.5	7.0	90.0	18.79	1.03	1736.3
				Double, Clear	NE	1.5	7.0	12.0	23.57	1.00	283.9
				Double, Clear	SE	1.5	7.0	12.0	14.71	1.07	188.7
				As-Built Total:				271.0		5441.6	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	170.0	3.60	612.0	Frame, Wood, Exterior	13.0		1368.0	3.40	4651.2		
Exterior	1368.0	3.70	5061.6	Frame, Wood, Adjacent	13.0		170.0	3.30	561.0		
Base Total:		1538.0	5673.6	As-Built Total:		1538.0		5212.2			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	18.0	11.50	207.0	Exterior Insulated			40.0	8.40	336.0		
Exterior	40.0	12.30	492.0	Adjacent Insulated			18.0	8.00	144.0		
Base Total:		58.0	699.0	As-Built Total:		58.0		480.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1704.0	2.05	3493.2	Under Attic	30.0		1704.0	2.05 X 1.00	3493.2		
Base Total:		1704.0	3493.2	As-Built Total:		1704.0		3493.2			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	181.0(p)	8.9	1610.9	Slab-On-Grade Edge Insulation	0.0		181.0(p)	18.80	3402.8		
Raised	0.0	0.00	0.0								
Base Total:		1610.9		As-Built Total:		181.0		3402.8			
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		1704.0	-0.59			1704.0		-0.59		-1005.4	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Rolling Meadows, Plat: , Lake City, FL,

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 14379.0			Winter As-Built Points: 17024.5					
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
14379.0	0.6274	9021.4	(sys 1: Electric Heat Pump 30000 btuh , EFF(7.2) Ducts:Unc(S),Unc(R),Int(AH),R6.0 17024.5 1.000 (1.069 x 1.169 x 0.93) 0.474 1.000 9370.7					
14379.0	0.6274	9021.4	17024.5	1.00	1.162	0.474	1.000	9370.7

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Rolling Meadows, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank Volume	EF	Number of Bedrooms	X Tank X Ratio	Multiplier X Credit Multiplier	= Total
Number of Bedrooms	X	Multiplier	= Total						
4		2635.00	10540.0	50.0	0.92	4	1.00	2635.00	1.00 10540.0
				As-Built Total:					10540.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
9610		9021		10540		29171	
				7354		9371	
				10540		27264	

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Rolling Meadows, Plat: , Lake City, FL,

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.0

The higher the score, the more efficient the home.

Compass Builders, Lot: 7, Sub: Rolling Meadows, Plat: , Lake City, FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	4	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	1704 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area		a. Electric Heat Pump	Cap: 30.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 189.0 ft ²	___		HSPF: 7.20
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 189.0 ft ²	___	c. N/A	___
8. Floor types		___		___
a. Slab-On-Grade Edge Insulation	R=0.0, 181.0(p) ft	___	14. Hot water systems	
b. N/A		___	a. Electric Resistance	Cap: 50.0 gallons
c. N/A		___		EF: 0.92
9. Wall types		___	b. N/A	___
a. Frame, Wood, Exterior	R=13.0, 1368.0 ft ²	___	c. Conservation credits	___
b. Frame, Wood, Adjacent	R=13.0, 170.0 ft ²	___	(HR-Heat recovery, Solar	___
c. N/A		___	DHP-Dedicated heat pump)	___
d. N/A		___	15. HVAC credits	___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	___
10. Ceiling types		___	HF-Whole house fan,	___
a. Under Attic	R=30.0, 1704.0 ft ²	___	PT-Programmable Thermostat,	___
b. N/A		___	MZ-C-Multizone cooling,	___
c. N/A		___	MZ-H-Multizone heating)	___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 120.0 ft	___		___
b. N/A		___		___

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

Builder Signature: _____ Date: _____

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



**NOTE: The home's estimated energy performance 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 EnergyStarTM 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.
EnergyGauge® (Version: FLRCSB v4.0)

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 4/9/2007 DATE ISSUED: 4/11/2007

ENHANCED 9-1-1 ADDRESS:

253 SW MORNING GLORY DR
LAKE CITY FL 32024
PROPERTY APPRAISER PARCEL NUMBER:
15-4S-16-03023-507

Remarks:

LOT 7 ROLLING MEADOWS S/D.

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

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

709

Approved Address

APR 10 2007

911Addressing/GIS Dept

25845

WILLIAM N. KITCHEN

PROFESSIONAL SURVEYOR AND MAPPER

152 N. MARION AVENUE

LAKE CITY, FLORIDA 32055

PHONE (386) 755-7786 FAX (386) 755-5506

E-MAIL BSSK@BELLSOUTH.NET



DATE : 6/15/2007

To Whom It May Concern:

RE: COMPASS BUILDERS
LOT 7 ROLLING MEADOWS

SUBJECT PARCEL # 15-4S-16-03023-507

IS NOT IN A FLOOD ZONE ACCORDING TO FEMA FLOOD INSURANCE RATE
MAP NO. 120070 0175 B DATED JANUARY 6, 1988.
AND THE TOP OF FINISH FLOOR = ELEVATION 102.0 FEET.
LOT 7 PER PLAT SHOWS A MINIMUM FLOOR ELEVATION OF 102.0 FEET.

Thank you,

WILLIAM N. KITCHEN PSM # 5490

William N. Kitchen

6-21-2007



Permit # 25845

758-2160

Return To:
Eddie Anderson
 10-23
 2-23
 11-50
 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: [Signature]
 Date: 5/24/2007

 THIS INSTRUMENT PREPARED BY
 & RETURN TO:
 Columbia Bank
 173 NW Hillsboro Street
 Lake City, FL 32055

 Inst: 2007011510 Date: 05/24/2007 Time: 11:32
 DC, P. Dewitt Cason, Columbia County 8:1120 P:338

NOTICE OF COMMENCEMENT

THE UNDERSIGNED hereby gives notice that: Improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement:

1. Description of Property: Lot 7 Rolling Meadows, according to the Tax Parcel # 15-45-16-03023-507 of the Public Records of Columbia County, Florida.
2. General Description of Improvements: Construction of a single family dwelling.
3. Owner Information: Southeast Developers Group Inc
197 SW Waterford Court Suite 105
Lake City, FL 32023
Phone: 386-755-2082
- Owner's Interest in Property: Fee Simple
4. Contractor: Compass Builders and Associates Corp
197 SW Waterford Court Suite 105
Lake City, FL 32023
Phone: 386-755-2082
5. Lender: Columbia Bank
173 NW Hillsboro Street
Lake City, FL 32055
6. Additional persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
7. Expiration date of Notice of Commencement is one (1) year from the date of recording.

Southeast Developers Group Inc

Joshua A. Nickelson, President

Jacob C. Kirsch, Vice President

STATE OF FLORIDA
COUNTY OF Columbia
 The foregoing instrument was acknowledged before me this 21st day of May, 2007 by
 Joshua A. Nickelson and Jacob C. Kirsch


NOTARY PUBLIC

 Name: [Signature]
 State of Florida at Large
 Personally Known
 Produced Identification:
 Type:
 My Commission Expires:

(SEAL)

(NOC)

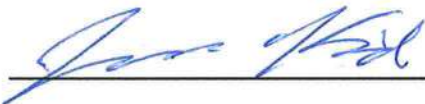
**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000001386**

DATE 05/24/2007 PARCEL ID # 15-4S-16-03023-507
APPLICANT JACOB KIRSCH PHONE 755-2082
ADDRESS 147 SW WATERFORD COURT LAKE CITY FL 32025
OWNER SOUTHERN DEVELOPERS PHONE 755-2082
ADDRESS 253 SW MORNING GLORY DR LAKE CITY FL 32024
CONTRACTOR JACOB KIRSCH PHONE 755-2082
LOCATION OF PROPERTY 247S, TL ON CALLAHAN, TR ON ROLLING MEADOWS, 7TH LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROLLING MEADOWS 7

SIGNATURE



INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

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

Amount Paid 25.00





WoodWorks®
SOFTWARE FOR WOOD DESIGN

COMPANY
Mark Disosway, PE 53915
Aug. 10, 2007 15:01:48

PROJECT
Compass Builders
Spec House Lot 7 Rolling Meadows S/D
Rear Header.wwb

Design Check Calculation Sheet

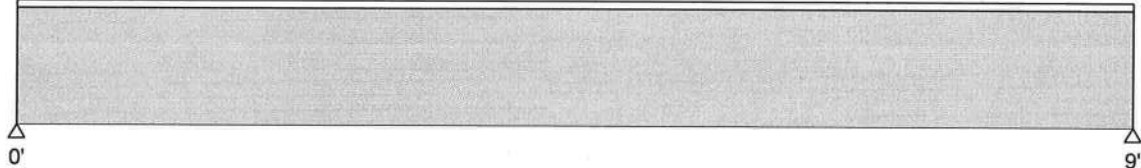
Sizer 2004

Mark Disosway
10 AUG 07

LOADS: (lbs, psf, or plf)

Load	Type	Distribution	Magnitude Start End	Location [ft] Start End	Pattern Load?
Load1	Constr.	Full UDL	288.0		No
Load2	Dead	Full UDL	270.0		No

MAXIMUM REACTIONS (lbs) and BEARING LENGTHS (in) :



Dead	1254		1254
Live	1296		1296
Total	2550		2550
Bearing:			
LC number	2		2
Length	1.5		1.5

Lumber n-ply, S. Pine, No.2, 2x12", 2-Plys

Self Weight of 8.75 plf automatically included in loads;

Lateral support: top= full, bottom= at supports; Load combinations: ICC-IBC;

WAS 2PLY LVL

SECTION vs. DESIGN CODE NDS-2001: (stress=psi, and in)

Criterion	Analysis Value	Design Value	Analysis/Design
Shear	$f_v = 90$	$F_v' = 219$	$f_v/F_v' = 0.41$
Bending(+)	$f_b = 1088$	$F_b' = 1219$	$f_b/F_b' = 0.89$
Live Defl'n	$0.07 = < L/999$	$0.30 = L/360$	0.25
Total Defl'n	$0.18 = L/590$	$0.45 = L/240$	0.41

ADDITIONAL DATA:

FACTORS:	F	CD	CM	Ct	CL	CF	Cfu	Cr	Cft	Ci	Cn	LC#
Fb'+	975	1.25	1.00	1.00	1.000	1.000	1.00	1.00	1.00	1.00	-	2
Fv'	175	1.25	1.00	1.00	-	-	-	-	1.00	1.00	1.00	2
Fcp'	565	-	1.00	1.00	-	-	-	-	1.00	1.00	-	-
E'	1.6 million	1.00	1.00	-	-	-	-	-	1.00	1.00	-	2

Bending(+): LC# 2 = D+C, M = 5738 lbs-ft

Shear : LC# 2 = D+C, V = 2550, V design = 2019 lbs

Deflection: LC# 2 = D+C EI= 284.76e06 lb-in²/ply

Total Deflection = 1.50(Dead Load Deflection) + Live Load Deflection.

(D=dead L=live S=snow W=wind I=impact C=construction CLd=concentrated)

(All LC's are listed in the Analysis output)

DESIGN NOTES:

- Please verify that the default deflection limits are appropriate for your application.
- Sawn lumber bending members shall be laterally supported according to the provisions of NDS Clause 4.4.1.
- BUILT-UP BEAMS: it is assumed that each ply is a single continuous member (that is, no butt joints are present) fastened together securely at intervals not exceeding 4 times the depth and that each ply is equally top-loaded. Where beams are side-loaded, special fastening details may be required.

REPAIR TO CHANGE BOTTOM CHORD PROFILE AS SHOWN.

FIELD REPAIR MUST COMPLY WITH ALPINE DESIGNS AND SPECIFICATIONS.

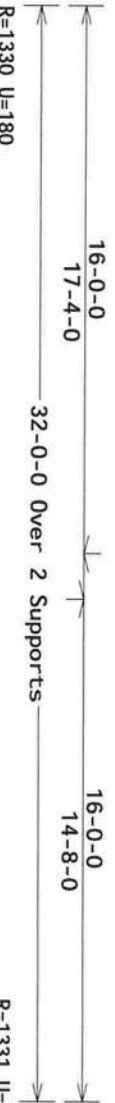
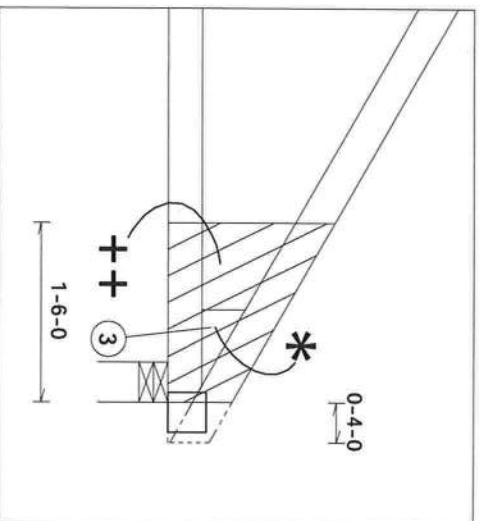
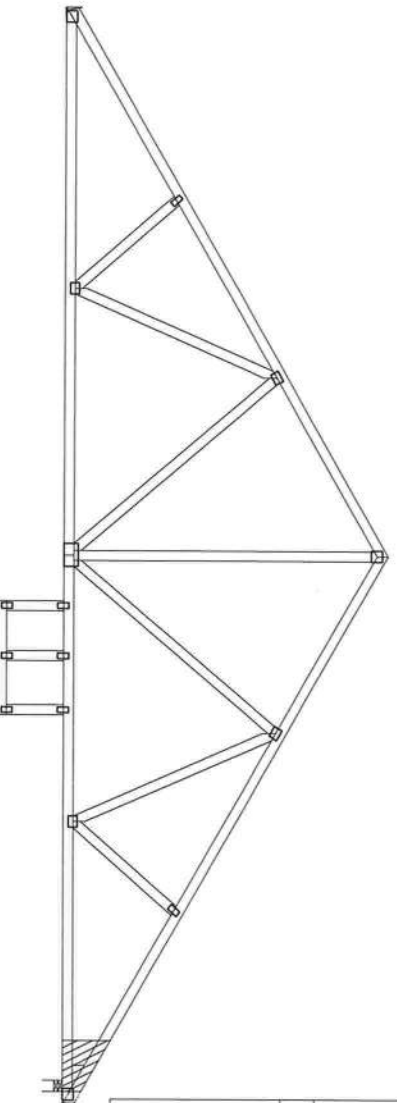
Refer To Drawing HCUSR215 07100084 For Details Not Shown On This Drawing.

++(2)-3/4" (NOM.)X(SEE DRAWING FOR DIMENSIONS AS SHOWN) APA 48/24 RATED SHEATHING (PLYWOOD OR OSB) GUSSET (CUT TO FIT). ATTACH ONE GUSSET TO EACH FACE OF TRUSS WITH 2 ROWS OF (0.131"x2.5") GUN NAILS @ 4.0" O.C. STAGGERED 2" IN EACH ROW THROUGHOUT ALL MEMBERS WITHOUT SPLITTING LUMBER. MINIMUM AMOUNT OF NAILS SHOWN IN CIRCLED NUMBERS.

* NEW MEMBERS ADDED
2x6 SP #3: WEDGE. ATTACH TO TRUSS WITH PLYWOOD AS SPECIFIED.

Prior to and during repair operation, this truss and any supported spans must be temporarily braced and shored. The design and positioning of such shall be designed and supplied by others.

**NOTE: USE A SHARP SAW BLADE TO CAREFULLY CUT THE MEMBER AS SHOWN. NOTE: KERP CUTS MAY NOT BE CROSSED AND NO LUMBER DEFECTS (KNOTS, WANE, ECT.) MAY OCCUR IN THE NOTCHED PIECE.



R=1331 U=180 W=4"

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TP1-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0)

7.25.0503.00

QTY: 1

FL/-/5/-/-/R/-

Scale = .1875"/Ft.

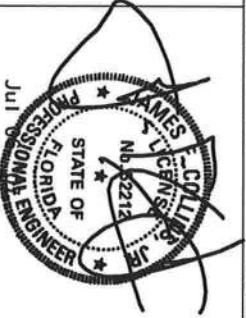
TRUSS REPAIR

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE, IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD.

REPAIR WORK SHOWN ON THIS DRAWING APPLIES ONLY TO THOSE SECTIONS OF THE TRUSS REPORTED BY THE TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. A QUALIFIED THIRD PARTY INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE. IF ANY, AND VERIFY THAT REPAIRS HAVE BEEN PERFORMED AS INDICATED ON THIS DRAWING.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF R215-- 30527
TC DL	10.0 PSF	DATE 07/06/07
BC DL	10.0 PSF	DRW HCUSR215 07187005
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT. LD.	40.0 PSF	SEQN- 173403
DUR. FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T8S215_Z04

TYPICAL REPAIR FOR THE FOLLOWING TRUSSES:
REPAIR TO STUB RIGHT SIDE OF TRUSS 4" AS SHOWN.

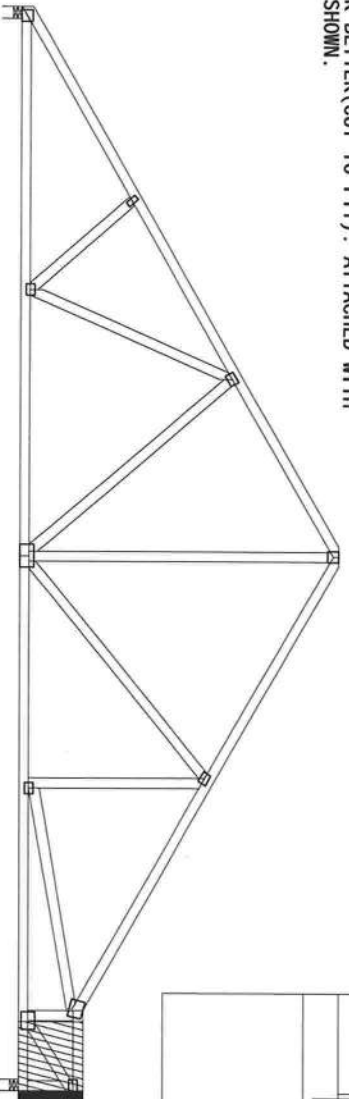
FIELD REPAIR MUST COMPLY WITH ALPINE DESIGNS AND SPECIFICATIONS.

Refer To Drawing HCUSR215 07100057 (A13)
Refer To Drawing HCUSR215 07100058 (A14)
Refer To Drawing HCUSR215 07100059 (A15)
Refer To Drawing HCUSR215 07100060 (A16)
Refer To Drawing HCUSR215 07100061 (A17)
Refer To Drawing HCUSR215 07100062 (A18)

For Details Not Shown On This Drawing.

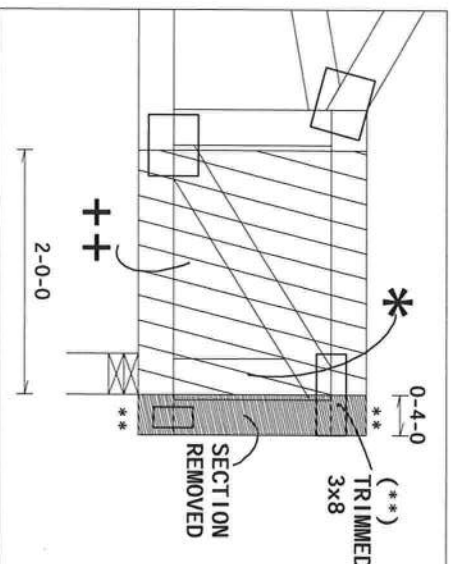
++(2)-3/4" (NOM.)X(SEE DRAWING FOR DIMENSIONS AS SHOWN) APA 48/24 RATED SHEATHING (PLYWOOD OR OSB) GUSSET (CUT TO FIT). ATTACH ONE GUSSET TO EACH FACE OF TRUSS WITH 2 ROWS OF (0.131"X2.5") GUN NAILS @ 4.0" O.C. STAGGERED 2" IN EACH ROW THROUGHOUT ALL MEMBERS WITHOUT SPLITTING LUMBER.

*NEW MEMBERS ADDED:
2X4 SP #2 OR BETTER(CUT TO FIT). ATTACHED WITH GUSSETS AS SHOWN.



Prior to and during repair operation, this truss and any supported spans must be temporarily braced and shored. The design and positioning of such shall be designed and supplied by others.

**NOTE: USE A SHARP SAW BLADE TO CAREFULLY CUT THE MEMBER AS SHOWN. NOTE: KERF CUTS MAY NOT BE CROSSED AND NO LUMBER DEFECTS (KNOTS, WANE, ECT.) MAY OCCUR IN THE NOTCHED PIECE.



R=1337 U=180 W=4"

R=1324 U=180 W=4"

PLT TYP. Wave

Design Crit: TP1-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7.25.0503.00

QTY:1

FL/-/5/-/-/R/-

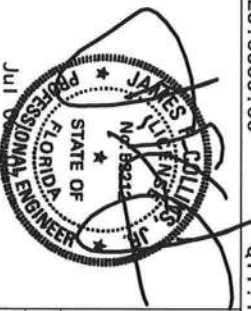
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ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE RELIABLY DETECTED. THEREFORE, IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD.

REPAIR WORK SHOWN ON THIS DRAWING APPLIES ONLY TO THOSE SECTIONS OF THE TRUSS REPORTED BY THE TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. A QUALIFIED THIRD PARTY INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE. IF ANY, AND VERIFY THAT REPAIRS HAVE BEEN PERFORMED AS INDICATED ON THIS DRAWING.



