

DATE03/27/2007

Columbia County Building Permit

PERMIT000025655

This Permit Expires One Year From the Date of Issue

APPLICANTLINDA RODER

PHONE752-2281

ADDRESS387SW KEMP COURT

LAKE CITYFL32024

OWNERANDY CRAWLEY

PHONE

ADDRESS397SW OAKWOOD COURT

LAKE CITYFL32024

CONTRACTORROGER WHIDDON

PHONE867-0812

LOCATION OF PROPERTY

47S, TR ON 240, TR ON MAULDIN, TR ON DOCKERY LANE, TL ON OAK COURT, 9TH LOT ON RIGHT

TYPE DEVELOPMENTSFD,UTILITY

ESTIMATED COST OF CONSTRUCTION96250.00

HEATED FLOOR AREA1925.00

TOTAL AREA2646.00

HEIGHT

STORIES1

FOUNDATIONCONC

WALLSFRAMED

ROOF PITCH8/12

FLOORSLAB

LAND USE & ZONINGA-3

MAX. HEIGHT22

Minimum Set Back Requirments:

STREET-FRONT30.00

REAR25.00

SIDE25.00

NO. EX.D.U.0

FLOOD ZONEX PP

DEVELOPMENT PERMIT NO.

PARCEL ID34-4S-16-03276-110

SUBDIVISIONHUNTERS OAK

LOT10

BLOCK

PHASE

UNIT

TOTAL ACRES

000001354

CRC1328025

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

CULVERT

07-227

BK

JH

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS:

ONE FOOT ABOVE THE ROAD, NOC ON FILE

SEC 2.3.1 LEGAL NON-CONFRMING LOT OF RECORD

Check # or Cash

384

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 \$485.00

CERTIFICATION FEE \$13.23

SURCHARGE FEE \$13.23

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 FEE611.46

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 INCONVIENCE. 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.

Lot 10 Hunters Oak

CK# 384

Cell. 46

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0703.30 Date Received 3/12/07 By LS Permit # 1354/25655
 Application Approved by - Zoning Official BLK Date 16.03.07 Plans Examiner OK JH Date 3-14-07
 Flood Zone X Plat Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2.3.1 Legal Non-conformity Lot of Record LOT 10
4/11/07

Applicants Name Linda Roder Phone 752-2281
 Address 387 SW Kemp at Lake City FL 32024
 Owners Name Andy Crawley Phone _____
 911 Address 397 SW Oakwood Lake City FL 32024
 Contractors Name Roger Whiddon of Whiddon Construction Phone 867-0812
 Address 582 NW Brooke Brook Lake City FL 32055
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address William Myers / Nick Geiser
 Mortgage Lenders Name & Address People's State Bank
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 3445-16-03276-110 Estimated Cost of Construction 150K
 Subdivision Name Hunters Oak Lot 10 Block _____ Unit _____ Phase _____
 Driving Directions 475, Ron 240, Ron Mauldin, Ron Dockery, LA, Lon
S.W. Oakwood Ct. 9th lot down on R

Type of Construction SFD Number of Existing Dwellings on Property 0
 Total Acreage .5 3 ACRES .226X Lot Size 597 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 60'5" Side 83'2" Side 83'2" Rear 457'-2"
 Total Building Height 20'-11" Number of Stories 1 Heated Floor Area 925 Roof Pitch 8-12
TOTAL 2646

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 Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Allstate Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me

this _____ day of _____ 20____

Personally known _____ or Produced Identification _____

Contractor Signature

Contractors License Number CRC 1328025

Competency Card Number _____

NOTARY STAMP/SEAL

Linda R. Roder

Notary Signature

Letter of authorization

Notice of Authorization

I Roger Whiddon do hereby authorize Linda or Melanie Roder

to be my representative and act on my behalf in all aspects of applying for a septic and building permit to be located in Columbia county.

The name of the home owner is Andy Crawley.

Legal description 34-45-16-03276-110. Lots 10+11 Hunters Oak

X RW Whiddon
Contractor's signature

2-27-07

Date

Sworn and subscribed before me this 27 day of Feb., 2007.

Linda R. Roder
Notary Public



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

My commission expires: _____

Commission No. _____

Personally Known ✓ _____

Produced ID (Type): _____

Prepared By And Return To: W. E. Crews
~~Plat 6, Book 844~~ 1253 NW SCENIC LAKE DR.
Lake City, Florida 32055

Parcel Number(s): 03276-110

WARRANTY DEED

This Warranty Deed made and executed the 1st day of July, 2003
by W. E. Crews and Betty B. Crews, his wife

Grantor,

to Andy Crawley
address: 120 w Rezanof Drive, Kodiak, AK 99615

Grantee,

(Wherever used herein the terms "Grantor" and "Grantee" shall include singular and plural, heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the Grantor, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee all that certain land situate, lying and being in COLUMBIA County, State of Florida, viz:

Lots 10 and 11, Hunter's Oak, a subdivision according to the plat thereof recorded in Plat Book 6, page 57, public records of Columbia County, Florida.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining. To have and to hold the same in fee simple forever. And the Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land, and hereby 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 easements, restrictions and reservations of record, if any, and taxes accruing subsequent to December 31, 2002.

In witness whereof the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered
in the presence of:

Barbara A. Fraddosio
Witness:

W. E. Crews
W. E. Crews

Barbara A. Fraddosio
Witness:

Brenda Stryons
Witness:

Betty B. Crews
Betty B. Crews

BRENDA STRYONS
Witness:

STATE OF FLORIDA
COUNTY OF Columbia

I hereby certify that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared W. E. Crews and Betty B. Crews, his wife, who produced the identification described below, and who acknowledged before me that they executed the foregoing instrument.

Witness my hand and official seal in the county and state aforesaid this 1st day of July, 2003.

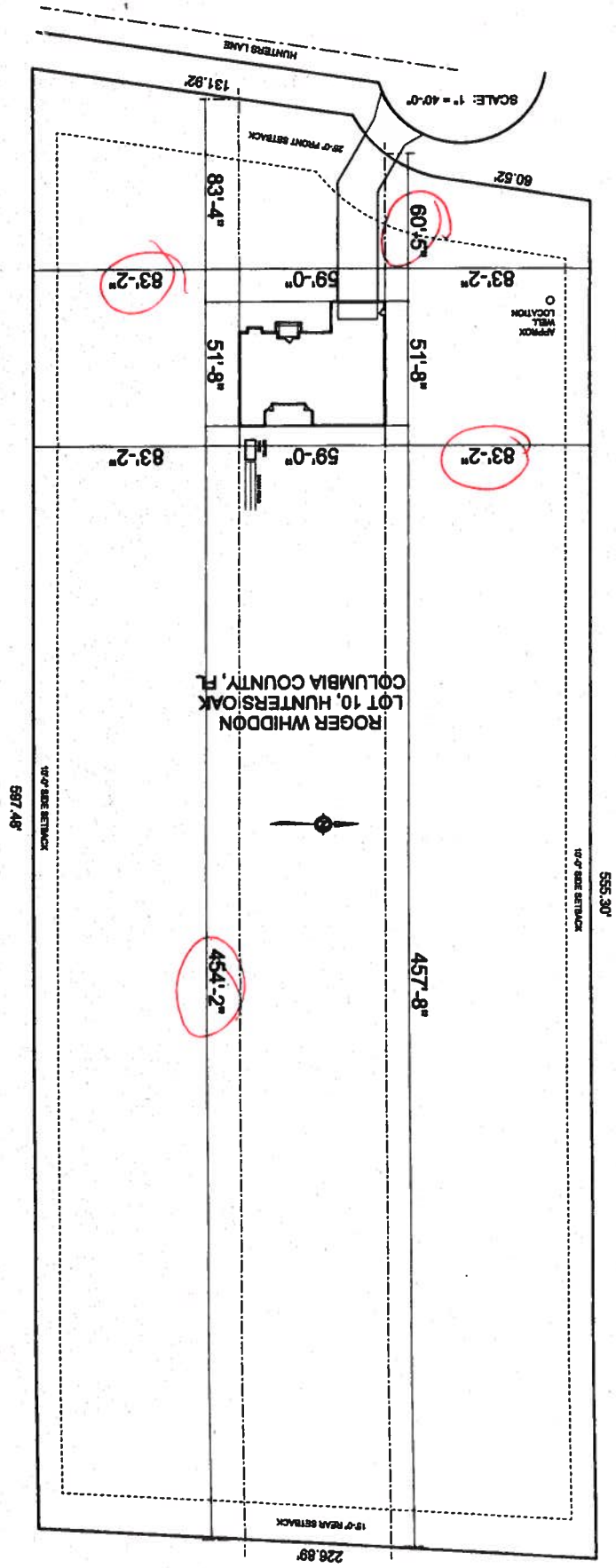
Barbara A. Fraddosio
Notary Public:
Identification Examined:
Drivers License



Inst: 2006028959 Date: 12/08/2006 Time: 14:19

Doc Stamp Deed : 0.70

DC, P. Dewitt Cason, Columbia County B:1104 P:971



FROM :

FRK NO. : 385-755-7022

Sep. 17 2002 01:52PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4" & 6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 755-7024
FAX (904) 755-7024
LAKELAND, FLORIDA 33803
904 NW Main Blvd.

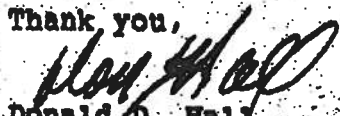
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,


Donald D. Hall
DDH/jk

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

PERMIT NO. _____

Inst:2007006226 Date:03/16/2007 Time:14:48

29 DC, P. DeWitt Cason, Columbia County B:1113 P:25:5

TAX FOLIO NO.: R03276-1 0

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

Lot 10, HUNTER'S OAK, according to the map or plat thereof as recorded in Plat Book 6, Page 57, public records of Columbia County, Florida

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: ANDY CRAWLEY a/k/a ANDREW R. CRAWLEY
120 W Rezanof Drive, Kodiak, AL 99615

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: WHIDDON CONSTRUCTION COMPANY
582 NW Brook Loop, Lake City, FL 32055

5. Surety

a. Name and address: None

6. Lender: PEOPLES STATE BANK,
350 SW Main Blvd., Lake City, Florida 32025.

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

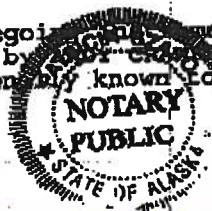
8. In addition to himself, Owner designates LOMNIE T. HALTINANGER of PEOPLES STATE BANK, 350 SW Main Blvd., Lake City, Florida 32025, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).
March 16, 2008.

ANDREW R. CRAWLEY

ALICE K. CRAWLEY

The foregoing instrument was acknowledged before me this 14th day of March, 2006, by ANDY CRAWLEY a/k/a ANDREW R. CRAWLEY and ALICE K. CRAWLEY, who are personally known to me and did not take an oath.



Notary Public

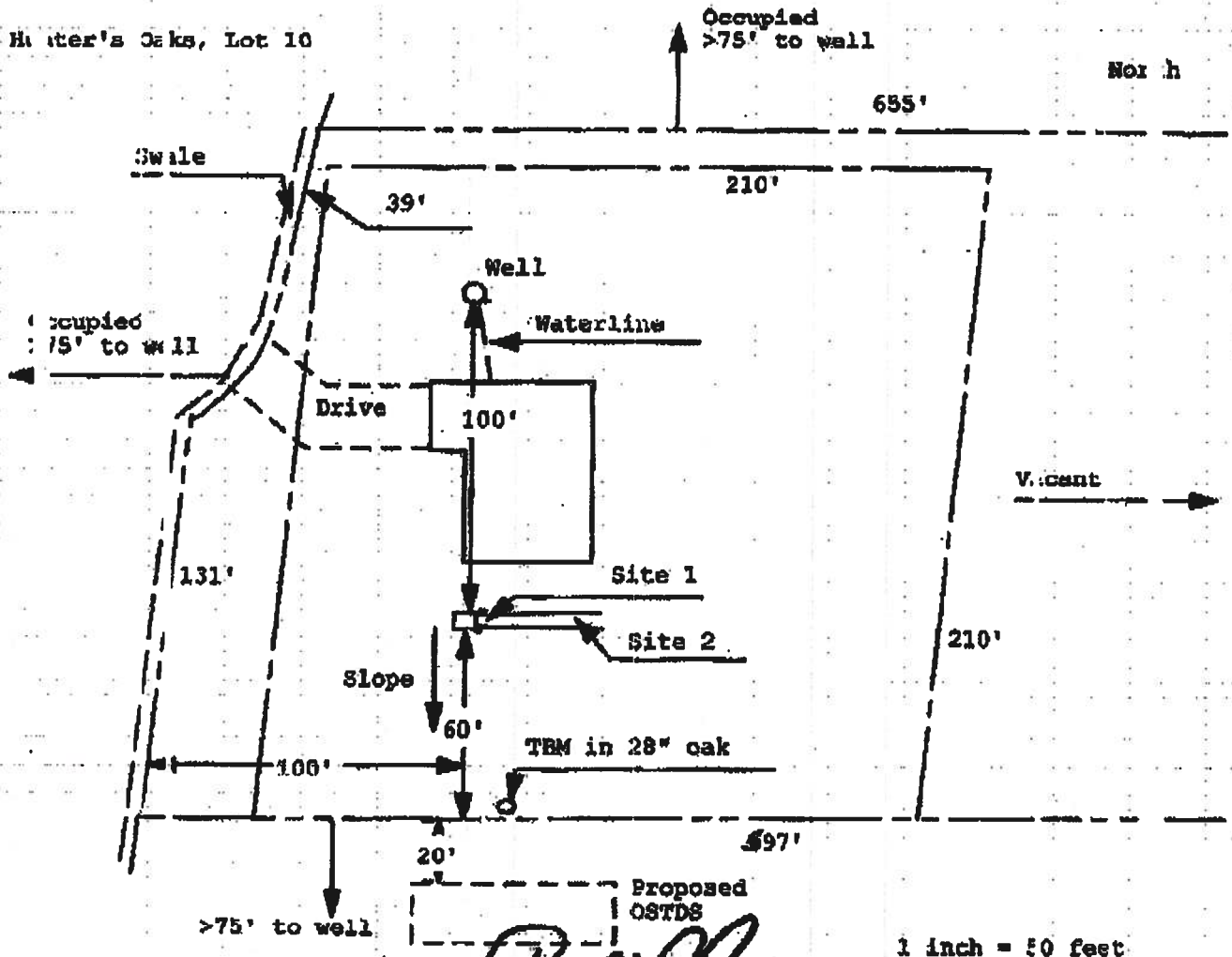
My commission expires 1/2/26/05

07-217

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 1256113037

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CR. WLEY/CR. 116-3910



Site Plan Submitted By Paul L. [Signature] Date 3/13/07
 Plan Approved [initials] Not Approved Date 3/24/07

By M. [Signature] Columbia CP&U

Notes:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Roger Whiddon - Lot 10	Builder:	Whiddon Construction
Address:	Lot: 10, Sub: Hunters Oak, Plat:	Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	25655
Owner:	Spec House	Jurisdiction Number:	221008
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 50.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1925 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: 50.0 kBtu/hr
(or Single or Double DEFAULT) 7a(Sngle Default)	330.3 ft²		HSPF: 7.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear)	330.3 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 225.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1409.7 ft²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 228.0 ft²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT,
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, 2050.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 55.0 ft		
b. N/A			

Glass/Floor Area: 0.17

Total as-built points: 27550

Total base points: 28043

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: 2-16-07

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

OWNER/AGENT: [Signature]DATE: 2-16-07

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.

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

ADDRESS: Lot: 10, Sub: Hunters Oak, Plat: , Lake City, FL, 32025-

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	1925.0	20.04	6943.9	Single, Clear	W	1.5	10.0	75.0	43.84	0.98	3218.6
				Single, Clear	W	1.5	10.0	6.0	43.84	0.98	257.5
				Single, Clear	N	3.5	10.0	15.0	21.73	0.89	290.8
				Single, Clear	NW	10.5	10.0	20.0	29.42	0.63	370.4
				Single, Clear	W	10.5	10.0	63.0	43.84	0.52	1431.7
				Single, Clear	SW	10.5	10.0	20.0	45.75	0.48	439.7
				Single, Clear	S	3.5	10.0	15.0	40.81	0.76	485.6
				Single, Clear	N	1.5	8.0	30.0	21.73	0.97	630.5
				Single, Clear	N	1.5	8.0	6.0	21.73	0.97	126.1
				Single, Clear	E	1.5	10.0	16.0	47.92	0.98	750.1
				Single, Clear	E	7.5	10.0	13.3	47.92	0.59	377.9
				Single, Clear	E	1.5	10.0	36.0	47.92	0.98	1687.6
				Single, Clear	S	1.5	10.0	15.0	40.81	0.96	587.7
				As-Built Total:			330.3			10634.3	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	228.0	0.70	159.6	Frame, Wood, Exterior	13.0		1409.7	1.50		2114.5	
Exterior	1409.7	1.70	2396.5	Frame, Wood, Adjacent	13.0		228.0	0.60		136.8	
Base Total: 1637.7 2556.1				As-Built Total:			1637.7		2251.3		
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	20.0	1.60	32.0	Exterior Insulated			20.0	4.10		82.0	
Exterior	20.0	4.10	82.0	Adjacent Insulated			20.0	1.60		32.0	
Base Total: 40.0 114.0				As-Built Total:			40.0		114.0		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1925.0	1.73	3330.3	Under Attic	30.0		2050.0	1.73 X 1.00		3546.5	
Base Total: 1925.0 3330.3				As-Built Total:			2050.0		3546.5		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	225.0(p)	-37.0	-8325.0	Slab-On-Grade Edge Insulation	0.0		225.0(p)	-41.20		-9270.0	
Raised	0.0	0.00	0.0								
Base Total: -8325.0				As-Built Total:			225.0		-9270.0		

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

ADDRESS: Lot: 10, Sub: Hunters Oak, Plat: , Lake City, FL, 32026-

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
1925.0 10.21 19654.3				1925.0 10.21 19654.3			
Summer Base Points: 24273.5				Summer As-Built Points: 26930.4			
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X Duct Multiplier X System Multiplier X Credit Multiplier = Cooling Points
24273.5 0.4266 10355.1				(sys 1: Central Unit 50000 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 26930 1.00 (1.09 x 1.000 x 1.00) 0.284 0.950 7931.4 26930.4 1.00 1.090 0.284 0.950 7931.4			

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

ADDRESS: Lot: 10, Sub: Hunters Oak, Plat: , Lake City, FL, 32025-

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	1925.0	12.74	4414.4	Single, Clear	W	1.5 10.0	75.0	28.84	1.01 2175.4
				Single, Clear	W	1.5 10.0	6.0	28.84	1.01 174.0
				Single, Clear	N	3.5 10.0	15.0	33.22	1.01 500.9
				Single, Clear	NW	10.5 10.0	20.0	32.93	1.03 675.3
				Single, Clear	W	10.5 10.0	63.0	28.84	1.17 2129.8
				Single, Clear	SW	10.5 10.0	20.0	24.09	1.63 784.3
				Single, Clear	S	3.5 10.0	15.0	20.24	1.29 391.4
				Single, Clear	N	1.5 8.0	30.0	33.22	1.00 997.5
				Single, Clear	N	1.5 8.0	6.0	33.22	1.00 199.5
				Single, Clear	E	1.5 10.0	16.0	26.41	1.01 427.9
				Single, Clear	E	7.5 10.0	13.3	26.41	1.21 425.5
				Single, Clear	E	1.5 10.0	36.0	26.41	1.01 962.8
				Single, Clear	S	1.5 10.0	15.0	20.24	1.01 307.4
				As-Built Total:			330.3		10151.7
WALL TYPES				Type	R-Value		Area X WPM = Points		
Adjacent	228.0	3.60	820.8	Frame, Wood, Exterior	13.0	1409.7	3.40		4793.0
Exterior	1409.7	3.70	5215.9	Frame, Wood, Adjacent	13.0	228.0	3.30		752.4
Base Total:	1637.7		6036.7	As-Built Total:		1637.7			5545.4
DOOR TYPES				Type	R-Value		Area X WPM = Points		
Adjacent	20.0	8.00	160.0	Exterior Insulated		20.0	8.40		168.0
Exterior	20.0	8.40	168.0	Adjacent Insulated		20.0	8.00		160.0
Base Total:	40.0		328.0	As-Built Total:		40.0			328.0
CEILING TYPES				Type	R-Value		Area X WPM X WCM = Points		
Under Attic	1925.0	2.05	3946.3	Under Attic	30.0	2050.0	2.05 X 1.00		4202.5
Base Total:	1925.0		3946.3	As-Built Total:		2050.0			4202.5
FLOOR TYPES				Type	R-Value		Area X WPM = Points		
Slab	225.0(p)	8.9	2002.5	Slab-On-Grade Edge Insulation	0.0	225.0(p)	18.80		4230.0
Raised	0.0	0.00	0.0						
Base Total:			2002.5	As-Built Total:		225.0			4230.0

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

ADDRESS: Lot: 10, Sub: Hunters Oak, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
1925.0 -0.59 -1135.7				1925.0 -0.59 -1135.7			
Winter Base Points: 15592.1				Winter As-Built Points: 23321.9			
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
15592.1 0.6274 9782.5				(sys 1: Electric Heat Pump 50000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 23321.9 1.000 (1.069 x 1.000 x 1.00) 0.487 0.950 11537.7 23321.9 1.00 1.069 0.487 0.950 11537.7			

WATER HEATING & CODE COMPLIANCE STATUS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 10, Sub: Hunters Oak, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit = Total Multiplier
Number of Bedrooms	X	Multiplier	= Total						
3		2635.00	7905.0	50.0	0.90	3	1.00	2693.56	1.00 8080.7
				As-Built Total:					8080.7

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
10355		9782		7905 28043	7931		11538		8081 27550

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Hunters Oak, Plat: , Lake City, FL, 32025-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.7

The higher the score, the more efficient the home.

Spec House, Lot: 10, Sub: Hunters Oak, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 50.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1925 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: 50.0 kBtu/hr
(or Single or Double DEFAULT)	7a(Sngle Default) 330.3 ft ²		HSPF: 7.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 330.3 ft ²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 225.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1409.7 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 228.0 ft ²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	PT,
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 2050.0 ft ²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 55.0 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: FLRCPB v4.1)

Energy Code Compliance

Duct System Performance Report

Project Name: Roger Whiddon - Lot 10 Address: City, State: Lake City, FL 32025- Owner: Spec House Climate Zone: North	Builder: Whiddon Construction Permitting Office: Permit Number: Jurisdiction Number:
--	---

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) ☐ Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) ☐ Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____
Printed Name: _____
Florida Rater Certification #: _____
DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at:
<http://energygauge.com/search.htm>



BUILDING OFFICIAL: _____
DATE: _____

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001354

DATE 03/27/2007 PARCEL ID # 34-4S-16-03276-110
APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER ANDY CRAWLEY PHONE _____
ADDRESS 397 SW OAKWOOD COURT LAKE CITY FL 32024
CONTRACTOR ROGER WHIDDON PHONE 867-0812
LOCATION OF PROPERTY 47S, TR ON 240, TR ON MAULDIN, TR ON DOCKERY LANE, TL ON OAKWOOD COURT, 9TH LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HUNTERS OAK 10

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

Amount Paid 25.00

Phone: 386-758-1008 Fax: 386-758-2160



**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000001354**

DATE: 04/16/2007

BUILDING PERMIT NO. 25655

APPLICANT ROGER WHIDDON

PHONE 754.7367

ADDRESS 582 NW BROOK LOOP

LAKE CITY

FL 32055

OWNER ANDY CRAWLEY

PHONE

ADDRESS 397 SW OAKWOOD COURT

LAKE CITY

FL 32024

CONTRACTOR ROGER WHIDDON

PHONE 867-0812

LOCATION OF PROPERTY 47S, TR ON 240, TR ON MAULDIN, TR ON DOCKERY LANE, TL ON OAKWOOD
COURT, 9TH LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HUNTERS OAK

10

PARCEL ID # 34-4S-16-03276-110

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA
COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: R Whiddon

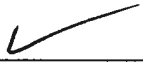
A SEPARATE CHECK IS REQUIRED

MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE
CULVERT WAIVER IS:



APPROVED

NOT APPROVED - NEEDS A CULVERT PERMIT

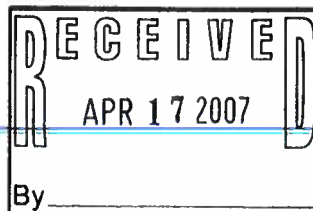
COMMENTS: Do not Need a Culvert

SIGNED: [Signature]

DATE: 4-19-07

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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



FLORIDA DEPARTMENT OF
Community Affairs**Product Approval**
USER: Public User[BCIS Home](#) | [Log In](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [FBC Staff](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **[Application Detail](#)****FL #**

FL1956-R1

Application Type

Revision

Code Version

2004

Application Status

Approved

Comments**Archived****Product Manufacturer
Address/Phone/Email**TAMKO Building Products, Inc.
PO Box 1404
Joplin, MO 64802
(800) 641-4691 ext 2394
fred_oconnor@tamko.com**Authorized Signature**Frederick O'Connor
fred_oconnor@tamko.com**Technical Representative
Address/Phone/Email**Frederick J. O'Connor
PO Box 1404
Joplin, MO 64802
(800) 641-4691
fred_oconnor@tamko.com

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Roofing
Asphalt Shingles

Compliance Method

Certification Mark or Listing

Certification Agency

Underwriters Laboratories Inc.

Referenced Standard and Year (of
Standard)

Standard
ASTM D 3462

Year
2001

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

06/09/2005

Date Validated

06/20/2005

Date Pending FBC Approval

06/25/2005

Date Approved

06/29/2005

Summary of Products

FL #	Model, Number or Name	Description
------	-----------------------	-------------

slopes of 2:12 or greater. Not approved for use in HVHZ.

[Back](#)

[Next](#)

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:





**Underwriters
Laboratories Inc.**

Northbrook Division
333 Plingsten Road
Northbrook, IL 60062-2096 USA
www.ul.com
tel: 1 847 272 8800

June 17, 2005

Tamko Roofing Products
Ms. Kerri Eden
P.O. Box 1404
220 W. 4th Street
Joplin, MO 64802-1404

Our Reference: R2919

This is to confirm that "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage 50 AR", "Glass-Seal AR" manufactured at Tuscaloosa, AL and "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage XL AR", "Heritage 50 AR" manufactured at Frederick, MD and "Heritage 30 AR", "Heritage XL AR", and "Heritage 50 AR" manufactured in Dallas, TX are UL Listed asphalt glass mat shingles and have been evaluated in accordance with ANSI/UL 790, Class A (ASTM E108), ASTM D3462, ASTM D3161 or UL 997 modified to 110 mph when secured with four nails.

Let me know if you have any further questions.

Very truly yours,

Alpesh Patel (Ext. 42522)
Engineer Project
Fire Protection Division

Reviewed by,

Randall K. Laymon (Ext. 42687)
Engineer Sr Staff
Fire Protection Division



Application Instructions for • HERITAGE® VINTAGE™ AR – Phillipsburg, KS LAMINATED ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

1. ROOF DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongue-and-groove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

TAMKO does not recommend re-roofing over existing roof.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

1. Vapor Condensation
2. Buckling of shingles due to deck movement.
3. Rotting of wood members.
4. Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents. FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

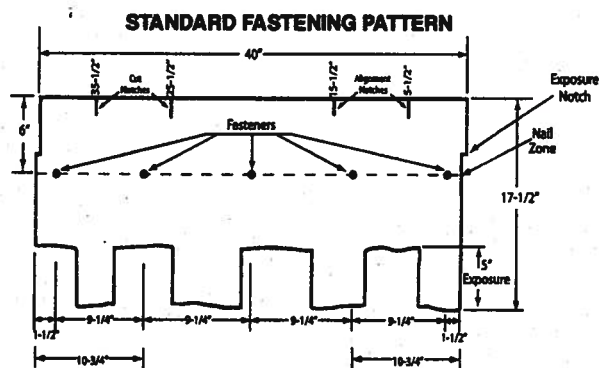
3. FASTENERS

WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable miles per hour as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed 6 in. from the top edge of the shingle located horizontally as follows:

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1-1/2 in. back from each end, one 10-3/4 in. back from each end and one 20 in. from one end of the shingle for a total of 5 fasteners. (See standard fastening pattern illustrated below).