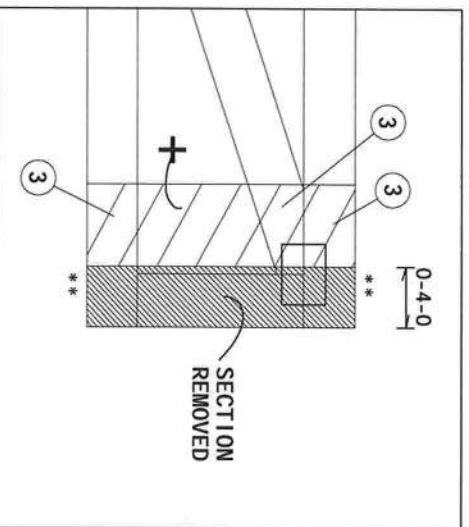
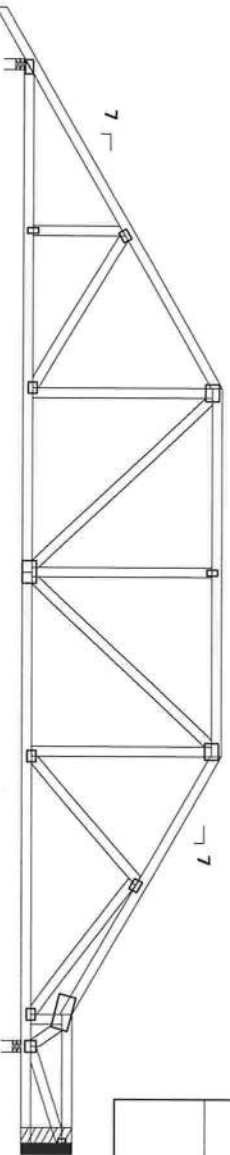
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TC DL	10.0 PSF	DATE	07/06/07	
BC DL	10.0 PSF	DRW	HCUSR215	07187003
BC LL	0.0 PSF	HC-ENG	RA/WHK	*
TOT. LD.	40.0 PSF	SEQN-	173364	
DUR. FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1T8S215_204	

THIS DMG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

****NOTE: USE A SHARP SAW BLADE TO CAREFULLY CUT THE MEMBER AS SHOWN. NOTE: KERF CUTS MAY NOT BE CROSSED AND NO LUMBER DEFECTS (KNOTS, WANE, ECT.) MAY OCCUR IN THE NOTCHED PIECE**

NOTE: PRIOR TO AND DURING THE REPAIR OPERATION, THIS TRUSS AND ANY SUPPORTED SPANS MUST BE TEMPORARILY BRACED AND SHORED THE DESIGN AND POSITIONING OF THIS BRACING AND SHORING TO BE DESIGNED BY OTHERS.

ING TO



10-0-0 1-6

11-6-9

13-0-07

9-6-14

10-9-2

7-6-14

4-1-2

R=1295 U=180 W=4"

32-0-0 Over 2 Supports

R=1467 H=180 W=4"

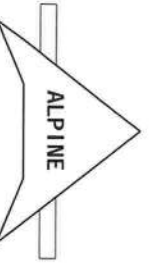
PLT TYP. Wave

Design Crit: TP1-2002(STD)/FBC

$$\text{Ca}/\text{RT}=1.00(1.25)/10(0) \quad 7.25.0503.00$$

OTY:1 FL/-/5/-/-/R/-

Scale = .1875"/Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING AND HANDLING. SHIPPING, INSTALLING AND BRACING TRUSSES MUST BE DONE IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY BE CAUSAL IN DAMAGE TO TRUSSES OR TO THE BUILDING. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED.

REFER TO ROOF BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS ASSOCIATION, 216 NORTH LEA STREET, SUITE 312, ALEXANDRIA, VA 22314, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) 5300 ENTERPRISE LANE, MOISTON, MI 48157 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE B.C. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE B.C. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN.

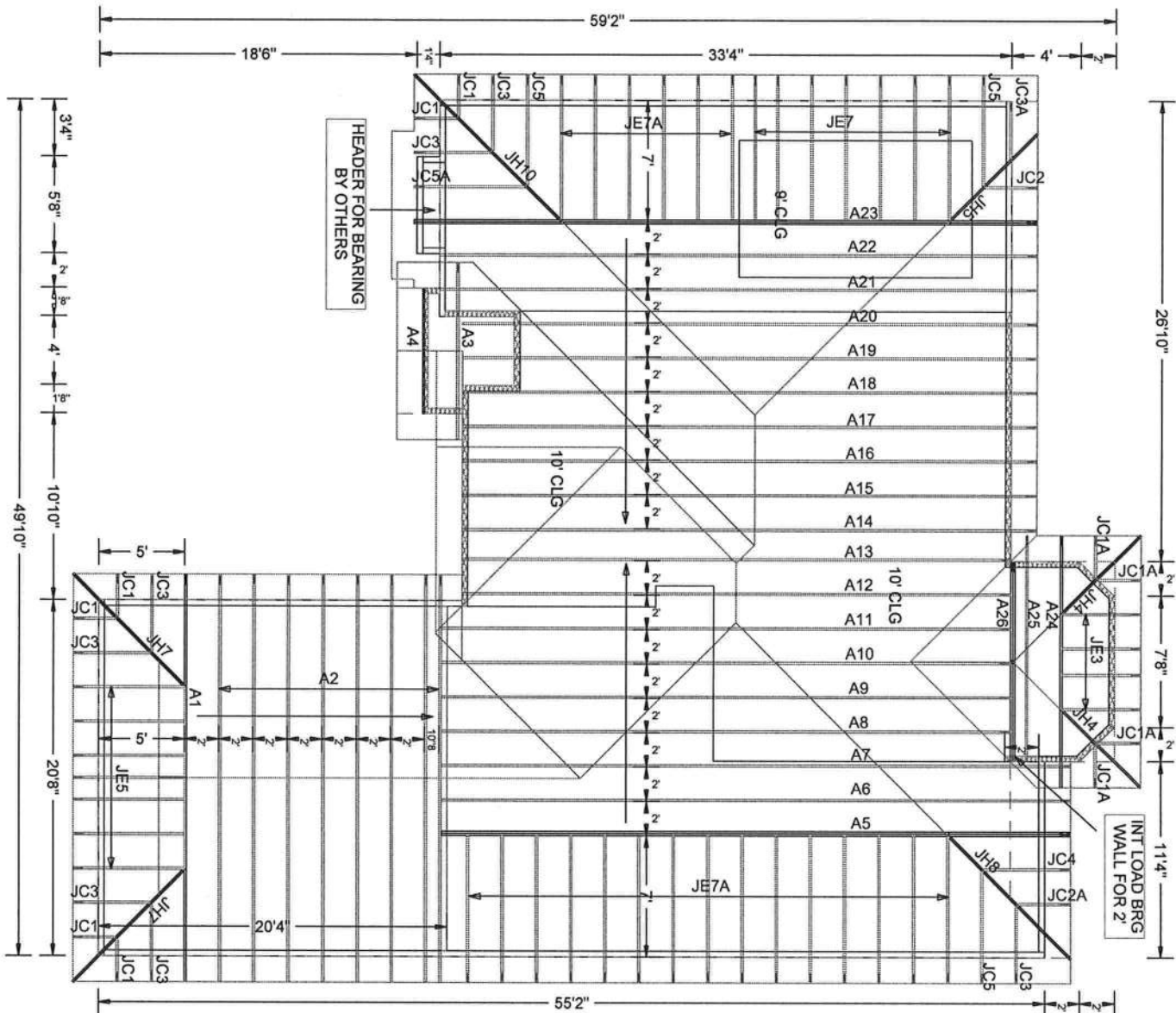
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. (AISC) AND THE TRUSS ASSOCIATION'S DESIGN SPEC. (TSA). THE TRUSS ASSOCIATION'S DESIGN SPEC. (TSA) IS THE BASIS FOR THE DESIGN. THE TRUSS ASSOCIATION'S DESIGN SPEC. (TSA) IS THE BASIS FOR THE DESIGN.

CONNECTOR PLATES ARE MADE OF 201/16GA (W/8X5/8) ASTM A663 GRADE 40/60 (W/8X5/8) GALV. STEEL. APPLY TO ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-Z. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER NAME AS OF T711-2002 SEC. 3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIAA/T711 1 SEC. 2.

TC LL	20.0 PSF	REF	R215--	30527
TC DL	10.0 PSF	DATE	07/06/07	
BC DL	10.0 PSF	DRW	H05R215	07187004
BC LL	0.0 PSF	HC-ENG	RA/WHK	*
TOT. LD.	40.0 PSF	SEQN-	173336	
DUR. FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1T8S215	Z04



ROOF PITCH: 7/12
CLG PITCH: FLAT
OVERHANG: 18" PLUMB CUT
LOADING: 40 PSF T.L./SHINGLE
WIND LOAD: 110 MPH/ENCLOSED
EXT WALLS: 2x4 FRAMING
DATE: 4-10-07

W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

Job Name: LOT 7 ROLLING MEADOWS-THE
Customer: Compass Builders
Designer: Chris McCall

JOB NO:

4494

PAGE NO:

1 OF 1

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IT6E215-Z0610145257

Truss Fabricator: W.B. Howland
Job Identification: 4494-/LOT 7 ROLLING MEADOWS-THE /Compass Builders -- LAKE CITY, FL
Truss Count: 44
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.25.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 04/10/2007

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Details: A11015EE-GBLLETIN-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	72996--A1		07100095	04/10/07
2	72997--A2		07100053	04/10/07
3	72998--A3		07100078	04/10/07
4	72999--A4		07100054	04/10/07
5	73000--A5		07100079	04/10/07
6	73001--A6		07100055	04/10/07
7	73002--A7		07100056	04/10/07
8	73003--A8		07100080	04/10/07
9	73004--A9		07100081	04/10/07
10	73005--A10		07100082	04/10/07
11	73006--A11		07100083	04/10/07
12	73007--A12		07100084	04/10/07
13	73008--A13		07100057	04/10/07
14	73009--A14		07100058	04/10/07
15	73010--A15		07100059	04/10/07
16	73011--A16		07100060	04/10/07
17	73012--A17		07100061	04/10/07
18	73013--A18		07100062	04/10/07
19	73014--A19		07100063	04/10/07
20	73015--A20		07100064	04/10/07
21	73016--A21		07100065	04/10/07
22	73017--A22		07100066	04/10/07
23	73018--A23		07100085	04/10/07
24	73019--A24		07100086	04/10/07
25	73020--A25		07100067	04/10/07
26	73021--A26		07100096	04/10/07
27	73022--JC1		07100087	04/10/07
28	73023--JC1A		07100088	04/10/07
29	73024--JC2		07100068	04/10/07
30	73025--JC2A		07100069	04/10/07
31	73026--JC3		07100070	04/10/07
32	73027--JC3A		07100071	04/10/07
33	73028--JC4		07100072	04/10/07
34	73029--JC5		07100073	04/10/07
35	73030--JC5A		07100074	04/10/07
36	73031--JE3		07100075	04/10/07

#	Ref	Description	Drawing#	Date
37	73032--JE5		07100076	04/10/07
38	73033--JE7		07100089	04/10/07
39	73034--JE7A		07100077	04/10/07
40	73035--JH4		07100090	04/10/07
41	73036--JH5		07100091	04/10/07
42	73037--JH7		07100092	04/10/07
43	73038--JH8		07100093	04/10/07
44	73039--JH10		07100094	04/10/07



Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

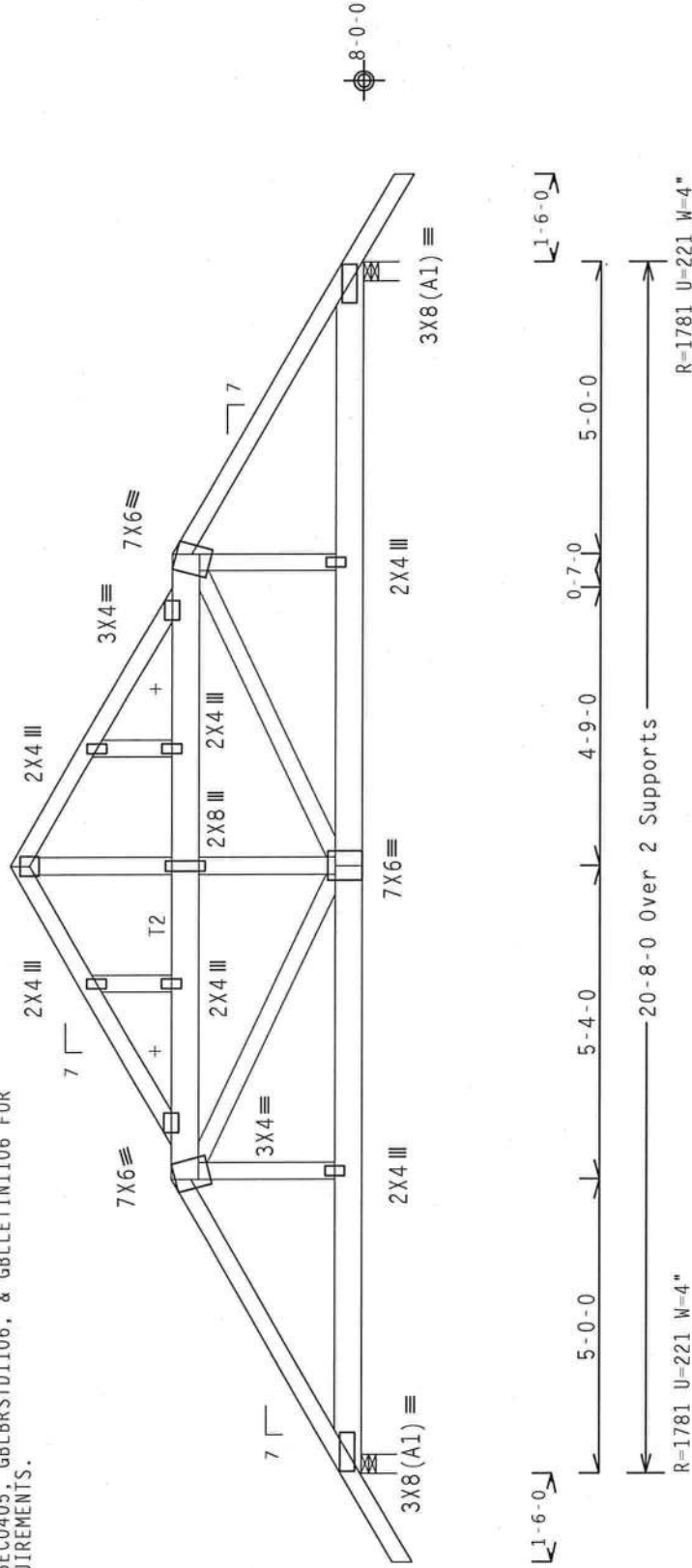
Boston hip supports 5-0-0 jacks to BC. TC supports 1-6-0 overhang.

The overall height of this truss excluding overhang is 6-0-9.

THIS BOSTON HIP DESIGNED TO SUPPORT 5'0" JACKS.
JACKS HAVE NO WEBS. TOP CHORD SUPPORTS 1'6" MAX. GABLE OVERHANG. REFER TO DRAWING S11015E FOR GABLE END AND BRACING DETAILS.

+ MEMBER TO BE Laterally Braced For Horizontal Wind Loads.
BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

SEE DWGS A11015EC0405, GBLBRSTD1106, & GBLLETIN1106 FOR ADDITIONAL REQUIREMENTS.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/E/R/-	Scale = .3125"/Ft.
REF R215-- 72996	TC LL	20.0 PSF	
DATE 04/10/07	TC DL	10.0 PSF	
DRW HCUR215 07100095	BC DL	10.0 PSF	
HC-ENG EC/AP	BC LL	0.0 PSF	
SEQN- 173206	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 1T6E215_Z06	SPACING	24.0"	

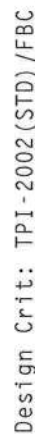
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503

ALPINE
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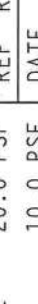
FL Certificate of Authorization # 567

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.



Scale = .3125" / Ft.



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ITW BUILDING COMPONENTS GROUP, INC.
HAINES CITY, FL 33844
FL CERTIFICATE OF AUTHORIZATION # 567

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY FLORIDA STATE TRUSS, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WFLA (WOOD TRUSS COUNCIL OF AMERICA) UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANCHORAGE FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FOLLOWING DESIGN. SHIPPING, HANDLING, BRACING, AND ERECTION SHALL BE THE RESPONSIBILITY OF THE TRUSSER. DESIGN CONECTOR PLATES ARE MADE OF 2010/16GA. (4/55)K55 ASTM A653 GRADE 40/60 (4/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE ANCHORED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANCHOR A3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



APR 10 2007

REF	R215 -	20.0	PSF	TC LL	20.0	PSF
DATE	04/10/07	10.0	PSF	TC DL	10.0	PSF
DRW	HCUSR215	10.0	PSF	BC DL	10.0	PSF
HC-ENG	EC/AP	0.0	PSF	BC LL	0.0	PSF
SEQN-	173210	TOT.LD.	40.0	PSF		
FROM	CDM	DUR.FAC.	1.25			
JREF-	1T6E215_Z06	SPACING	24.0"			

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

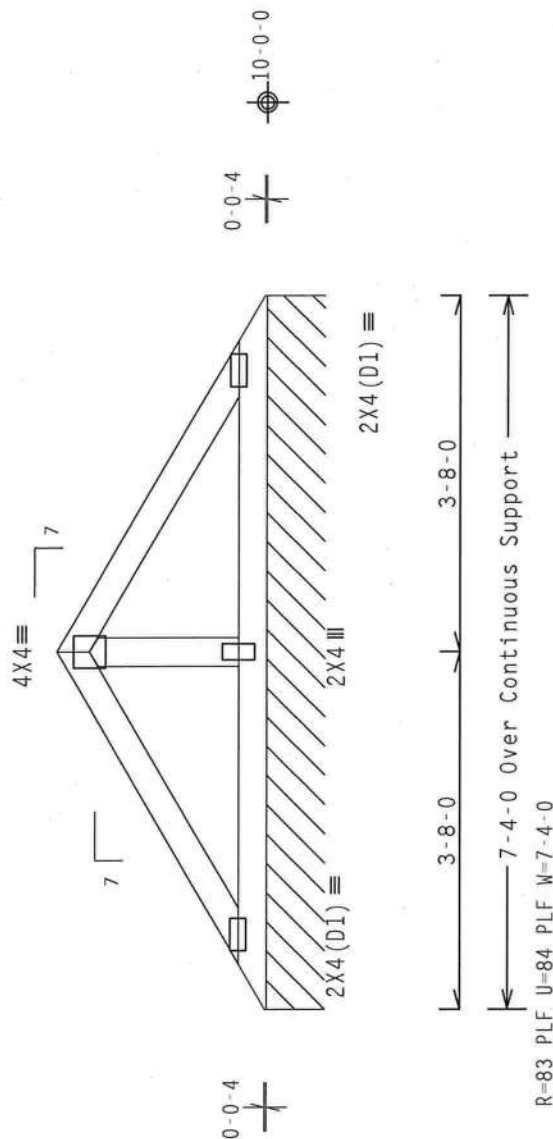
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

Deflection meets L/240 live and L/180 total load.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.



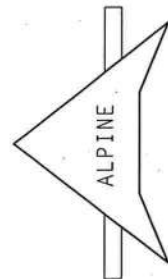
R=83 PLF U=84 PLF W=7-4-0

Design Crit: $\text{TPI-2002(STD) / FBC}$
 $\text{Cq/RT} = 1.00(1.25) /$

PLT TYP. Wave

OTY:1 FL/-/5/-/E/R/-/ Scale = 5"/Ft.

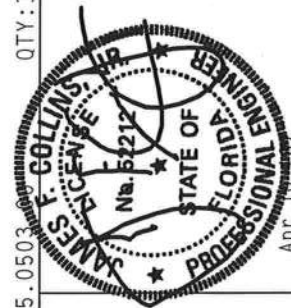
TC LL	20.0	PSF	REF R215 - 72999
TC DL	10.0	PSF	DATE 04/10/07
BC DL	10.0	PSF	DRW HCURS215 07100054
BC LL	0.0	PSF	HC-ENG EC/AP *
TOT.LD.	40.0	PSF	SEQN- 173305
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1T6E215_Z06



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WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER FOR ALL DETAILS. 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND KNOX TRUSS COUNCIL OF AMERICA, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FOR ANY DEVIATION FROM THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/80/10GA. 04/025X3. ASTM A653 GRADE 40/60. IN. K/55S1 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, WHERE APPLICABLE, AT THE DESIGN POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER AMBEX 43 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMB1/TP1 1 SEC. 2.



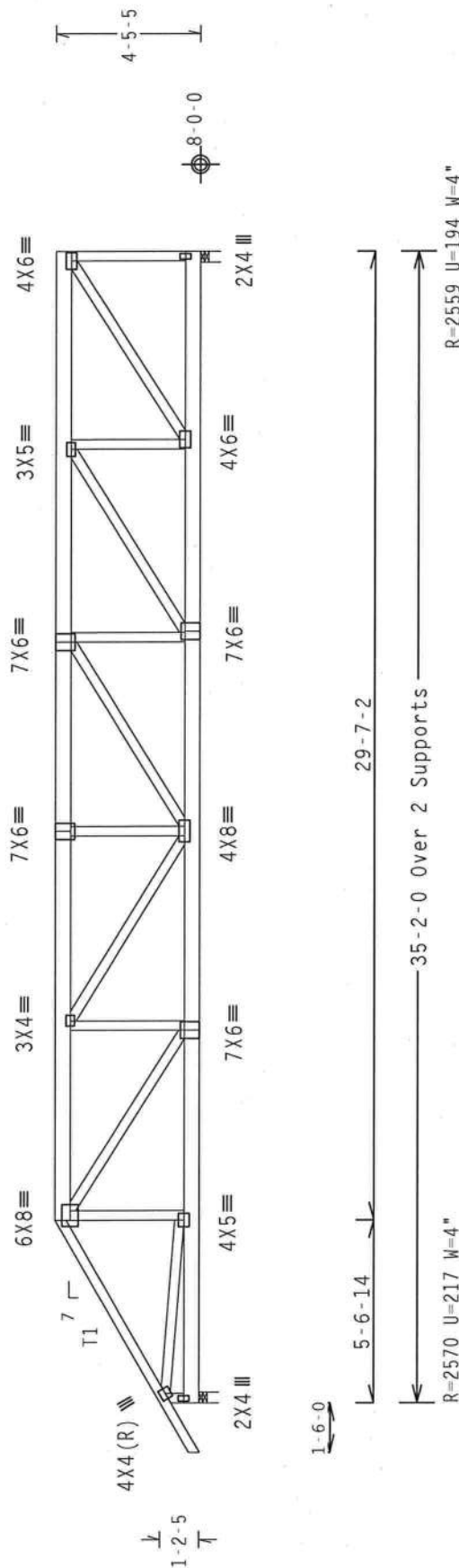
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
 Top Chord: 1 Row @ 6.00" o.c.
 Bot Chord: 1 Row @ 12.00" o.c.
 Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger in each row to avoid splitting.

Right end vertical not exposed to wind pressure.
#1 hip supports 5-6-14 jacks with no webs.
The overall height of this truss excluding overhang

The overall height of this truss excluding overhang is 4-5-5.

Design Crit: TPI-2002(STD)/FBC
C_a/RT=1.00(1.25)/

OTY:1 FL/-/5/-/F/R/- Scale = 1875"/Ft.

TC LL	20.0	PSF	REF	R215--	73000
TC DL	10.0	PSF	DATE	04/10/07	
BC DL	10.0	PSF	DRW	HCUSR215	07100079
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEON-	173372	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T6E215_Z06	



*****WARNING***** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND UNLOADING. ALWAYS WEAR PROPER PROTECTIVE EQUIPMENT. PUBLISHED INFORMATION, INCLUDING BUT NOT LIMITED TO, THE CRUSS PLATE INSTITUTE, 210 NORTH LEISTREE, SUITE 2, ALEXANDRIA, MA 02301, TEL: 508/548-1100, FAX: 508/548-1101, IS THE SOURCE OF THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS, OR ANY FAILURE TO BRACE, INSTALL, OR BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 2018T16G68 (N1/55K4) ASTM A653 GRADE 40/60 (N, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 43 OF TPI-2002 SEC.2.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A518/TPI.1 SEC. 2.

ITN BCG

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

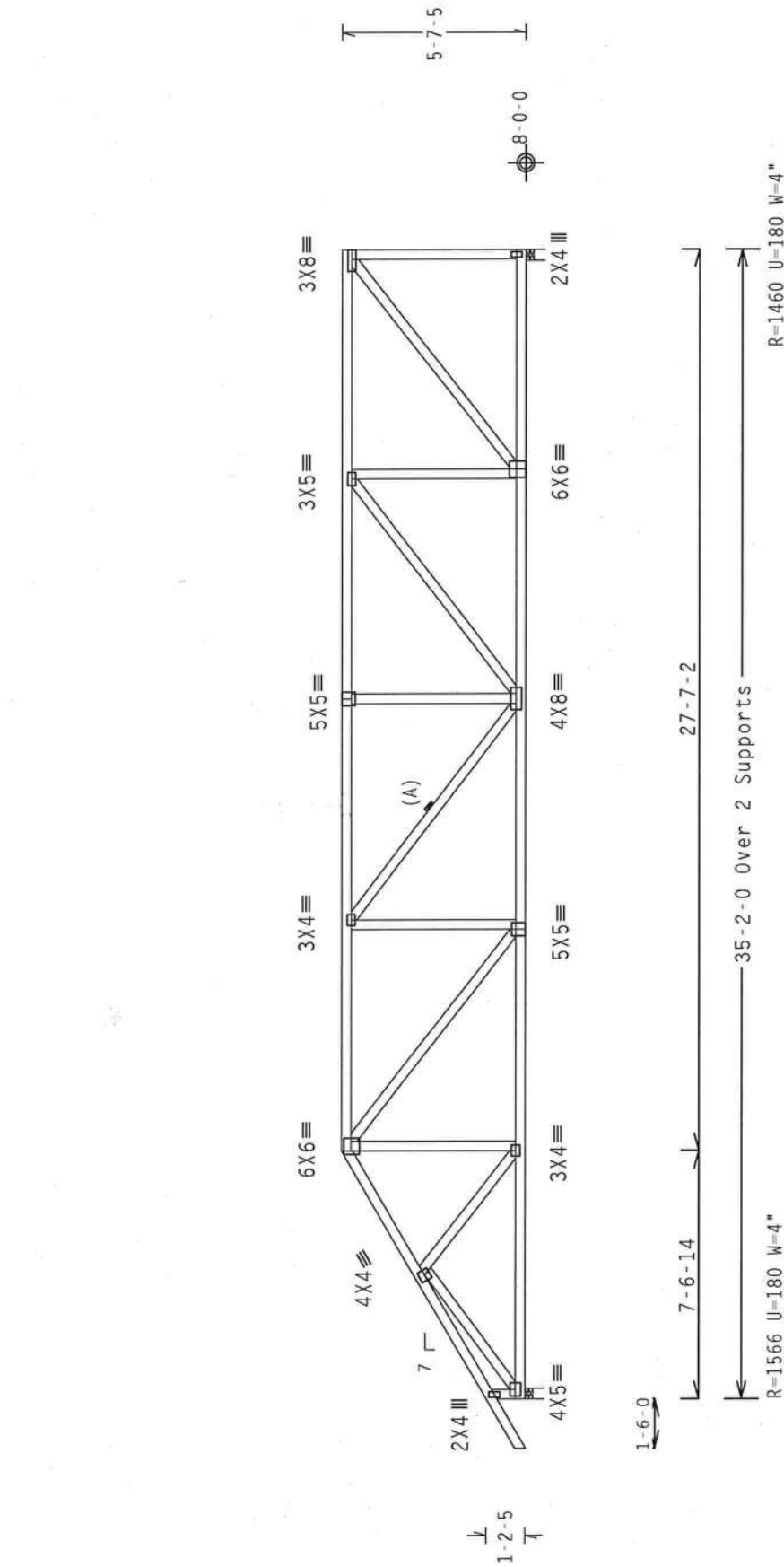
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

Right end vertical not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 5-7-5.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

QTY:1 FL/-/5/-/E/R/-

 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0503

PLT TYP. Wave

TC LL	20.0	PSF	REF	R215--	73001
TC DL	10.0	PSF	DATE	04/10/07	
BC DL	10.0	PSF	DRW	HCUSR215	07100055
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN-	173376	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T6E215_Z06	

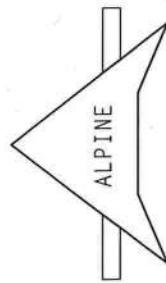


APR 10 1907

***WARNING:** RUSSELLS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CURTIS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND WIGA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ROS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. 1TH BCG
CONNECTOR PLATES ARE MADE OF 2018/166A (4140/55/78) ASTM A553 GRADE 40/60 (14, K/H-55) GALV. STEEL, AP-
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANS1/TPI 1 SEC. 2.



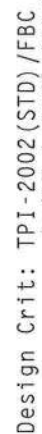
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Haines City, FL 33844

FL Certificate of Authorization # 567

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpi(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 6-9-5.



503

QTY:1 FL/-/5/-/E/R/-

Scale = .1875"/Ft.



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FL Certificate of Authorization # 567

[illegible]

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP11 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

ITW BCG HAS DESIGNED AND DRAWN THIS TRUSS TO MEET THE FOLLOWING DESIGN CRITERIA:

1. ALL TRUSS MEMBERS ARE MADE OF 6061-T6 ALUMINUM PER MIL-H-9000. ALL STEEL CONNECTOR PLATES ARE MADE OF 7075-T6 ALUMINUM PER MIL-S-8838. GALVANNEAL STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 1600-2.

2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11-2002 SEC 3.

3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF R215-- 73002
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCUSR215 07100056
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 173380
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T6E215_Z06

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

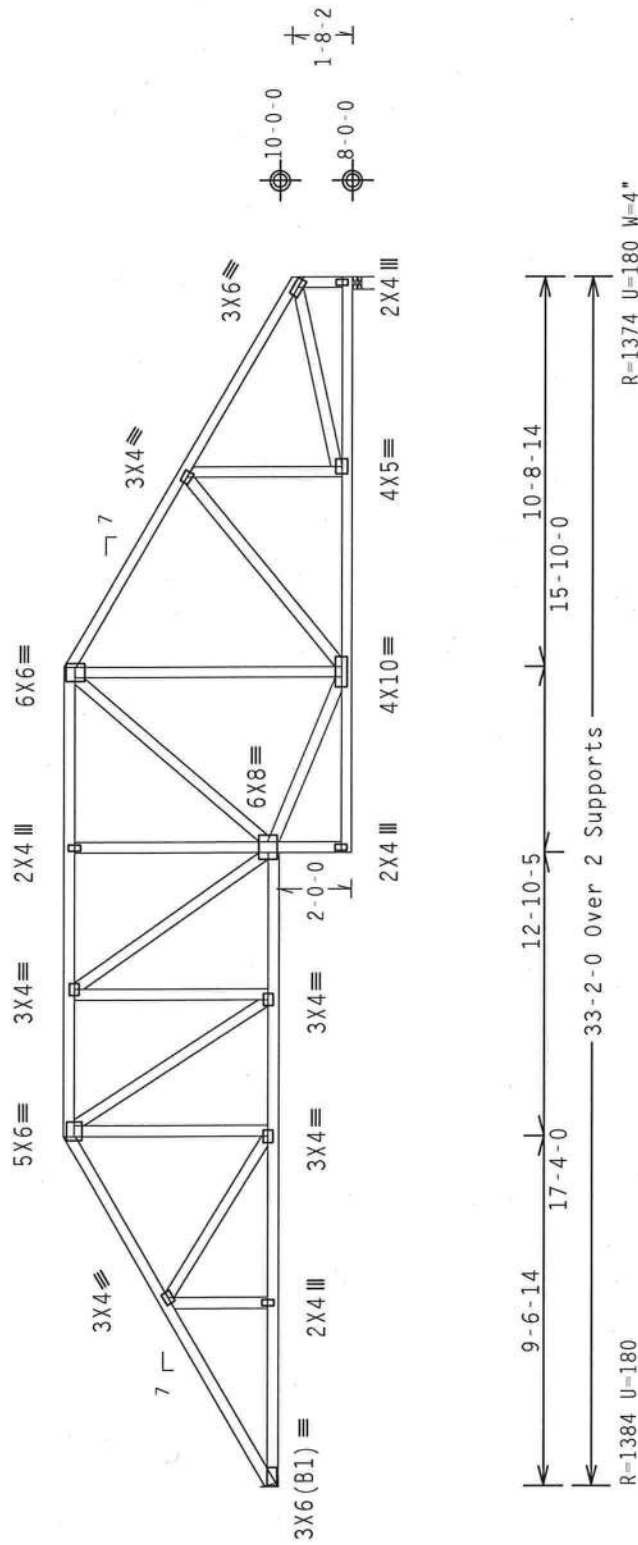
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5-11-5.



Design Crit: TPI-2002(STD)/FBC

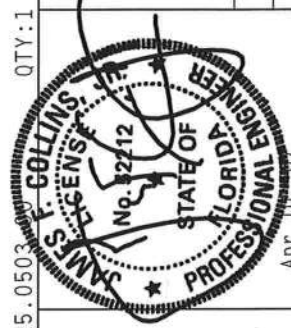
QTY:1 FL/-/5/-/E/R/- Scale = .1875"/Ft.

 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0503

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND AISC (A000) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE, INJURY, OR DEATH, OR INSTABILITY OR BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICATION PROVISIONS (ASTM A663 GRADE 40/60, 41/50S) GALV. STEEL - APPLA-2 CONNECTOR PLATES ARE MADE OF 70/17/166/18 (H/SS/SS) LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX 43 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AB11/TP1 1 SEC. 2.



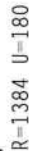
TC LL	20.0 PSF	REF R215- - 73003
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCUSR215 07100080
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 173384
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T6E215_Z06

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

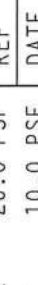
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 7-1-5.



PLT TYP. Wave



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

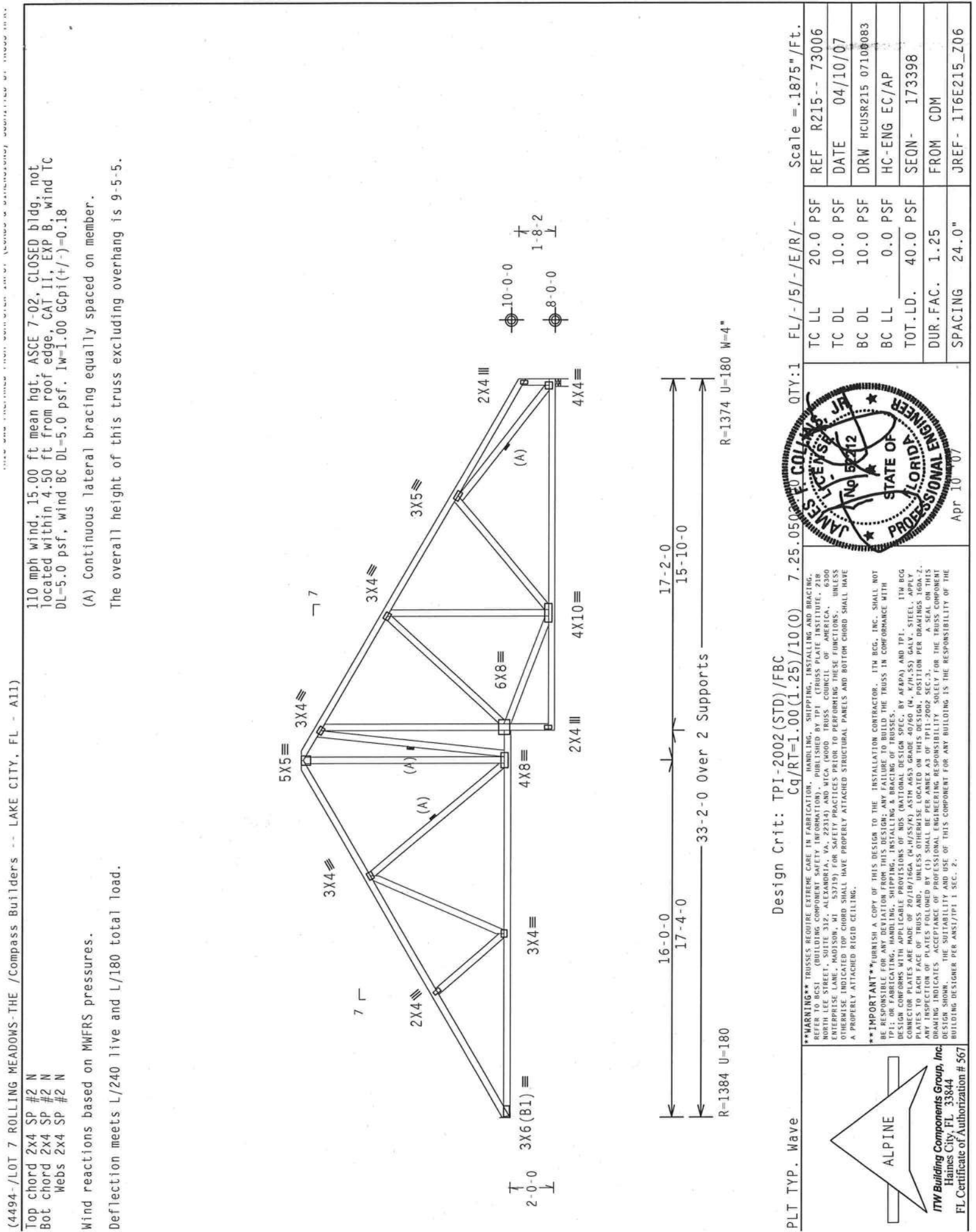
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE MANUFACTURER FOR ALL RULES, REGULATIONS, NORTH LANE STREET (SUITE 312, ALEXANDRIA, VA, 22314) AND WEGA (WOOD TRUSS, CHURCH OF AMERICA), ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS INDICATED ON THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. (BY AFIP/A) AND TP1. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/166GA (4-H/55/P) ASTM A653 GRADE 40/60 (4, 4/H/55) GALV. STEEL - APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANS1 A3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS1/TP1 1 SEC. 2.



APR 1 2004

TC LL	20.0	PSF	REF	R215--	73004
TC DL	10.0	PSF	DATE	04/10/07	
BC DL	10.0	PSF	DRW	HCUSR215	07100081
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	173390	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T6E215_Z06	



(4494-/LOT 7 ROLLING MEADOWS-THE /Compass Builders -- LAKE CITY, FL - A11)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpl(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 9'-5".

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

QTY: 1 FL/-/5/-/E/R/-

Scale = .1875" / Ft.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF R215-- 73006
DATE 04/10/07
DRW HCUSR215 07100083
HC-ENG EC/AP
SEON- 173398
FROM CDM
JREF- 1T6E215_Z06

APR 10 2007

STATE OF FLORIDA
JAMES L. COLLINS, JR.
No. 52412
PROFESSIONAL ENGINEER

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

ALPINE

ITW BCG
CONTRACTOR'S COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1876GA (A572/A572) GRADE 40/60 (4. K/H.55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOR DAMAGE BY SHARP OBJECTS. ITW BCG SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW BCG
CONTRACTOR'S COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1876GA (A572/A572) GRADE 40/60 (4. K/H.55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOR DAMAGE BY SHARP OBJECTS. ITW BCG SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.03 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)=0.18

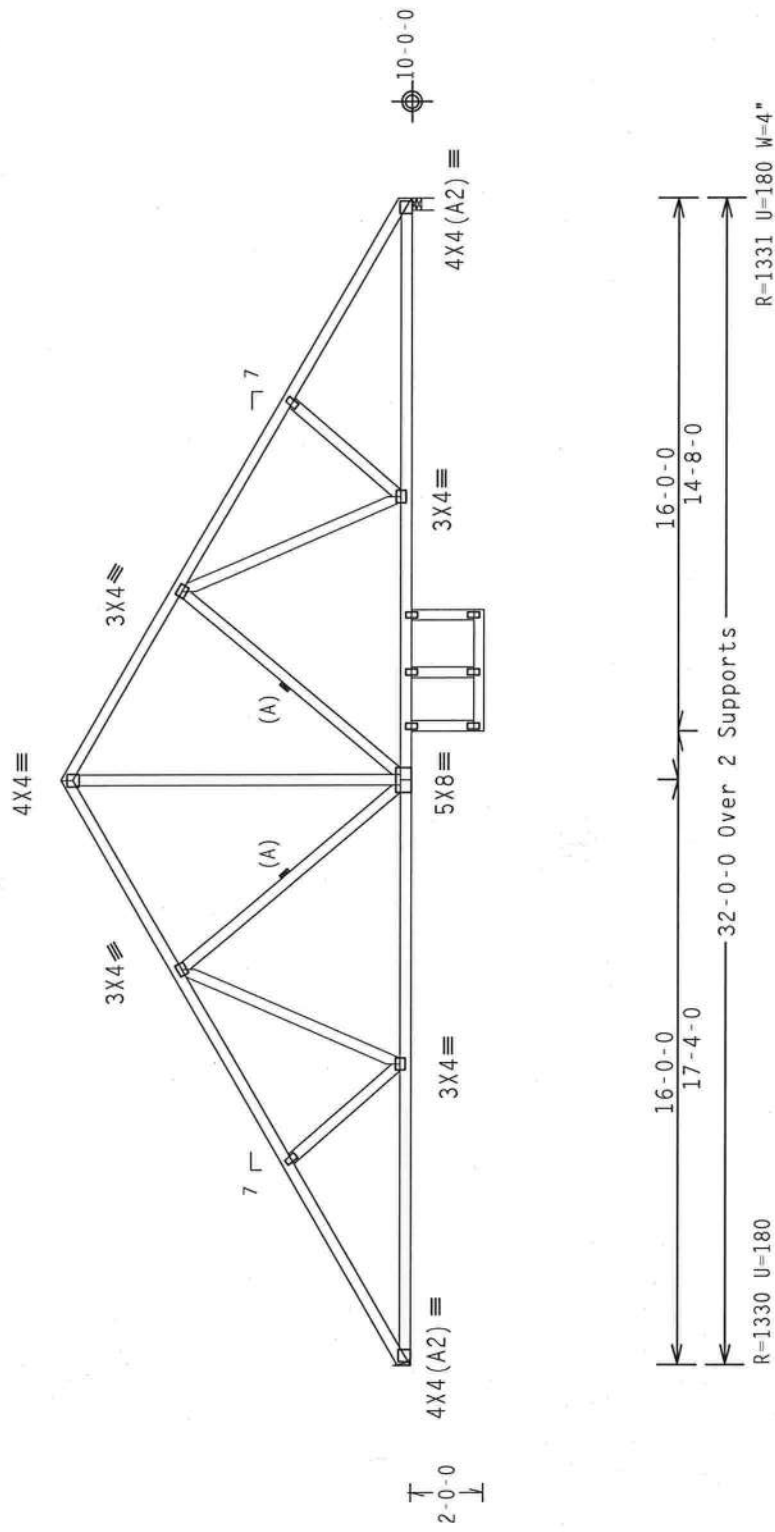
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-8-5.

SEE DWGS BCFILLER1106 FOR BOTTOM CHORD (BC) FILLER DETAILS. LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24"OC. (OR AS DESIGNED) INCLUDING A BRACE ON BOTTOM CHORD DIRECTLY ABOVE BOTH ENDS OF FILLER (IF NO RIGID DIAPHRAM EXISTS AT THAT POINT).



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

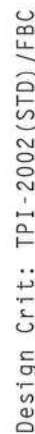
PLT TYP. Wave	QTY: 1	FL/-/5/-/E/R/-	Scale = .1875"/Ft.
	TC LL	20.0 PSF	REF R215-- 73007
	TC DL	10.0 PSF	DATE 04/10/07
	BC DL	10.0 PSF	DRW HCUSR215 07100084
	BC LL	0.0 PSF	HC-ENG EC/AP
	TOT.LD.	40.0 PSF	SEQN- 173403
	DUR.FAC.	1.25	FROM CDM
JREF- 1T6E215_Z06		SPACING	24.0"

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

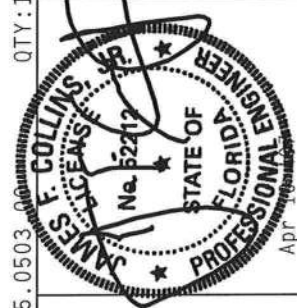
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/ASA) AND TPI. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSTION PER DRAWINGS APPLY. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

The overall height of this truss excluding overhang is 9-6-4.