2) Mansard or Steep Slope Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) Use standard nailing instructions with four additional nails placed 6 in. from the butt edge of the shingle making certain nails are covered by the next (successive) course of shingles.

(Continued)

Visit Our Web Site at
www.tamko.com

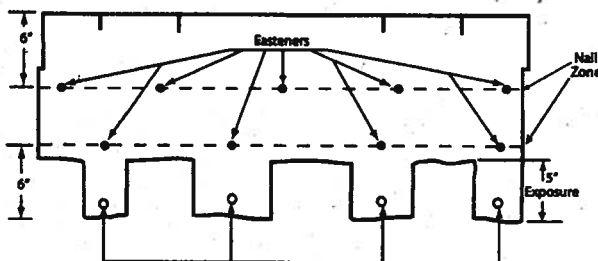
Central District	220 West 4th St., Joplin, MO 64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD 21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL 35401	800-228-2856
Southwest District	7910 S. Central Exp., Dallas, TX 75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO 80216	800-530-8868

05/06

HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

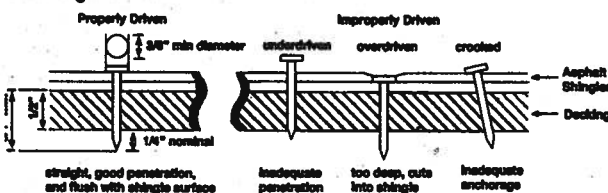
Each shingle tab must be sealed underneath with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a \$.25 piece and applied to shingles with a 5 in. exposure, use 9 fasteners per shingle.

MANSARD FASTENING PATTERN



Apply under each tab 1" diameter asphalt adhesive cement.

NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12 gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in. into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



4. UNDERLAYMENT

UNDERLAYMENT: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles and leaks which are not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

Products which are acceptable for use as underlayment are:

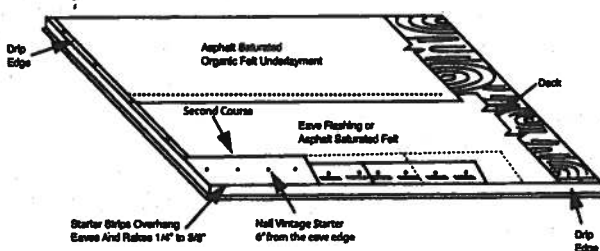
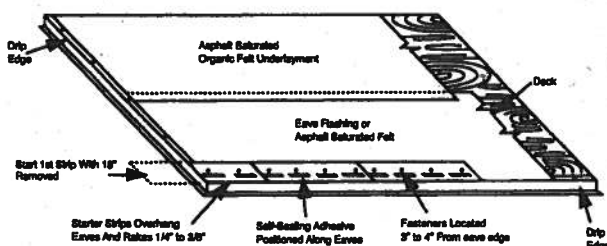
- TAMKO No. 15 Asphalt Saturated Organic Felt
- A non-perforated asphalt saturated organic felt which meets ASTM: D228, Type I or ASTM D4869, Type I
- Any TAMKO non-perforated asphalt saturated organic felt
- TAMKO TW Metal and Tile Underlayment, TW Underlayment and Moisture Guard Plus® (additional ventilation maybe required. Contact TAMKO's technical services department for more information)

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information. TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: Two starter course layers must be applied prior to application of Heritage Vintage AR Shingles.

The first starter course may consist of TAMKO Shingle Starter, three tab self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If three tab self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. If using three tab self-sealing shingles or shingle starter, remove 18 in. from first shingle to offset the end joints of the Vintage Starter. Attach the first starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eave edge. The starter course should overhang both the eave and rake edge 1/4 in. to 3/8 in. Over the first starter course, install Heritage Vintage Starter AR and begin at the left rake edge with a full size shingle and continue across the roof nailing the Heritage Vintage Starter AR along a line parallel to and 6 in. from the eave edge.



Note: Do not allow Vintage Starter AR joints to be visible between shingle tabs. Cutting of the starter may be required.

HERITAGE VINTAGE STARTER AR
12 1/2" x 36" 20 PIECES PER BUNDLE
60 LINEAL FT. PER BUNDLE

(Continued)

Visit Our Web Site at
www.tamko.com

Central District
Northeast District
Southeast District
Southwest District
Western District

220 West 4th St., Joplin, MO 64801
4500 Tamko Dr., Frederick, MD 21701
2300 35th St., Tuscaloosa, AL 35401
7910 S. Central Exp., Dallas, TX 75216
5300 East 43rd Ave., Denver, CO 80216

800-641-4891
800-368-2055
800-228-2856
800-443-1834
800-530-8888

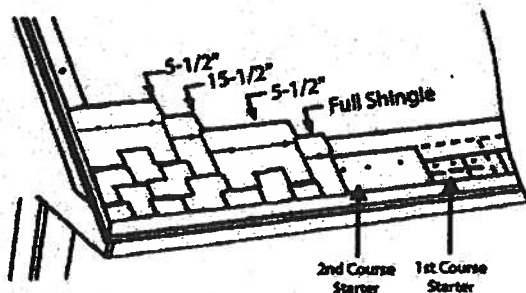
05/06



(CONTINUED from Pg. 2)

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS LAMINATED ASPHALT SHINGLES

SHINGLE APPLICATION: Start the first course at the left rake edge with a full size shingle and overhang the rake edge 1/4 in. to 3/8 in.. To begin the second course, align the right side of the shingle with the 5-1/2 in. alignment notch on the first course shingle making sure to align the exposure notch. (See shingle illustration on next page) Cut the appropriate amount from the rake edge so the overhang is 1/4" to 3/8". For the third course, align the shingle with the 15-1/2 in. alignment notch at the top of the second course shingle, again being sure to align the exposure notch. Cut the appropriate amount from the rake edge. To begin the fourth course, align the shingle with the 5-1/2 in. alignment notch from the third course shingle while aligning the exposure notch. Cut the appropriate amount from the rake edge. Continue up the rake in as many rows as necessary using the same formula as outlined above. Cut pieces may be used to complete courses at the right side. As you work across the roof, install full size shingles taking care to align the exposure notches. Shingle joints should be no closer than 4 in.



6. LOW SLOPE APPLICATION

On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of underlayment. Begin by applying the underlayment in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the laps of the entire underlayment to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. VALLEY APPLICATION

TAMKO recommends an open valley construction with Heritage Vintage AR shingles.

To begin, center a sheet of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment in the valley.

After the underlayment has been secured, install the recommended corrosion resistant metal (26 gauge galvanized metal or an equivalent) in the valley. Secure the valley metal to the roof deck. Overlaps should be 12" and cemented.

Following valley metal application; a 9" to 12" wide strip of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment should be applied along the edges of the metal valley flashing (max. 6" onto metal valley flashing) and on top of the valley underlayment. The valley will be completed with shingle application.

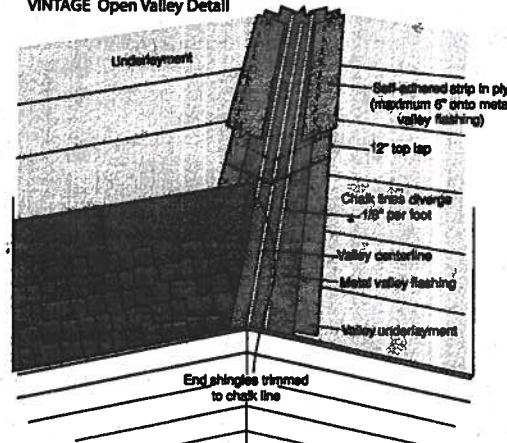
SHINGLE APPLICATION INSTRUCTIONS (OPEN VALLEY)

- Snap two chalk lines, one on each side of the valley centerline over the full length of the valley flashing. Locate the upper ends of the chalk lines 3" to either side of the valley centerline.
- The lower end should diverge from each other by 1/8" per foot. Thus, for an 8' long valley, the chalk lines should be 7" either side of the centerline at the eaves and for a 16' valley 8".

As shingles are applied toward the valley, trim the last shingle in each course to fit on the chalk line. Never use a shingle trimmed to less than 12" in length to finish a course running into a valley. If necessary, trim the adjacent shingle in the course to allow a longer portion to be used.

- Clip 1" from the upper corner of each shingle on a 45° angle to direct water into the valley and prevent it from penetrating between the courses.
- Form a tight seal by cementing the shingle to the valley lining with a 3" width of asphalt plastic cement (conforming to ASTM D 4586).

VINTAGE Open Valley Detail



- **CAUTION:** Adhesive must be applied in smooth, thin, even layers.

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.

(Continued)

Visit Our Web Site at
www.tamko.com

Central District 220 West 4th St., Joplin, MO 64801
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05/06



(CONTINUED from Pg. 3)

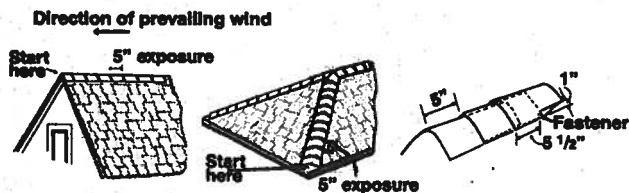
• **HERITAGE® VINTAGE™ AR** – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

8. HIP AND RIDGE FASTENING DETAIL

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener on each side, 5-1/2 in. back from the exposed end and 1 in. up from the edge. TAMKO recommends the use of TAMKO Heritage Vintage Hip & Ridge shingle products.

Fasteners should be 1/4 in. longer than the ones used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLE IN COLD WEATHER.



THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

TAMKO®, Moisture Guard Plus®, Nail Fast® and Heritage® are registered trademarks and Vintage™ is a trademark of TAMKO Building Products, Inc.

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800-530-8868

05/06



FLORIDA BUILDING CODE

Overview User Organization Registration Application User Organization Registration Application

Select the organization type, status, or name to find an organization

Organization Type: Product Manufacturer

Approval Status: (All)

Organization Name: General American Door - Product Manufacturer

Cancel

Search

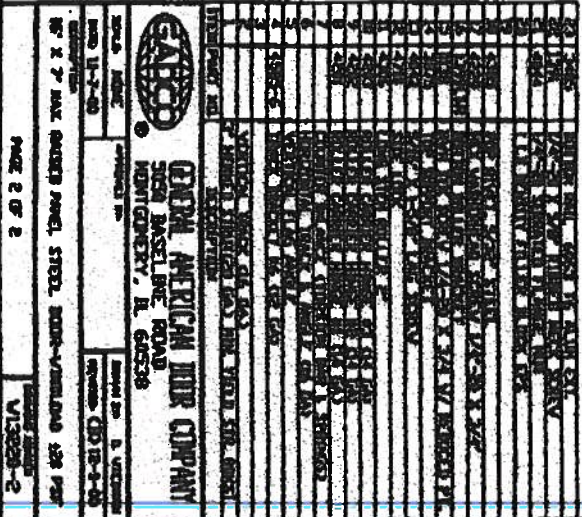
Result List for Organizations

Displaying 1-1 of 1

Name	City	Contact	Phone	Type	Expiry	Status
General American Door	Montgomery	James Campbell	(608)591000	Product Manufacturer	01/01/2009	Approved
Org Code: FPM System ID: 3385						

Displaying 1-1 of 1

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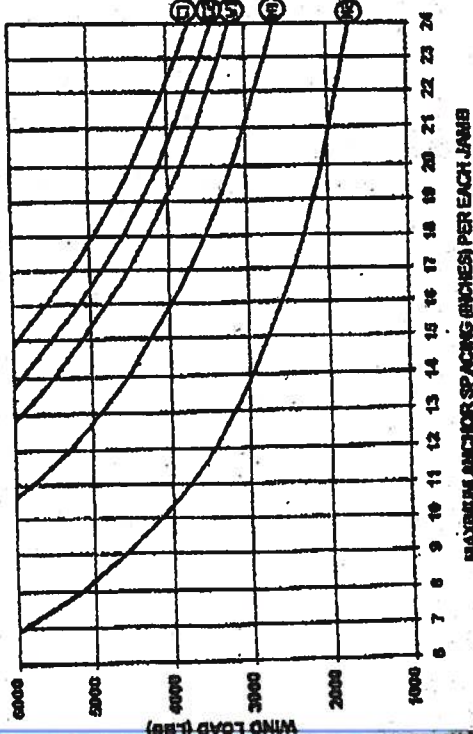
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED GRADE #2 OR BETTER SOUTHERN PINE WOOD JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES:

- 1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.
- 2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION SSTD 10", CURRENT EDITION.
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) WOOD FRAME BUILDINGS STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2x6 PRESSURE TREATED SOUTHERN PINE #2 GRADE OR BETTER WALL STUDS CONTINUOUS FROM FLOORING TO DOUBLE TOP PLATE.
- 5) REINFORCED CMU OR CONCRETE 2x6 WOOD JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2500 PSI GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- 6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS CMU SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 3-3/4"
- 8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2x6 WALL STUDS.
- 9) WASHERS ARE REQUIRED ON ALL FASTENERS.
- 10) THE WIND LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.
- 11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2x6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2x6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

WIND LOAD VS ANCHOR SPACING



DESIGN (LBS) X GARAGE DOOR AREA (WIDTH-FT X HEIGHT-FT) = WIND LOAD (LBS)

EXAMPLE

30 LBS X 16 FT WIDE X 8 FT HIGH = 3840 LBS

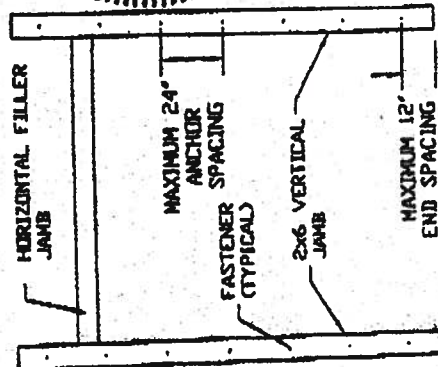
USE 22" SPACING

USE 16" SPACING

USE 10" SPACING

USE 6" SPACING

SEE NOTE 11 FOR ADDITIONAL REQUIRED 2x6 WOOD JAMB ANCHORS



SEAL
PE No. 024280



1/3/2002

		GENERAL AMERICAN DOOR COMPANY 5100 BASSETT ROAD NORTH GERMANY, IL 60063	
MADE IN CHINA	DESIGNED BY 8-30-99	DRAWN BY JLV	CHECKED BY JLV
JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS		PROJECT NO. A10580	

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Product Approval
USER: Public User

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- ▶ COMMUNITY PLANNING
- ▶ HOUSING & COMMUNITY DEVELOPMENT
- ▶ EMERGENCY MANAGEMENT
- ▶ OFFICE OF THE SECRETARY

FL # FL5108
Application Type New
Code Version 2004
Application Status Approved
Comments
Archived ☐

Product Manufacturer
Address/Phone/Email

MI Windows and Doors
650 W Market St
Gratz, PA 17030
(717) 365-3300 ext 2101
surich@miwd.com

Authorized Signature

Steven Urich
surich@miwd.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

OPEN HOME ABOUT US LEA PROGRAMS CONTACT US





(Validator / Operations Administrator)

AAMA CERTIFICATION PROGRAM



AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc.
P.O. Box 370
Gratz, PA 17030-0370

Attn: Bill Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. This approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

- The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION	RECORD OF PRODUCT TESTED				LABEL ORDER NO.
AAMA/NWDA 101/L.S. 2-97 H-F55*-38x62					
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED		
MI Windows & Doors, Inc. (Odessa, FL) MI Windows & Doors, Inc. (Smyrna, TN)	MTL-8 MTL-9	185/185 SH (Fin) (AL)(CQ)(OG) (ASTM)	FRAME 3'0" x 5'2"	SASH 2'10" x 2'7"	By Request

- This Certification will expire May 14, 2008 and requires validation until then by continued listing in the current AAMA Certified Products Directory.
- Product Tested and Reported by: Architectural Testing, Inc.

Report No.: 01-50360.02

Date of Report: June 14, 2004

NOTE: PLEASE REVIEW,
AND ADVISE ALI IMMEDIATELY
IF DATA, AS SHOWN, NEEDS
CORRECTION.

Date: August 1, 2005

cc: AAMA
JGS/dt
ACP-04 (Rev. 5/03)

Validated for Certification:

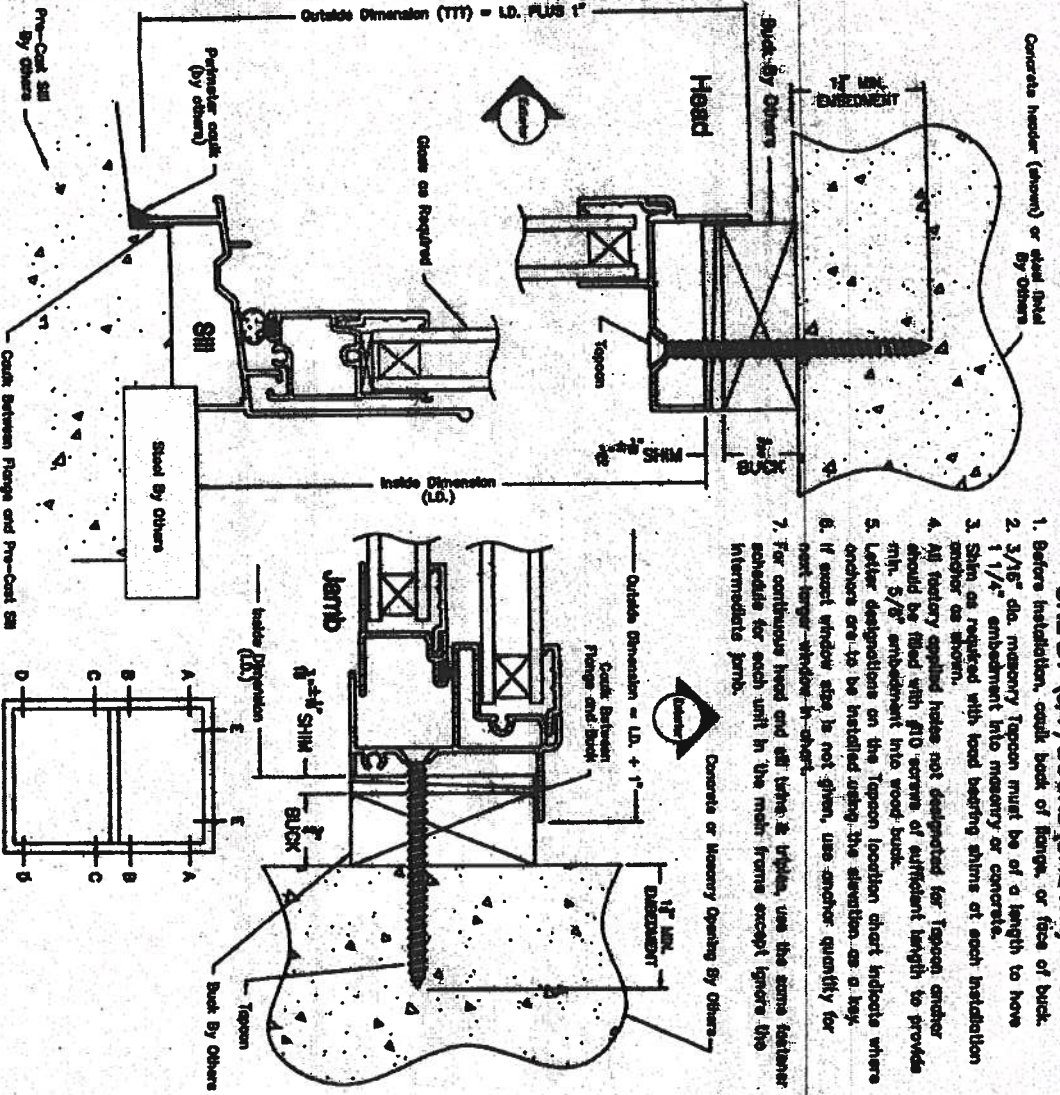
Associated Laboratories, Inc.

Authorized for Certification:

American Architectural Manufacturers Association

ONE BY (3/4) BUCKS (SHOWN)

1. Before installation, cock back of flange, or face of buck.
2. 3/16" dia. masonry Tapon must be of a length to have 1 1/2" embedment into masonry or concrete.
3. Shims as required with head bearing shims at each installation another as shown.
4. All fasteners applied holes not designated for Tapon anchor should be filled with #10 screws of sufficient length to provide min. 5/8" embedment into wood buck.
5. Letter designations on the Tapon location chart indicate where anchors are to be installed using the elevation, as a key.
6. If exact window size is not given, use anchor quantity for next larger window in chart.
7. For continuous head and sill lines, use the same fastener schedule for each unit in the multi-frame except ignore the intermediate joints.



TWO BY (1 1/2) BUCKS

TWO BY (1 1/2) bucks are engineered and fastened to the masonry opening BY OTHERS.

Follow the same instructions and fastener requirements for "one by" bucks except use #10 screws of sufficient length for 1 1/2" minimum embedment into buck.

TAPCON LOCATION CHART

BUCK SIZE	WINDOW ID	UP TO 2500	2501 TO 3500	3501 TO 4500	4501 TO 5500
12	12	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
14	14	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
16	16	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
18	18	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
20	20	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
22	22	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
24	24	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
26	26	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
28	28	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
30	30	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
32	32	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
34	34	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
36	36	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
38	38	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
40	40	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
42	42	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
44	44	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
46	46	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
48	48	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
50	50	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
52	52	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
54	54	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
56	56	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
58	58	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
60	60	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
62	62	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
64	64	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
66	66	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
68	68	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
70	70	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
72	72	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
74	74	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
76	76	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
78	78	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
80	80	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
82	82	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
84	84	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
86	86	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
88	88	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
90	90	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
92	92	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
94	94	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
96	96	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
98	98	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E
100	100	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E	A, B, C, D, E

*TAPCON TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAM, & SURFON

A	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT
B	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT
C	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT
D	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT
E	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT	MINIMUM 1/2" EMBEDMENT

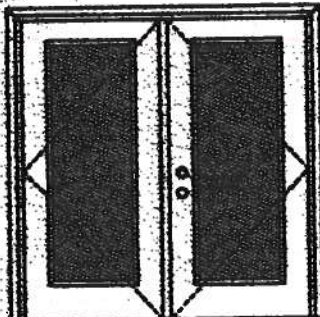
MI HOME PRODUCTS
GRATZ, PA

189/3185 SINGLE HUNG FLANGE FRAME
INSTALLATION DETAILS & FASTENER SCHEDULE

DATE: 06/15/04
REV: 1 OF 1

XX**Glazed Outswing Unit**

COP-WL-JHW162-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:****Note:**

Units of other sizes are covered by this report as long as the panels used do not exceed 30" x 68".

Double Door

Maximum unit size - 68" x 68"

Design Pressure**+40.5/-40.5**

Limited water unless special threshold design is used.

Large Missile Impact Resistance**Hurricane protective system (shutters) is REQUIRED.**

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the action required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed -- see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed -- see MID-WL-MA0002-02.

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



120, 125 Series



130 Series



600 Series



800 Series

1/2 GLASS:

100 Series*



100, 100 Series*



120 Series*



200 Series*



12 RL, 20 RL, 24 RL Series*



107 Series*



108 Series



304 Series

*This glass fit may also be used in the following door styles: 5-panel; 5-panel with scroll; 5-panel 5-panel; 5-panel with scroll.