Scale = .25" / Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0 PSF	REF R215-- 73008
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCUR215 07100057
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 173364
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 176E215_Z06

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

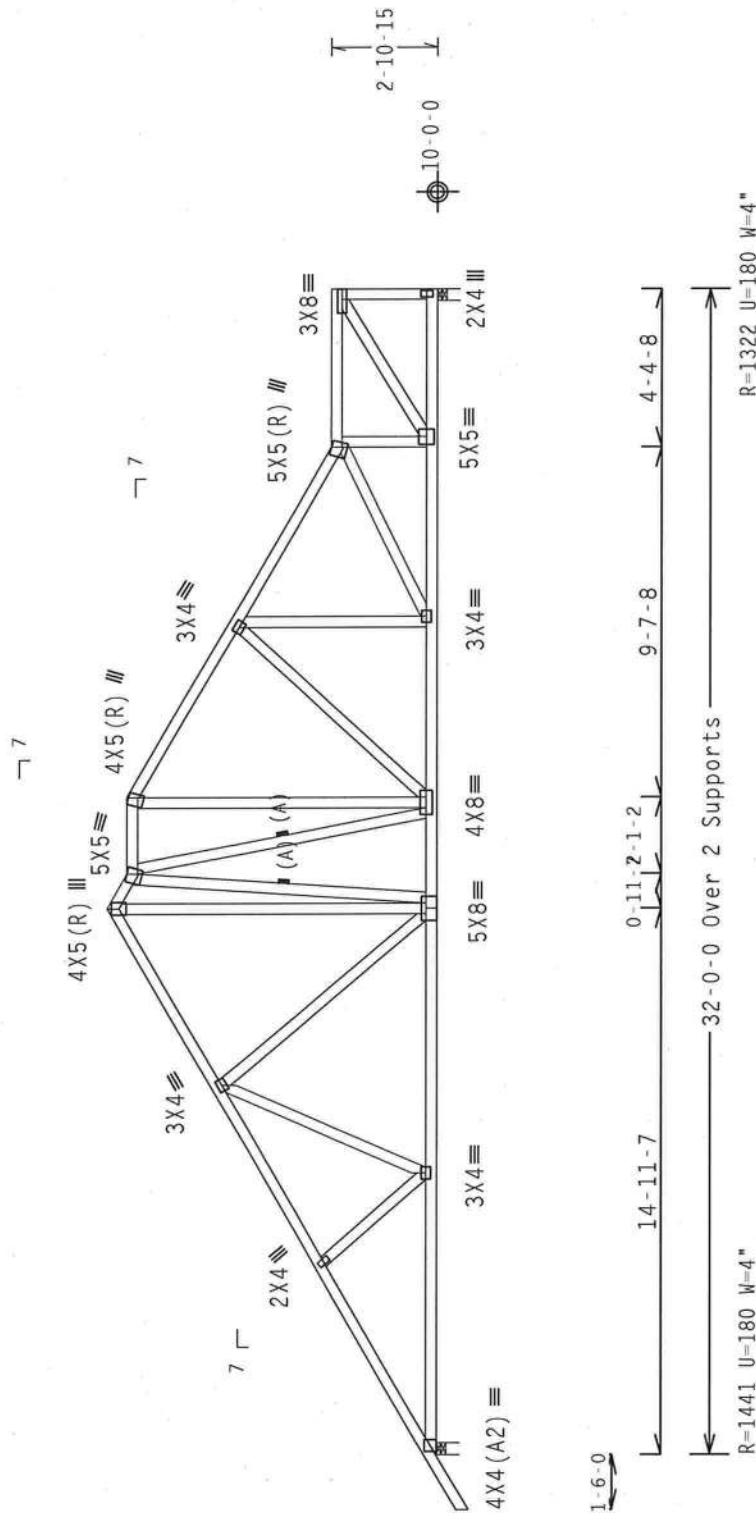
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-1-0.



Design Crit: TPI-2002(STD)/FBC

Scale = 1875" / Ft.

PLT TYP. Wave

WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENTS INFORMATION PUBLISHED BY TPI (CRUISE PLATE INSTITUTE, 719 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE CODES. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN CONFORMS WITH APPLICABLE CODES. THE PROVISIONS OF THIS DESIGN (BY AFPEO) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA. OR UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSS AND, OR UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (3). SHALL BE PER ANNEX A.3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0	PSF	REF	R215--	73009
TC DL	10.0	PSF	DATE	04/10/07	
BC DL	10.0	PSF	DRW	HCUSR215	07100058
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN -	173360	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T6E215_Z06	

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

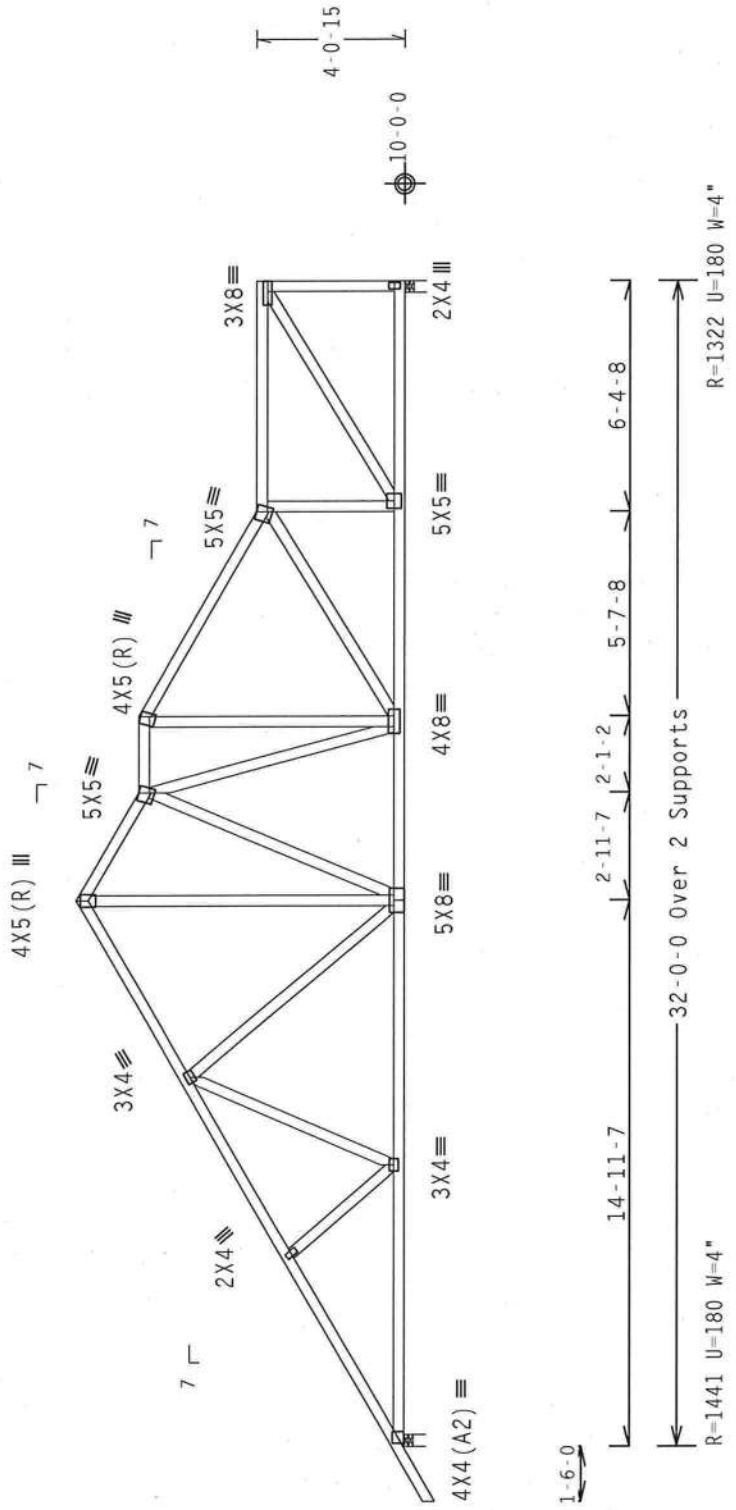
In lieu of structural panels use purlins to brace all flat TC @ 24"

The overall height of this truss excluding overhang is 9-1-0.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Deflection meets L/240 live and L/180 total load.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

QTY: 1

FL/-/5/-/E/R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

REF	R215--	73010
DATE	04/10/07	
DRW	HCUSR215	07100059
HC-ENG	EC/AP	*
SEQN-	173356	
FROM	CDM	
JREF-	1T6E215_Z06	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4.47/55X5) ASTM A653 GRADE 40/60 (4.47/55) GALV. STEEL. APPLY TO ALL TRUSSES AND BRACING. UNLESS OTHERWISE INDICATED ON THIS DRAWING, ALL TRUSSES SHALL BE INSPECTED BY AN INSPECTOR OF PLATES FOLLOWED BY AN INSPECTOR OF TRUSSES. ANY INSPECTION OF PLATES FOLLOWED BY AN INSPECTOR OF TRUSSES SHALL BE PERFORMED BY THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

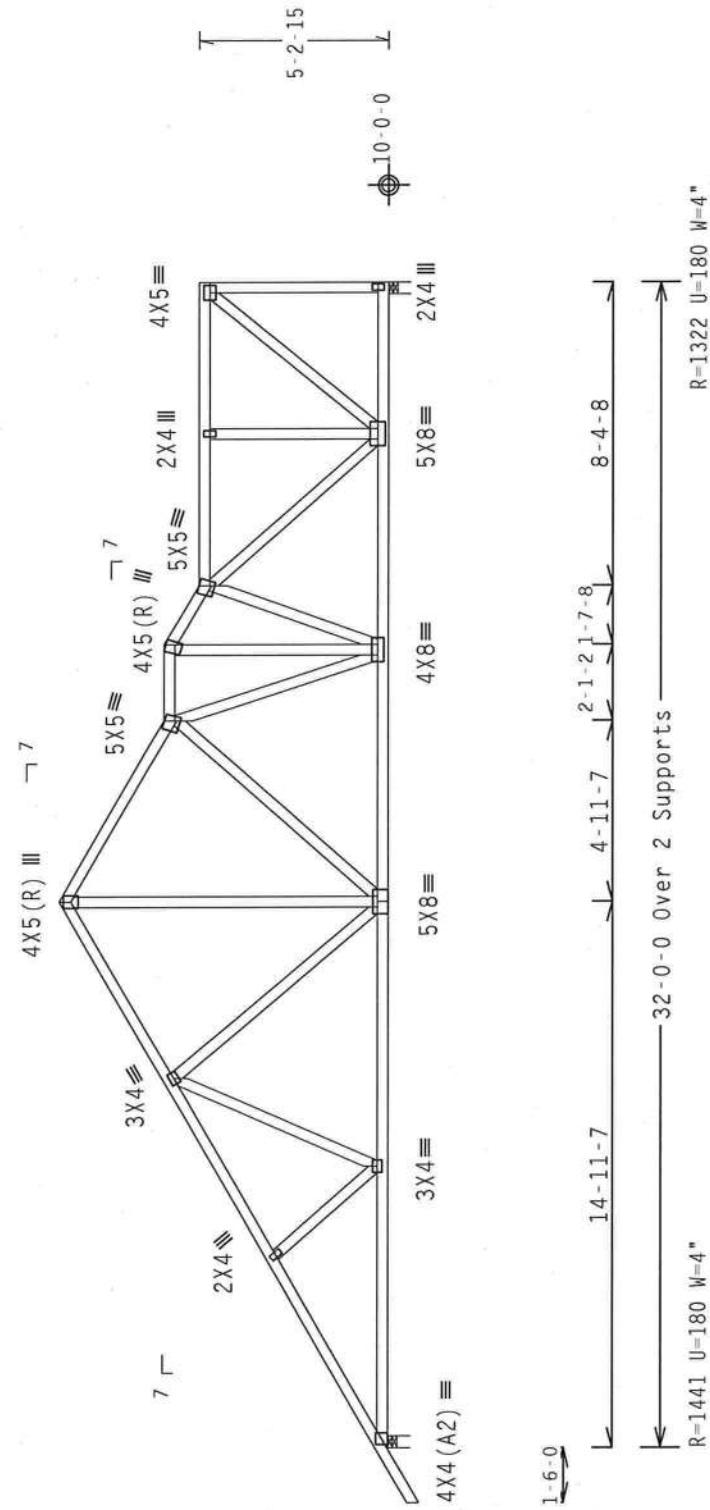
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCp(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

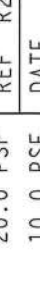
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 9-1-0.



PLT TYP.	Wave	Design Crit:	TPI-2002(STD)/FBC
			Cq/RT=1.00(1.25)/

QTY:1 FL/-/5/-/E/R/- Scale =.1875"/Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REE1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WFGA (WOOD TRUSS COUNCIL OF AMERICA, 6500 WOODBRIDGE AVENUE, ANDOVER, MA 01810) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL WOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOSS (NATIONAL DESIGN SPEC., BY AERPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/17/66GA (W-H/SS/S) ASTM A563 GRADE 40/60 (W, K/H, SS) GALV., STEEL APPLIED PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANCH A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

James F. Collins, Jr.
Professional Engineer
No. 57212
State of Florida

Apr 10 2002

REF	R215 -	73011	TC LL	20.0	PSF
DATE	04/10/07		TC DL	10.0	PSF
DRW	HCUSR215	07100060	BC DL	10.0	PSF
HC-ENG	EC/AP	*	BC LL	0.0	PSF
SEQN-	173352		TOT.LD.	40.0	PSF
FROM	CDM		DUR.FAC.	1.25	
JREF-	1T6E215_Z06		SPACING	24.0"	

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

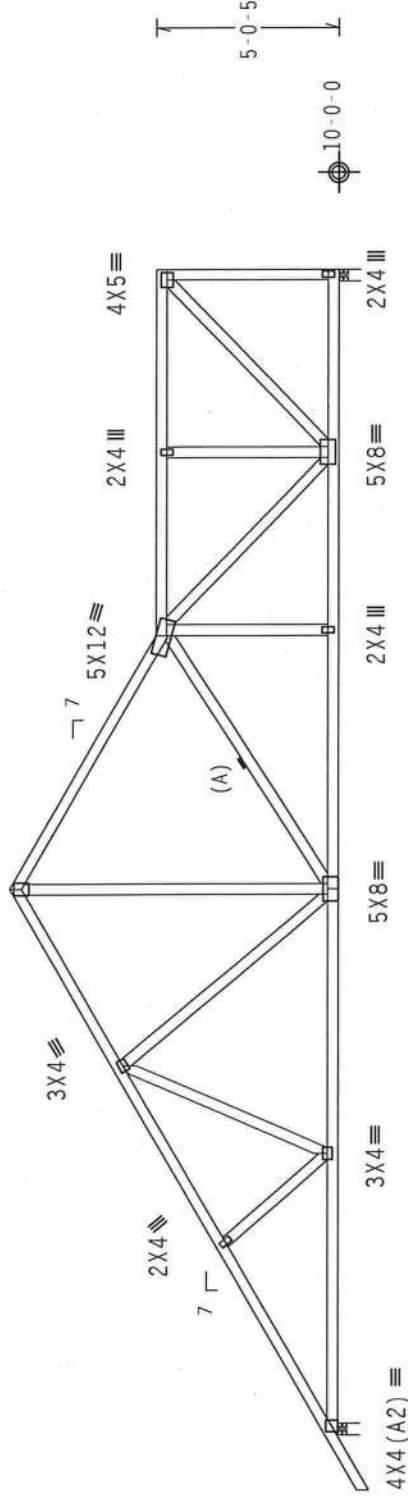
The overall height of this truss excluding overhang is 9'-1-0".

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

4X5 (R) III



1'-6-0

14-11-7

6-11-7

10-1-2

32-0-0 Over 2 Supports

R=1441 U=180 W=4"

R=1322 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC

Scale = .1875" / Ft.

QTY: 1

FL / - / 5 / - / E / R / -

REF R215-- 73012

DATE 04/10/07

DRW HCUSR215 07100061

HC-ENG EC/AP

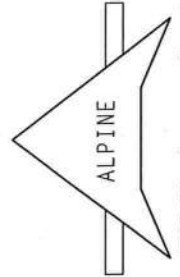
SEQN- 173348

FROM CDM

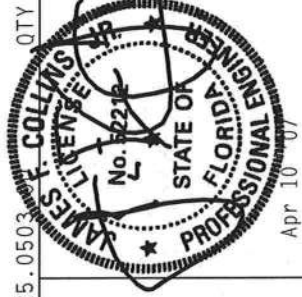
JREF- 1T6E215_Z06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITM BEG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BEG CONNECTOR PLATES ARE MADE OF 2018/106A (41/55X7) ASTM A653 GRADE 40/60 (W. K/1.55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY ITM BEG. ITM BEG SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

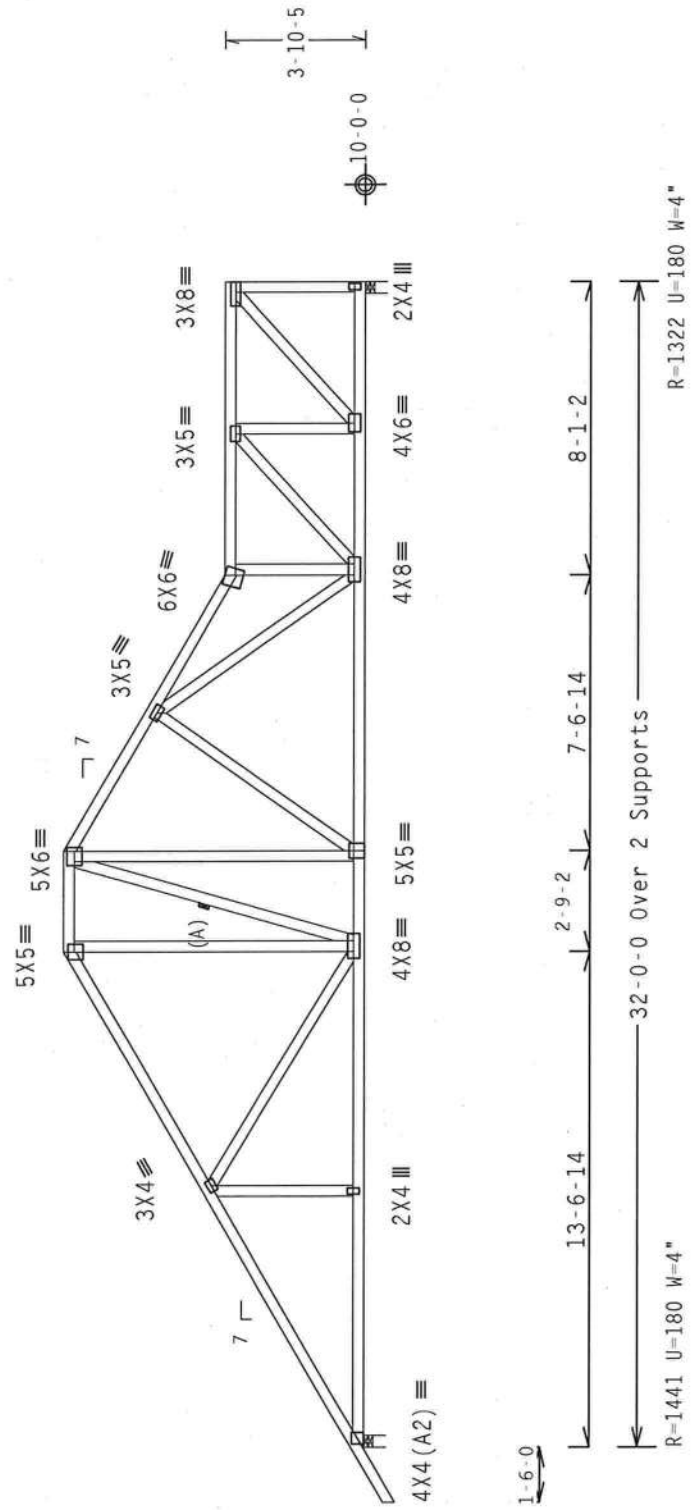
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-3-5.

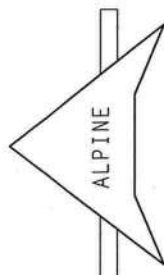
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)=0.18

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	7.25.0502	TY-1	Scale = .1875" / Ft.	
			FL / - / 5 / - / E / R / -	REF R215-- 73013
 ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567	Cq/RT=1.00(1.25)/10(0)	7.25.0502	TC LL	20.0 PSF
			TC DL	10.0 PSF
DATE 04/10/07	DRW HCUSR215 07100062	HC-ENG EC/AP *	BC DL	10.0 PSF
			BC LL	0.0 PSF
FROM CDM	JREF- 1T6E215_Z06	JREF- 1T6E215_Z06	TOT.LD.	40.0 PSF
			DUR.FAC.	1.25
FL Certificate of Authorization # 567	FL Certificate of Authorization # 567	FL Certificate of Authorization # 567	SPACING	24.0"

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

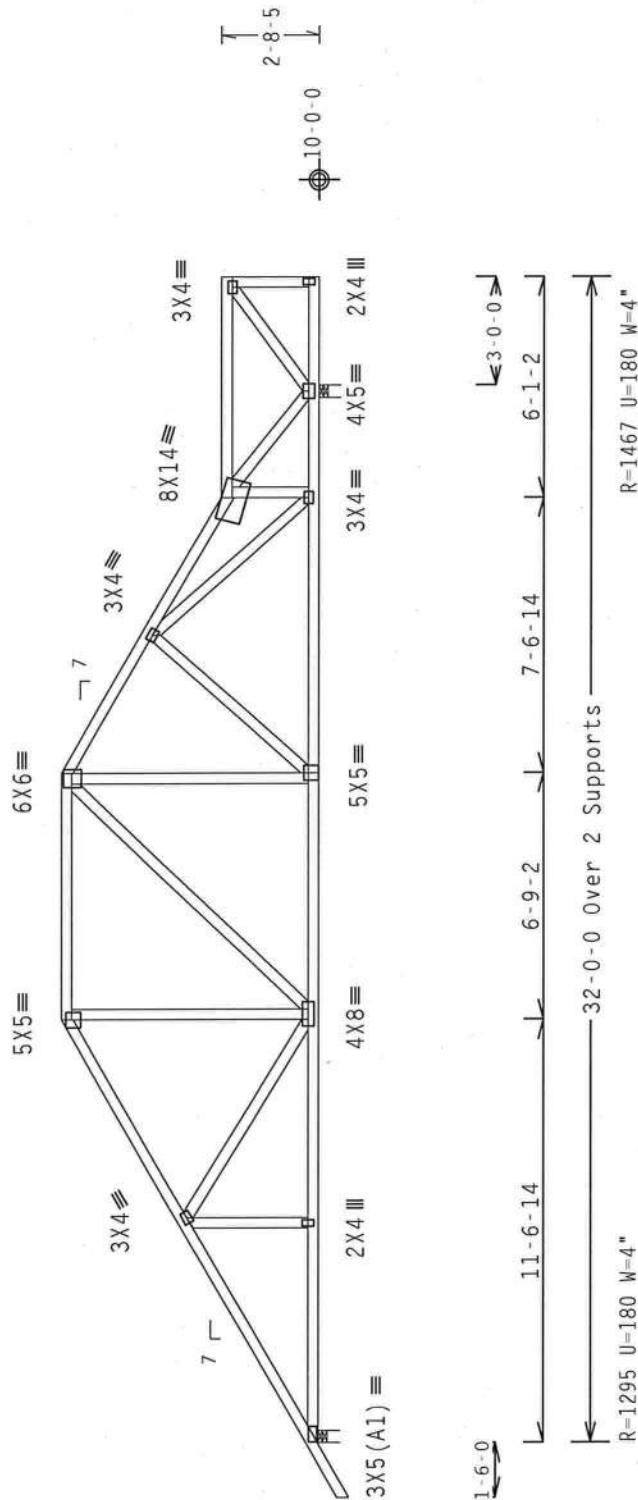
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 7-1-5.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

*****WARNING***** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THUSSES MUST BE DESIGNED AND MANUFACTURED BY THE FIBERGLASS THUSS MANUFACTURING INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, WESTLAND, MI 48093. THE ONLY THUSS MANUFACTURER WHOSE THUSSES ARE APPROVED BY THE FIBERGLASS THUSS MANUFACTURING INSTITUTE. ALL THUSSES MUST BE MANUFACTURED IN THE UNITED STATES. SOURCES OF THUSSES: THUSS MANUFACTURING INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, WESTLAND, MI 48093. TEL: (313) 527-7191. FAX: (313) 527-7192. E-MAIL: info@thuss.com. WEBSITE: www.thuss.com. THESE THUSSES ARE THE ONLY THUSSES THAT HAVE BEEN PROVEN TO PERFORM THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID SETTING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN, OR FABRICATING, SPLICING, WELDING, INSTALLING A FAILURE TO BUILD THE TRUSSES. ITW BCG DESIGNS AND PROVIDES INFORMATION FOR PROVIDING PROTECTIVE COATING (SEE AF&PA) AND TPT. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/1766N/A/SP/SL (ASTM A563 GRADE 40) OR 2010/1766N/A/SP/SL GALV. STEEL. APPLICABLE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DIMENSIONS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPT1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1/1 TPT1 SEC. 2.