Johnson
EntrySystems

March 29, 2002
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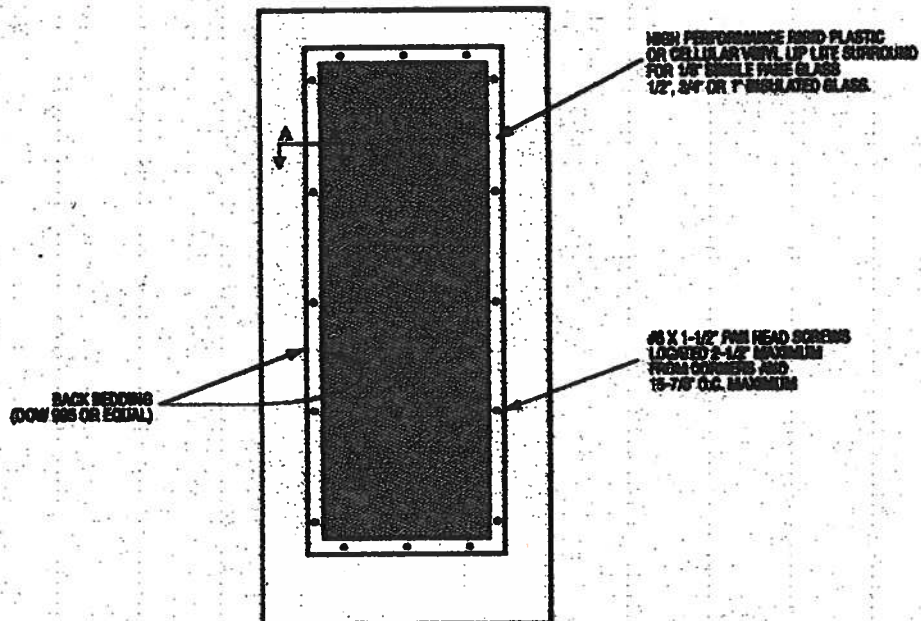


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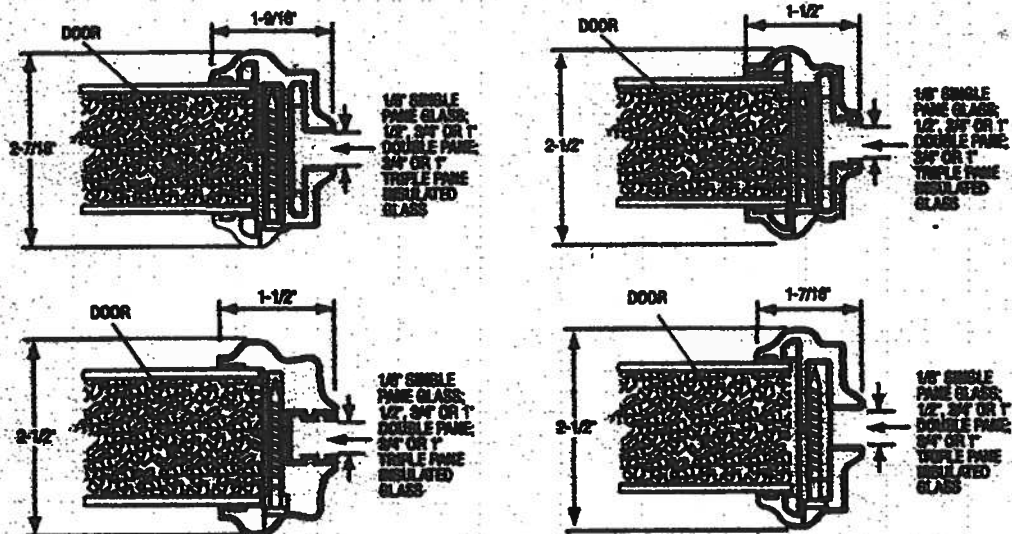
Masonite
Masonite International Corporation

MAD WL-WAG041-02

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



March 28, 2002
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FREDDERICK
Precision Quality Doors

Exclusively from
Masonite
Masonite International Corporation

XX

Glazed Outswing Unit

CCF-WL-JH-162-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

404 Series



410 Series



420 Series

FULL GLASS:

100 Series



114, 120, 122 Series



182 Series



140 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1884-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip like surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202
COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

Johnson
Entry Systems

March 28, 2002
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PREMIERE
Premium Quality Doors



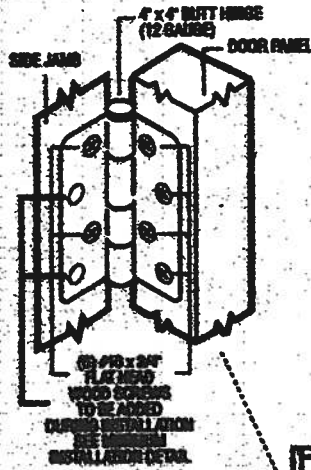
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Masonite
Masonite International Corporation

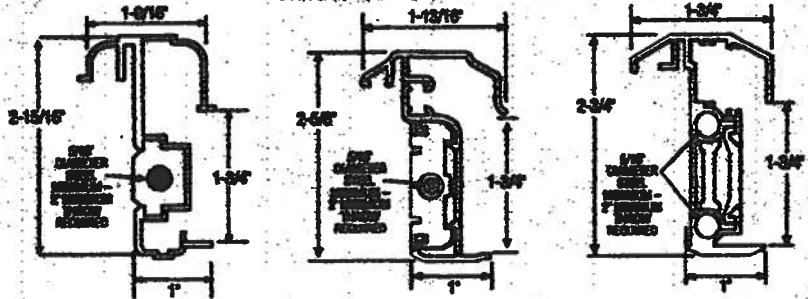
XX
Unit

OUTSWING UNITS WITH DOUBLE DOOR

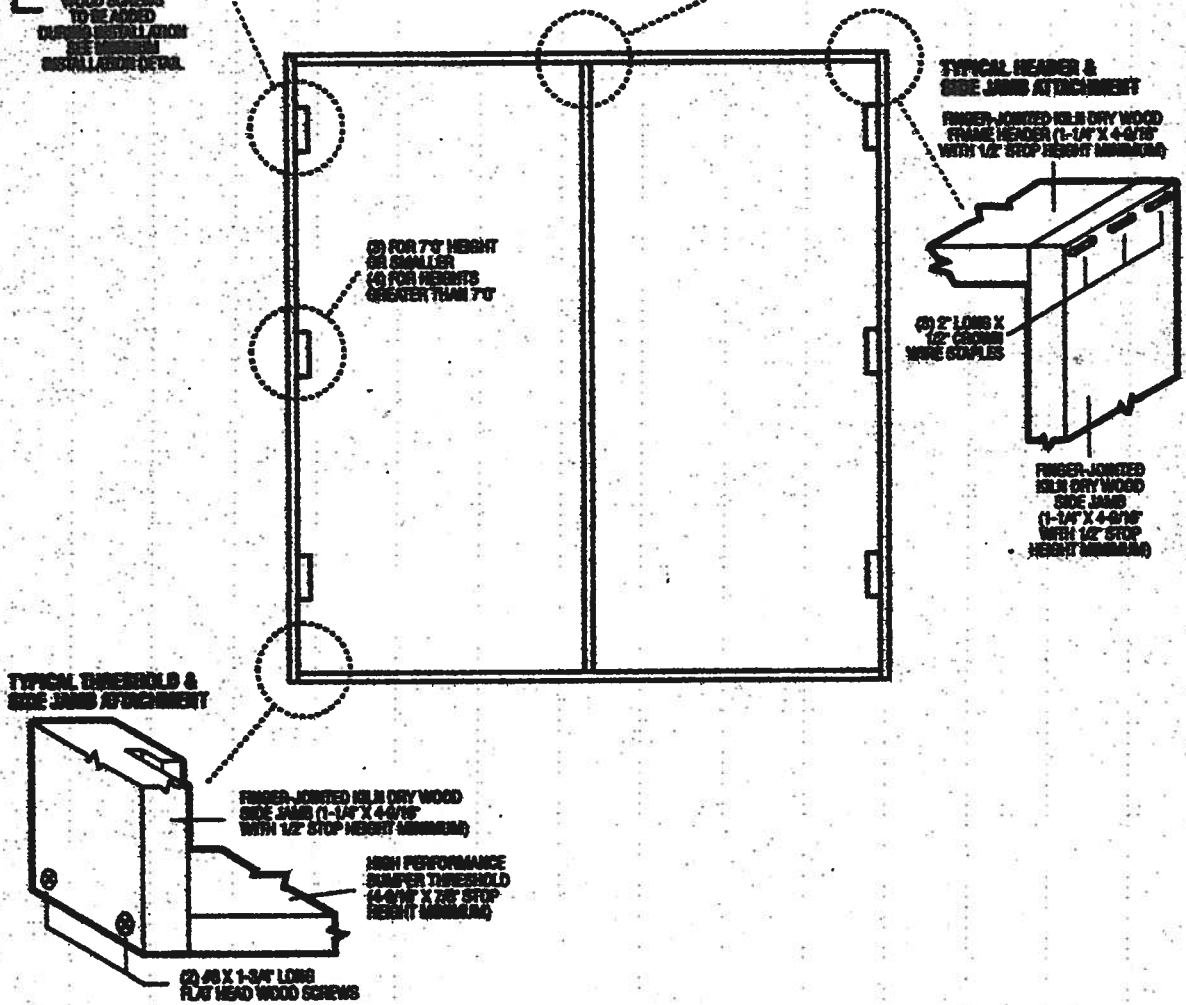
TYPICAL HINGE ATTACHMENT



TYPICAL ASTRAGAL PROFILES



ALUMINUM EXTRUDED ASTRAGAL (1/8" MINIMUM WALL THICKNESS) WITH ADDED REINFORCEMENT INSERTS AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND CYLINDRICAL BEAD/BOLT LOCATIONS. ATTACH WITH #8 X 1" PAN HEAD SCREWS—LOCATE 1" FROM EACH END MINIMUM AND 22" O.C. MAXIMUM.



March 20, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMORAL
Premium Quality Doors



Exclusively from

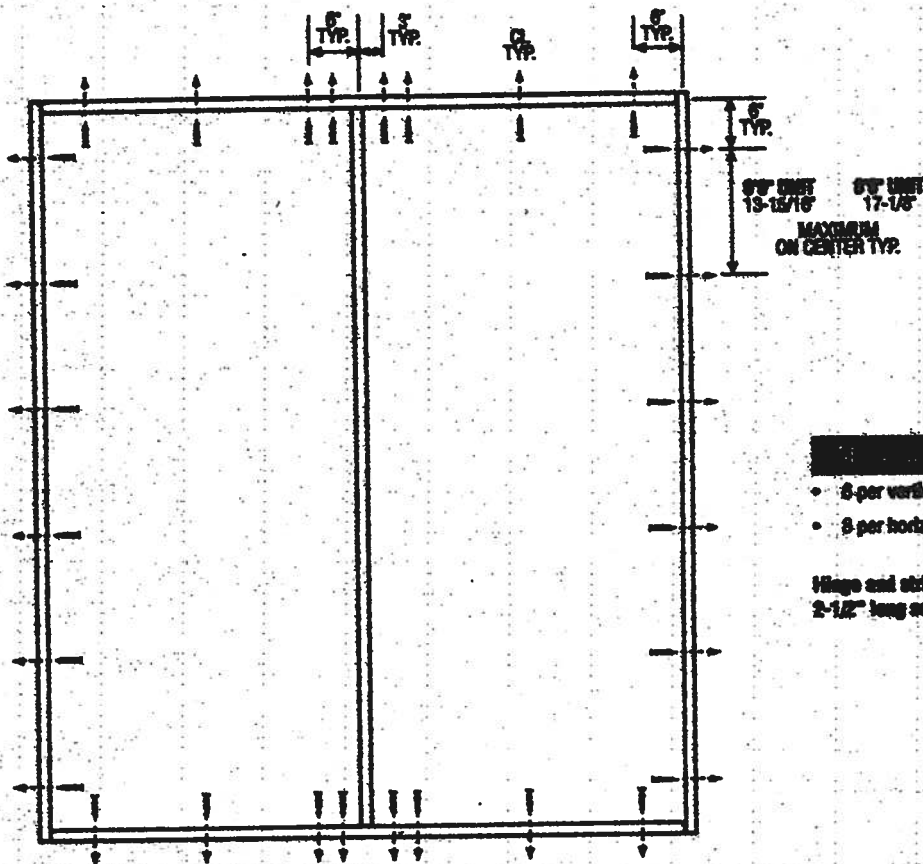
Masonite

Masonite International Corporation

XX
Unit

IND-51-10A0002-02

DOUBLE DOOR



- 6 per vertical framing member
- 6 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #6 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 23, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Residential System Sizing Calculation

Summary

Spec House

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

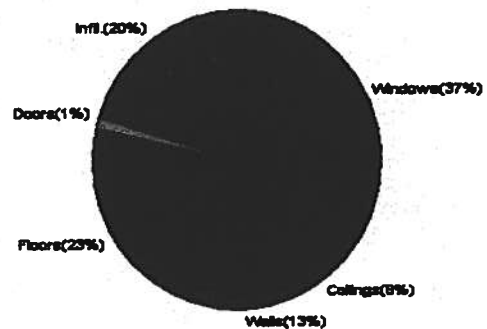
2/16/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	41974 Btuh	Total cooling load calculation	49868 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	119.1 50000	Sensible (SHR = 0.75)	89.1 37500
Heat Pump + Auxiliary(0.0kW)	119.1 50000	Latent	161.0 12500
		Total (Electric Heat Pump)	100.3 50000

WINTER CALCULATIONS

Winter Heating Load (for 1925 sqft)

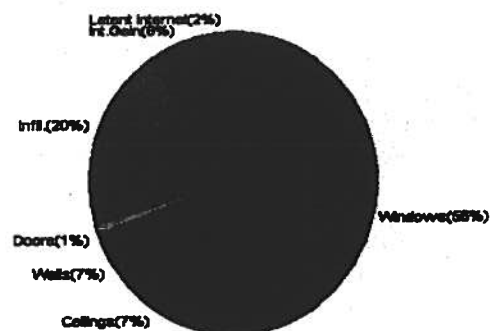
Load component		Load	
Window total	330 sqft	15521	Btuh
Wall total	1638 sqft	5378	Btuh
Door total	40 sqft	518	Btuh
Ceiling total	2050 sqft	2416	Btuh
Floor total	225 sqft	9824	Btuh
Infiltration	205 cfm	8317	Btuh
Duct loss		0	Btuh
Subtotal		41974	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		41974	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1925 sqft)

Load component		Load	
Window total	330 sqft	27907	Btuh
Wall total	1638 sqft	3284	Btuh
Door total	40 sqft	392	Btuh
Ceiling total	2050 sqft	3395	Btuh
Floor total		0	Btuh
Infiltration	180 cfm	3344	Btuh
Internal gain		3780	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		42102	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		6566	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		7766	Btuh
TOTAL HEAT GAIN		49868	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE:

[Signature]
2-16-07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

2/16/2007

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	W	75.0	47.0	3524 Btuh
2	1, Clear, Metal, 1.27	W	6.0	47.0	282 Btuh
3	1, Clear, Metal, 1.27	N	15.0	47.0	705 Btuh
4	1, Clear, Metal, 1.27	NW	20.0	47.0	940 Btuh
5	1, Clear, Metal, 1.27	W	63.0	47.0	2960 Btuh
6	1, Clear, Metal, 1.27	SW	20.0	47.0	940 Btuh
7	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
8	1, Clear, Metal, 1.27	N	30.0	47.0	1410 Btuh
9	1, Clear, Metal, 1.27	N	6.0	47.0	282 Btuh
10	1, Clear, Metal, 1.27	E	16.0	47.0	752 Btuh
11	1, Clear, Metal, 1.27	E	13.3	47.0	625 Btuh
12	1, Clear, Metal, 1.27	E	36.0	47.0	1692 Btuh
13	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
Window Total			330(sqft)		15521 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1410	3.3	4630 Btuh
2	Frame - Wood - Adj(0.09)	13.0	228	3.3	749 Btuh
Wall Total			1638		5378 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
Door Total			40		518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2050	1.2	2416 Btuh
Ceiling Total			2050		2416 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	225.0 ft(p)	43.7	9824 Btuh
Floor Total			225		9824 Btuh
Zone Envelope Subtotal:					33656 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.80	15400	205.3	8317 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				41974 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

2/16/2007

	Subtotal Sensible Ventilation Sensible Total Btuh Loss	41974 Btuh 0 Btuh 41974 Btuh
--	--	------------------------------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

2/16/2007

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	W	75.0	47.0	3524 Btuh
2	1, Clear, Metal, 1.27	W	6.0	47.0	282 Btuh
3	1, Clear, Metal, 1.27	N	15.0	47.0	705 Btuh
4	1, Clear, Metal, 1.27	NW	20.0	47.0	940 Btuh
5	1, Clear, Metal, 1.27	W	63.0	47.0	2960 Btuh
6	1, Clear, Metal, 1.27	SW	20.0	47.0	940 Btuh
7	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
8	1, Clear, Metal, 1.27	N	30.0	47.0	1410 Btuh
9	1, Clear, Metal, 1.27	N	6.0	47.0	282 Btuh
10	1, Clear, Metal, 1.27	E	16.0	47.0	752 Btuh
11	1, Clear, Metal, 1.27	E	13.3	47.0	625 Btuh
12	1, Clear, Metal, 1.27	E	36.0	47.0	1692 Btuh
13	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
Window Total			330(sqft)		15521 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1410	3.3	4630 Btuh
2	Frame - Wood - Adj(0.09)	13.0	228	3.3	749 Btuh
Wall Total			1638		5378 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
Door Total			40		518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2050	1.2	2416 Btuh
Ceiling Total			2050		2416 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	225.0 ft(p)	43.7	9824 Btuh
Floor Total			225		9824 Btuh
Zone Envelope Subtotal:					33656 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.80	15400	205.3	8317 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				41974 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

2/16/2007



	Subtotal Sensible Ventilation Sensible Total Btuh Loss	41974 Btuh 0 Btuh 41974 Btuh
--	--	------------------------------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

2/16/2007

Window	Type*	Omt	Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	1, Clear, 1.27, None,N,N	W	1.5ft	10ft.	75.0	0.0	75.0	37	94	7053	Btuh	
2	1, Clear, 1.27, None,N,N	W	1.5ft	10ft.	6.0	0.0	6.0	37	94	564	Btuh	
3	1, Clear, 1.27, None,N,N	N	3.5ft	10ft.	15.0	0.0	15.0	37	37	562	Btuh	
4	1, Clear, 1.27, None,N,N	NW	10.5f	10ft.	20.0	0.0	20.0	37	72	1445	Btuh	
5	1, Clear, 1.27, None,N,N	W	10.5f	10ft.	63.0	51.4	11.6	37	94	3014	Btuh	
6	1, Clear, 1.27, None,N,N	SW	10.5f	10ft.	20.0	20.0	0.0	37	75	749	Btuh	
7	1, Clear, 1.27, None,N,N	S	3.5ft	10ft.	15.0	15.0	0.0	37	43	562	Btuh	
8	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	37	37	1124	Btuh	
9	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	6.0	0.0	6.0	37	37	225	Btuh	
10	1, Clear, 1.27, None,N,N	E	1.5ft	10ft.	16.0	0.0	16.0	37	94	1505	Btuh	
11	1, Clear, 1.27, None,N,N	E	7.5ft	10ft.	13.3	5.8	7.5	37	94	924	Btuh	
12	1, Clear, 1.27, None,N,N	E	1.5ft	10ft.	36.0	0.0	36.0	37	94	3386	Btuh	
13	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	15.0	13.5	1.5	37	43	569	Btuh	
	Excursion									6225	Btuh	
	Window Total				330 (sqft)					27907 Btuh		
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext		13.0/0.09		1409.7			2.1		2940 Btuh		
2	Frame - Wood - Adj		13.0/0.09		228.0			1.5		344 Btuh		
	Wall Total				1638 (sqft)					3284 Btuh		
Doors	Type				Area (sqft)			HTM		Load		
1	Insulated - Adjacent				20.0			9.8		196 Btuh		
2	Insulated - Exterior				20.0			9.8		196 Btuh		
	Door Total				40 (sqft)					392 Btuh		
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle		30.0		2050.0			1.7		3395 Btuh		
	Ceiling Total				2050 (sqft)					3395 Btuh		
Floors	Type		R-Value		Size			HTM		Load		
1	Slab On Grade		0.0		225 (ft(p))			0.0		0 Btuh		
	Floor Total				225.0 (sqft)					0 Btuh		
			Zone Envelope Subtotal:								34978 Btuh	
Infiltration	Type		ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural		0.70		15400			179.7		3344 Btuh		
Internal gain			Occupants		Btuh/occupant			Appliance		Load		
			6		X 230 +			2400		3780 Btuh		
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh		
			Sensible Zone Load								42102 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

2/16/2007

Whole House Totals for Cooling	Sensible Envelope Load All Zones	42102 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	42102 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	42102 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	6566 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	7766 Btuh
	TOTAL GAIN	49868 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Omt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

2/16/2007

Type*		Omt	Overhang		Window Area(sqft)			HTM		Load	
Window	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	1, Clear, 1.27, None,N,N	W	1.5ft	10ft.	75.0	0.0	75.0	37	94	7053	Btuh
2	1, Clear, 1.27, None,N,N	W	1.5ft	10ft.	6.0	0.0	6.0	37	94	564	Btuh
3	1, Clear, 1.27, None,N,N	N	3.5ft	10ft.	15.0	0.0	15.0	37	37	562	Btuh
4	1, Clear, 1.27, None,N,N	NW	10.5f	10ft.	20.0	0.0	20.0	37	72	1445	Btuh
5	1, Clear, 1.27, None,N,N	W	10.5f	10ft.	63.0	51.4	11.6	37	94	3014	Btuh
6	1, Clear, 1.27, None,N,N	SW	10.5f	10ft.	20.0	20.0	0.0	37	75	749	Btuh
7	1, Clear, 1.27, None,N,N	S	3.5ft	10ft.	15.0	15.0	0.0	37	43	562	Btuh
8	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	37	37	1124	Btuh
9	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	6.0	0.0	6.0	37	37	225	Btuh
10	1, Clear, 1.27, None,N,N	E	1.5ft	10ft.	16.0	0.0	16.0	37	94	1505	Btuh
11	1, Clear, 1.27, None,N,N	E	7.5ft	10ft.	13.3	5.8	7.5	37	94	924	Btuh
12	1, Clear, 1.27, None,N,N	E	1.5ft	10ft.	36.0	0.0	36.0	37	94	3386	Btuh
13	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	15.0	13.5	1.5	37	43	569	Btuh
Excursion										6225	Btuh
Window Total					330 (sqft)					27907 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09		1409.7			2.1		2940 Btuh		
2	Frame - Wood - Adj	13.0/0.09		228.0			1.5		344 Btuh		
Wall Total				1638 (sqft)					3284 Btuh		
Doors	Type				Area (sqft)		HTM		Load		
1	Insulated - Adjacent				20.0		9.8		196 Btuh		
2	Insulated - Exterior				20.0		9.8		196 Btuh		
Door Total				40 (sqft)					392 Btuh		
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		2050.0			1.7		3395 Btuh		
Ceiling Total				2050 (sqft)					3395 Btuh		
Floors	Type	R-Value		Size			HTM		Load		
1	Slab On Grade	0.0		225 (ft(p))			0.0		0 Btuh		
Floor Total				225.0 (sqft)					0 Btuh		
Zone Envelope Subtotal:										34978 Btuh	
Infiltration	Type	ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural	0.70		15400			179.7		3344 Btuh		
Internal gain	Occupants		Btuh/occupant			Appliance		Load			
	6		X 230 +			2400		3780 Btuh			
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load										42102 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Roger Whiddon - Lot 10

Code Only
Professional Version
Climate: North

2/16/2007

Whole House Totals for Cooling	Sensible Envelope Load All Zones	42102 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	42102 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	42102 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	6566 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	7766 Btuh
	TOTAL GAIN	49868 Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Omt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Spec House

Project Title:
Roger Whiddon - Lot 10

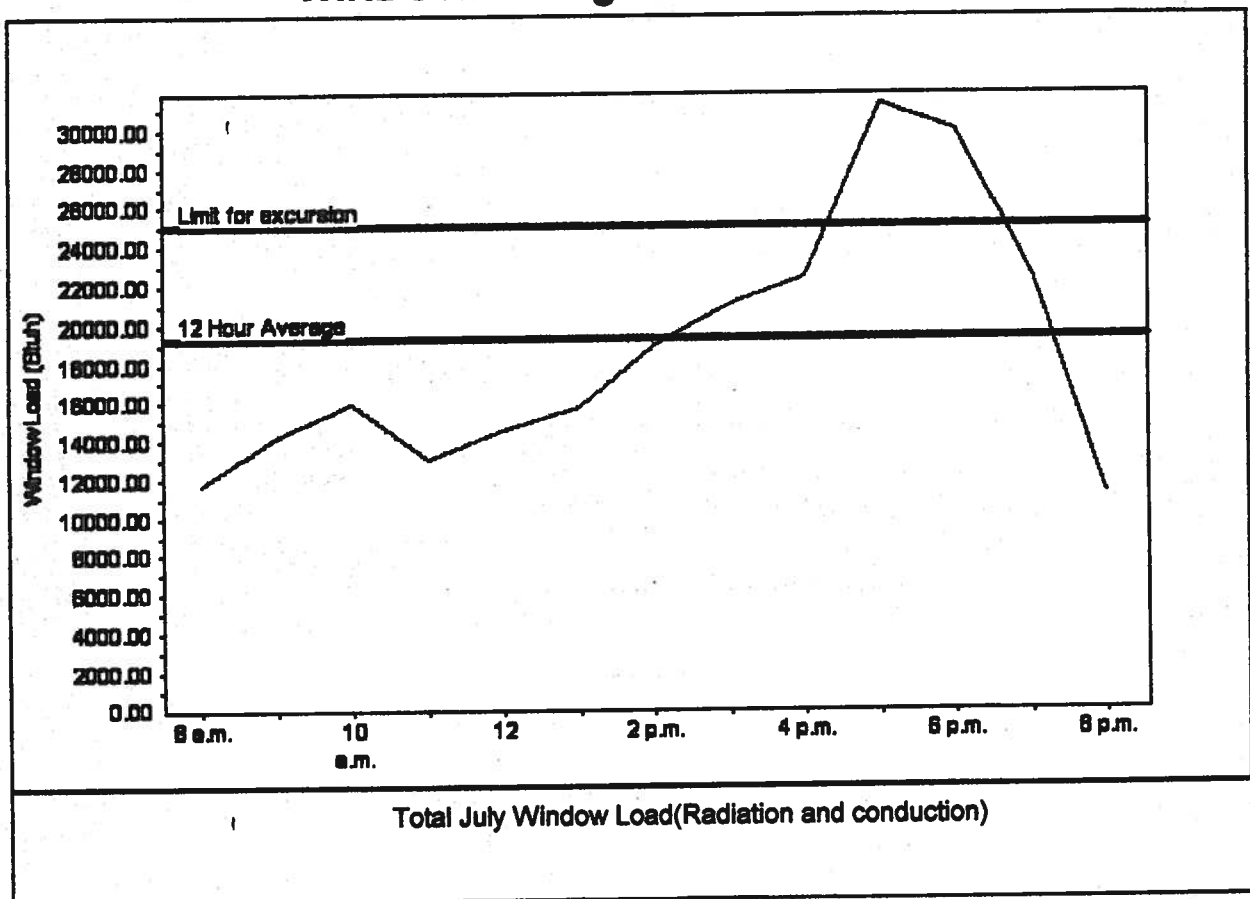
Lake City, FL 32025-

Code Only
Professional Version
Climate: North

2/16/2007

Summer design temperature	92 F	Average window load for July	19262 Btu
Summer setpoint	75 F	Peak window load for July	31252 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	25027 Btu
Latitude	29 North	Window excursion (July)	6225 Btu

WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

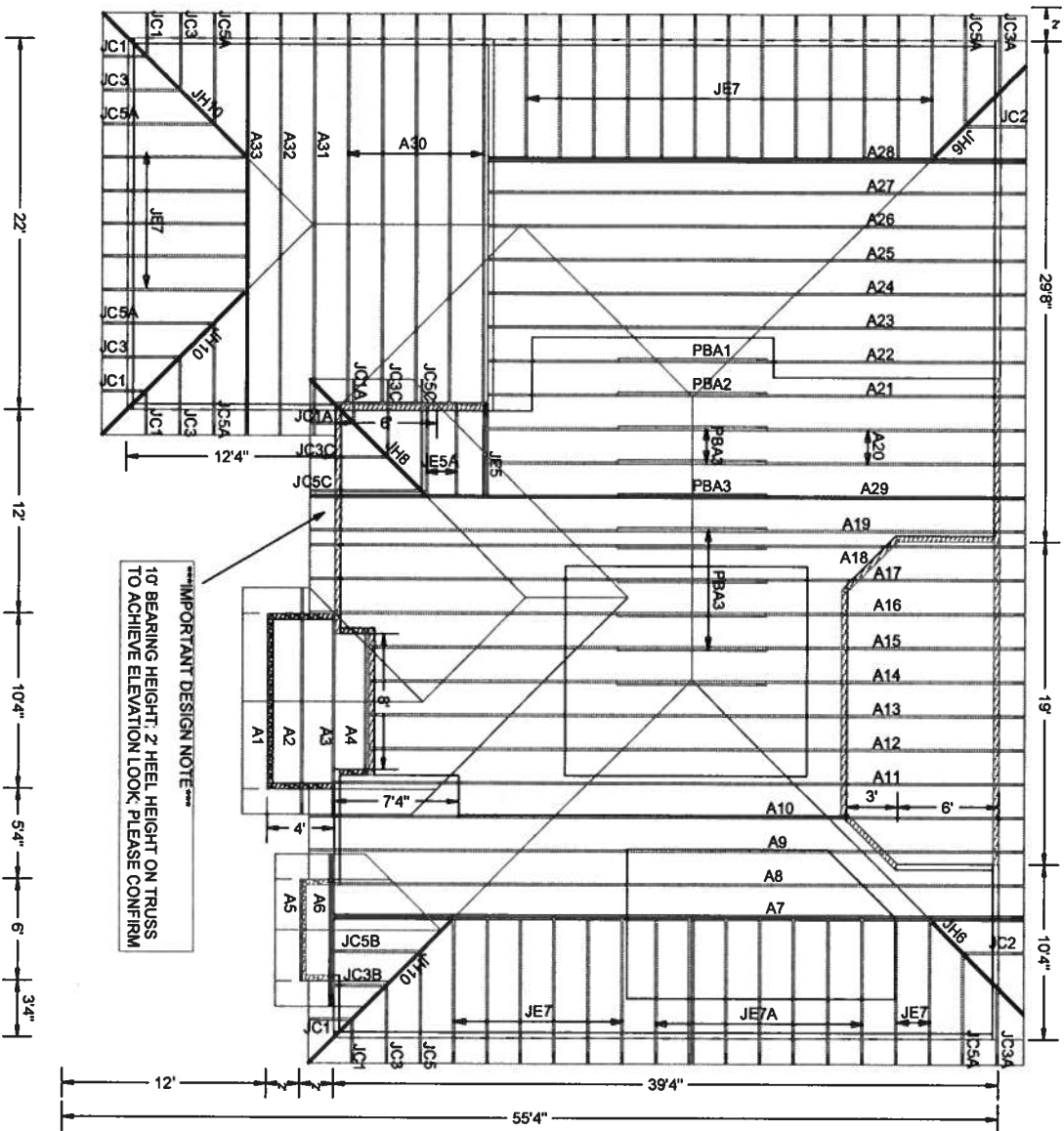
EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v4.1





NOTES:
A30 TRUSSES HANG ON 2x LEDGER BY OTHERS
GABLE END TRUSSES HAVE A DROPPED TOP
CHORD FOR 2x4 OUTLOOKERS

	- 8' BRG HEIGHT
	- 10' BRG HEIGHT
	- 12' BRG HEIGHT
	- 10' 2" BRG HEIGHT

ROOF PITCH: 8/12
CLG PITCH: N/A
OVERHANG: 18" PLUMB CUT
LOADING: 40 PSF T.L./SHINGLE
WIND LOAD: 110 MPH/ENCLOSED
EXT WALLS: 2x4 FRAMING
DATE: 2-21-07

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

Job Name: LOT 10 Hunter's Oak
Customer: Whiddon Construction
Designer: Chris McCall

JOB NO:

4335

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: IT58215-Z0528085008

Truss Fabricator: W.B. Howland
Job Identification: 4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL
Truss Count: 54
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 - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 02/28/2007

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.

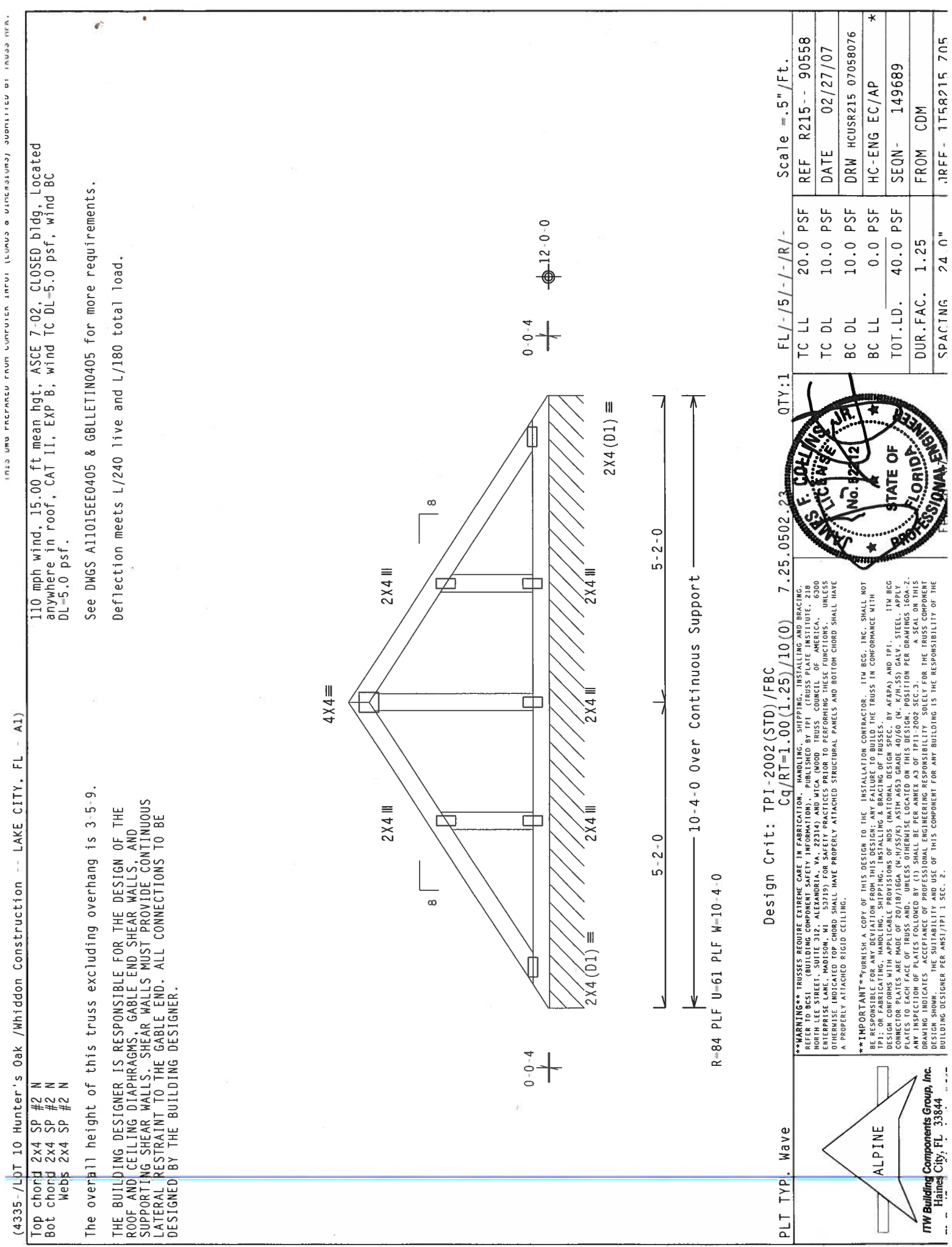
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Details: A11015EE-GBLLETIN-BRCLBSUB-CNBRGBLK-

#	Ref	Description	Drawing#	Date
1	90558--A1		07058076	02/27/07
2	90559--A2		07058077	02/27/07
3	90560--A3		07058078	02/27/07
4	90561--A4		07058079	02/27/07
5	90562--A5		07058080	02/27/07
6	90563--A6		07058127	02/27/07
7	90564--A7		07058081	02/27/07
8	90565--A8		07058082	02/27/07
9	90566--A9		07058083	02/27/07
10	90567--A10		07058084	02/27/07
11	90568--A11		07058085	02/27/07
12	90569--A12		07058086	02/27/07
13	90570--A13		07058087	02/27/07
14	90571--A14		07058088	02/27/07
15	90572--A15		07058089	02/27/07
16	90573--A16		07058090	02/27/07
17	90574--A17		07058091	02/27/07
18	90575--A18		07058092	02/27/07
19	90576--A19		07058093	02/27/07
20	90577--A20		07058094	02/27/07
21	90578--A21		07058095	02/27/07
22	90579--A22		07058096	02/27/07
23	90580--A23		07058097	02/27/07
24	90581--A24		07058098	02/27/07
25	90582--A25		07058099	02/27/07
26	90583--A26		07058100	02/27/07
27	90584--A27		07058101	02/27/07
28	90585--A28		07058102	02/27/07
29	90586--A29		07058129	02/27/07
30	90587--A30		07058103	02/27/07
31	90588--A31		07058104	02/27/07
32	90589--A32		07058105	02/27/07
33	90590--A33		07058106	02/27/07
34	90591--JC1		07058107	02/27/07
35	90592--JC1A		07058108	02/27/07
36	90593--JC2		07058109	02/27/07

#	Ref	Description	Drawing#	Date
37	90594--JC3		07058110	02/27/07
38	90595--JC3A		07058111	02/27/07
39	90596--JC3B		07058112	02/27/07
40	90597--JC3C		07058113	02/27/07
41	90598--JC5		07058114	02/27/07
42	90599--JC5A		07058115	02/27/07
43	90600--JC5B		07058116	02/27/07
44	90601--JC5C		07058117	02/27/07
45	90602--JE5		07058128	02/27/07
46	90603--JE5A		07058118	02/27/07
47	90604--JE7		07058119	02/27/07
48	90605--JE7A		07058120	02/27/07
49	90606--JH6		07058121	02/27/07
50	90607--JH8		07058122	02/27/07
51	90608--JH10		07058123	02/27/07
52	90609--PBA1		07058124	02/27/07
53	90610--PBA2		07058125	02/27/07
54	90611--PBA3		07058126	02/27/07





(4335-1)DT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A1)

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

The overall height of this truss excluding overhang is 3'-5" - 9'-0".

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.

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.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

Scale = .5" / Ft.

QTY: 1

FL / - / 5 - / - / 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"

REF R215 -- 90558

DATE 02/27/07

DRW HCUSR215 07058076

HC-ENG EC/AP

SEQN - 149689

FROM CDM

IRFF - 1T58215 705

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

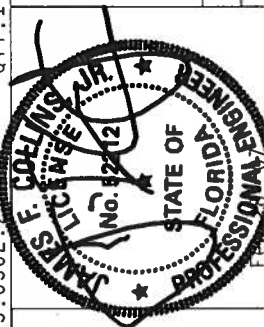
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

R-84 PLF U-61 PLF W-10-4-0

10-4-0 Over Continuous Support

5-2-0

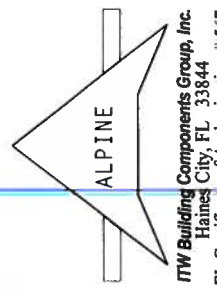
5-2-0



****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 RUTHERFORD STREET, SUITE 312, ALEXANDRIA, VA 22314) AND BCSA (WOOD PRESERVATION COUNCIL OF AMERICA, 6000 WOODBURN AVENUE, SUITE 100, DENVER, CO 80231) FOR MORE INFORMATION. IF THE TRUSS IS TO BE USED IN AN APPLICATION OTHER THAN THAT INDICATED ON THE TRUSS, THE USER 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 TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI1. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N/H/SS/K) ASTM A653 GRADE 40/60 (N. 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 ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN 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/TPI1 SEC. 2.



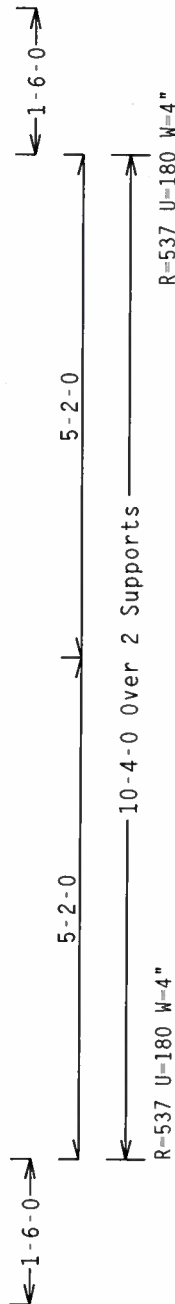
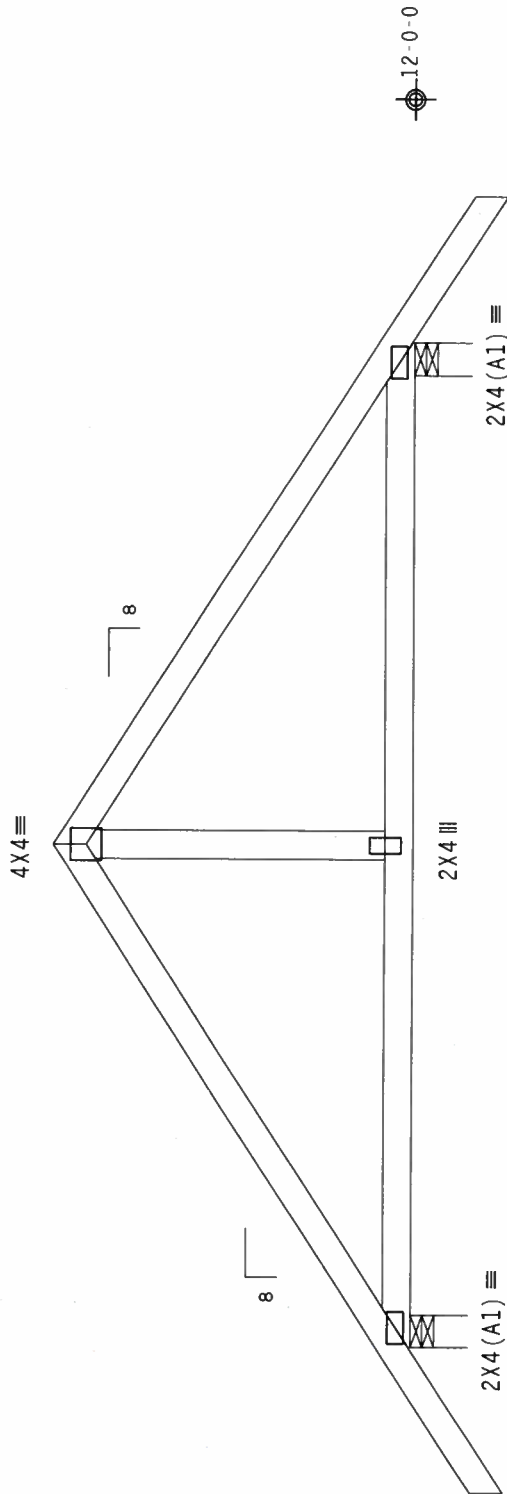
(4335-/LDT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A2)

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.

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

The overall height of this truss excluding overhang is 3-9-13.



R=537 U=180 W=4"

10-4-0 Over 2 Supports

R=537 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

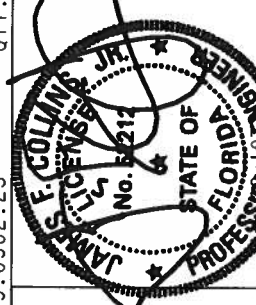
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QTY:1 FL/-/5/-/1-/-/R/-

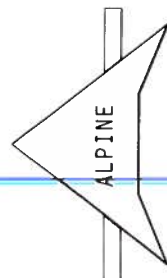
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING CONSTRUCTION SAFETY INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WTC (WOOD TRUSS COUNCIL), 1000 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2019/16GA (N-H/SS/16) ASTM A653 GRADE 40/60 (N. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE OBTAINED FROM A PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR 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.



TC LL	20.0 PSF	REF	R215 --	90559
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	07058077
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	149692	
DUR.FAC.	1.25	FROM	CDM	
CDATING	24 0"	DATE	17E001E	70E



ITW Building Components Group, Inc.
Haines City, FL 33844
ET Certificate of Authentication # 227

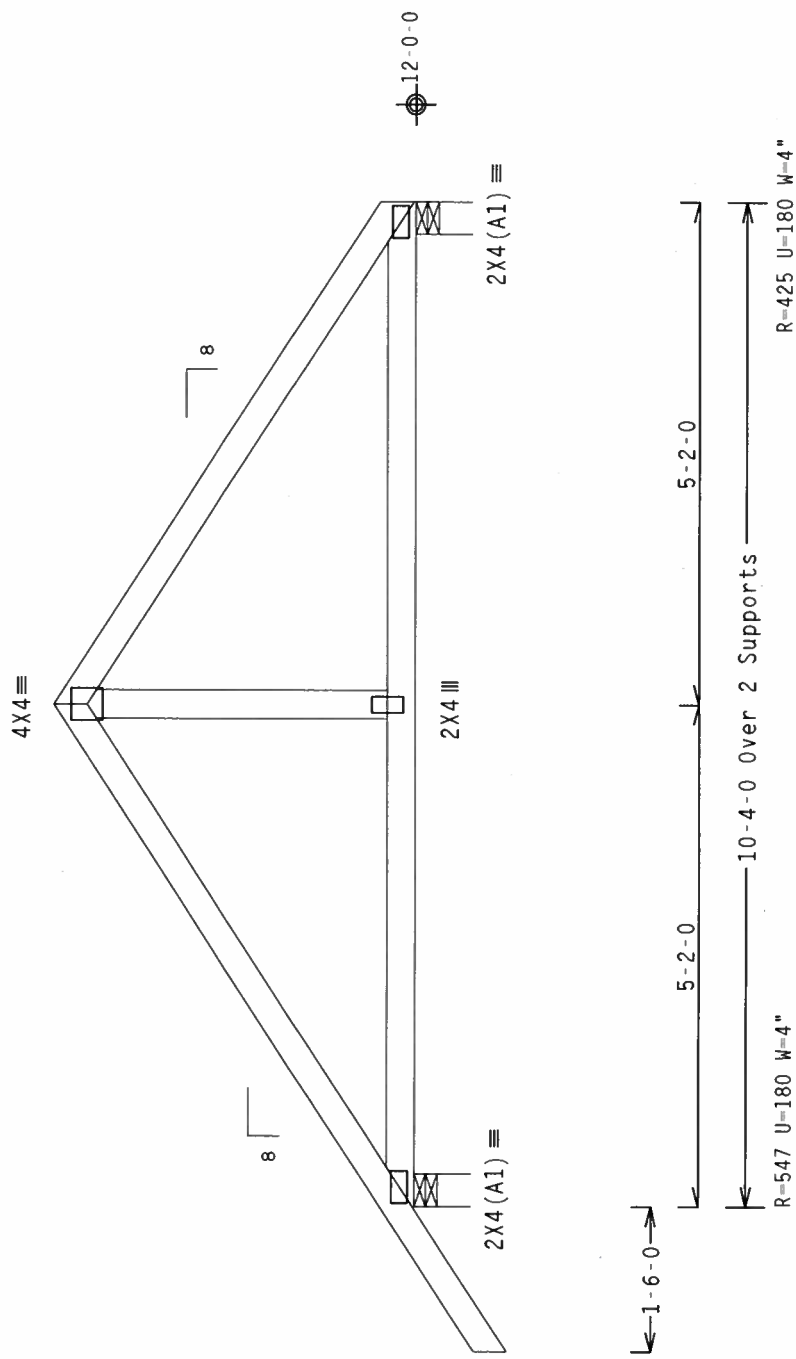
(4335-/LDT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A3)

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.

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

The overall height of this truss excluding overhang is 3-9-13.

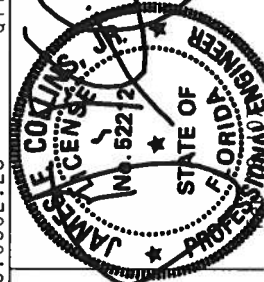


Design Crit: TPI-2002(STD)/FBC

Cg/RT=1.00(1.25)/10(0) 7.25.0502.23

Scale = .5"/Ft.

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		BC LL	0.0 PSF	HC-ENG	EC/AP	*
		TOT.LD.	40.0 PSF	SEQN-	149695	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JRFF-	1T58215	705



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 BUILDING COMPONENT SAFETY INFORMATION, PREPARED BY THE TRUSS MANUFACTURERS ASSOCIATION, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WICA (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. ITH 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W-M/SS/K) ASTM A653 GRADE 40/60 (N. K/M-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. TOP CHORD PLATES SHALL BE FOLLOWED BY BOTTOM CHORD PLATES. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN. THE SEAL IS THE PROPERTY OF THE DESIGNER. THE SEAL IS THE PROPERTY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

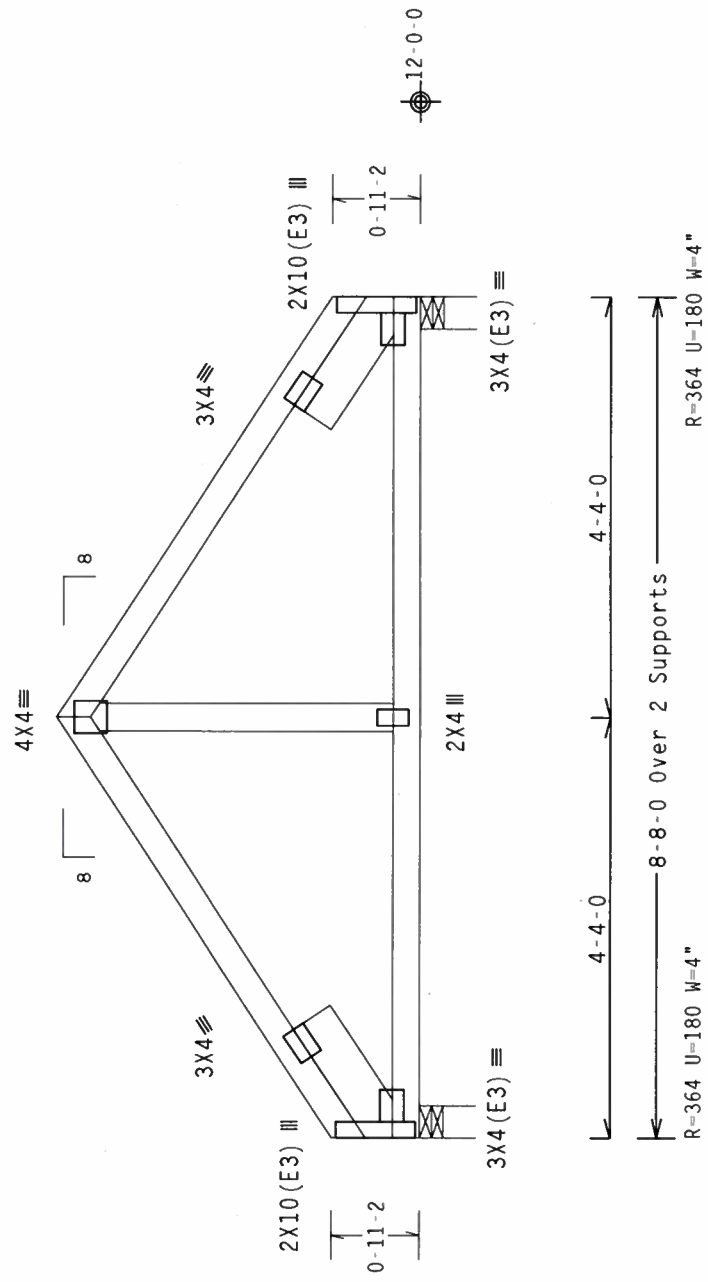
ITH Building Components Group, Inc.
Haines City, FL 33844

ET Certificate of Authorization # 547

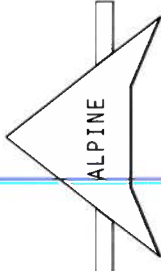
(4335- /LDT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A4)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x6 SP #2 N: BLOCK LENGTH = 1.500'
:Rt Slider 2x6 SP #2 N: BLOCK LENGTH = 1.500'
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.
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-9-13.



PLT TYP. Wave



ALPINE

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

Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215 - 90561
TC DL	10.0 PSF	DATE 02/27/07
BC DL	10.0 PSF	DRW HCUSR215 07058079
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 149698
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T58215 Z05

QT 1

FL/-/5/-/R/-

8-8-0 Over 2 Supports

R=364 U-180 W-4"

4-4-0

4-4-0

8

8

2X10(E3)

2X4

3X4

3X4(E3)

3X4(E3)

0-11-2

0-11-2

12-0-0

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 WICA (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 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITM BCG CONNECTION PLATES ARE MADE OF 2017/18/18GA (W/SS/K) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY ANY INSPECTION OF THESE PLATES FOR ANY DEFECTS. UNLESS OTHERWISE INDICATED, THE TRUSS COMPONENT DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A5)

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

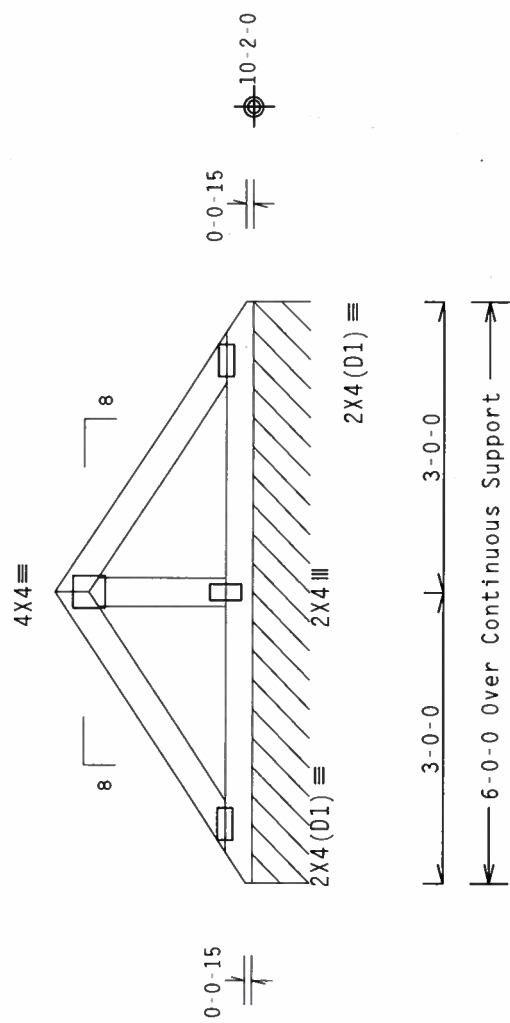
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 2-0-15.

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.

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

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.



R-84 PLF U-101 PLF W-6-0-0

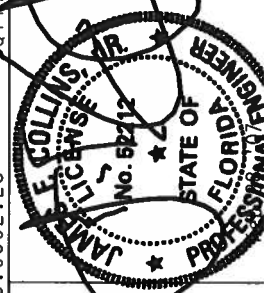
Design Crit: TPI-2002 (STD) / FBC
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Scale = .5" / Ft.

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		HC-ENG	EC/AP	*
		SEQN-	146989	
		FROM	CDM	
		JREF-	1T58215	Z05

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, 110 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICA (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 CONFORMS WITH APPLICABLE PROVISIONS OF RDS (NATIONAL DESIGN SPEC. BY AERPA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/766A (M-HYSS/A) ASTM A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL. APPLY ANY INSPECTION OF THE TRUSS END. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY 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 Building Components Group, Inc.
Haines City, FL 33844
ET Certificate of Authorization # 547

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B2 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS

----- (LUMBER DUR.FAC=1.25 / PLATE DUR.FAC=1.25)
TC - From 64 PLF at 1.50 to 64 PLF at 7.50
BC - From 5 PLF at 1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 6.00
BC - From 5 PLF at 6.00 to 5 PLF at 7.50
PLB- 215 LB Conc. Load at (1.76,8.04)
PLB- 2331 LB Conc. Load at (3.79,8.04)

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

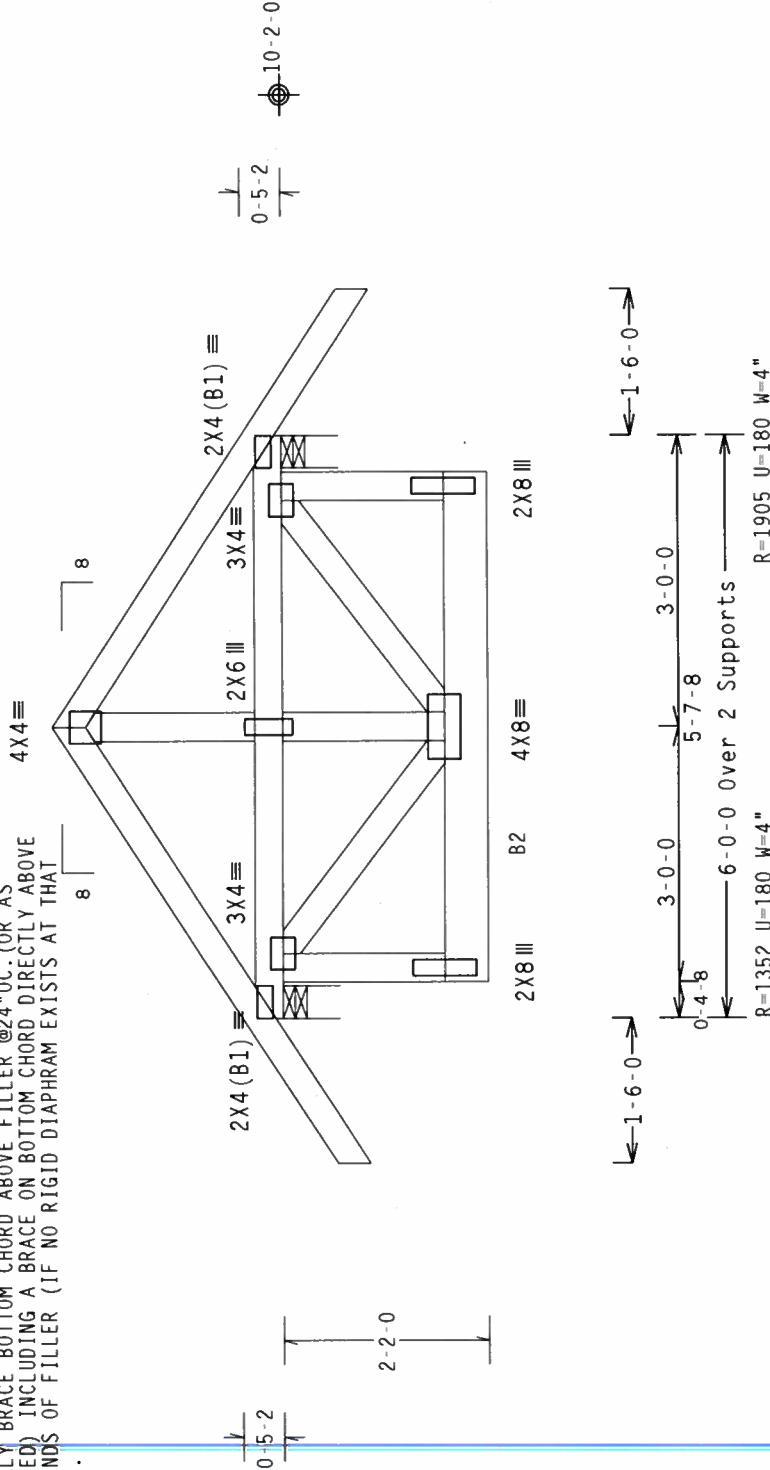
SEE DWGS BCFILLER1106 FOR BOTTOM CHORD (BC) FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER @24"OC.(OR AS
DESIGNED) INCLUDING A BRACE ON BOTTOM CHORD DIRECTLY ABOVE
BOTH ENDS OF FILLER (IF NO RIGID DIAPHRAM EXISTS AT THAT
POINT).