TC LL	20.0 PSF	REF R215--	73014
TC DL	10.0 PSF	DATE	04/10/07
BC DL	10.0 PSF	DRW HCUR215	07100063
BC LL	0.0 PSF	HC-ENG EC/AP	*
TOT.LD,	40.0 PSF	SEQN-	173340
DUR.FAC.	1.25	FROM	CDM
SPACING	240"	DEE-	175E21-- 706

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

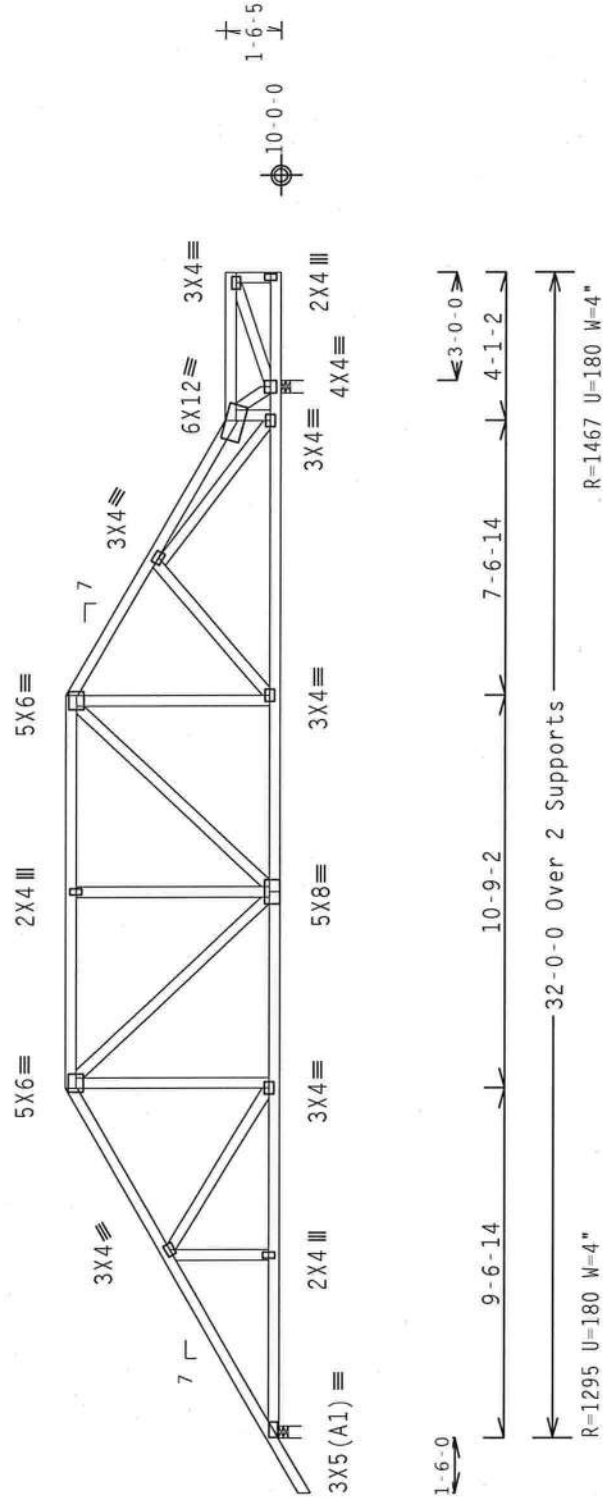
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

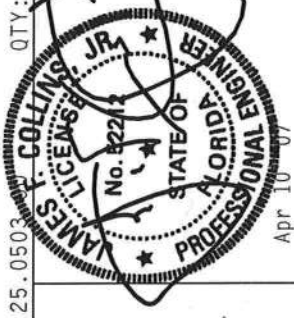
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpl(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 5-11-5.

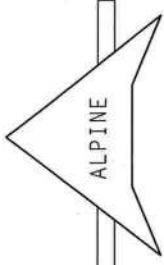


Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL/-/5/-/E/R/-	Scale = .1875"/Ft.
	TC LL	20.0 PSF	REF R215-- 73015
	TC DL	10.0 PSF	DATE 04/10/07
	BC DL	10.0 PSF	DRW HCUSR215 07100064
	BC LL	0.0 PSF	HC-ENG EC/AP *
	TOT.LD.	40.0 PSF	SEQN- 173336
	DUR.FAC.	1.25	FROM CDM
SPACING		24.0"	JREF- 1T6E215_Z06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE ITW BCG DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS SHALL BE BUILT IN CONFORMANCE WITH THE ITW BCG DESIGN. ALL TRUSSES SHALL BE MADE OF 20/18/16GA OR 16/18/16GA (ASTM A653 GRADE 40/50 OR A653 GRADE 40/50) GALV. STEEL. ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 3 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

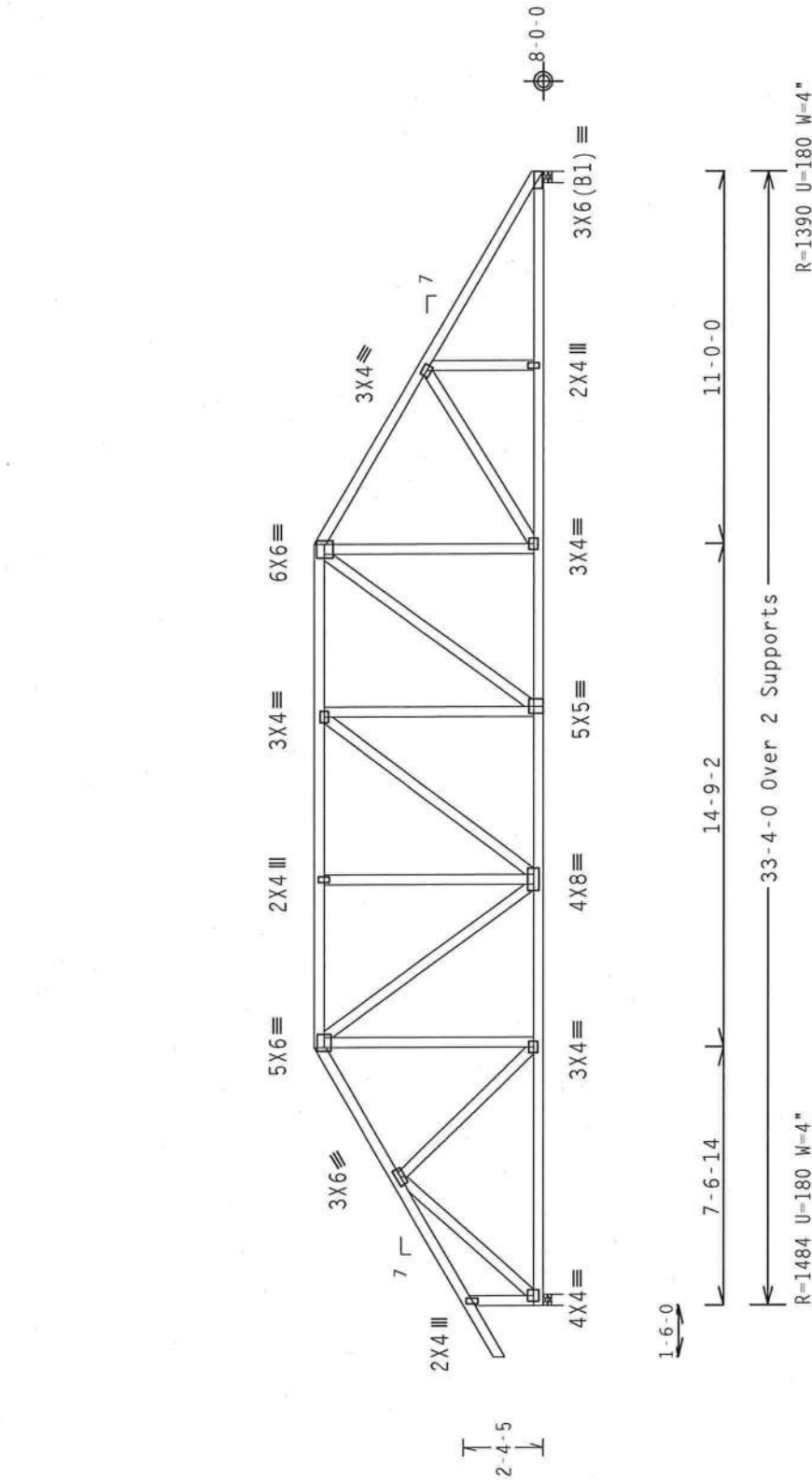
	Top	Bot	SP	#2	N
chord	2x4	2x4	SP	#2	N
chord	2x4	2x4	SP	#2	N
Webs	2x4	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

The overall height of this truss excluding overhang is 6-9-5.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/E/R/-
Scale = .1875" / Ft.

7.25.0503

 $Cq/RT=1.00(1.25)/10(0)$

DESIGN OF THE STUDY

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE STEEL PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND AISC 16000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF RUSSSES.

DESIGN COMPATIBLE WITH AVAILABLE PROVISIONS OF NATIONAL DESIGN SPEC., W/ AFRRP AND TPI. ITW BCG DESIGN COMPANY, 600 WEST 7TH AVENUE, SUITE 200, DENVER, CO 80202-1901, TEL: 303.733.6411, FAX: 303.733.6412

PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 1600-2 THROUGH 1600-10. ALL PLATES SHALL BE 1/2" THICK. ALL BOLTS SHALL BE 1/2" DIA. A SEAL ON THIS INSIDE SURFACE OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-1/2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TPI-1 SEC. 2.



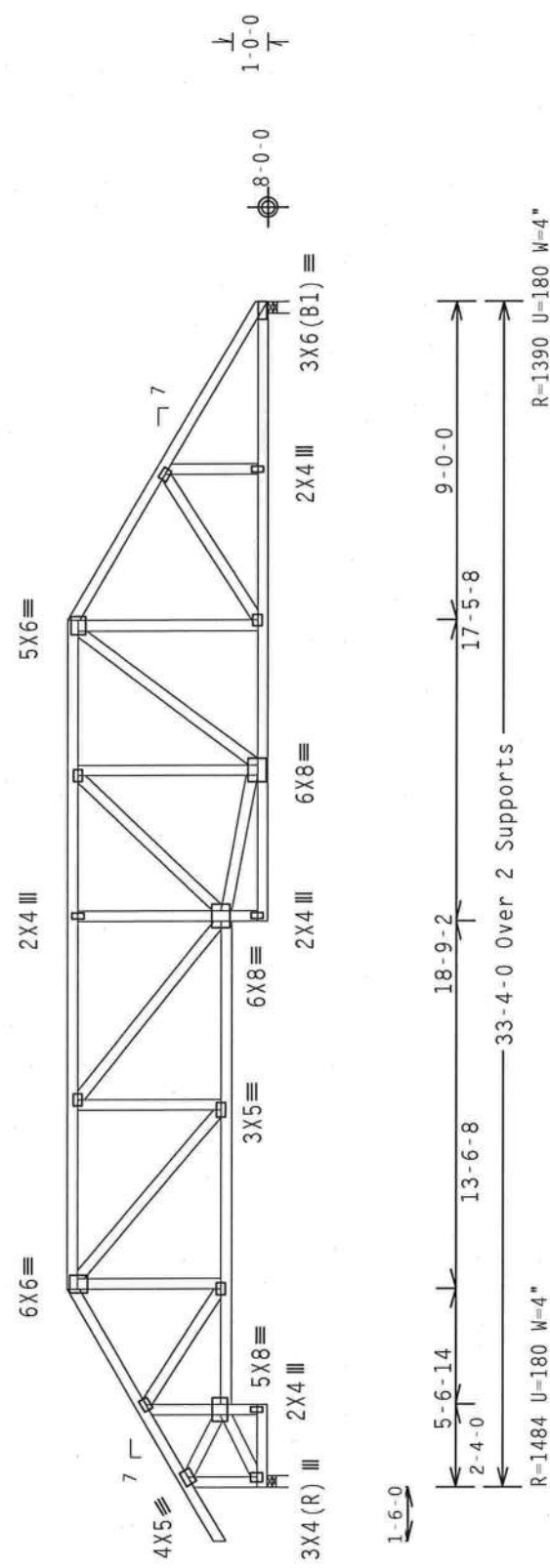
TC LL	20.0	PSF	REF R215-- 73016
TC DL	10.0	PSF	DATE 04/10/07
BC DL	10.0	PSF	DRW HCURS215 07100065
BC LL	0.0	PSF	HC-ENG EC/AP *
TOT.LD.	40.0	PSF	SEQN- 173301
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1T6E215_Z06

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC D1=5.0 psf, wind BC D1=5.0 psf, $I_w=1.00$ GCPI(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5-7-5.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002 (STD) / FBC

PLT TYP. Wave



ALPINE

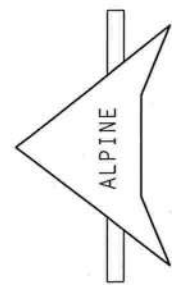
design CRIC: IPT-2002(S10)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/E/R/- Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, IRC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITM BEG CONNECTOR PLATES ARE MADE OF 2018/116GA (4-H/55X6) ASTM A653 GRADE 40/60 (4. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIAMETERS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A3 OF IPT1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>TC LL</td> <td>20.0 PSF</td> <td>REF</td> <td>R215--</td> <td>73017</td> </tr> <tr> <td>TC DL</td> <td>10.0 PSF</td> <td>DATE</td> <td>04/10/07</td> <td></td> </tr> <tr> <td>BC DL</td> <td>10.0 PSF</td> <td>DRW</td> <td>HCUSR215</td> <td>07100066</td> </tr> <tr> <td>BC LL</td> <td>0.0 PSF</td> <td>HC-ENG</td> <td>EC/AP</td> <td>*</td> </tr> <tr> <td>TOT.LD.</td> <td>40.0 PSF</td> <td>SEQN-</td> <td>173297</td> <td></td> </tr> <tr> <td>DUR.FAC.</td> <td>1.25</td> <td>FROM</td> <td>CDM</td> <td></td> </tr> <tr> <td>SPACING</td> <td>24.0"</td> <td>JREF-</td> <td>1T6E215</td> <td>Z06</td> </tr> </table>	TC LL	20.0 PSF	REF	R215--	73017	TC DL	10.0 PSF	DATE	04/10/07		BC DL	10.0 PSF	DRW	HCUSR215	07100066	BC LL	0.0 PSF	HC-ENG	EC/AP	*	TOT.LD.	40.0 PSF	SEQN-	173297		DUR.FAC.	1.25	FROM	CDM		SPACING	24.0"	JREF-	1T6E215	Z06
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TOT.LD.	40.0 PSF	SEQN-	173297																																	
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ITW Building Components Group, Inc.
Haines City, FL 33844

ET Certificate of Authorization # 567



ITW Building Components Group, Inc.
Haines City, FL 33844
El Certificate of Authorization # 567

Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N:
Bot chord 2x6 SP #2 N :B1 2x4 SP #2 N:
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

#1 hip supports 3-6-14 jacks at left end and 7-0-0 jacks at right end. Jacks have 2 panel TC and no end vertical.

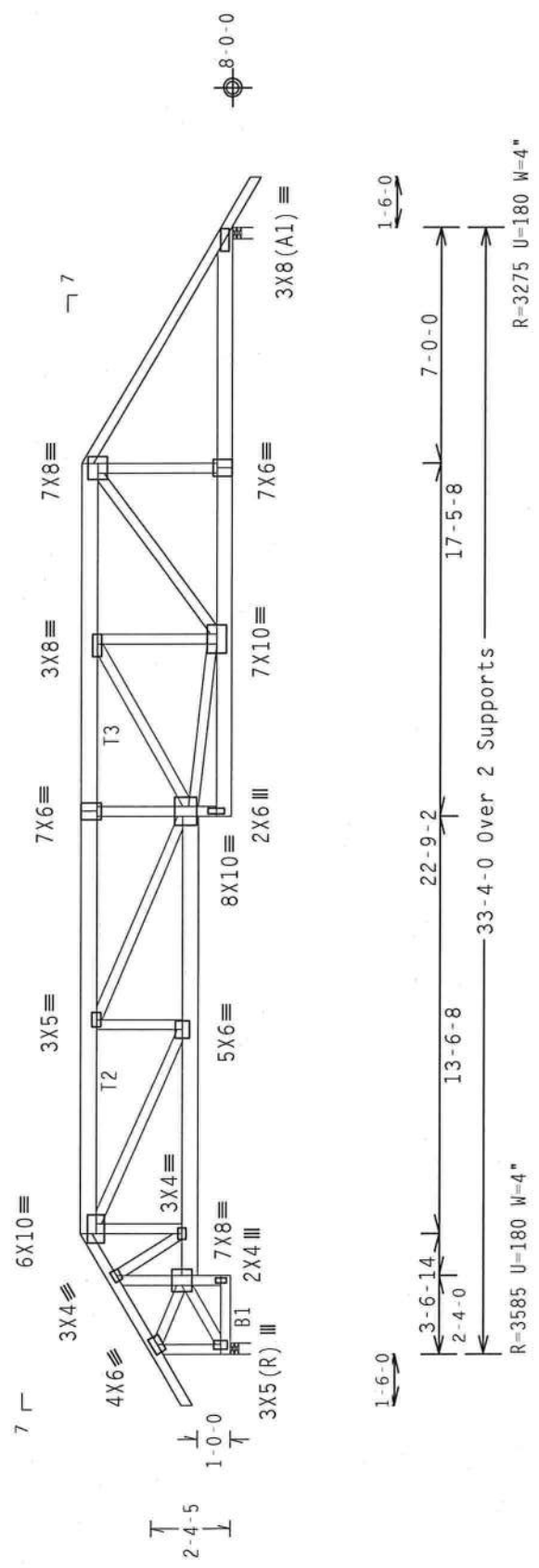
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-5-5.



PLT TYP. Wave
Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0) 7-25.0503 QTY:1 FL/-5/-E/R/- Scale =.1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/1666 (A7/SS/SS) ASH A663 GRADE 40/60 (M, K/H/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY VISUAL INSPECTION OF THE TRUSS COMPONENTS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R215-- 73018
DATE	04/10/07
DRW	HCUSR215 07100085
HC-ENG	EC/AP
SEQN-	173411
FROM	CDM
JREF-	1T6E215_Z06



ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

	Top	chord	2x4	SP	#2	N	:T2	2x6	SP	#2	N:
Bot	chord	2x6	SP	#2	N						
	webs	2x4	SP	#2	N						

1110 mph wind, 15.00 ft mean hot, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

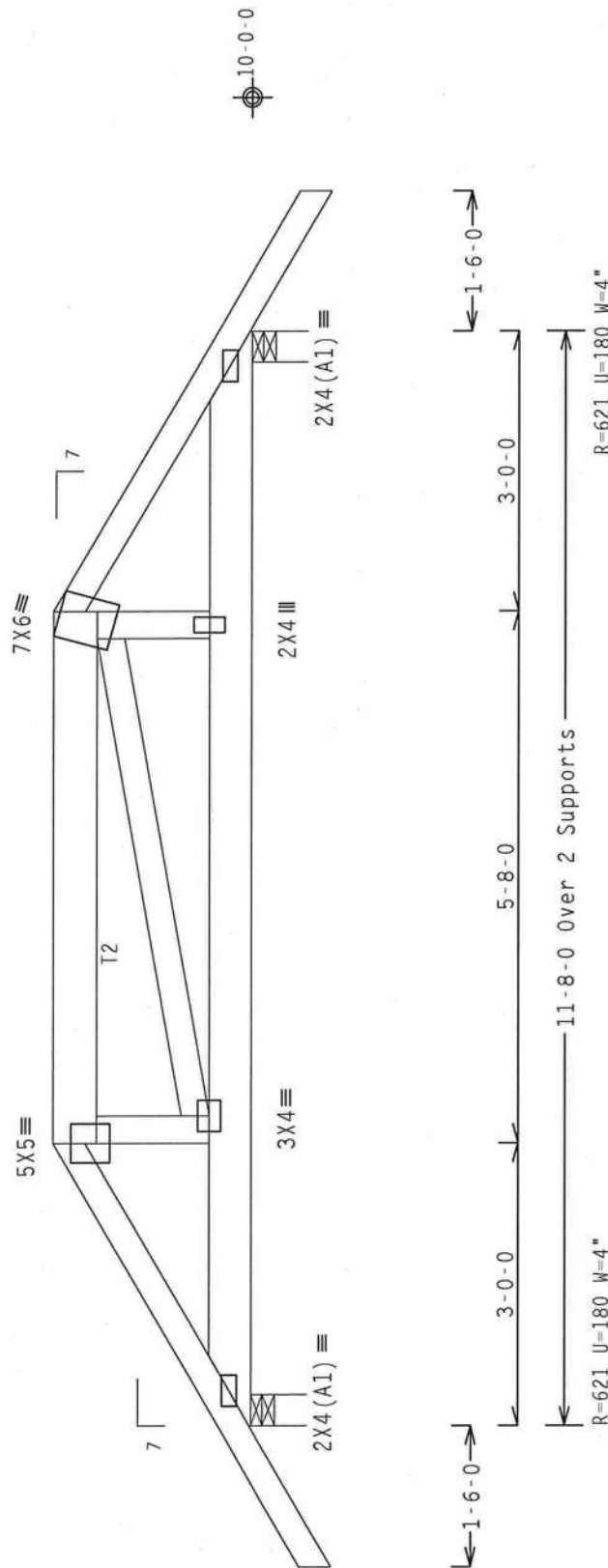
Wind reactions based on MWFRS pressures.

#1 hip supports 3-0-0 jacks with no webs.

The overall height of this truss excluding overhang is 2-1-5.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/

Scale = .5"/Ft.

QTY:1 FL/-/5/-/E/R/-

503. *Quercus*

(0) 7

1.00(1.2

Cg

1230

have

PLT 1

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE CRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

CTC LL	20.0 PSF	REF R215-- 73019
CTC DL	10.0 PSF	DATE 04/10/07

IMPORTANTTURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR AN INVESTIGATION FROM ANY CAUSE OF THE TRUSS IN COMPLIANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES.**

THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TP1. 1TW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/55XK) ASTM A653 GRADE 40/60 (M, K11H-S5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 43 OF TP11-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER AM51/TP1 1 SEC. 2.