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @3.75" O.C.
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.

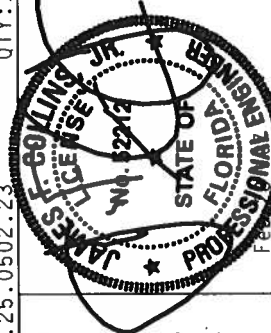
The overall height of this truss excluding overhang is 2-5-2.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0502.23
QTY:1 FL/-/5/-/-/R/-
Scale =.5"/Ft.

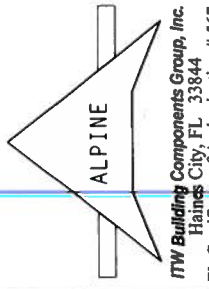
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FROM	CDM	
JREF	1T58215_Z05	



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENTS SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-4400, 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 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. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/SS/4) ASTM A653 GRADE 40/60 (4. K/M-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 ANEX A3 OF TPI-2002 SEC.3 FOR THE TRUSS APPROVED DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS APPROVED DESIGN SHOWN. THE SUBSEQUENT USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PLT TYP. Wave



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

Left end vertical not exposed to wind pressure.

#1 hip supports 4-0-0 jacks at left end and 7-0-0 jacks at right end. Jacks have 2 panel TC and no end vertical.

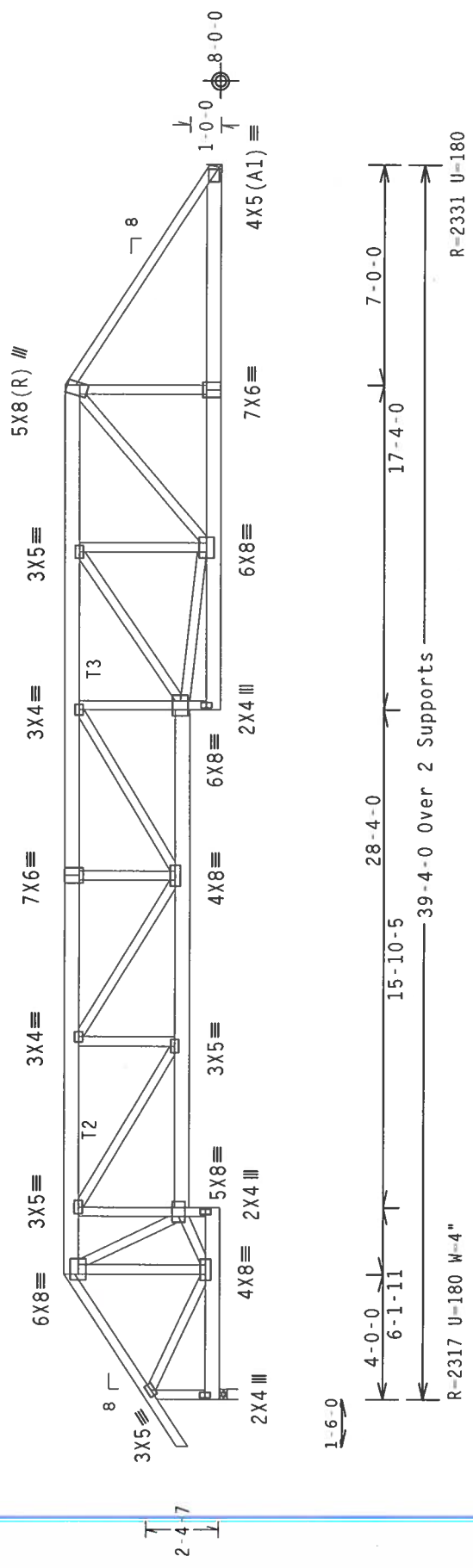
The overall height of this truss excluding overhang is 5-0-7.

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.

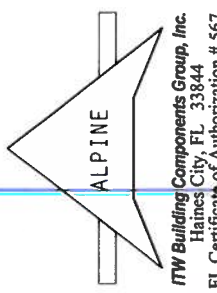
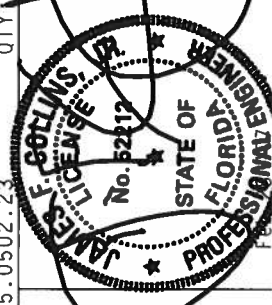


Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

PLT TYP. Wave	QTY 1	FL / - / 5 / - / R / -	Scale = .1875" / Ft.
	TC	20.0 PSF	REF R215 - 90564
	TC DL	10.0 PSF	DATE 02/27/07
	BC DL	10.0 PSF	DRW HCUSR215 07058081
	BC LL	0.0 PSF	HC-ENG EC/AP
	TOT.LD.	40.0 PSF	SEQN - 147118
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	IRRF - 1T58215 705

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS DESIGNER HAS NOT CONSIDERED THE EFFECTS OF IMPACT, COLLISION, OR OTHER UNUSUAL LOADS. THE TRUSS IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT WAS DESIGNED. THE TRUSS IS NOT TO BE MODIFIED OR REPAIRED WITHOUT THE WRITTEN CONSENT OF THE TRUSS DESIGNER. THE TRUSS IS NOT TO BE USED IN ANY MANNER THAT WOULD BE CONSIDERED A VIOLATION OF THE BUILDING CODE. THE TRUSS IS NOT TO BE USED IN ANY MANNER THAT WOULD BE CONSIDERED A VIOLATION OF THE BUILDING CODE.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE 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 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.



(4335-)/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A8)

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

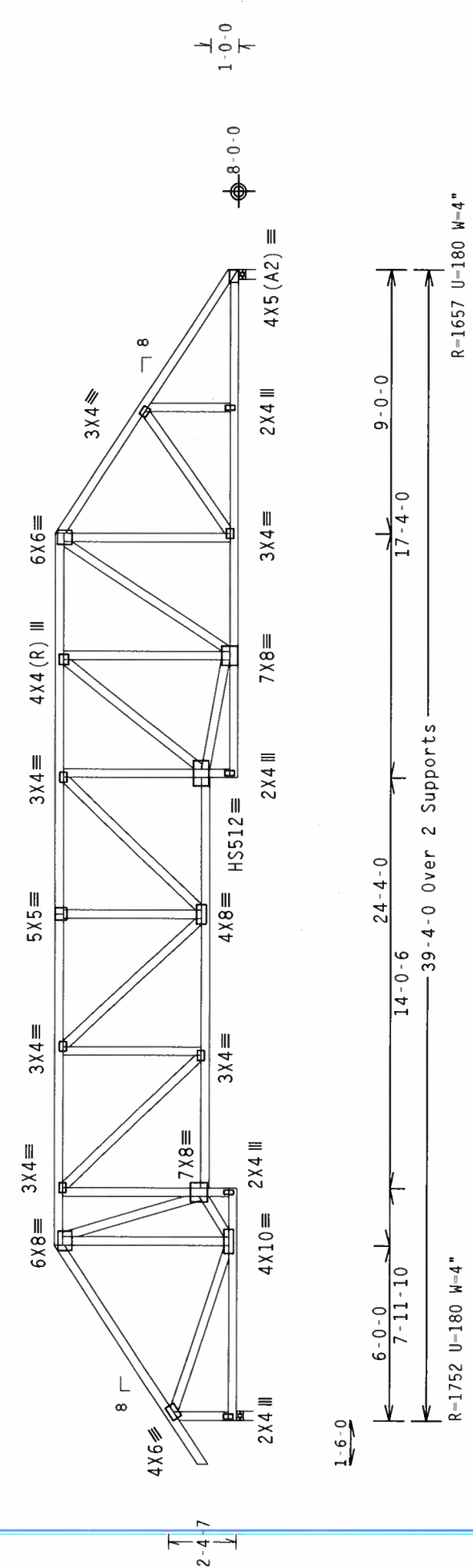
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Left 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.

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

The overall height of this truss excluding overhang is 6-4-7.



PLT TYP. 20 Gauge HS, Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23 QTY:1 FL/-5/-/-/R/-

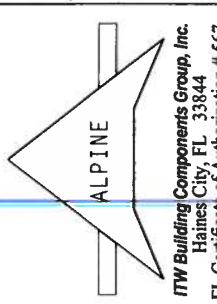
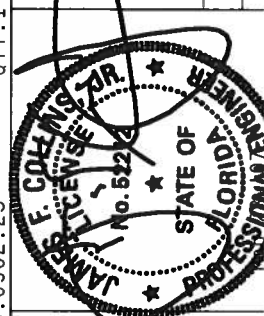
Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RESEARCH ENGINEERING, INC. 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WCA (WOOD) TRUSS COMPANY, INC. 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 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 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SEAL IS NOT VALID WITHOUT THE SIGNATURE OF THE DESIGNER. ITW BCG, INC. IS 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 --	90565
DATE	02/27/07	
DRW	HCUSR215	07058082
HC-ENG	EC/AP	*
SEQN	147126	
FROM	CDM	
DIFF	1TEA215	705



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.

(A) Continuous lateral bracing equally spaced on member.

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

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

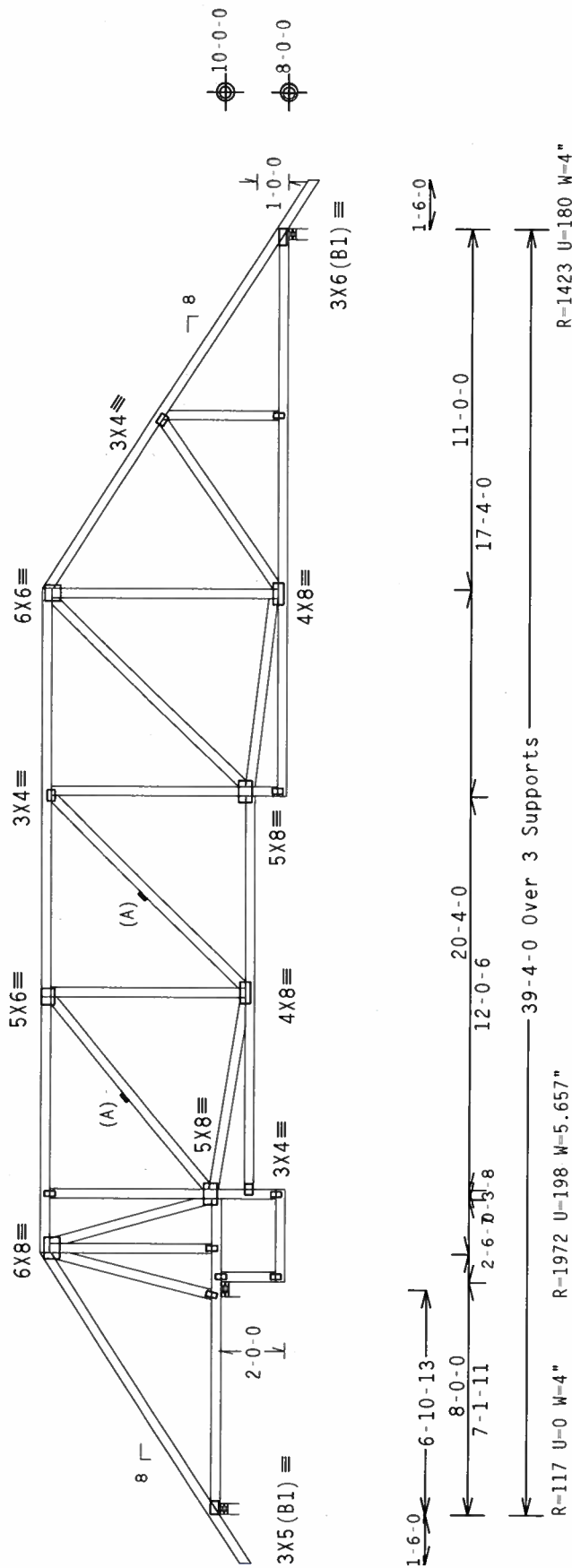
The overall height of this truss excluding overhang is 5-8-7.

SEE DWGS BC FILLER1106 FOR BOTTOM CHORD (BC) FILLER DETAILS.

LATERALLY 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

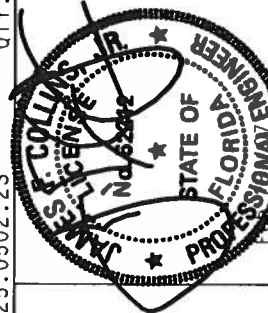
PLT_TYP: Wave

$$Cq/RT=1.00(1.25)/10(0) \quad 7.25.0502.23$$

QTY:1 FL/-15/-/-1R/-

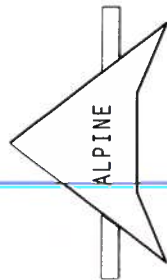
Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215--	90566
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	07058083
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	147132	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	DEE-	1TE821	705



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 WITA (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 DETAILATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS, AIA/ICC, AND AIA/ICC. TRUSSES BY AEPRA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/ 1/2X5/16) ASTM A653 GRADE 40/50 (W/ K1/4X5/16 GALV.) STEEL. ALL PLATES TO EACH FACE OF TRUSS AND OVERLAP/INTERSECTIONS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI1 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

Haines City, FL 33844
 FI Certificate of Authorization # 567

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

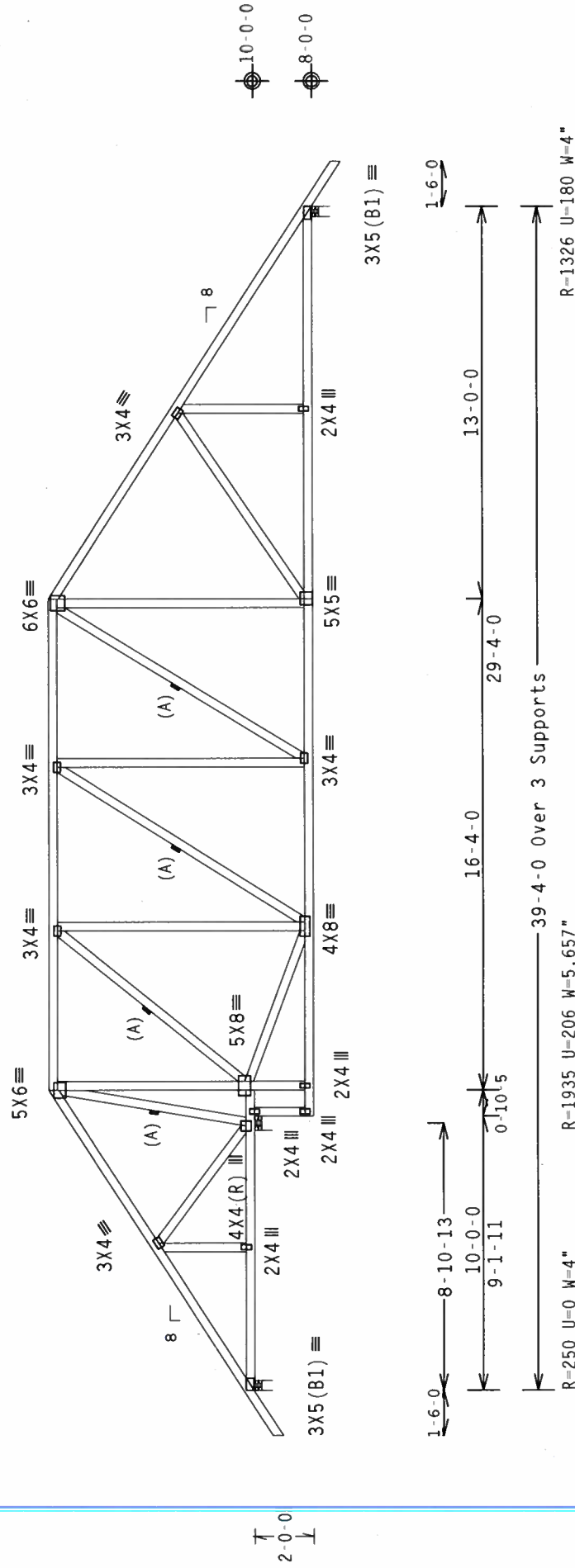
(A) Continuous lateral bracing equally spaced on member.

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 7-0-7.

SEE DWGS BCFLR1106 FOR BOTTOM CHORD (BC) FILLER DETAILS.
LATERALLY 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 PO



R-1326 11-180 W-4"

R-1935 11-206 W-5 657"

$R=250$ $l=0$ $W=4"$

Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

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

.0502.23

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

Design

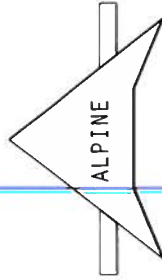
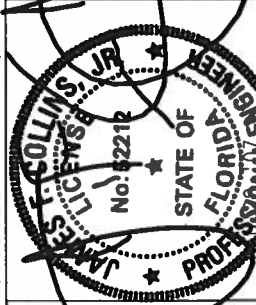
PLT TYPE: Wave

1. **WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. SPECIALIZED PERSONNEL SHOULD BE USED. FOR MORE INFORMATION, CONTACT THE TRUSS MANUFACTURER.

2. **WARNING:** TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THOSE SPECIFICALLY INTENDED BY THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER SHIPPING AND HANDLING OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER STORAGE OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER REPAIR OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER REPLACEMENT OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER RECYCLING OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER REUSE OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER REPAIR OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER REPLACEMENT OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER RECYCLING OF THE TRUSS. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER REUSE OF THE TRUSS.

****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR WITH BCG, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION (AISC) AND THE BUILDING CODES OF THE JURISDICTION WHERE THE TRUSSES ARE TO BE USED. THE DESIGN IS BASED ON THE FOLLOWING ASSUMPTIONS: ALL TRUSSES WILL BE FABRICATED, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGN IS BASED ON THE FOLLOWING ASSUMPTIONS: ALL TRUSSES WILL BE FABRICATED, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGN IS BASED ON THE FOLLOWING ASSUMPTIONS: ALL TRUSSES WILL BE FABRICATED, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGN IS BASED ON THE FOLLOWING ASSUMPTIONS: ALL TRUSSES WILL BE FABRICATED, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

TC LL	20.0 PSF	REF R215-- 90567
TC DL	10.0 PSF	DATE 02/27/07
BC DL	10.0 PSF	DRW HCUR215 07058084
BC LL	0.0 PSF	HC-ENG EC/AP
TD T.LD.	40.0 PSF	SEQN- 147138
DIR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T58215 705



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

(4335- /LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - All)

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

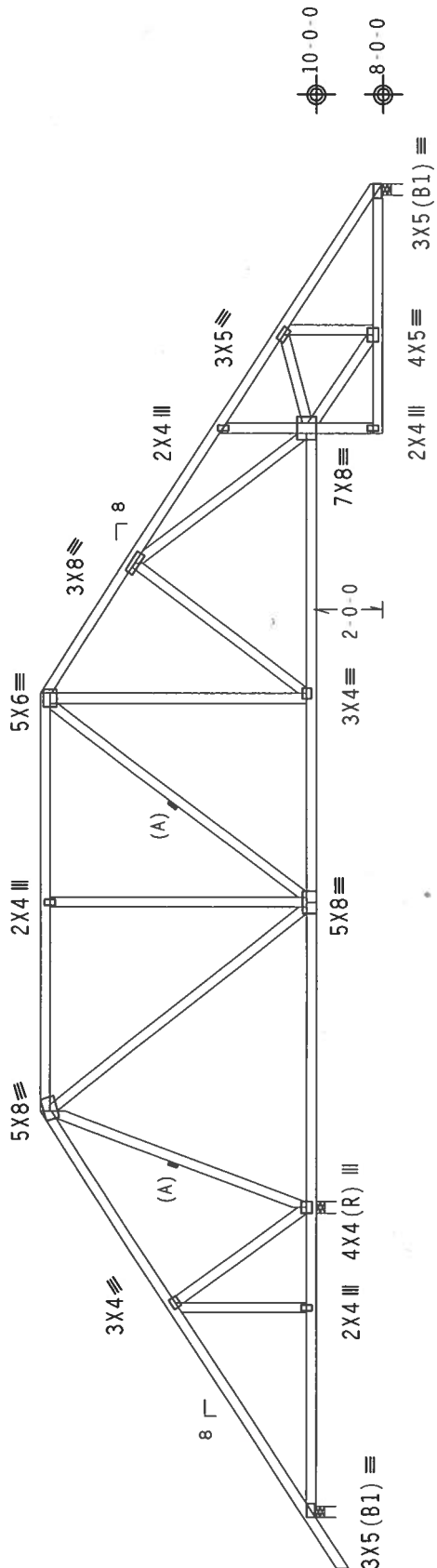
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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 8-4-7.

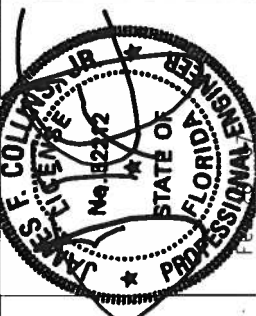


1-6-0
9-2-0
12-0-0
32-0-0
12-4-0
15-0-0
7-4-0
39-4-0 Over 3 Supports
R-65 U-0 W-4
R-2202 U-205 W-4
R-1142 U-180 W-4"

PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23
QTY: 1 FL/-/5/-/-/R/-

Scale = 1/8" = 1'-0"

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"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48061) 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 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 ACPA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/55/75) ASTM A653 GRADE 40/60 (40, 40/55) GALV. STEEL. APPLY 2 LAYERS OF 2018/16GA (40/55/75) GALV. STEEL OVER THE ENTIRE SURFACE 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.

ITW Building Components Group, Inc.
Haines City, FL 33844
ET Certificate of Authorization # 667

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.

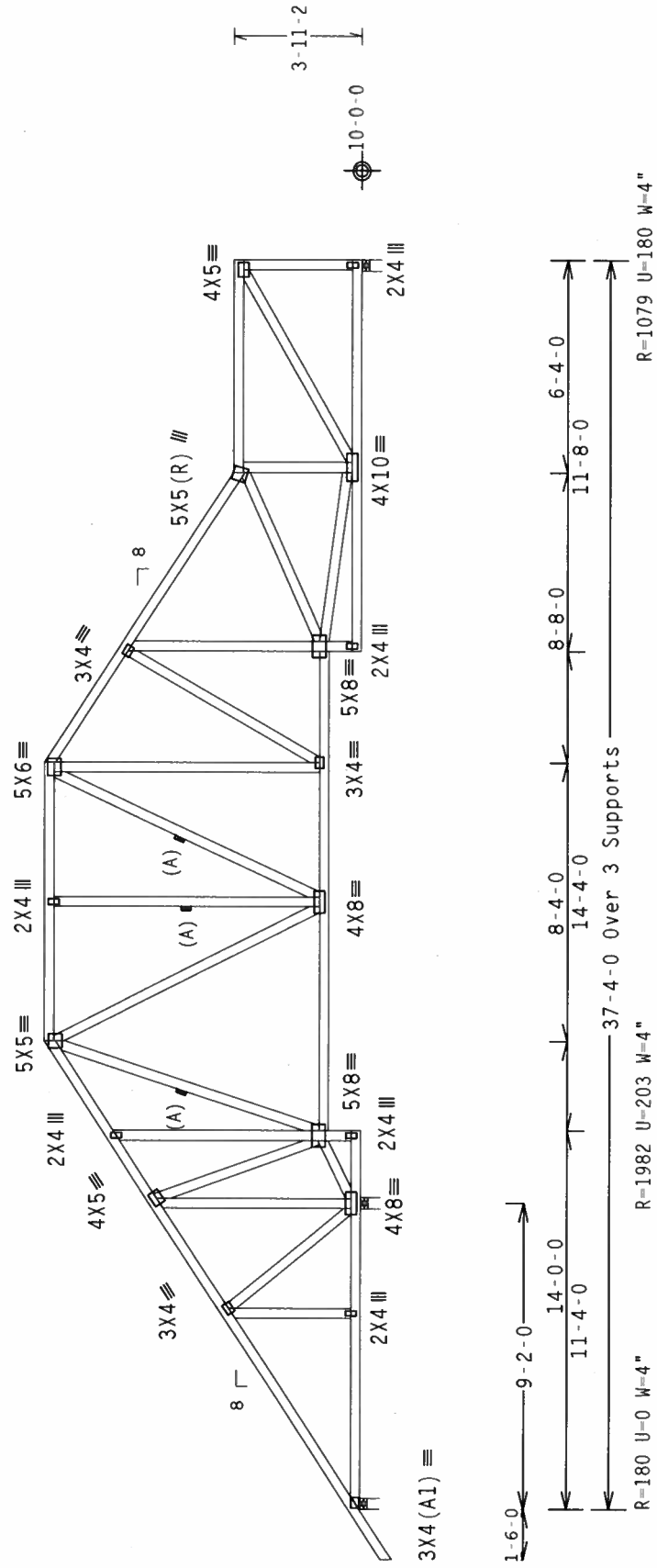
(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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 9-8-7.

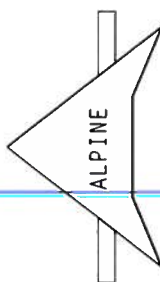


Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

Scale = .1875"/Ft.

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

PLT TYP. Wave

 ITW Building Components Group, Inc. Haines City, FL 33844 Certificate of Authorization # 447	**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, 22304) 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.		TC LL	20.0	PSF	REF	R215--	90569
	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.		TC DL	10.0	PSF	DATE	02/27/07	
	DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. ITW BCG DESIGNER PLATES ARE MADE OF 20/18/16GA (N/H/SS/K) ASTM A653 GRADE 40/60 (N. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2, 100B-2, 100C-2, 100D-2, 100E-2, 100F-2, 100G-2, 100H-2, 100I-2, 100J-2, 100K-2, 100L-2, 100M-2, 100N-2, 100O-2, 100P-2, 100Q-2, 100R-2, 100S-2, 100T-2, 100U-2, 100V-2, 100W-2, 100X-2, 100Y-2, 100Z-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 ANSI/TPI 1 SEC. 2.		BC DL	10.0	PSF	DRW	HCUSR215	07058086
			BC LL	0.0	PSF	HC-ENG	EC/AP	
			TOT.LD.	40.0	PSF	SEQN-	150002	
			DUR.FAC.	1.25		FROM	CDM	
			SPACING	24.0"	JREF-	1T58215	Z05	

(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A15)

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.

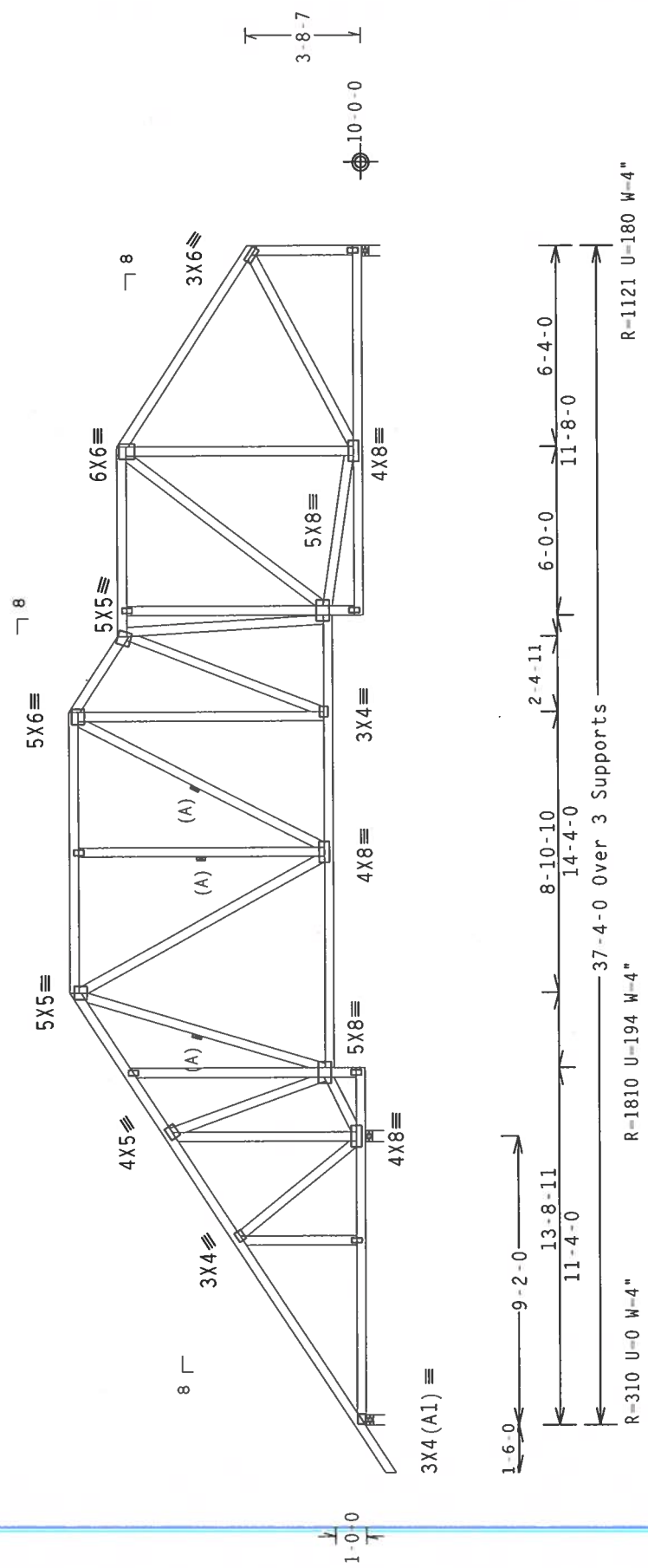
(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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 9-6-4.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0502-23

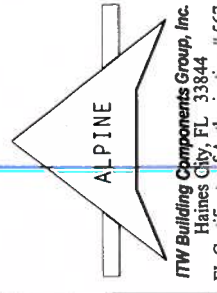
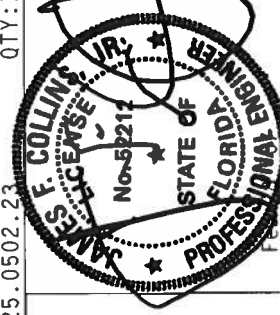
QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

REF	R215--	90572
DATE	02/27/07	
DRW	HCUSR215	07058089
HC-ENG	EC/AP	
SEQN	149988	
FROM	CDM	
JREF	1T58215_Z05	

PLT TYP. Wave

****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), 6300 WILSON AVENUE, WILSONVILLE, OR 97158, 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 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 ACPA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (IN. K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS IGA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERAS OF TPI-2002, SEC. 2. FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SIGNATURE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERAS/1011 SEC. 2.



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

Top chord	2x4	SP	#2 N
Bot chord	2x4	SP <td>#2 N</td>	#2 N
Web	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.

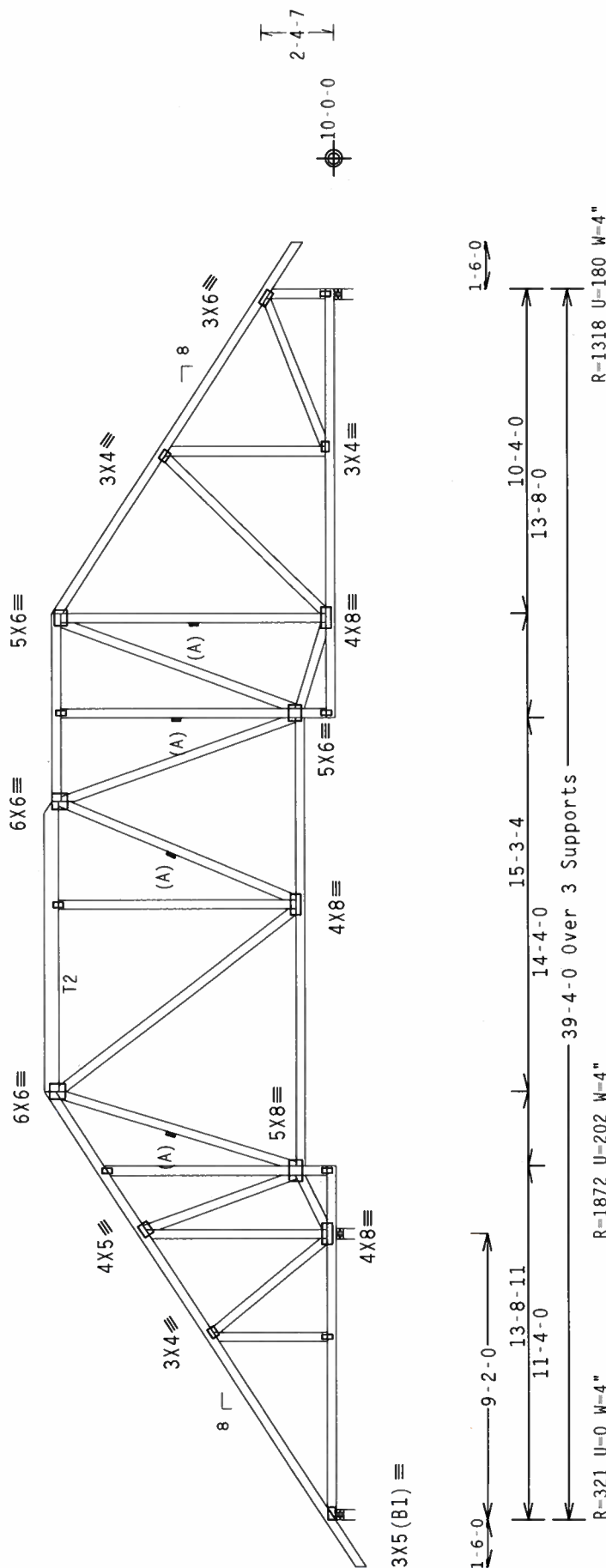
(A) Continuous lateral bracing equally spaced on member.

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.

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

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



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

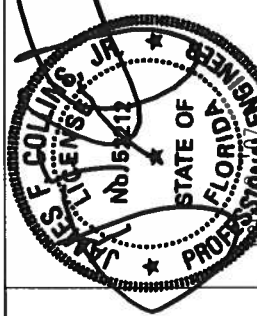
$$Cq/RT=1.00(1.25)/10(0) \quad 7.25.0502.23$$

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

Scale = .1875"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND PRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY ITT (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AIA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WINTERLIFE LANE, MAUI, HI 96719) FOR TRUSS 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 AGENCY SHALL BE RESPONSIBLE FOR THE INSTALLATION CONTRACTOR'S TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING AND SHIPPING. INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF MOST RECENT DESIGN SPEC. BY AFPA, AND TPI. THIS BEGINS WITH THE SUBMITTAL OF THE TRUSS MANUFACTURING DRAWINGS TO KASAP GAVI STEEL PLATEWORK CO. LTD. PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPI-2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. THE REMAINDER OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 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" O" C

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

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

(A) Continuous lateral bracing equally spaced on member.

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

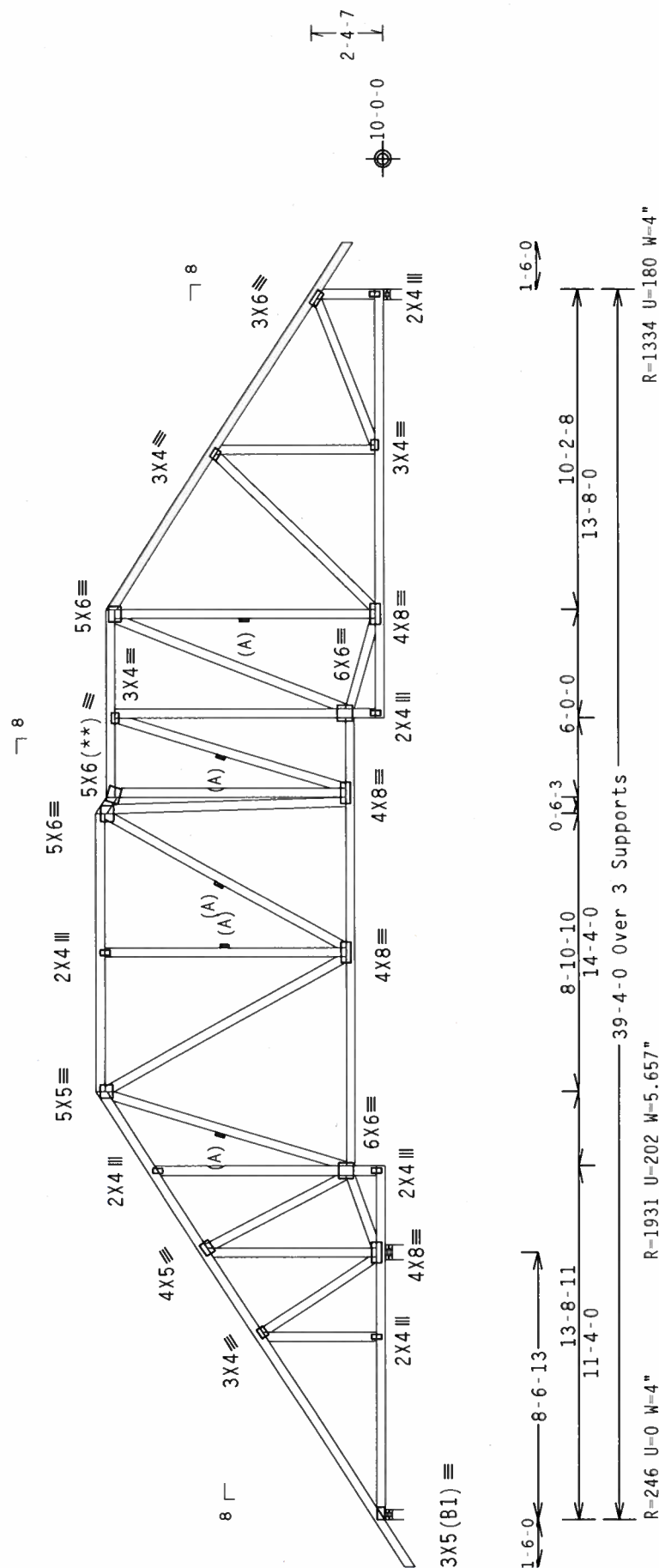
Deflection meets L/240 live and L/180 total load.

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

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.

Right 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 9-6-4.



Design Crit: TPI-2002(STD)/FBC

$$Cq/RT = 1.00(1.25)/10(0) \quad 7.25.0502.23$$

Scale = .1875"/Ft.

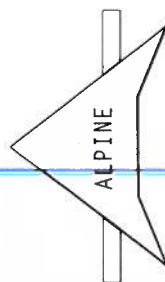
PLT TYP. Wave

***WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE BUILDING COMPONENT SAFETY INFORMATION. (BUILDING COMPONENT SAFETY INSTITUTE, 2100 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. THE ECG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.), BY AISC/AASHTO/TPI-1 STEEL TBM BCG 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 A OF TPI-1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS CONSTRUCTION. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AISC/TPI-1 SEC. 2.



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

TC LL	20.0 PSF	REF R215 - - 90574
TC DL	10.0 PSF	DATE 02/27/07
BC DL	10.0 PSF	DRW HCUR215 07058091
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 149677
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T58215 705

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.

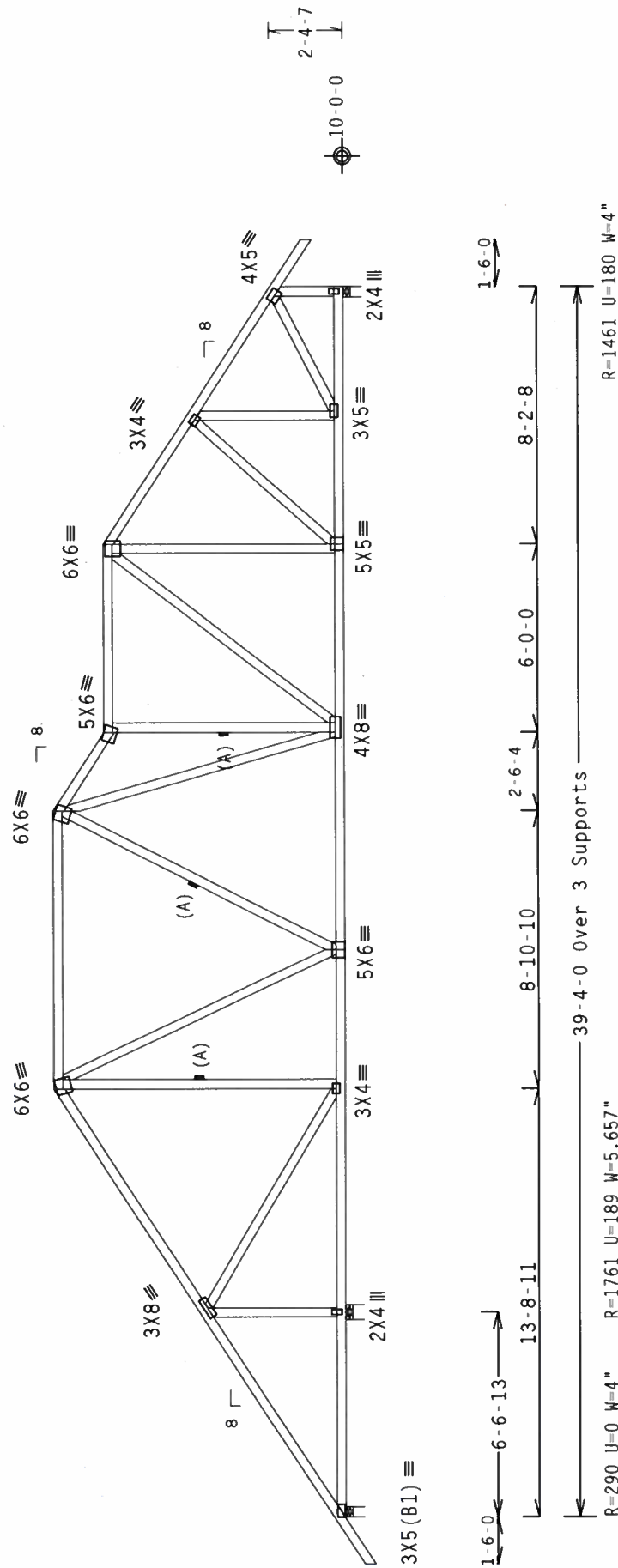
(A) Continuous lateral bracing equally spaced on member.

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.

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

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



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

PLT TYP. Wave

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

0502.23

$$Ca/RT=1.00(1.25)/10(0) \quad 7$$

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-
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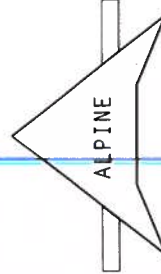
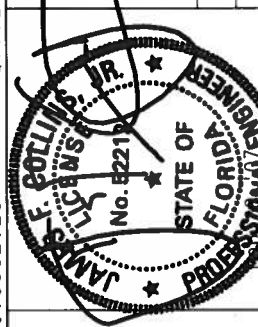
PIT TYPE Wave

[illegible]

TC LL	20.0 PSF	REF R215-- 90575
TC DL	10.0 PSF	DATE 02/27/07

****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 OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR ERECTING THE TRUSSES. ITW BCG DESIGN COMPONENTS ARE MADE OF 2018/16GALV/AL/STEEL ASHTM A663 GRADE 40/50 (H K/HSS) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP1-2002-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 ANSI/TP1-1 SEC. 2.

BC LL	0.0 PSF	HC-ENG EC/AP	
TOT.LD.	40.0 PSF	SEQN-	149671
DUR.FAC.	1.25	FROM	CDM
SPACING	24 0"	JREF-	1T58215 705



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

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

(A) Continuous lateral bracing equally spaced on member.

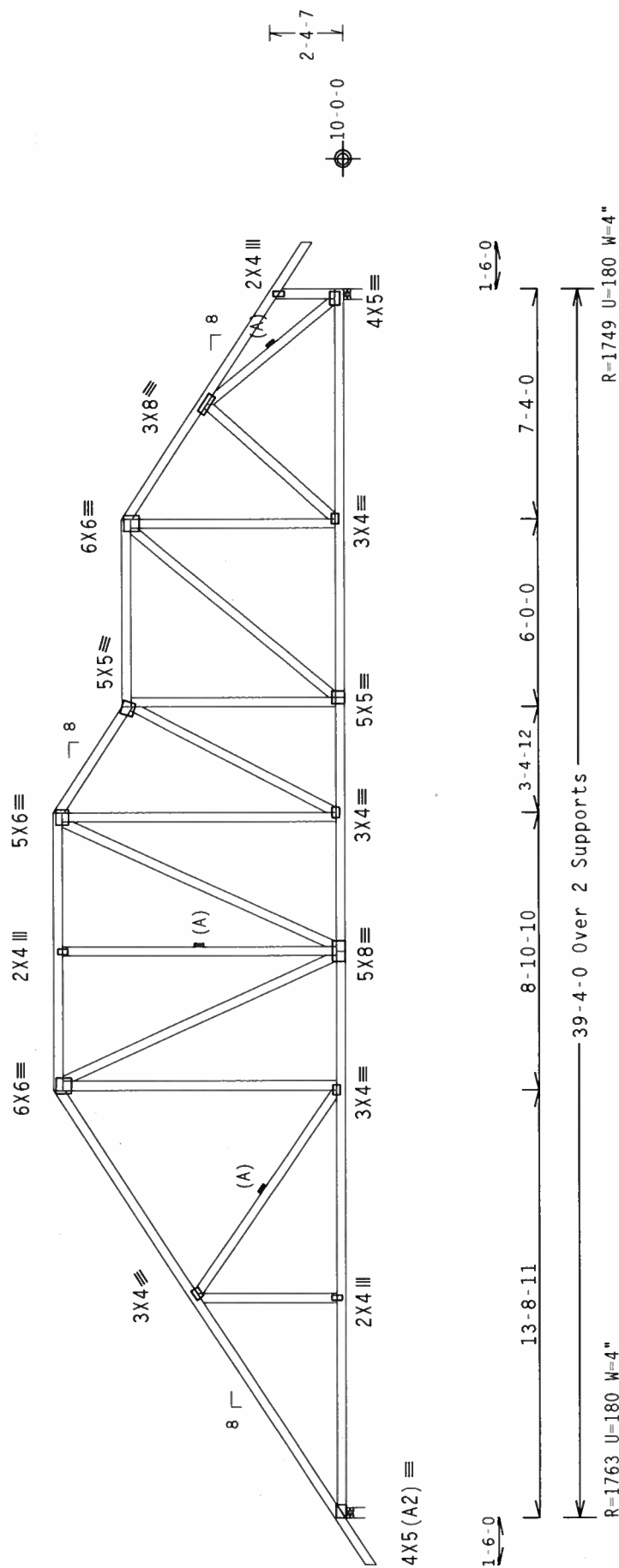
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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.

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

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

PLT TYP. Wave

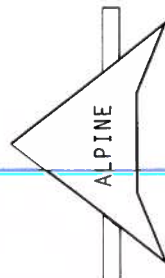
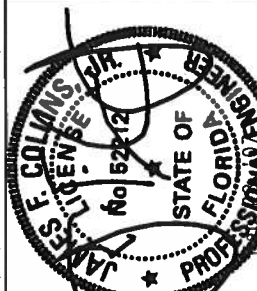
$$Ca/RT = 1.00(1.25)/10(0) \quad 7.25.0502.23$$

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

FL/-/5/-/-/R/-	Scale = .1875"/Ft.
TC LL 20.0 PSF	REF R215-- 90576

6300
COUNCIL OF AMERICA,
22314)
WOOD TRUSS
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WITCA (WOOD TRUSS
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 COMPLIANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES BY ATRFA AND TPI-1 WITH BCG DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. (NDS) STEEL APL-2) APPLIES TO 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 A 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 ANNEX 1/TPI 1 SEC. 2.



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

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 8, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

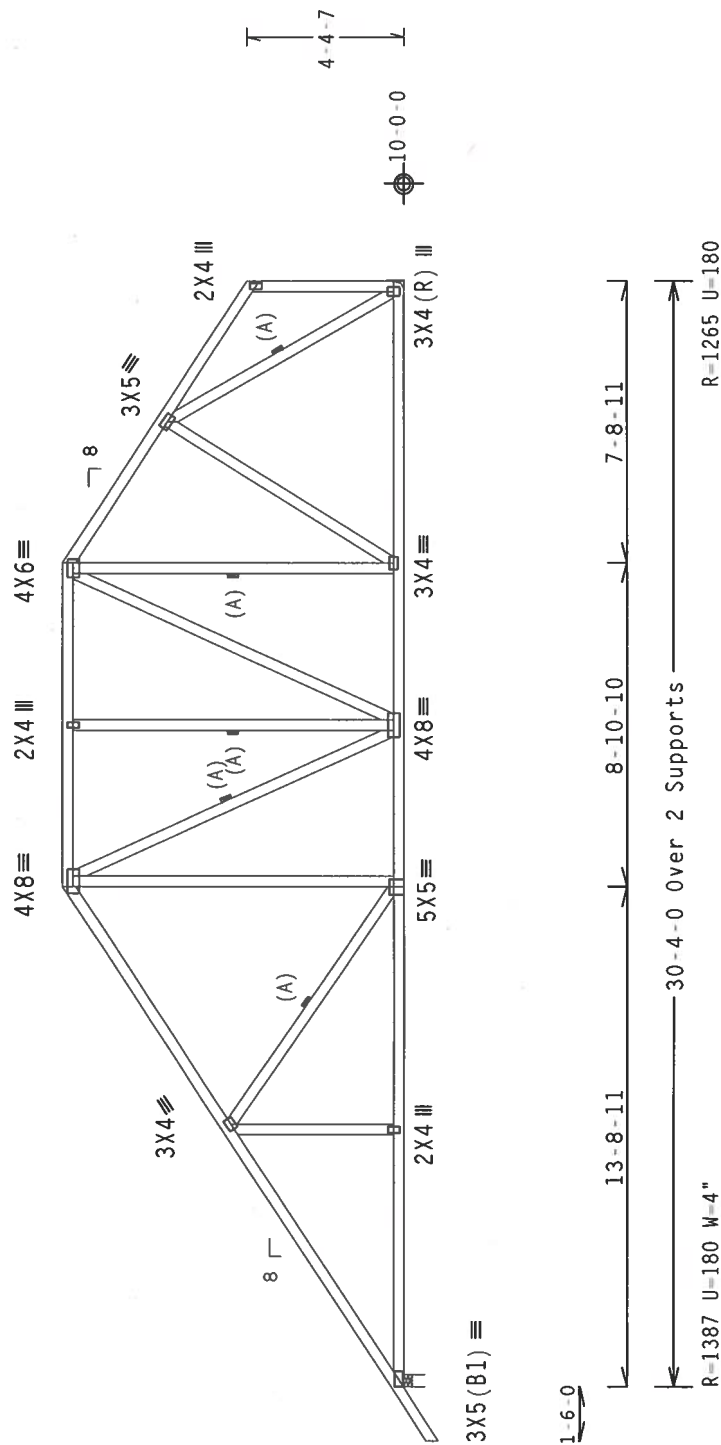
(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

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 9.6.4.



Design Crit: TPI-2002(STD)/FBC

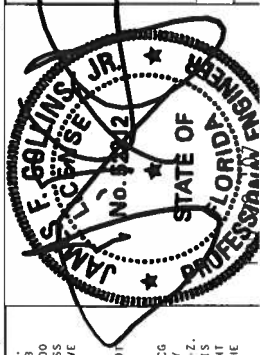
PLT TYP. Wave

 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0502.23

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

Scale = .1875" / Ft.

TC LL	20.0	PSF	REF R215-- 90577
TC DL	10.0	PSF	DATE 02/27/07
BC DL	10.0	PSF	DRW HCUR215 07058094
BC LL	0.0	PSF	HC-ENG EC/AP
TOT.LD.	40.0	PSF	SEQN- 149617
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1158215 Z05



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND PRACING. REFER TO BCSI (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, MI 48051, 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 TRUSS IN COMPLIANCE WITH THE DESIGN SPECIFICATIONS AND/OR THE TRUSS COMPONENTS. PROVIDING HANDLING, SHIPPING AND UNLOADING OF TRUSSES BY THE TRUSS MANUFACTURER SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. PROVIDING NDS (NATIONAL DESIGN SPEC.) BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/H/25%) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 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

(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A22)

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.

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

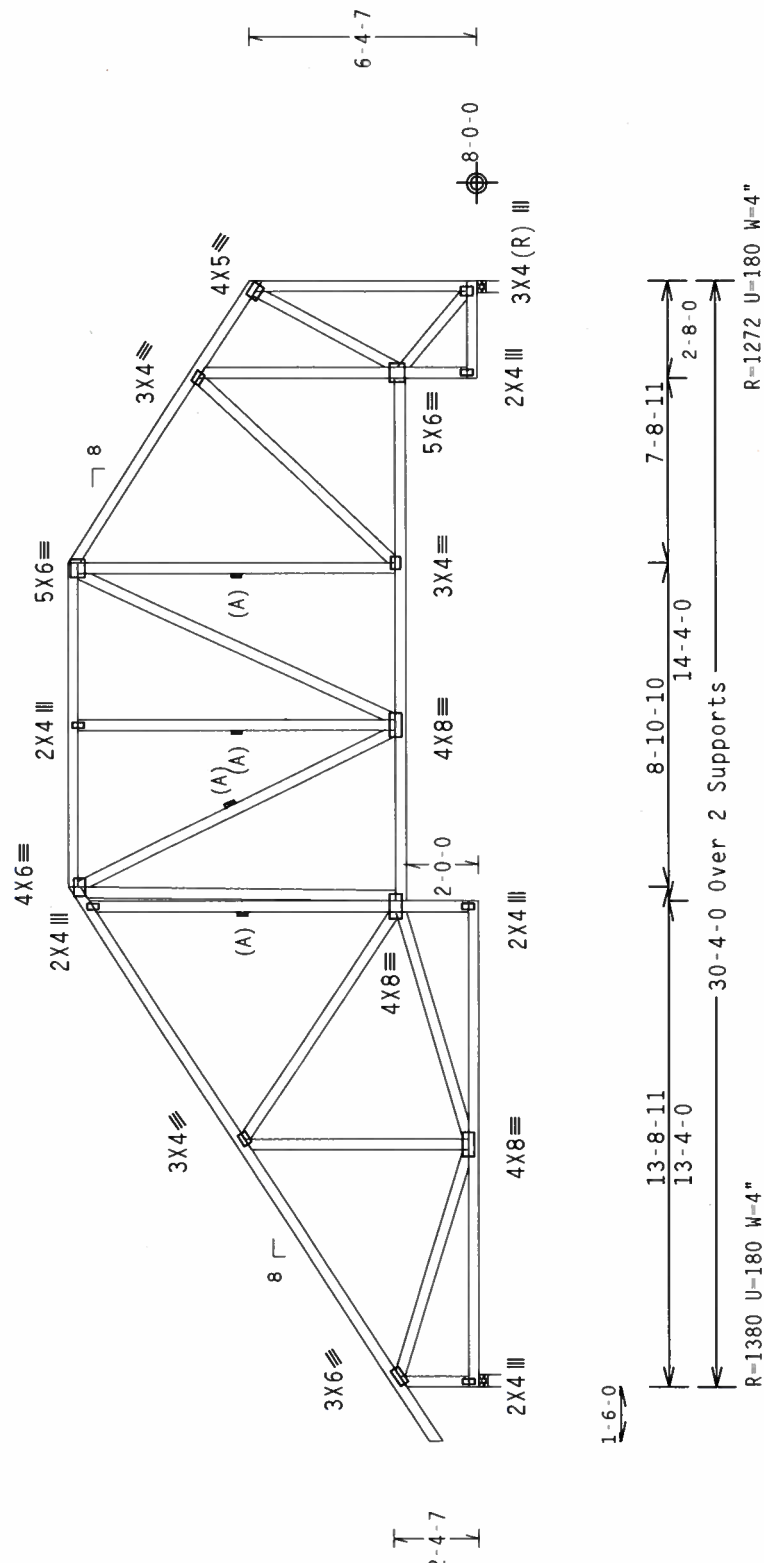
Right end vertical not exposed to wind pressure.