HC-ENG EC/AP	FROM CDM
SEQN- 173242	
40.0 PSF	1.25
0.0 PSF	24.0"

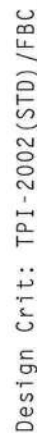


ITW Building Components Group, Inc.
Haines City, FL 33844

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

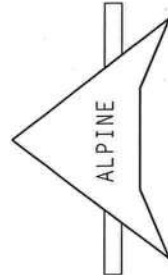
The overall height of this truss excluding overhang is 3-3-5.



0503.00

Scale = .5"/Ft.

REF	R215--	73020
DATE	04/10/07	
DRW	HCHSR215	07100067
HC-ENG	EC/AP	*
SEEN-	173245	
FROM	CDM	
JREF-	1T6E215_Z06	



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 5.83
TC - From 63 PLF at 5.83 to 63 PLF at 11.67
BC - From 20 PLF at 0.00 to 20 PLF at 11.67
BC - 1330 LB Conc. Load at 1.94
BC - 1384 LB Conc. Load at 3.94, 5.94, 7.94, 9.94

Wind reactions based on MWFRS pressures.

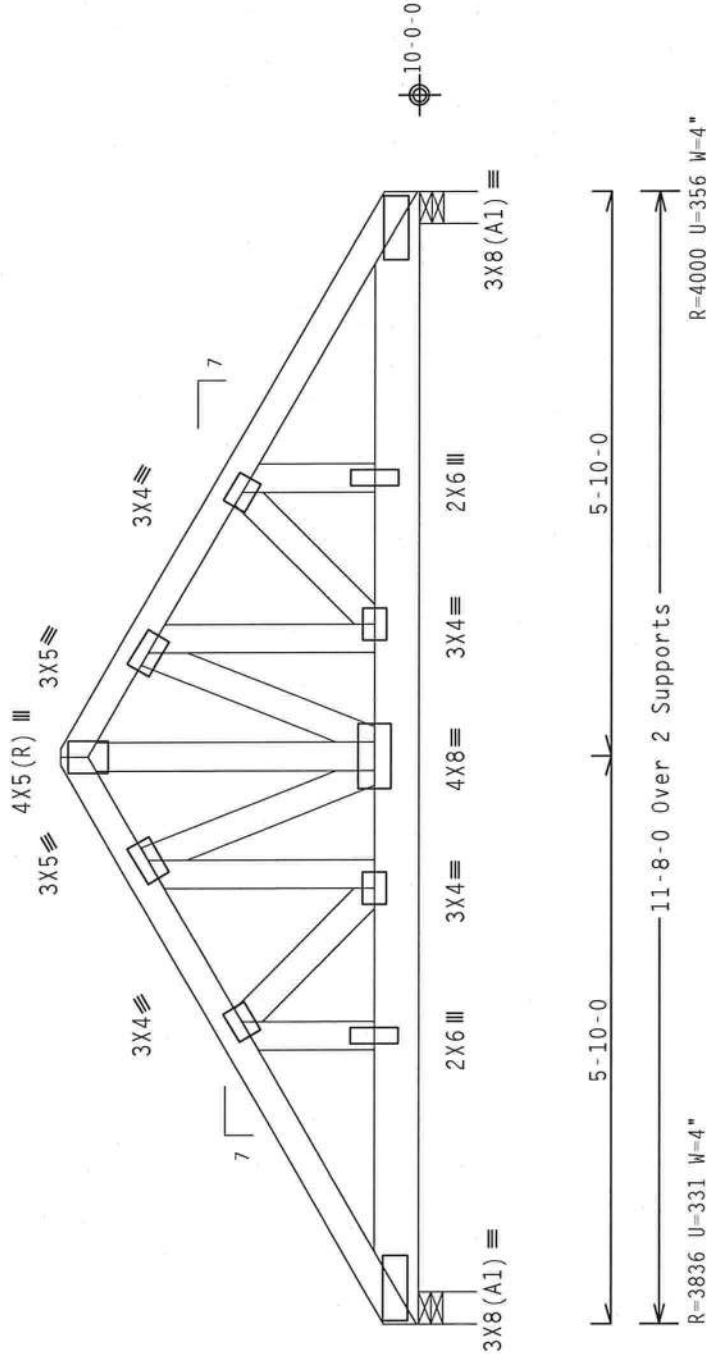
The overall height of this truss excluding overhang is 3-8-9.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind tc DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpl(+/-)=0.18

Deflection meets L/240 live and L/180 total load.



Design Crit: TPI-2002 (STD) / FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503
PLT TYP. Wave

Scale = .5" / Ft.

REF R215-- 73021
DATE 04/10/07
DRW HCUSR215 07100096
HC-ENG EC/AP
SEQN- 173407
FROM CDM
JREF- 1T6E215_Z06

QTY:1 FL/-/5/-E/R/-
TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

APR 10 2007
JAMES E. COLLINS
FLORIDA
PROFESSIONAL ENGINEER
No. 52212

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Haines City, FL 33844
FL Certificate of Authorization # 567

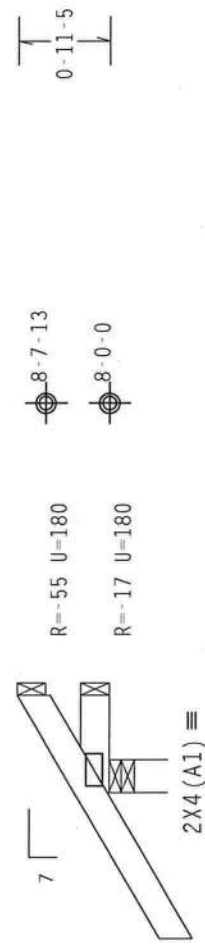
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 0-11-5.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.



R = -55 U=180
R = -17 U=180

0-11-5

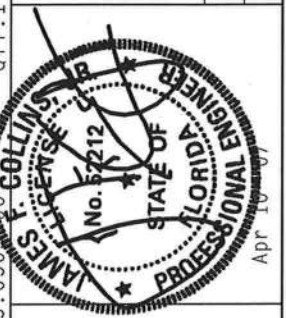
Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0)

Scale = .5"/Ft.

QTY: 1

FL/-/5/-/E/R/-

TC LL	20.0 PSF	REF R215-- 73022
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCUSR215 07100087
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 173216
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T6E215_Z06



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DESIGN REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. (THIS WARNING IS REQUIRED BY AIAA303 AND TPI). ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1564 (IN 17/55/18) 4090 ALUMINUM GRADE 4090 (IN 17/55/18) GALV. STEEL, APPROX. 1/4" THICK. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1004-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 3 SEC. 2.

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Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

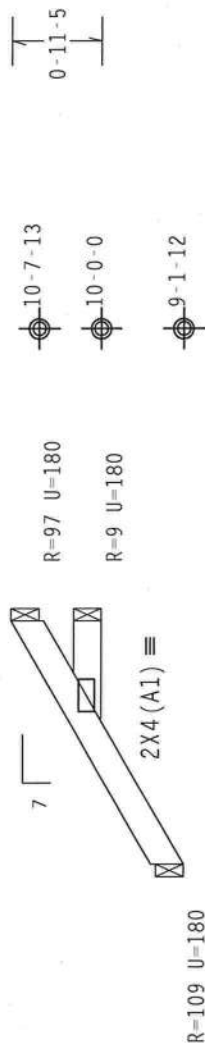
110 mph wind, 15.00 ft mean hat, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 0-11-5.

Structural Fascia Beam to be designed and constructed by others.

Deflection meets L/240 live and L/180 total load.



2-6-0 Over 3 Supports

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$

PLT TYP. Wave

QTY:1

503

FL/-/5/-/E/R/-/

Scale = .5"/Ft.

*WARNING: FRISSES RECEIVE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, UNLOADING, UNFOLDING, AND UNFOLDING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRANE PLATE INSTITUTE, 6200 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND AISC, 1000 TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID JOINT.

TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT. LD.	40.0	PSF
DUR. FAC.	1.25	
SPACING	24.0	"

REF	R215--	73023
DATE	04/10/07	
DRW	HCUSR215	07100089
HC-ENG	EC/AP	
SEQN-	173235	
FROM	CDM	
IRFF-	116E215	706

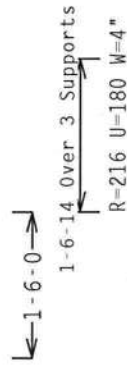
ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

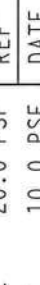
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-3-5.



Design Crit: TPI-2002 (STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.

Scale = .5"/Ft.

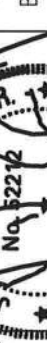


ITW Building Components Group, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCGS (BUILDING COMPONENT SAFETY) INFORMATION, PUBLISHED BY FLORIDA STATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VTCOS (WOOD TRUSS CONSTRUCTION) PUBLISHED BY ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THIS TRUSS. TO BUILD THE TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES, THE TRUSS IN CONFORMANCE WITH DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TP1. 17M BCG CORRECTOR PLATES ARE MADE OF 20/18/16GA (W/45S/K) ASTM A653 GRADE 40/60 (W/4, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANS A3 OF TP11-2002 SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANS1/TP1 1 SEC. 2.



REF	R215 -- 73024	TC LL	20.0 PSF	
DATE	04/10/07	TC DL	10.0 PSF	
DRW	HCUR215 07100068	BC DL	10.0 PSF	
	HC-ENG EC/AP	BC LL	0.0 PSF	
	SEQN- 173282	TOT.LD.	40.0 PSF	
	FROM CDM	DUR.FAC.	1.25	
	JREF- 1T6E215_Z06	SPACING	24.0"	

Apr 10 2007

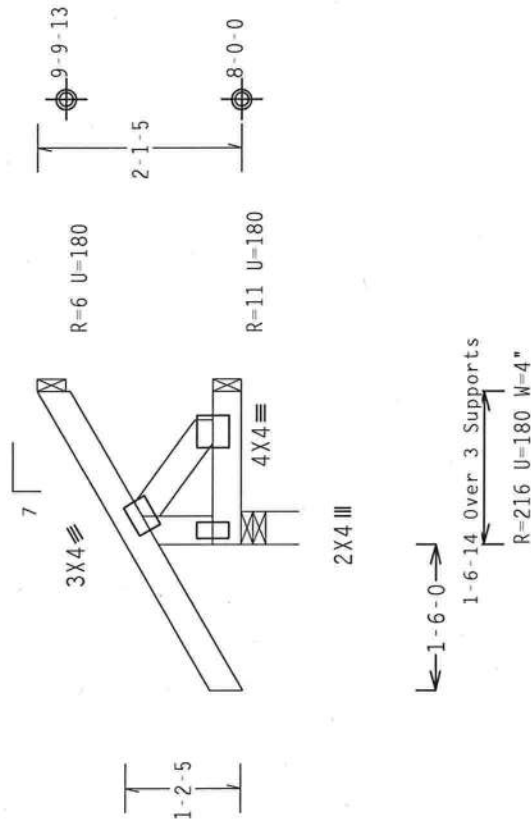
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2-1-5.



Design Crit: TPI-2002(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER. TRUSS COMPANY, 6300 NORTH LEE STREET, SUITE 312, ANDOVER, MA 02314, AND WEAH (WOOD TRUSS COUNCIL OF AMERICA), 5300 ENTERPRISE LANE, WATSONVILLE, CA 95091. FOR SAFETY PRACTICES RELATIVE TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMS.

[illegible]

QTY:1

503

 $Cq/RT=1.00(1.25)/10(0)$

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215- - 73025
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCUSR215 07100069
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 173279
DUR.FAC.	1.25	FROM CDM
SPACING	24.0 "	JREF- 1T6E215_Z06



APR 10 1967

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Haines City, FL 33844
FL Certificate of Authorization # 567

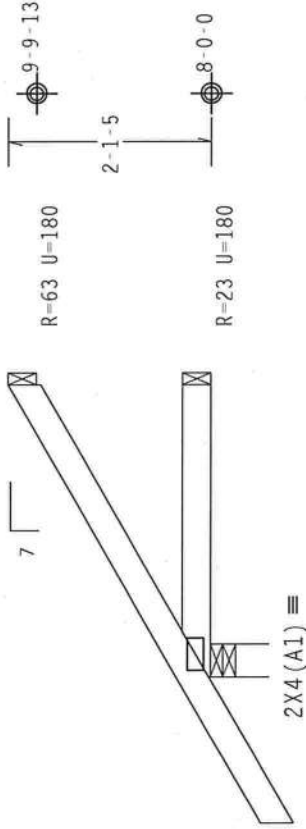
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-1-5.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.



←-1-6-0-→

3-0-0 Over 3 Supports
R=265 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.25.0503

QTY:1 FL/-/5/-/E/R/-

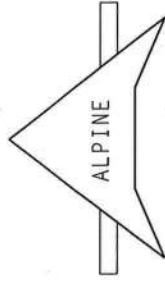
Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

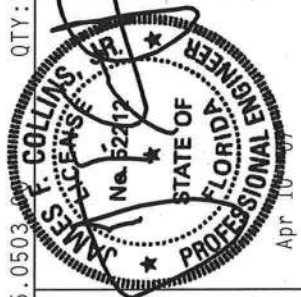
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R215-- 73026
DATE	04/10/07
DRW	HCUSR215 07100070
HC-ENG	EC/AP
SEQN	173221
FROM	CDM
JREF	1T6E215_Z06



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



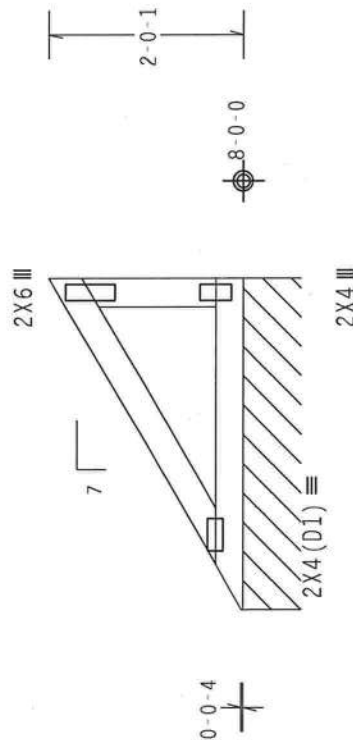
1110 mph wind, 15.00 ft mean hot, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2.0-1.

SEE DWGS A11015EC0405, GBLBRSTD1106, & GBLLETIN1106 FOR
ADDITIONAL REQUIREMENTS.



3-4-13 Over Continuous Support

R-83 PLF U=105 PLF W=3-4-13

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/E/R/- Scale = 5"/Ft.

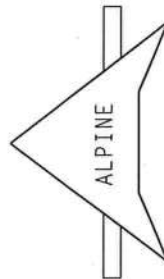
TC LL	20.0 PSF	REF R215 - 73027
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCUSR215 07100071
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 173285
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TGE215_Z06



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER FOR COMPLETE INSTRUCTIONS. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD TRUSS COUNCIL OF AMERICA) 4300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

***** IMPORTANT ***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1-1 OR TABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLIED 2018/171606A (4-1/2X55) ASTM A663 GRADE 50/60 (M. 8/21-55) GALV. STEEL. BCG CONNECTION PLATES ARE MADE 2018/171606A (4-1/2X55) ASTM A663 GRADE 50/60 (M. 8/21-55) GALV. STEEL. ALL DIMENSIONS SHALL BE IN INCHES UNLESS OTHERWISE SPECIFIED. THE DESIGNATION FOR DRINKING WATER SHALL BE 1500LBS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TP11-2002 SPEC. FOR TRUSS COMPONENTS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANNEK/TP1 1 SEC. 2.



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Haines City, FL 33844
FL Certificate of Authorization # 567

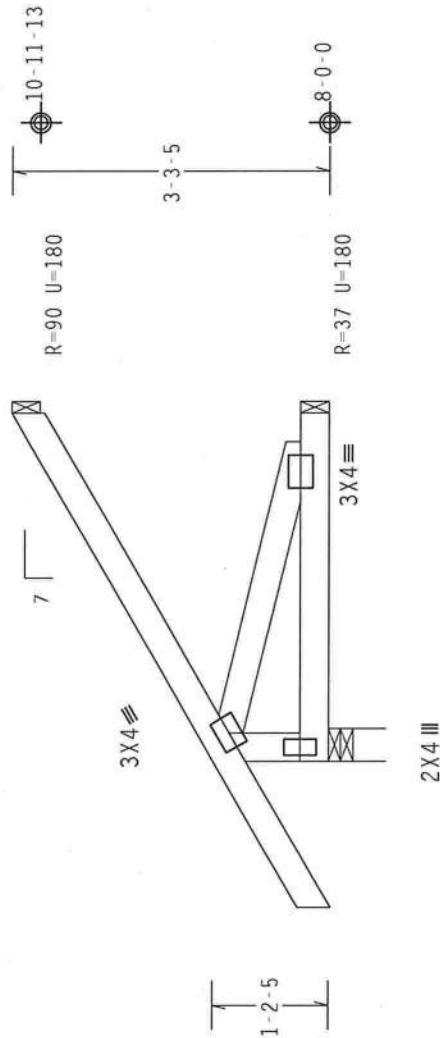
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hot, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-3-5.



1-6-0

3-6-14 Over 3 Supports

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$

PLT TYP. Wave

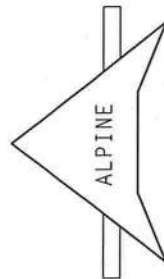
503 Ag... QTY:1

Scale = 5" / Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION (BUILT BY THE BUILT FOR YOU TRUST) AT WWW.BUILTFORYOU.COM, 1701 N. HARTZ AVENUE, SUITE 312, ALEXANDRIA, VA 22304 AND AISC (WOOD TRUSS COUNCIL OF AMERICA) 5 NORTH LEE STREET, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

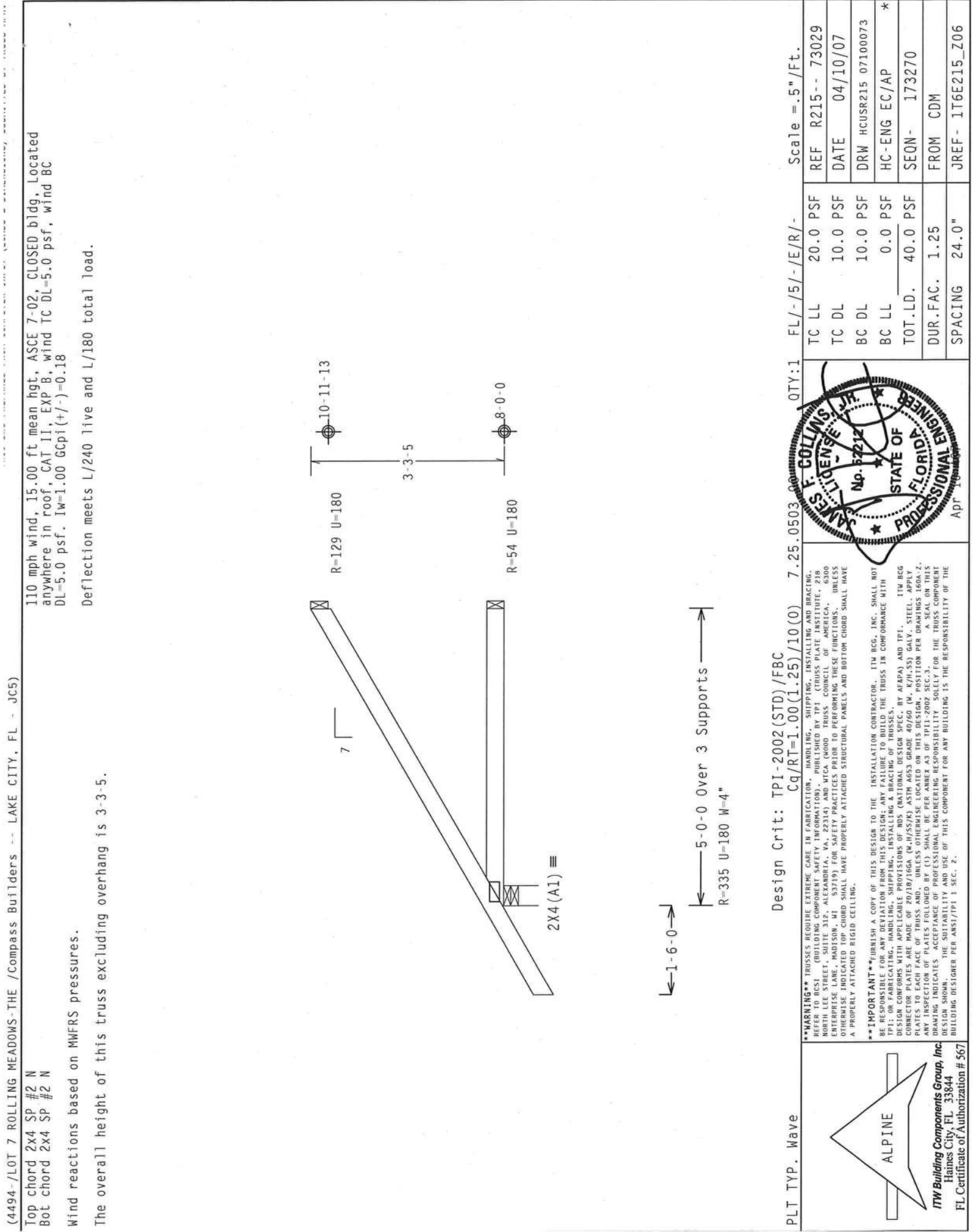
****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN CONFORMS WITH APPLICABLE CODES, REGULATIONS AND BRACING REQUIREMENTS FOR TRUSSES.