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

(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 11'-6-4".



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

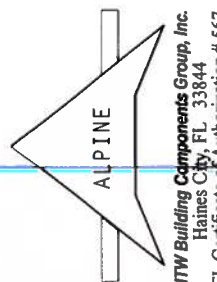
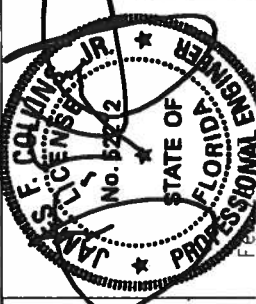
Scale = .1875"/Ft.

PLT TYP. Wave

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), 2100 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 2018/166A (N.H/SS/A) ASTM A653 GRADE 40/60 (N. 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 AMER AD OF IPTI-2002 SEC.3 FOR THE TRUSS OR THIS DRAWING INDICATES THE ACCEPTABLE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS OR THIS DRAWING INDICATES THE ACCEPTABLE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS OR THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

QTY:1	FL/-/5/-/R/-	TC LL	20.0 PSF	REF	R215--	90579
		TC DL	10.0 PSF	DATE	02/27/07	
		BC DL	10.0 PSF	DRW	HCUSR215	07058096
		BC LL	0.0 PSF	HC-ENG	EC/AP	*
		TOT.LD.	40.0 PSF	SEQN-	149976	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JREF-	1T58215	Z05



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.

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

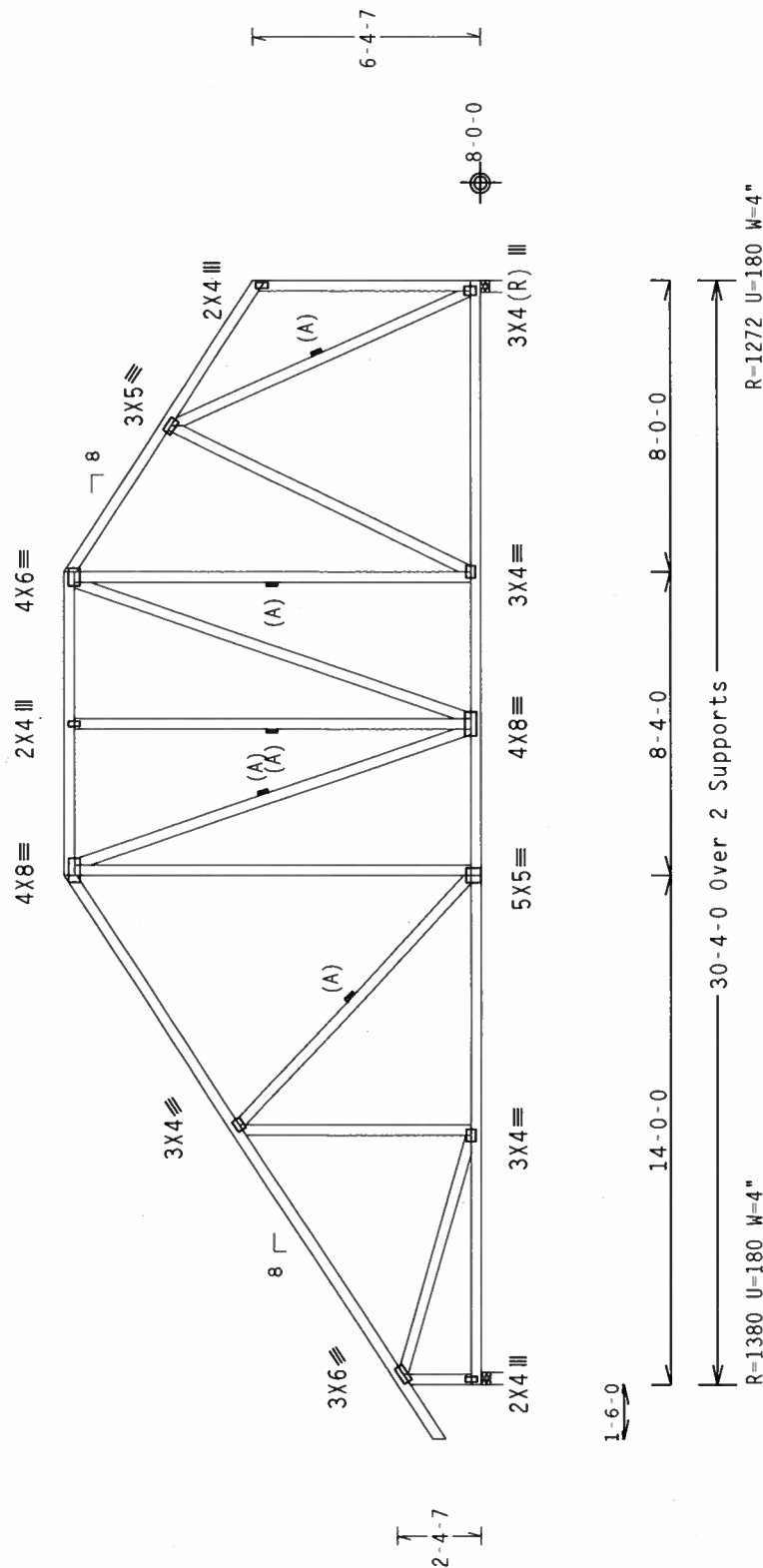
Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

24" OC.

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

The overall height of this truss excluding overhang is 11-8-7.



Design Crit: TPI-2002(STD)/FBC

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

PLT TYP. Wave

 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0502.23

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

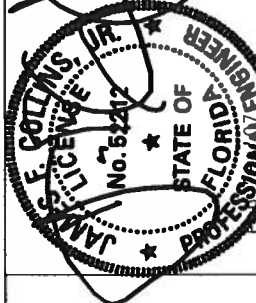
FL/-/5/-/-/R/-/-

Scale = .1875"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LAKE, 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 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&P) AND TPI. ITM BCG HAS PLANNED TO PLACE TRUSSES UNDER THE FOLLOWING CONDITIONS: 1. DESIGNATION PER UNIFORMS DESIGNATION: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 81



TC LL	20.0	PSF	REF	R215--	90580
TC DL	10.0	PSF	DATE	02/27/07	
BC DL	10.0	PSF	DRW	HCUSR215	07058093
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	149973	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1T58215	705

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

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, 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.

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

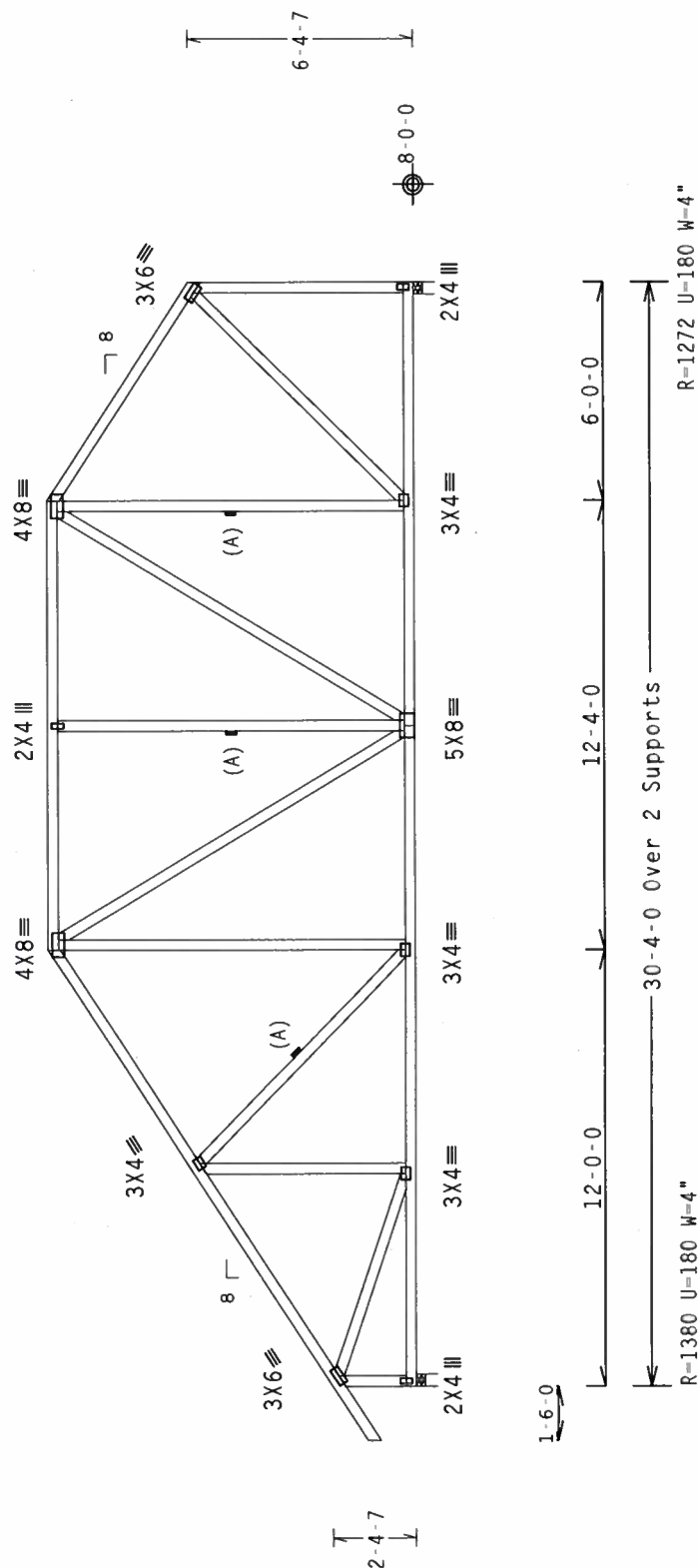
Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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 10-4-7.



Design Crit: TPI-2002(STD)/FBC

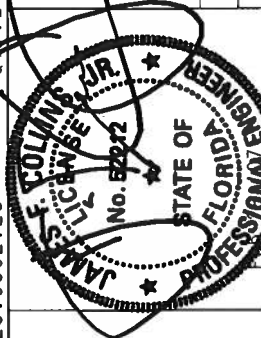
 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0502.23

Scale = .1875" / Ft.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, INSTALLATION AND BRACING. THESE TRUSSES ARE DESIGNED AND ENGINEERED BY THE NORTH LESTREE TRUSS COUNCIL OF AMERICA, 6230 NORTH LESTREE, SUITE 312, ALEXANDRIA, VA 22314, AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6303 ENTERPRISE LANE, MADISON, WI 53719) TO SPECIFIC PRACTICES FOR 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 IPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING THE TRUSSES. ITW BCG DESIGN COMPONENTS ARE MADE OF 2010/19 (F60) WITH A572M (F43) GRADE 40 (F60) (K/H/S) GALV. STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF IPT1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE ANTI/UP1 AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANTI/UP1 SEC. 2.



TC LL	20.0	PSF	REF R215 -- 90581
TC DL	10.0	PSF	DATE 02/27/07
BC DL	10.0	PSF	DRW HCUR215 07058098
BC LL	0.0	PSF	HC-ENG EC/AP *
TOT.LD.	40.0	PSF	SEQN- 149969
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1158215 705

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

Left 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.

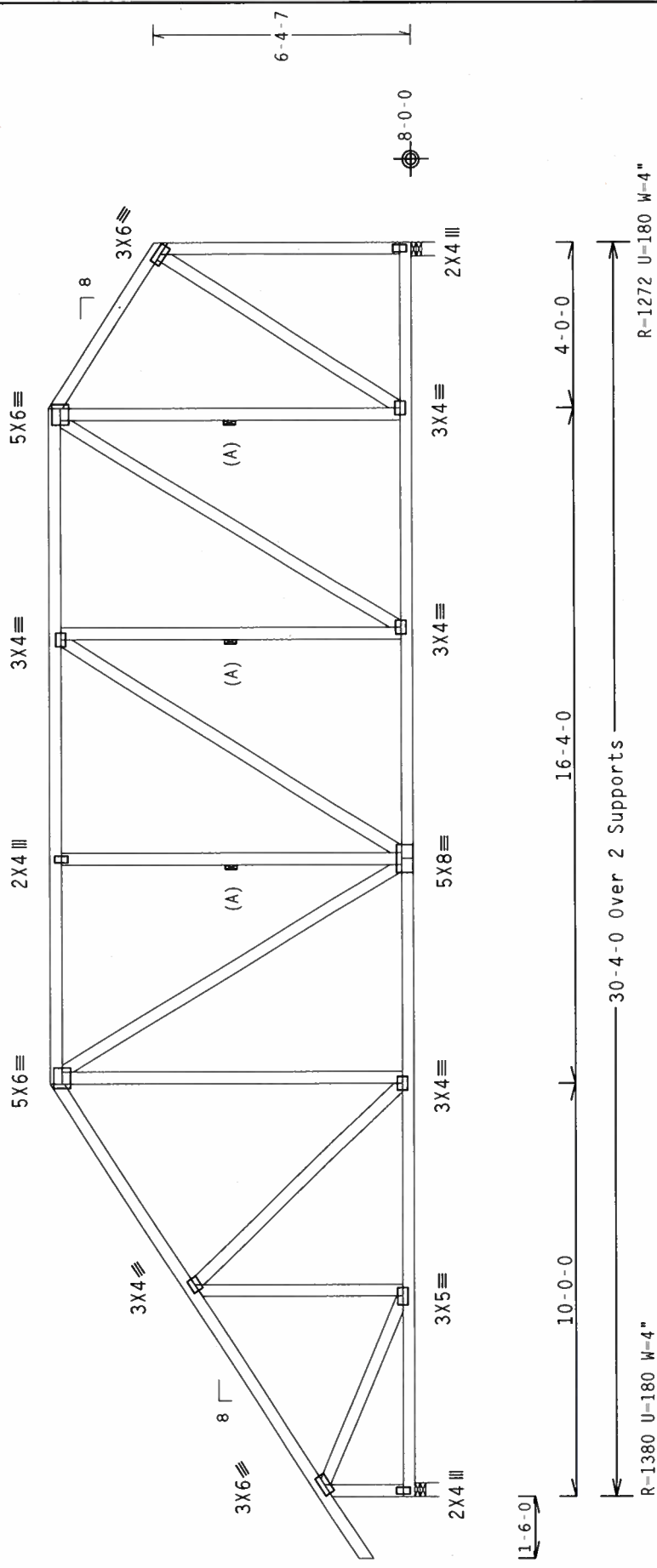
The overall height of this truss excluding overhang is 9-0-7.

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.

Right end vertical not exposed to wind pressure.

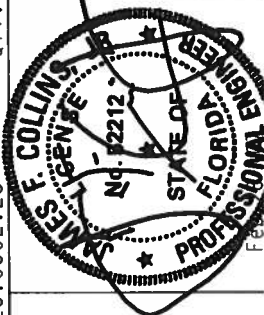
(A) Continuous lateral bracing equally spaced on member.

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



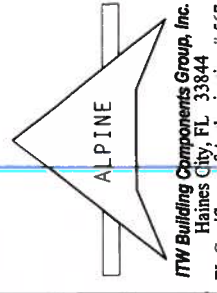
Design Crit: TPI-2002 (STD) /FBC

PLT TYP. Wave	QTY: 1	FL / - / 5 / - / R / -	Scale = .25" / Ft.
TC LL	20.0 PSF	REF R215 - 90582	
TC DL	10.0 PSF	DATE 02/27/07	
BC DL	10.0 PSF	DRW HCUSR215 07058099	
BC LL	0.0 PSF	HC-ENG EC/AP	*
TOT.LD.	40.0 PSF	SEQN- 149965	
DUR.FAC.	1.25	FROM CDM	
SPACING	24.0"	JREF- 1T58215 Z05	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATFORM INSTITUTE, 6300 HUNTER STREET, WILMINGTON, NC 28403) 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 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. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/SS/K) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. ITM BCG ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANWER AS OF TPI-2002 SEC. 3.1. THE TRUSS COMPONENTS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUELLER FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

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.

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

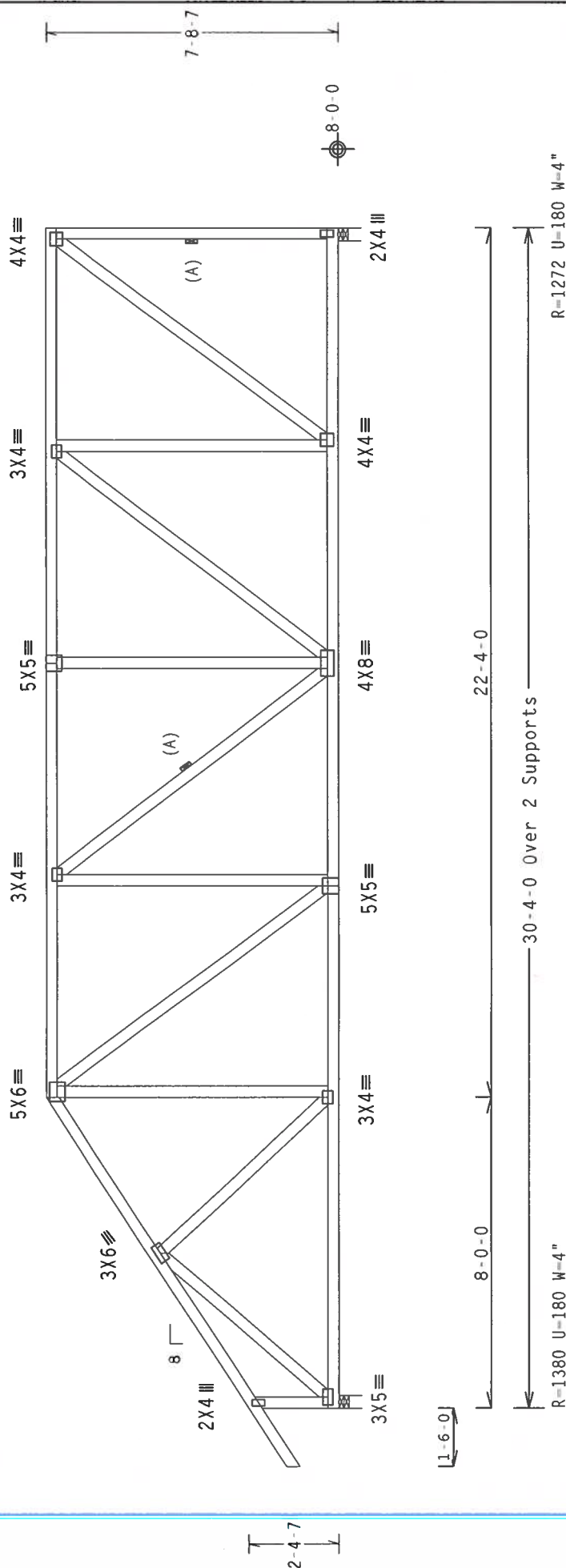
Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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 7-8-7.



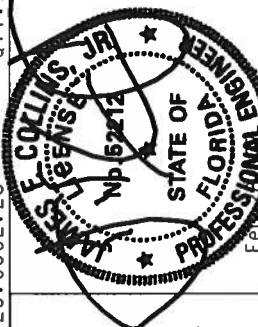
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$Cq/RT=1.00(1.25)/10(0)$ 7.25.0502.23

QTY: 1 FL / - / 5 / - / - / R / - / - / Scale = .25" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE BUILDING CODES, SAFETY INFORMATION, PUBLISHED BY THE CRUSS PLATE INSTITUTE, 2100 ENTERPRISE LANE, WOODSON AL 57179, 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.

[illegible]

TC LL	20.0	PSF	REF R215-- 90583
TC DL	10.0	PSF	DATE 02/27/07
BC DL	10.0	PSF	DRW HCUR215 07058100
BC LL	0.0	PSF	HC-ENG EC/AP *
TOT.LD.	40.0	PSF	SEQN- 149588
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		UREE- 1T5821- 705

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

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.

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

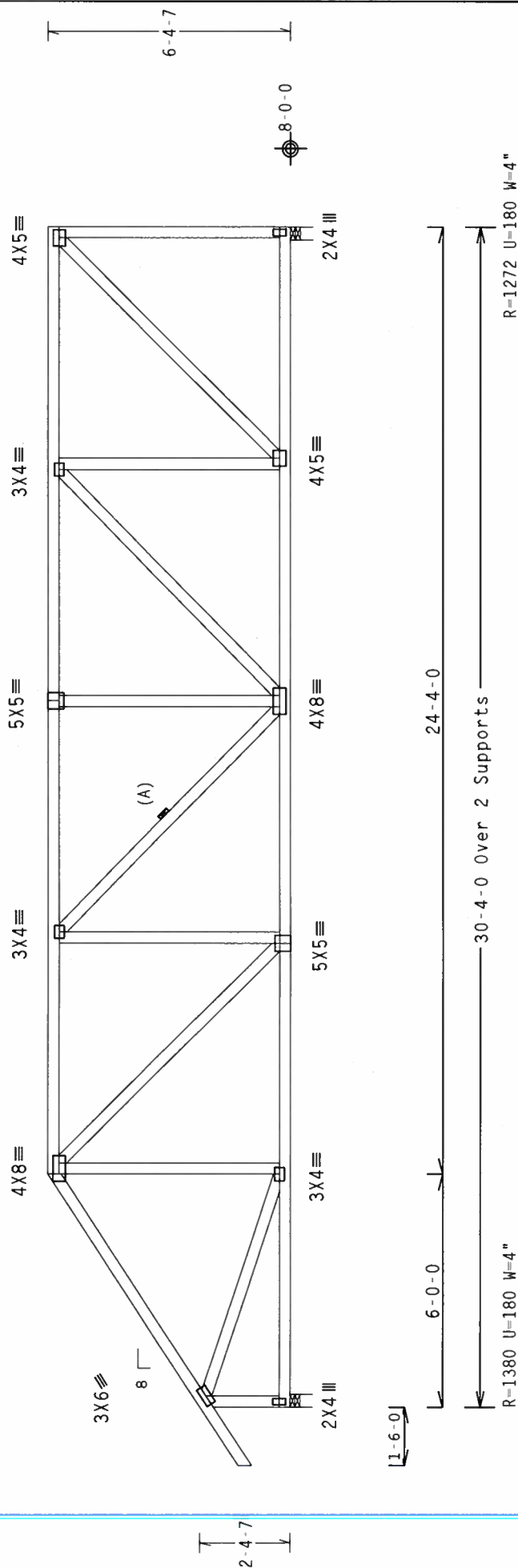
Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is 6-4-7.



Design Crit: TPI-2002(STD)/FBC

Scale = .25"/Ft.

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

5.0502.23

$$Cq/RT=1.00(1.25)/10(0) \quad 7.$$

05019

PLT TYP. Wave

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 NORTHERN LANE, MADISON, WI, 53719) FOR TRUSS 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 COMPLIANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPECIFICATIONS (NDS) AND THE IBC. ALL TRUSS CONNECTOR PLATES ARE MADE OF 20X18/16GA (H/25X1/8) ASTM A653 GRADE 40/60 (K/H/S5) GALV. STEEL. ALLOWED PLATES TO EACH FACE OF TRUSS AND MEMBER LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11-2002 SEC. 3.

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/TPI 1 SEC. 2.

REF R215-- 90584

DATE 02/27/07

07058101 HCUSP215

NYC ENC EC/D

IC-ENG EC/AP

EQN- 149584

FROM CDM

REF- 1T58215 Z05

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

	Top chord	2x6 SP #2	N	:T1	2x4 SP	#2 N:
Bot chord	2x6 chord	2x6 SP #2	N			
Webs	2x4 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.

#1 hip supports 4-0-0 jacks with no webs.

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" o.c.

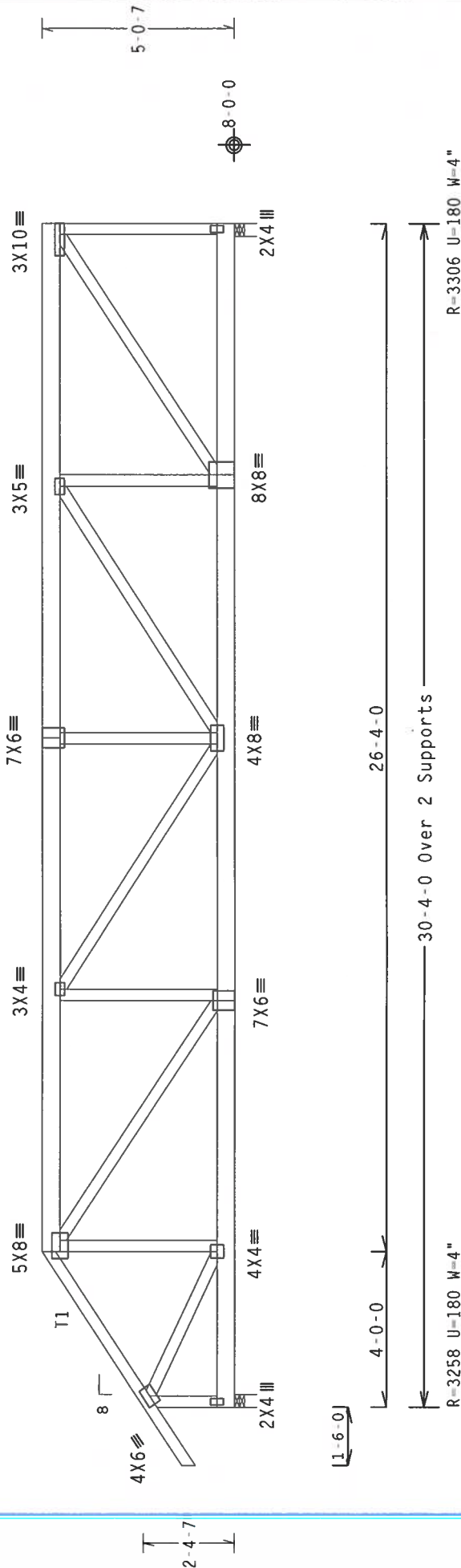
Webbs : 1 Row @ 4" O.C.

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

End verticals 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 5-0-7.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$Cq/RT=1.00(1.25)/10(0) \quad 7.25.0502.23$$

Scale = .25"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND NITA TRUSS COUNCIL OF AMERICA, 6300 W. EMERSON 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 AFAPA) AND TPI.
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H./SS/K) ASTM A653 GRADE 40/60 (W. K/H/SS) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 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 ANNEX B1 SEC. 2.