CONNECTIONS WITH APPLICABLE PROVISIONS OF THE AISC STEEL EDITIONS (SEE TABLES 8-10, 9-10, 10-10, 10-11, 10-12, 10-13, 10-14, 10-15, 10-16, 10-17, 10-18, 10-19, 10-20, 10-21, 10-22, 10-23, 10-24, 10-25, 10-26, 10-27, 10-28, 10-29, 10-30, 10-31, 10-32, 10-33, 10-34, 10-35, 10-36, 10-37, 10-38, 10-39, 10-40, 10-41, 10-42, 10-43, 10-44, 10-45, 10-46, 10-47, 10-48, 10-49, 10-50, 10-51, 10-52, 10-53, 10-54, 10-55, 10-56, 10-57, 10-58, 10-59, 10-60, 10-61, 10-62, 10-63, 10-64, 10-65, 10-66, 10-67, 10-68, 10-69, 10-70, 10-71, 10-72, 10-73, 10-74, 10-75, 10-76, 10-77, 10-78, 10-79, 10-80, 10-81, 10-82, 10-83, 10-84, 10-85, 10-86, 10-87, 10-88, 10-89, 10-90, 10-91, 10-92, 10-93, 10-94, 10-95, 10-96, 10-97, 10-98, 10-99, 10-100, 10-101, 10-102, 10-103, 10-104, 10-105, 10-106, 10-107, 10-108, 10-109, 10-110, 10-111, 10-112, 10-113, 10-114, 10-115, 10-116, 10-117, 10-118, 10-119, 10-120, 10-121, 10-122, 10-123, 10-124, 10-125, 10-126, 10-127, 10-128, 10-129, 10-130, 10-131, 10-132, 10-133, 10-134, 10-135, 10-136, 10-137, 10-138, 10-139, 10-140, 10-141, 10-142, 10-143, 10-144, 10-145, 10-146, 10-147, 10-148, 10-149, 10-150, 10-151, 10-152, 10-153, 10-154, 10-155, 10-156, 10-157, 10-158, 10-159, 10-160, 10-161, 10-162, 10-163, 10-164, 10-165, 10-166, 10-167, 10-168, 10-169, 10-170, 10-171, 10-172, 10-173, 10-174, 10-175, 10-176, 10-177, 10-178, 10-179, 10-180, 10-181, 10-182, 10-183, 10-184, 10-185, 10-186, 10-187, 10-188, 10-189, 10-190, 10-191, 10-192, 10-193, 10-194, 10-195, 10-196, 10-197, 10-198, 10-199, 10-200, 10-201, 10-202, 10-203, 10-204, 10-205, 10-206, 10-207, 10-208, 10-209, 10-210, 10-211, 10-212, 10-213, 10-214, 10-215, 10-216, 10-217, 10-218, 10-219, 10-220, 10-221, 10-222, 10-223, 10-224, 10-225, 10-226, 10-227, 10-228, 10-229, 10-230, 10-231, 10-232, 10-233, 10-234, 10-235, 10-236, 10-237, 10-238, 10-239, 10-240, 10-241, 10-242, 10-243, 10-244, 10-245, 10-246, 10-247, 10-248, 10-249, 10-250, 10-251, 10-252, 10-253, 10-254, 10-255, 10-256, 10-257, 10-258, 10-259, 10-260, 10-261, 10-262, 10-263, 10-264, 10-265, 10-266, 10-267, 10-268, 10-269, 10-270, 10-271, 10-272, 10-273, 10-274, 10-275, 10-276, 10-277, 10-278, 10-279, 10-280, 10-281, 10-282, 10-283, 10-284, 10-285, 10-286, 10-287, 10-288, 10-289, 10-290, 10-291, 10-292, 10-293, 10-294, 10-295, 10-296, 10-297, 10-298, 10-299, 10-300, 10-301, 10-302, 10-303, 10-304, 10-305, 10-306, 10-307, 10-308, 10-309, 10-310, 10-311, 10-312, 10-313, 10-314, 10-315, 10-316, 10-317, 10-318, 10-319, 10-320, 10-321, 10-322, 10-323, 10-324, 10-325, 10-326, 10-327, 10-328, 10-329, 10-330, 10-331, 10-332, 10-333, 10-334, 10-335, 10-336, 10-337, 10-338, 10-339, 10-340, 10-341, 10-342, 10-343, 10-344, 10-345, 10-346, 10-347, 10-348, 10-349, 10-350, 10-351, 10-352, 10-353, 10-354, 10-355, 10-356, 10-357, 10-358, 10-359, 10-360, 10-361, 10-362, 10-363, 10-364, 10-365, 10-366, 10-367, 10-368, 10-369, 10-370, 10-371, 10-372, 10-373, 10-374, 10-375, 10-376, 10-377, 10-378, 10-379, 10-380, 10-381, 10-382, 10-383, 10-384, 10-385, 10-386, 10-387, 10-388, 10-389, 10-390, 10-391, 10-392, 10-393, 10-394, 10-395, 10-396, 10-397, 10-398, 10-399, 10-400, 10-401, 10-402, 10-403, 10-404, 10-405, 10-406, 10-407, 10-408, 10-409, 10-410, 10-411, 10-412, 10-413, 10-414, 10-415, 10-416, 10-417, 10-418, 10-419, 10-420, 10-421, 10-422, 10-423, 10-424, 10-425, 10-426, 10-427, 10-428, 10-429, 10-430, 10-431, 10-432, 10-433, 10-434, 10-435, 10-436, 10-437, 10-438, 10-439, 10-440, 10-441, 10-442, 10-443, 10-444, 10-445, 10-446, 10-447, 10-448, 10-449, 10-450, 10-451, 10-452, 10-453, 10-454, 10-455, 10-456, 10-457, 10-458, 10-459, 10-460, 10-461, 10-462, 10-463, 10-464, 10-465, 10-466, 10-467, 10-468, 10-469, 10-470, 10-471, 10-472, 10-473, 10-474, 10-475, 10-476, 10-477, 10-478, 10-479, 10-480, 10-481, 10-482, 10-483, 10-484, 10-485, 10-486, 10-487, 10-488, 10-489, 10-490, 10-491, 10-492, 10-493, 10-494, 10-495, 10-496, 10-497, 10-498, 10-499, 10-500, 10-501, 10-502, 10-503, 10-504, 10-505, 10-506, 10-507, 10-508, 10-509, 10-510, 10-511, 10-512, 10-513, 10-514, 10-515, 10-516, 10-517, 10



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0 PSF	REF - R215 - - 73028
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCURSR215 07100072
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 173276
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T6E215_Z06



(4494-/LOT 7 ROLLING MEADOWS-THE /Compass Builders -- LAKE CITY, FL - JC5)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)-0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-3-5.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503 00 QTY:1 FL/-/5/-/E/R/- Scale =.5"/Ft.

PLT TYP. Wave

REF R215-- 73029

DATE 04/10/07

DRW HCUSR215 07100073

HC-ENG EC/AP *

SEQN- 173270

FROM CDM

JREF- 1T6E215_Z06

7

3-3-5

10-11-13

8-0-0

R-129 U=180

R-54 U=180

2X4 (A1)

1-6-0

5-0-0 Over 3 Supports

R-335 U=180 W-4"

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 567

7

3-3-5

10-11-13

8-0-0

R-129 U=180

R-54 U=180

2X4 (A1)

1-6-0

5-0-0 Over 3 Supports

R-335 U=180 W-4"

7

3-3-5

10-11-13

8-0-0

R-129 U=180

R-54 U=180

2X4 (A1)

1-6-0

5-0-0 Over 3 Supports

R-335 U=180 W-4"

7

3-3-5

10-11-13

8-0-0

R-129 U=180

R-54 U=180

2X4 (A1)

1-6-0

5-0-0 Over 3 Supports

R-335 U=180 W-4"

7

3-3-5

10-11-13

8-0-0

R-129 U=180

R-54 U=180

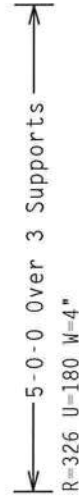
2X4 (A1)

1-6-0

5-0-0 Over 3 Supports

R-335 U=180 W-4"

The overall height of this truss excluding overhang is 3-3-5.



PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO RC51 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS FABRICATING INSTITUTE, 2300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS, COUNCIL OF AMERICA, 100 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THIS DESIGN OR THE TRUSSES DUE TO THE TRUSS IN COMPLIANCE WITH THE TYPE OF FABRICATING, HANDLING, SHIPPING, INSTALLATION AND BRACING. UNLESS OTHERWISE INDICATED, DESIGNER COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG DESIGN CONTRACTS ARE MADE OF 20/18/16GA (H-W/55/24) ASTM A653 GRADE 40/60 (H, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES APPROVAL OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REF R215--	20.0 PSF	73030
DATE 04/10/07	10.0 PSF	
DRW HCUSR215	10.0 PSF	07100074
HC-ENG EC/AP	0.0 PSF	*
SEQN- 173267	TOT. LD.	40.0 PSF
FROM CDM	DUR. FAC.	1.25
JREF- 1T6E215_Z06	SPACING	24.0"



APR 10 07



ALPINE

ITW Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 5671

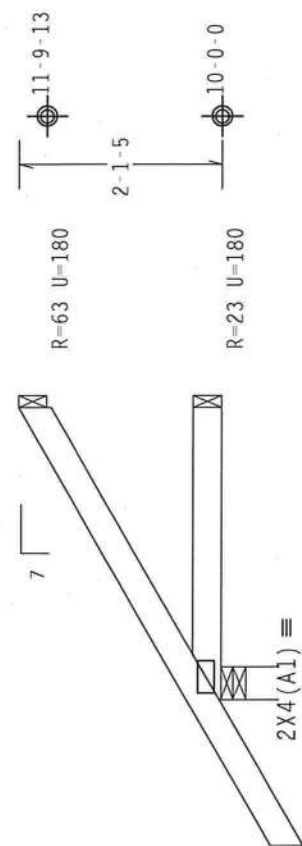
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2-1-5.



1-6-07

3-0-0 Over 3 Supports
R=265 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/E/R/- Scale =.5"/Ft.

PLT TYP. Wave

[illegible]

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG., INC. SHALL NOT BE RESPONSIBLE FOR ANY CONSTRUCTION DETAILS OR FORMS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC.) AND TPI-1. THE REG. DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF ALL MATERIALS AND CONNECTIONS.

CONNECTION PLATES ARE MADE OF 20X18/16GA. (W-9X18) A572M A563 GRADE 40/60 (W-4X18) GALV., STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND OTHER OVERLAP LOCATED ON POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1:2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A515/TPI 1 SEC. 2.



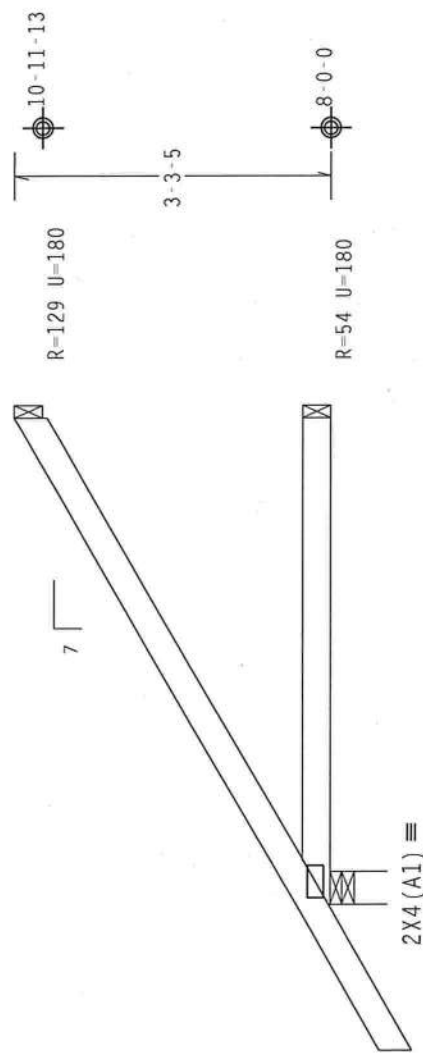
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TC DL	10.0	PSF	DATE	04/10/07	
BC DL	10.0	PSF	DRW	HCUSR215	07100075
BC LL	0.0	PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0	PSF	SEQN-	173238	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T6E215_Z06	

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, wind Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-3-5.



1-6-0

5-0-0 Over 3 Supports

R=335 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/E/R/- Scale =.5"/Ft.

503

(0)

25)

2005

 $RT =$

—C

5

100

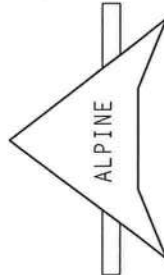
re

1. c.

17

WARNING: TRUSSES REQUIRE EXTREME CARE IN INSTALLATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LANE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WFOA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN DRAWINGS, HANDLING, SHIPPING, INSTALLING & BRACING OF THESE TRUSSES, OR THE USE OF CONNECTOR PLATES WITH DIMENSIONS DIFFERENT THAN SPECIFIED BY AF&PA AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA. (N/A/S/K) ASTM A563 GRADE 40/60. C/W-55% GALV. STEEL. APPX. 17 LB. PER SQ. YD. PLATES TO EACH FACE OF TRUSS AND OTHERS OTHERWISE NOTED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z. IF ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER ANNEX A OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



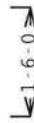
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0	PSF	REF R215-- 73032
TC DL	10.0	PSF	DATE 04/10/07
BC DL	10.0	PSF	DRW HCUSR215 07100076
BC LL	0.0	PSF	HC-ENG EC/AP *
TOT.LD.	40.0	PSF	SEQN- 173226
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1T6E215_Z06

(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CL05ED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

The overall height of this truss excluding overhang is 4-5-5.



503 0TY:1 FL/-/5/-/F/R/- Scale = 375"/Ft.

TC LL	20.0	PSF	REF R215-- 73033
TC DL	10.0	PSF	DATE 04/10/07
BC DL	10.0	PSF	DRW HCUSR215 07100089
BC LL	0.0	PSF	HC-ENG EC/AP
TOT.LD.	40.0	PSF	SEQN- 173289
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1T6E215_Z06



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

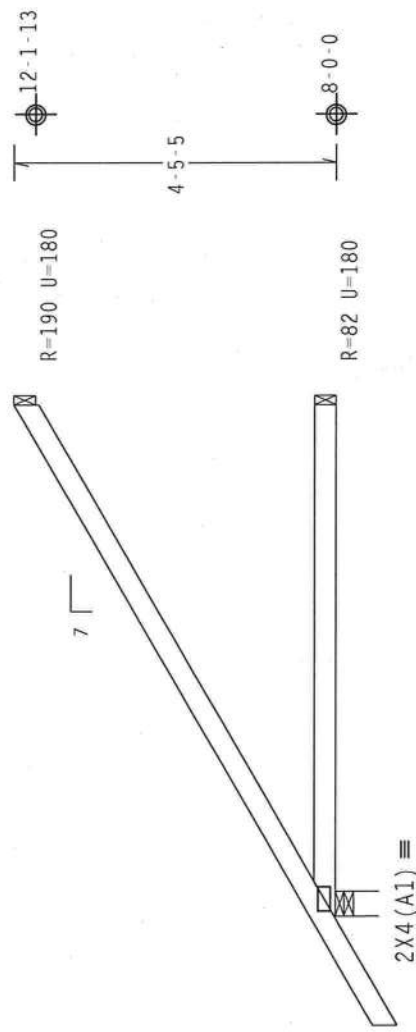
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-5-5.



LE 1-6-07

7-0-0 Over 3 Supports

R=412 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/E/R/-
Scale = .375" / Ft.

 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0503.00

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANCO INC., SHIPPING, INSTALLING AND BRACING, REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER. HANCO TRUSSES, 2100 NORTH LEE STREET, SUITE 312, ANDOVER, MA 02464, AND VICA (WOOD TRUSS, CONNECTOR AND SHEET PILING) ENTERPRISE LLC, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CINGING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROUSS IN COMPLIANCE WITH THIS DESIGN, OR FOR FABRICATING, SHIPPING, INSTALLING & BRACING OF TROUSSES. ITW BCG HAS DESIGNED THE TROUSSES TO MEET THE DESIGN SPEC. BY ATRPS AND TPI. THE TROUSSES ARE MADE OF 1010/1015 STEEL. THE CONNECTOR PLATES ARE MADE OF 1010/1015 STEEL. THE PLATES TO EACH FACE OF TROUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R215-- 73034
TC DL	10.0 PSF	DATE	04/10/07
BC DL	10.0 PSF	DRW	HCUSR215 07100077
BC LL	0.0 PSF	HC-ENG	EC/AP *
TOT.LD.	40.0 PSF	SEQN-	173273
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T6E215_Z06

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
:Lt	Wedge	2x6	SP	#2	N

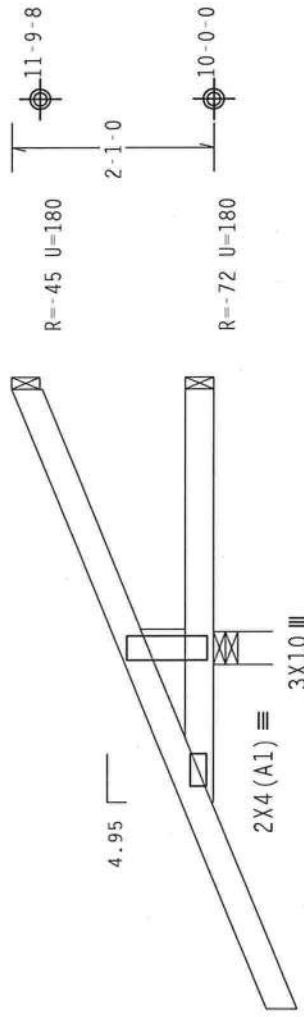
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Sub-fascia beam assumptions: 4-6-0 sub-fascia beam on the 1-0-0 cantilever side, 4-6-0 sub-fascia beam on the 1-0-0 cantilever side.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2.1-0.


$$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$$

← 4-2-15 Over 3 Supports →

R=403 II=180 W=4"

Design Crit: TPI-2002(STD)/FBC

503.00 QTY:1 FL/-/5/-/E/R/- Scale =.5"/Ft.

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL WORK SHOULD BE DONE BY PERSONNEL WHO HAVE BEEN SPECIFICALLY TRAINED FOR THIS TYPE OF WORK. THE FOLLOWING INFORMATION IS NOT INTENDED TO REPLACE ANY OTHER SAFETY PRACTICES OR PROCEDURES THAT MAY BE REQUIRED BY YOUR COMPANY'S POLICIES OR LOCAL, STATE OR FEDERAL REGULATIONS.

FOR MORE INFORMATION CONTACT:

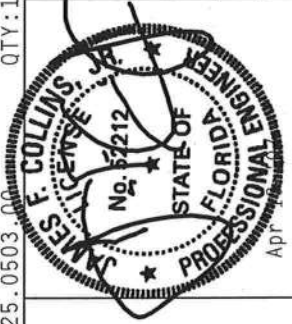
WORTH LEE STREET, SUITE 302, ALEXANDRIA, VA 22304 • TEL: 703-689-1111 • FAX: 703-689-1112

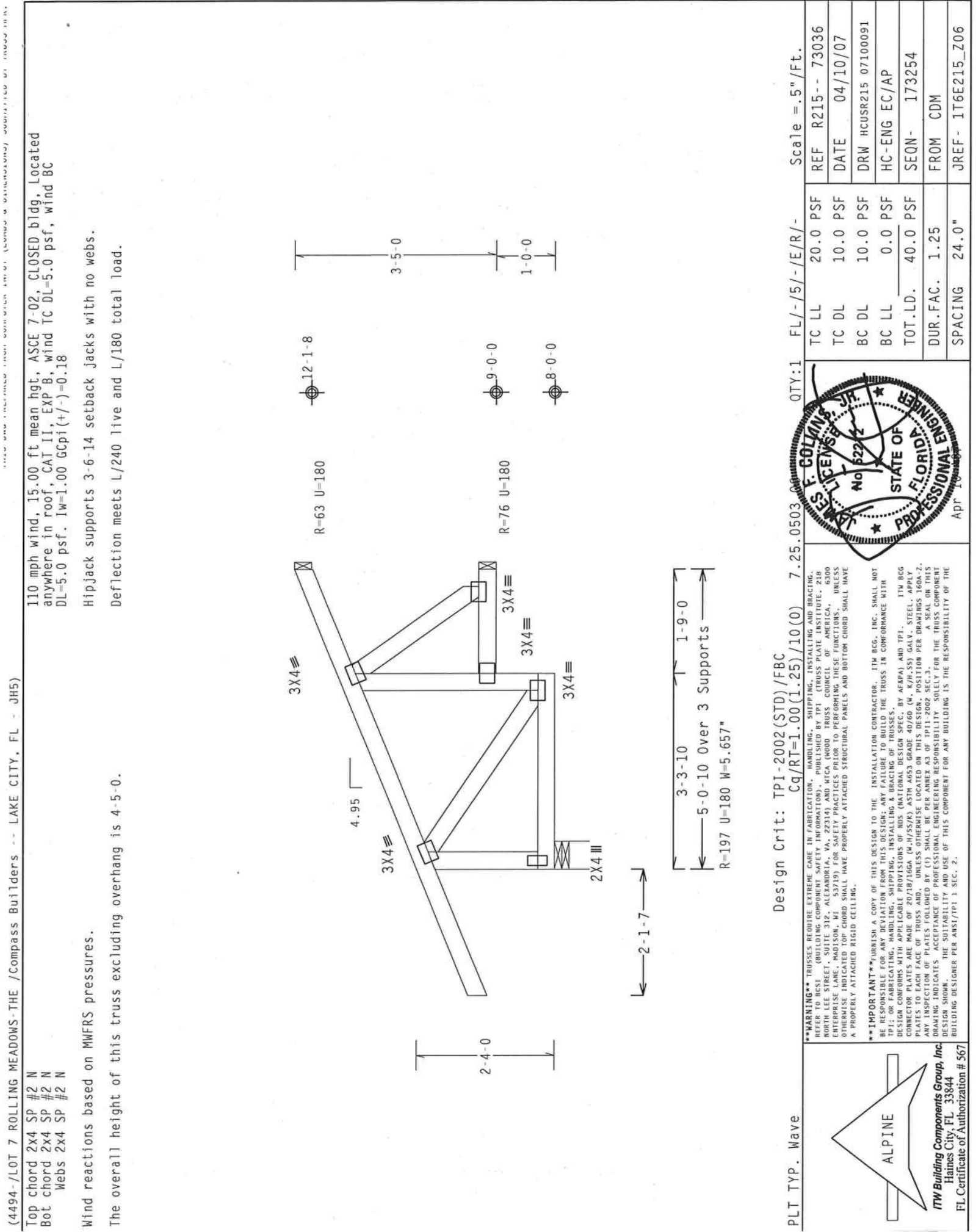
ENTERPRISE LINE, HADISON, MI 48375 • TEL: 517-571-7100 • FAX: 517-571-7101

OTHERS ARE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DRAWING, UNLESS THE SHIPPING, INSTALLING & BACING OF THESE TRUSSES BY AIRPAC AND TPI, ITW BCG, INC. COOPERATING WITH THE CONTRACTOR, IS THE CAUSE OF THE FAILURE. THE TRUSSES AND ALL STEEL APPLIED CONNECTOR PLATES ARE MADE OF 20/18/16GA. (N/A-H/25/3) ASTM A575/581 GRADE 40/60 (4 K/55) GALV. STEEL APPLIED PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI SEC. 2.

TC LL	20.0	PSF	REF	R215--	73035
TC DL	10.0	PSF	DATE	04/10/07	
BC DL	10.0	PSF	DRW	HCUSR215	07100090
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	173229	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T6E215_Z06	





(4494--/LOT 7 ROLLING MEADOWS-THE /Compass Builders -- LAKE CITY, FL - JH5)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 4-5-0.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)=0.18

Hipjack supports 3-6-14 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503

PLT TYP. Wave

Scale = .5"/Ft.

REF R215-- 73036
DATE 04/10/07
DRW HCUSR215 07100091
HC-ENG EC/AP
SEQN- 173254
FROM CDM
JREF- 1T6E215_Z06

TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

QTY:1 FL/-/5/-/E/R/-

FLORIDA PROFESSIONAL ENGINEER
No. 62222
APR 10 2007

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

ALPINE

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Haines City, FL 33844
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Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

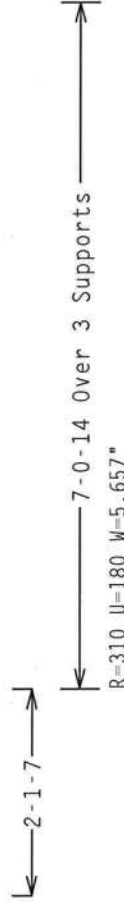
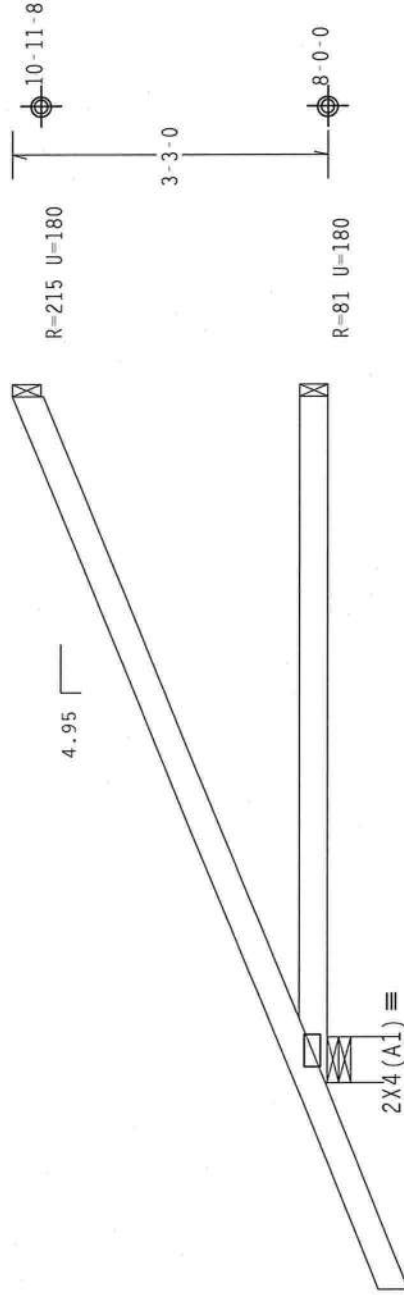
Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Hipjack supports 5-0-0 setback jacks with no webs.

The overall height of this truss excluding overhang is 3-3-0.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503

PLT TYP. Wave

Scale = .5"/Ft.

REF R215-- 73037

DATE 04/10/07

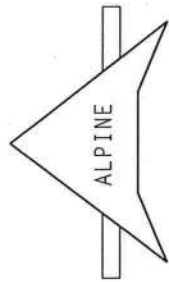
DRW HCUSR215 07100092

HC-ENG EC/AP

SEQN- 173213

FROM CDM

JREF- 1T6E215_Z06

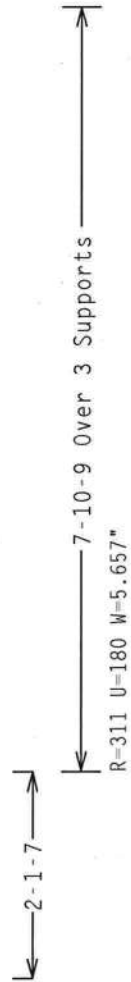


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Haines City, FL 33844 # 567
FL Certificate of Authorization

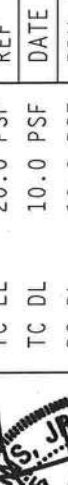


Apr 10 '07

The overall height of this truss excluding overhang is 4.5-0.



PLT TYP. Wave



ITW Building Components Group, Inc.
Haines City, FL 33844
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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCG'S (BUILDING COMPONENT GROUP) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 WOODLAND STREET, ALTOONA, ILLINOIS 61710, FOR ALL TRUSS MANUFACTURING AND ERECTION PRACTICES. ALWAYS FOLLOW THE ENTERPRISE LANE, HADISON, MI 53219) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN COMPLIANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/J/SS/R) ASTM A653 GRADE 40/60 (M, K/J/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1:2002 SEC.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



APR 1 2002

TC LL	20.0	PSF	REF	R215--	73038
TC DL	10.0	PSF	DATE	04/10/07	
BC DL	10.0	PSF	DRW	HCUSR215	07100093
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	173249	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T6E215_Z06	

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

11110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

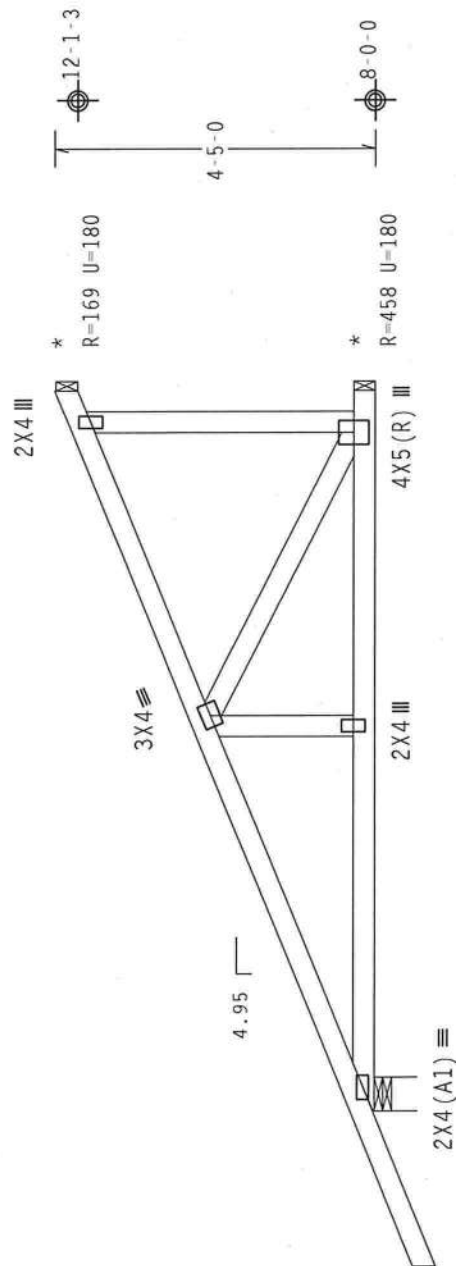
Wind reactions based on MWFRS pressures.

Hipjack supports 7-0-0 setback jacks with no webs.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-5-0.

* Toenail allowed based on average reaction.



2-1-7

9-10-13 Over 3 Supports

R=466 U=180 W=5.657"

Design Crit: TPI-2002(STD)/FBC

QTY: 1 FL / - / 5 / - / E / R / - Scale = .375" / Ft.

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BEFORE ANY TRUSS COMPONENTS ARE INSTALLED BY THE USER, THEY MUST BE PROPERLY IDENTIFIED BY THE MANUFACTURER'S IDENTIFICATION SYSTEM. THIS INFORMATION IS LOCATED ON THE TOP CHORD OF EACH TRUSS AT THE JOINT BETWEEN THE TOP CHORD AND THE BOTTOM CHORD. THE IDENTIFICATION SYSTEM CONSISTS OF A LETTER AND A NUMBER. THE LETTER INDICATES THE TYPE OF TRUSS AND THE NUMBER INDICATES THE SIZE OF THE TRUSS. THE IDENTIFICATION SYSTEM IS AS FOLLOWS:

TRUSS TYPE	TRUSS SIZE
A	10'
B	12'
C	14'
D	16'
E	18'
F	20'
G	22'
H	24'
I	26'
J	28'
K	30'
L	32'
M	34'
N	36'
O	38'
P	40'
Q	42'
R	44'
S	46'
T	48'
U	50'
V	52'
W	54'
X	56'
Y	58'
Z	60'

THE IDENTIFICATION SYSTEM IS LOCATED ON THE TOP CHORD OF EACH TRUSS AT THE JOINT BETWEEN THE TOP CHORD AND THE BOTTOM CHORD. THE IDENTIFICATION SYSTEM CONSISTS OF A LETTER AND A NUMBER. THE LETTER INDICATES THE TYPE OF TRUSS AND THE NUMBER INDICATES THE SIZE OF THE TRUSS. THE IDENTIFICATION SYSTEM IS AS FOLLOWS:

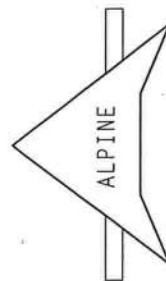
TRUSS TYPE	TRUSS SIZE
A	10'
B	12'
C	14'
D	16'
E	18'
F	20'
G	22'
H	24'
I	26'
J	28'
K	30'
L	32'
M	34'
N	36'
O	38'
P	40'
Q	42'
R	44'
S	46'
T	48'
U	50'
V	52'
W	54'
X	56'
Y	58'
Z	60'

OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RIS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. TPI ON FABRICATING, INSTALLING, SHIPPING, RESTRAINTING AND BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (0.075/0.55)K LATH 40/60 (N, K/JH-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, WHERE APPROPRIATE LOCATED ON THIS DESIGN, POSITIONED PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC., 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF R215-- 73039
TC DL	10.0 PSF	DATE 04/10/07
BC DL	10.0 PSF	DRW HCURSR215 07100094
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 173264
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T6E215_Z06

MAX CABLE VERTICAL LENGTH																		
2X4 GABLE VERTICAL SPACING		BRACE		NO BRACES	(1) 1X4 "L" BRACE •				(1) 2X4 "L" BRACE •				(1) 2X6 "L" BRACE •				(2) 2X6 "L" BRACE •	
		SPECIES	GRADE		GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
12" O.C.	SPF	#1 / #2	#3	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"		
	HF	STUD	STANDARD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"		
	SP	#1	#2	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"		
	DFL	#3	STUD	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"		
24" O.C.	SPF	#1 / #2	#3	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	HF	STUD	STANDARD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	SP	#1	#2	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	DFL	#3	STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
16" O.C.	SPF	#1 / #2	#3	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	HF	STUD	STANDARD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	SP	#1	#2	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	DFL	#3	STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
12" O.C.	SPF	#1 / #2	#3	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	HF	STUD	STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	SP	#1	#2	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		
	DFL	#3	STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER
CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

CABLE END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2" 0" OVERHANG, OR 12" PLYWOOD OVERHANG

ATTACH EACH "L" BRACE WITH 10d NAILS.

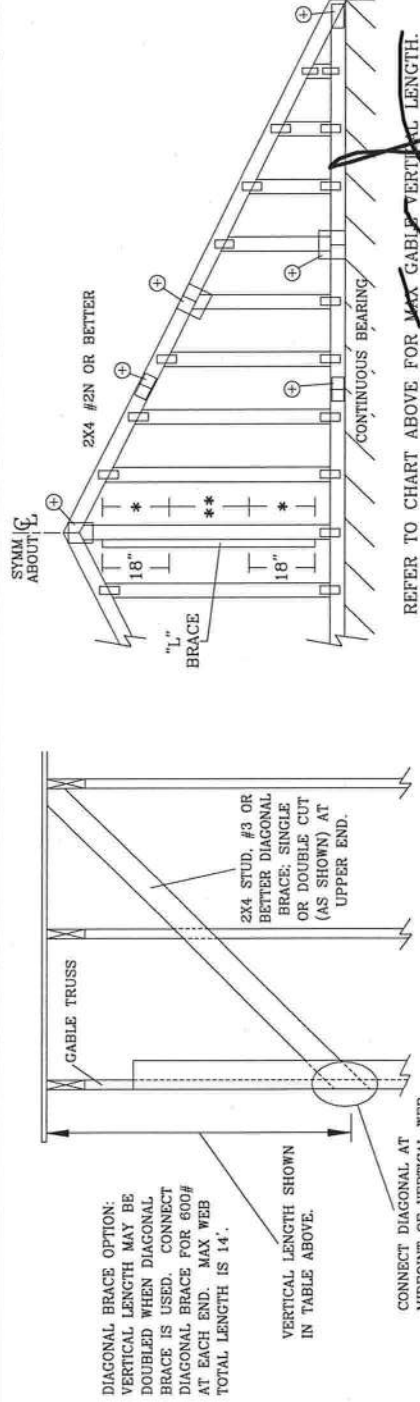
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

**** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.**

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

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT	2X4
LESS THAN 11' 6"	
GREATER THAN 11' 6"	2.5X4

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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO EACH BUILDING COMPONENT SAFETY INSTRUCTIONS PUBLISHED BY THE MANUFACTURER. **TRUSSING CONSULTANTS:** 218 NORTH LEE ST., SUITE 312, ALEXANDRIA, VA 22304, AND WCA A-600, TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719. FIRE SAFETY PRACTICES PRIOR TO PERFORMING THE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG INC. SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONFORMANCE WITH TPI OR FABRICATING HANDLING SHIPPING, INSTALLING, ERECTION OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS IN AISC NATIONAL DESIGN SPEC. BY AF&P AND TPI. TVT BCG CONNECTOR PLATES ARE MADE OF 2018/16GA ALU/HSS ASH A653 GRADE 40/60 ALU/HSS GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PERFORMED BY AN ENGINEER. THE ENGINEER ASSUMES FULL RESPONSIBILITY SOLELY FOR THE SUITABILITY OF THE TRUSS COMPONENT DESIGN SHOWN. THE BUILDING DESIGNER'S LIABILITY FOR THE SUITABILITY OF USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

MAX. TOT. LD. 60 PSF

MAX. SPACING	24.0"
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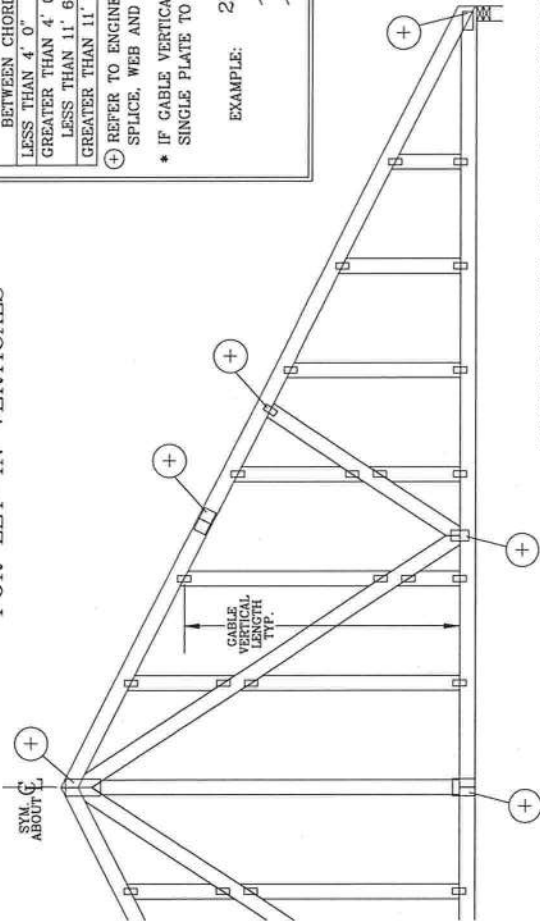
REF	ASCE7-02-GAB11015
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DATE 2/23/07

DRWG A11015FE0207

- ENC

GABLE DETAIL FOR LET-IN VERTICALS



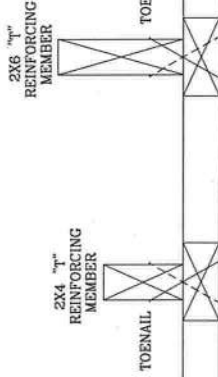
GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

EXAMPLE:



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3.3" MIN) TOENAILS AT 4" O.C. PLUS

(4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE

OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN0207, A10015EN0207, A09015EN0207, A07015EN0207,

A11030EN0207, A10030EN0207, A09030EN0207, A07030EN0207

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC0207, A12015EC0207, A11015EC0207, A08515EC0207,

A13030EC0207, A12030EC0207, A11030EC0207, A08530EC0207

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0207, A12015EE0207, A11015EE0207, A08515EE0207,

A13030EE0207, A12030EE0207, A11030EE0207, A08530EE0207

ASCE 7-05 GABLE DETAIL DRAWINGS

A13015ES0207, A12015ES0207, A11015ES0207, A08515ES0207,

A13030ES0207, A12030ES0207, A11030ES0207, A08530ES0207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., INDICATED, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE SPECIFIED, ALL PANELS AND ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CHORD.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AIA (AMERICAN INSTITUTE OF ARCHITECTS) AND TPI (TRUSS PLATE INSTITUTE) FOR TRUSS AND JOINTS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE FABRICATED IN GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND JOINTS. OTHER JOINTS LOCATED ON THE TRUSS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REF LET-IN VERT

DATE 2/23/07

DRWG GBLLETIN0207

-ENG DLJ/KAR

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"



ITW BUILDING COMPONENTS GROUP, INC.

POMPANO BEACH, FLORIDA

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

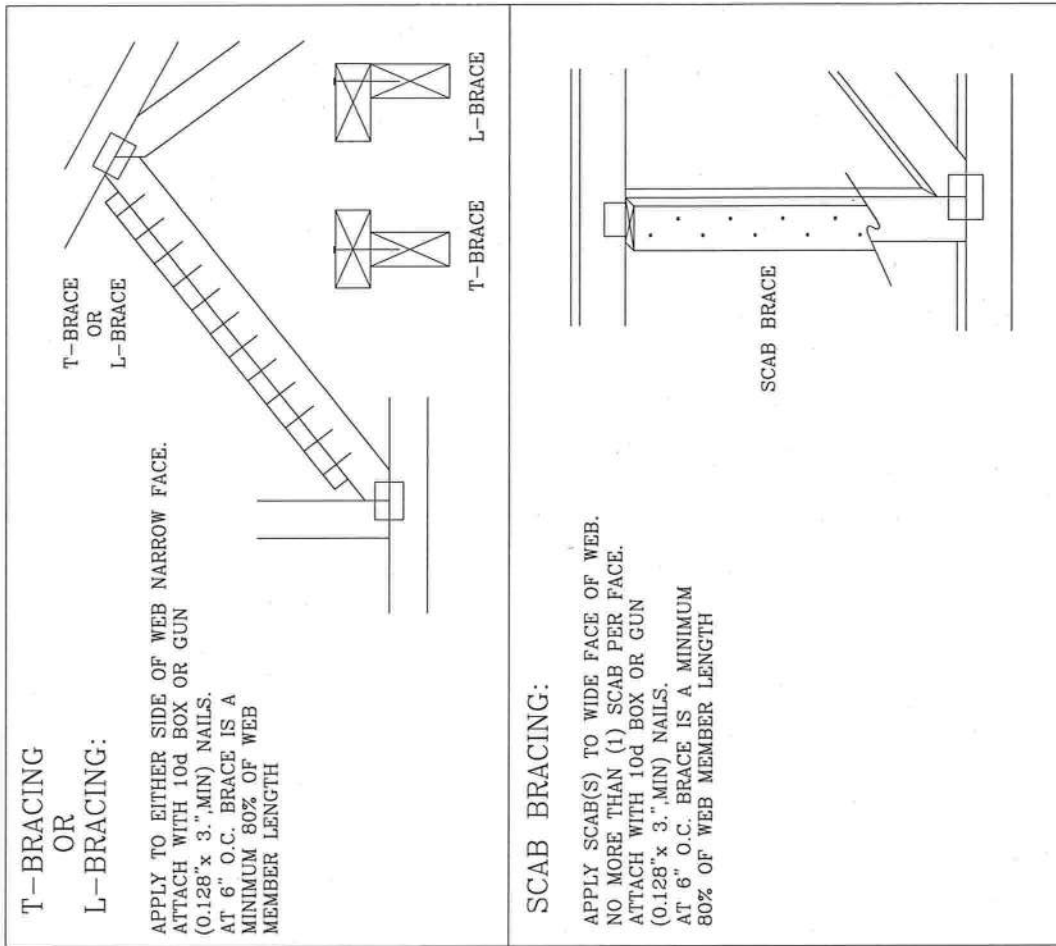
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

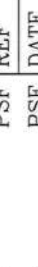
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



THIS DRAWING REPLACES DRAWING 579,640



ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANOA BEACH, FLORIDA

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND ERECTING. BEST PRACTICES FOR TRUSS DESIGN, FABRICATION, AND ERECTION ARE PUBLISHED BY THE TRUSS INSTITUTE, 916 NORTH 10TH STREET, SUITE 200, ARLINGTON, VA 22201-4400. IN THE UNITED STATES OF AMERICA, 6300 ENTERPRISE LN., WADSWORTH, VI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW, BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THIS DESIGN. ANY CHANGES TO THE BUILDING DESIGN CONFORMANCE WITH ITW OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND ITW. ITW, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/X) ASTM A653 GRADE 40/60 (W/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER SPACING 1600Z. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PER PERMANENT RECORD. ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE DESIGNER. THE ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL

TC DL

BC DL

BC LL

TOT. LD.

DUR. FAC.

SPACING

PSF

PSF

PSF

PSF

PSF

PSF

REF

DATE

DRWG

-ENG

CLB SUBST.

2/23/07

BRCCLBSUB0207

MLH/KAR

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

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

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

25845

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB100476 Company Phone No. 386-756-9811
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Tompson Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 253 S.W. Morning Glory Dr.
Lake City, FL 32055
Lot 7 Rolling Meadows
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside _____ Inside _____ Type of Fill _____

Section 4: Treatment Information

Date(s) of Treatment(s) 8-9-07
Brand Name of Product(s) Used Bora-Toro
EPA Registration No. 64405-1
Approximate Final Mix Solution % 1.23%
Approximate Size of Treatment Area: Sq. ft. 2143 Linear ft. _____ Linear ft. of Masonry Voids _____
Approximate Total Gallons of Solution Applied 4 1/2
Was treatment completed on exterior? ☒ Yes ☐ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments Treated All Walls

Name of Applicator(s) Steve Branno Certification No. (if required by State law) JB104376

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

Applicator Signature [Signature] Date 8-9-07

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

Form 9-B may still be used

form HUD-NPCA-99-B (04/2003)

COLUMBIA COUNTY OFFICE OF THE SHERIFF

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 15-4S-16-03023-507

Building permit No. 000025845

Use Classification SFD, UTILITY

Fire: 38.52

Permit Holder JACOB KIRSCH

Waste: 100.50

Owner of Building SOUTHERN DEVELOPERS

Total: 139.02

Location: 253 SW MORNING GLORY DR, LAKE CITY, FL

Date: 04/11/2008

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