TC LL	20.0 PSF	REF	R215--	90585
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	07058102
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	149579	
DUR.FAC.	1.25	FROM	CDM	



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

Top chord 2x4 SP #2 N :T4 2x6 SP #2 N:
Bot chord 2x4 SP #2 N :B3, B4 2x6 SP #2 N:
Webs 2x4 SP #2 N

SPECIAL LOADS

- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 64 PLF at -1.50 to 64 PLF at 13.72
- TC - From 64 PLF at 13.72 to 64 PLF at 40.83
- BC - From 5 PLF at -1.50 to 5 PLF at 0.00
- BC - From 20 PLF at 0.00 to 20 PLF at 39.33
- BC - From 5 PLF at 39.33 to 5 PLF at 40.83
- TC - 162 LB Conc. Load at 32.23
- TC - 332 LB Conc. Load at 34.00
- BC - 1360 LB Conc. Load at 30.46
- BC - 62 LB Conc. Load at 32.23
- BC - 252 LB Conc. Load at 34.00

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

Bearing blocks: Nail type: 0.131"x3" Gun nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 39.000' 1 12" 5 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRG8LK1103 for additional information.

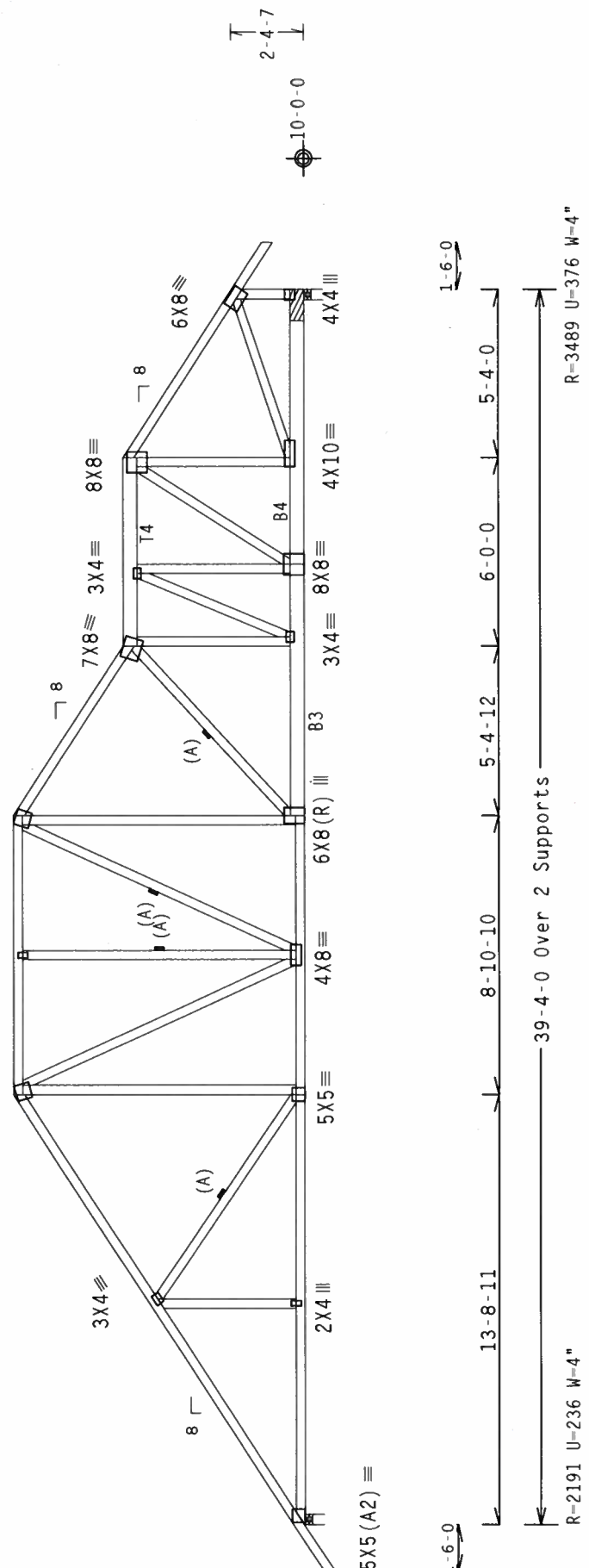
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

(A) Continuous lateral bracing equally spaced on member.

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

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



Design Crit: TPI-2002(STD)/FBC

Scale = .1875" / Ft.

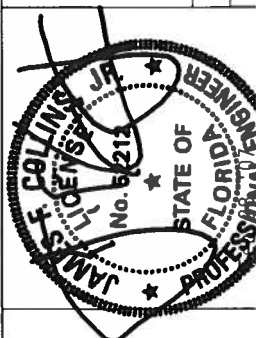
Qty: 1 FL / - / 5 / - / R / -

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 WILSON STREET, ST. LOUIS, MO 63103, 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N.H/SS/K) ASTM A653 GRADE 40/60 (N. K/M-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 DESIGN OF THE TRUSS. THIS DOCUMENT IS THE PROPERTY OF ITW BUILDING COMPONENTS GROUP, INC. OF THIS COMPANY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REF	R215--	90586
DATE	02/27/07	
DRW	HCUSR215	07058129
HC-ENG	EC/AP	
SEQN-	149662	
FROM	CDM	
JREF-	1T58215	Z05



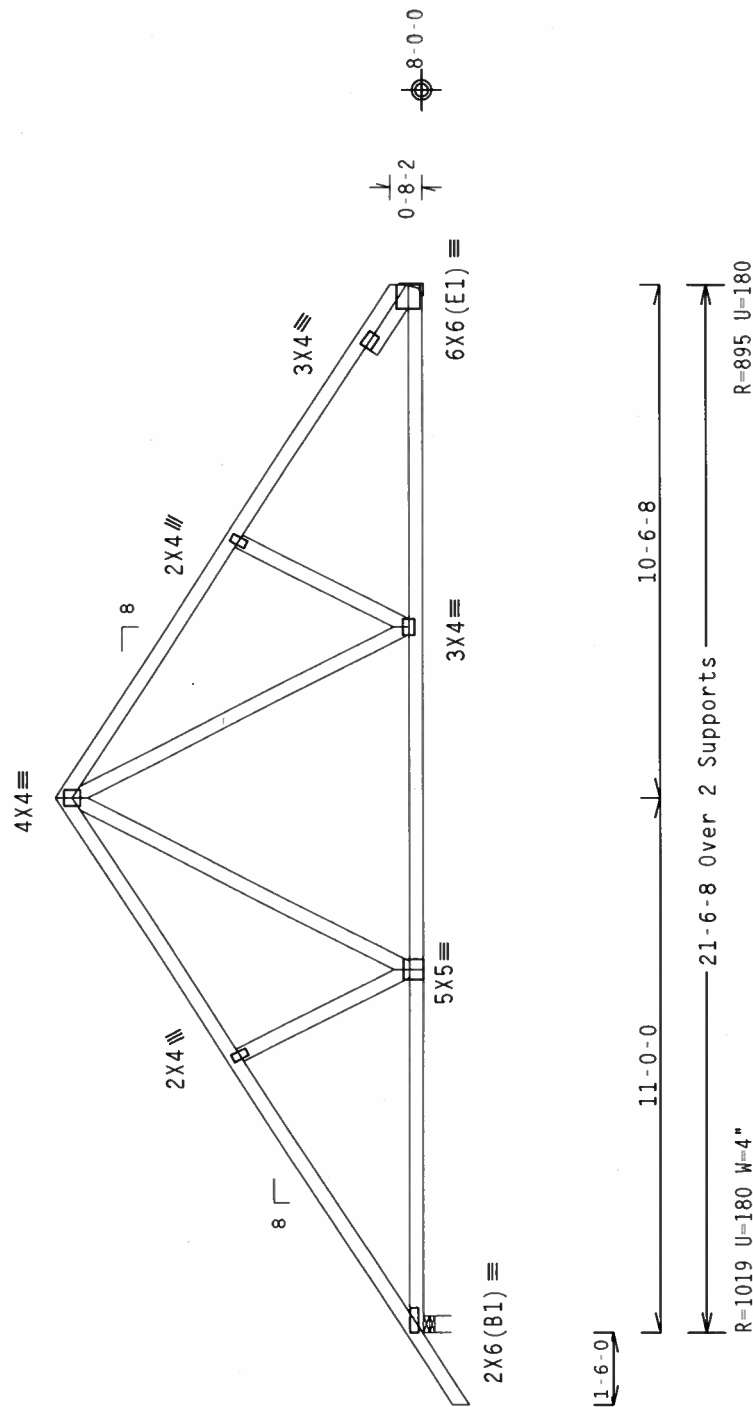
	Top	chord	2x4	SP	#2	N
	Bot	chord	2x4	SP	#2	N
		webs	2x4	SP	#2	N

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.563'

The overall height of this truss excluding overhang is 7-8-7.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$Cq/RT=1.00(1.25)/10(0) \quad 7.25.0502.23$$

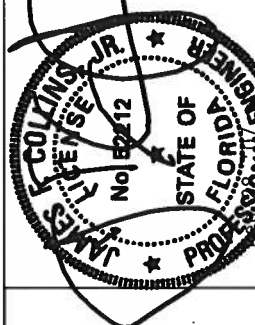
QTY:1 FL/-/5/-/-/R/-

Scale = .25"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PTI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NTA (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. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, IF FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN RESULTS IN DAMAGE TO OR COLLAPSE OF THE TRUSS.

DESIGN FABRICATING AND ERECTING SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF AISC (NATIONAL INSTITUTE OF STEEL CONSTRUCTOR) PLATES ARE MADE OF 20/18/16GA U.S./ASTM A575 GRADE 40/60 U.K./BS GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP11-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUBMITTAL 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	REF	R215 --	90587
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	07058103
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	149575	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24 0"	JREF-	1T58215	705



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

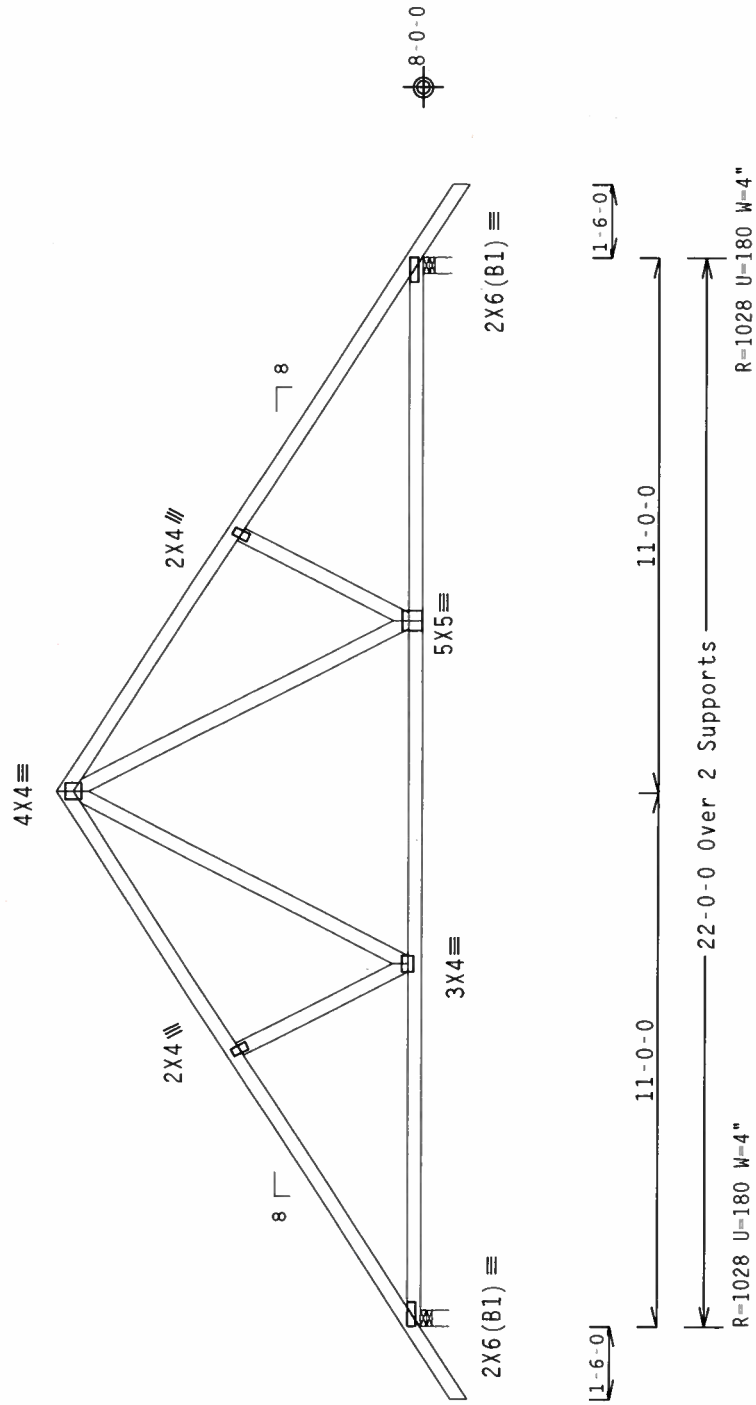
(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A31)

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 Ic DL-5.0 psf, wind BC DL-5.0 psf.

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

The overall height of this truss excluding overhang is 7-8-7.



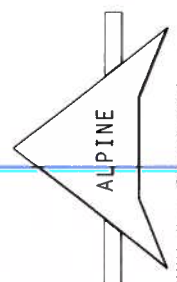
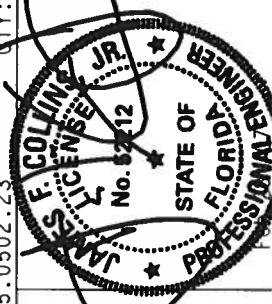
Design Crit: TPI-2002(STD)/FBC

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R215--	90588
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	07058104
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	149568	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JRFF-	1T58215	705

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 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 TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASD) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2019/16GA (N-H/SS/15) ASTM A653 GRADE 40/60 (N, K/M/SS) GALV. STEEL. APPLY THE FOLLOWING INSTRUCTIONS TO ALL TRUSSES: 1. ALL TRUSSES ARE TO BE INSTALLED PER THE DRAWINGS. 2. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PERFORMED BY TPI. 3. 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.

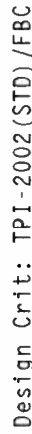


ITW Building Components Group, Inc.
Haines City, FL 33844
ET Certificate of Authorization # 547

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 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf

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

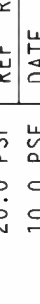
The overall height of this truss excluding overhang is 6-4-7.



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

$$Cq/RT=1.00(1.25)/10(0) \quad 7.25.0502.23$$

PLT TYP. Wave

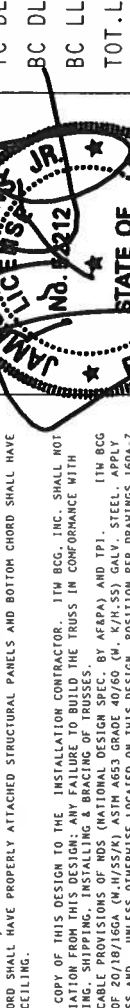


Alpine

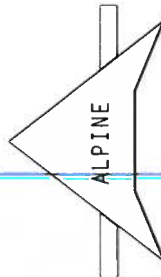
ITW Building Components Group, Inc.
Haines City, FL 33844

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NITCA (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 TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF PRODS (NATIONAL DESIGN SPEC. BY AIAA) AND TP1. ALL TRUSS PLATES TO BE USED MUST BE IDENTIFIED BY THE MANUFACTURER'S TRADE NAME, SPECIALLY, 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 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.



REF	R215 --	90589	TC LL	20.0	PSF
DATE	02/27/07		TC DL	10.0	PSF
DRW	HCUR215	07058105	BC DL	10.0	PSF
HC-ENG	EC/AP	*	BC LL	0.0	PSF
SEQN-	149564		TOT.LD.	40.0	PSF
FROM	CDM		DUR.FAC.	1.25	
JREF-	1T58215	705	SPACING	24.0"	



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

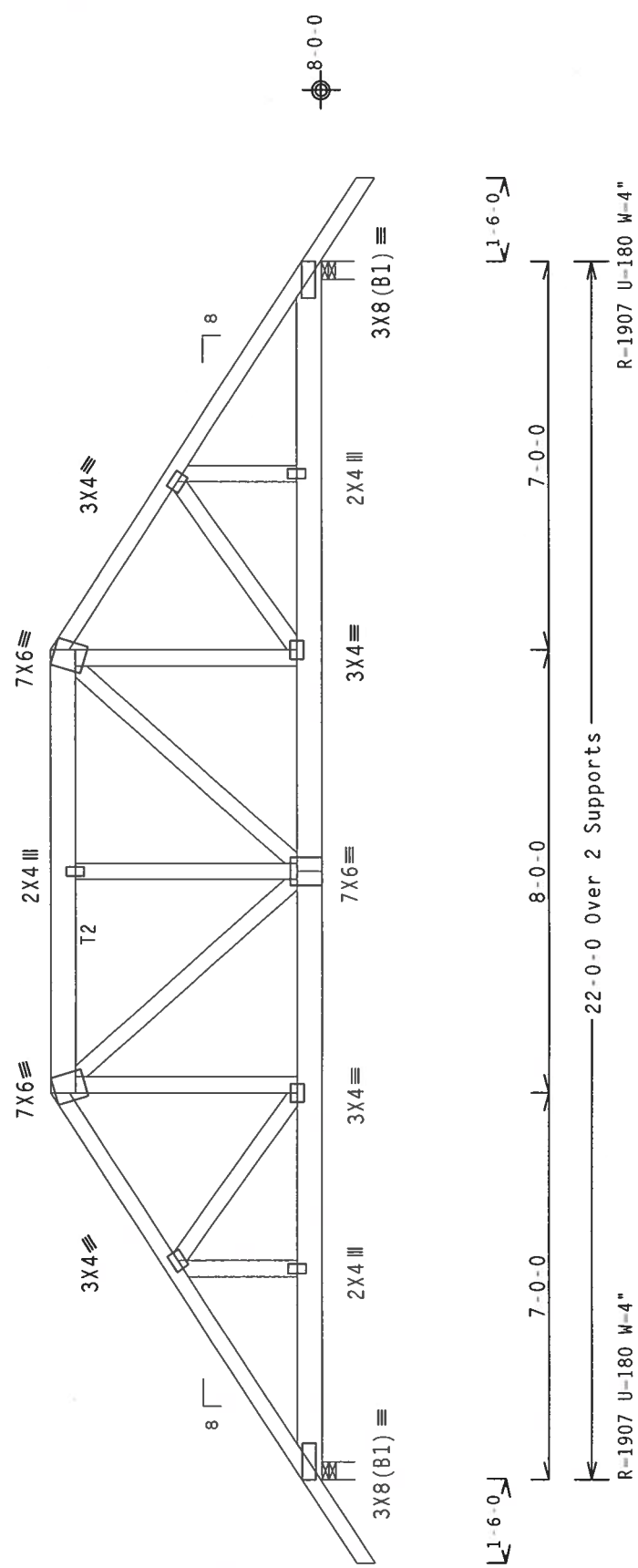
(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - A33)

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

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
#1 hip supports 7'-0" jacks with no webs.
The overall height of this truss excluding overhang is 5'-0"-7'.

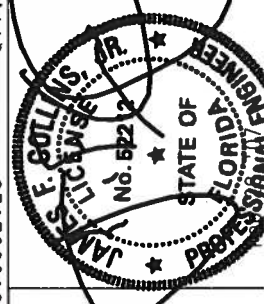


PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23
Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE TRUSS PLATE INSTITUTE, 110 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, 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. 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 IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/1060 (W-H/SS/TA) ASTM A553 GRADE 40/60 (W. K/M/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DIAGRAM. DO NOT DRILL HOLES IN TRUSSES OR PLATES. UNLESS OTHERWISE INDICATED ON THIS DESIGN, THE TRUSS COMPONENT DRAWING INDICATES THE 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	REF	R215--	90590
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	07058106
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	149560	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1T58215_Z05	



ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
Professional Engineer # 227

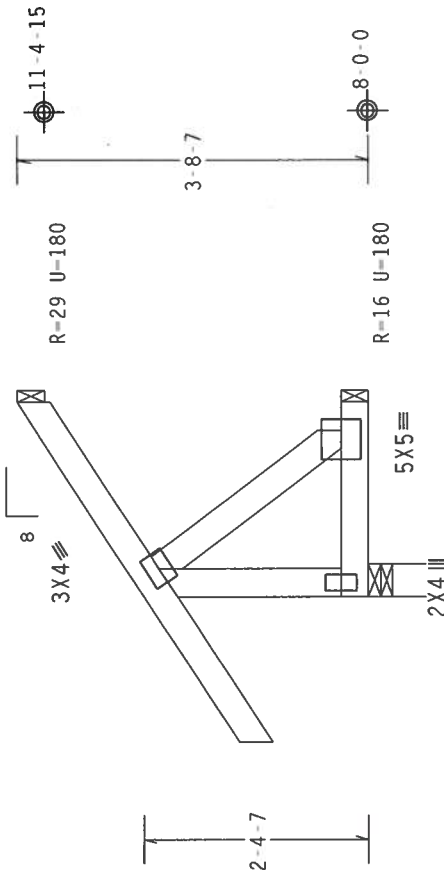
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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.

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

The overall height of this truss excluding overhang is 3-8-7.



2-0-0 Over 3 Supports
R-226 U-180 W-4"

Design Crit: TPI-2002(STD)/FBC

Cg/RT=1.00(1.25)/10(0) 7.25.0502.23

PLT TYP. Wave

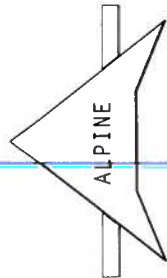
Scale = .5" / Ft.

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS CONTRACTOR'S FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002(STD) SPECIFICATIONS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS CONTRACTOR'S FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002(STD) SPECIFICATIONS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS CONTRACTOR'S FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002(STD) SPECIFICATIONS.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002(STD) SPECIFICATIONS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS CONTRACTOR'S FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002(STD) SPECIFICATIONS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS CONTRACTOR'S FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002(STD) SPECIFICATIONS.



QTY:1	FL/-/5/-/-/R/-	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215-- 90593
TC DL	10.0 PSF	DATE 02/27/07
BC DL	10.0 PSF	DRW HCUSR215 07058109
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 147075
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1T58215_Z05



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

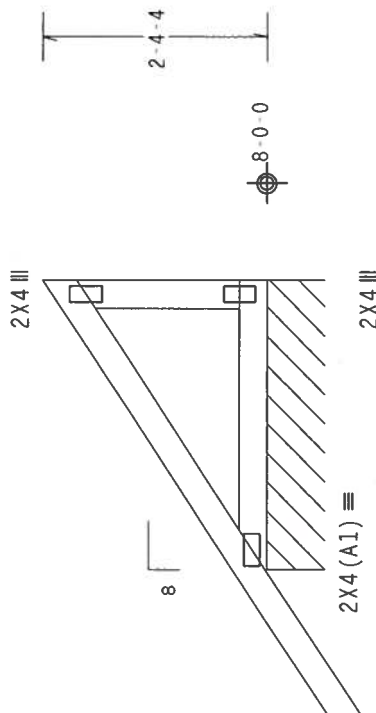
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
Web	2x4	SP	#2	N

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.

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

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 2'-4"-4".



1-6-0

2-11-11 Over Continuous Support

R-119 PLF U-61 PLF W-2-11-11

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

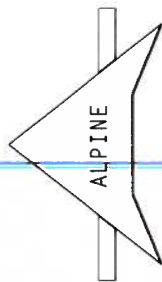
QTY:1 FL1-51-1-R/-

 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0502.23

Scale = .5" / Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, INSTALLING AND BRACING. PROPER CONNECTIONS TO THE COMPLETE TRUSS SYSTEM MUST BE MAINTAINED THROUGHOUT THE ENTIRE LIFE OF THE TRUSS. CONSULT WITH THE MANUFACTURER FOR THE MOST APPROPRIATE TRUSS DESIGN AND CONNECTIONS. THIS INFORMATION IS NOT A SUBSTITUTE FOR THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER. ALWAYS FOLLOW THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER. IF YOU ARE UNABLE TO OBTAIN THE INSTRUCTIONS FROM THE MANUFACTURER, CONTACT THE MANUFACTURER IMMEDIATELY. IF YOU ARE UNABLE TO OBTAIN THE INSTRUCTIONS FROM THE MANUFACTURER, CONTACT THE MANUFACTURER IMMEDIATELY. IF YOU ARE UNABLE TO OBTAIN THE INSTRUCTIONS FROM THE MANUFACTURER, CONTACT THE MANUFACTURER IMMEDIATELY.

****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 ITW BCG TRUSS (T) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG TRUSS (T) CONSTRUCTION DESIGN SPEC. (NOTES) DESIGN SPEC. OF MEMBERS AND TRUSS CONNECTION PLATES ARE MADE OF 2601/16GA. 40K/55K/60K/65K/70K/75K/80K/85K/90K/95K/100K/105K/110K/115K/120K/125K/130K/135K/140K/145K/150K/155K/160K/165K/170K/175K/180K/185K/190K/195K/200K/205K/210K/215K/220K/225K/230K/235K/240K/245K/250K/255K/260K/265K/270K/275K/280K/285K/290K/295K/300K/305K/310K/315K/320K/325K/330K/335K/340K/345K/350K/355K/360K/365K/370K/375K/380K/385K/390K/395K/400K/405K/410K/415K/420K/425K/430K/435K/440K/445K/450K/455K/460K/465K/470K/475K/480K/485K/490K/495K/500K/505K/510K/515K/520K/525K/530K/535K/540K/545K/550K/555K/560K/565K/570K/575K/580K/585K/590K/595K/600K/605K/610K/615K/620K/625K/630K/635K/640K/645K/650K/655K/660K/665K/670K/675K/680K/685K/690K/695K/700K/705K/710K/715K/720K/725K/730K/735K/740K/745K/750K/755K/760K/765K/770K/775K/780K/785K/790K/795K/800K/805K/810K/815K/820K/825K/830K/835K/840K/845K/850K/855K/860K/865K/870K/875K/880K/885K/890K/895K/900K/905K/910K/915K/920K/925K/930K/935K/940K/945K/950K/955K/960K/965K/970K/975K/980K/985K/990K/995K/1000K/1005K/1010K/1015K/1020K/1025K/1030K/1035K/1040K/1045K/1050K/1055K/1060K/1065K/1070K/1075K/1080K/1085K/1090K/1095K/1100K/1105K/1110K/1115K/1120K/1125K/1130K/1135K/1140K/1145K/1150K/1155K/1160K/1165K/1170K/1175K/1180K/1185K/1190K/1195K/1200K/1205K/1210K/1215K/1220K/1225K/1230K/1235K/1240K/1245K/1250K/1255K/1260K/1265K/1270K/1275K/1280K/1285K/1290K/1295K/1300K/1305K/1310K/1315K/1320K/1325K/1330K/1335K/1340K/1345K/1350K/1355K/1360K/1365K/1370K/1375K/1380K/1385K/1390K/1395K/1400K/1405K/1410K/1415K/1420K/1425K/1430K/1435K/1440K/1445K/1450K/1455K/1460K/1465K/1470K/1475K/1480K/1485K/1490K/1495K/1500K/1505K/1510K/1515K/1520K/1525K/1530K/1535K/1540K/1545K/1550K/1555K/1560K/1565K/1570K/1575K/1580K/1585K/1590K/1595K/1600K/1605K/1610K/1615K/1620K/1625K/1630K/1635K/1640K/1645K/1650K/1655K/1660K/1665K/1670K/1675K/1680K/1685K/1690K/1695K/1700K/1705K/1710K/1715K/1720K/1725K/1730K/1735K/1740K/1745K/1750K/1755K/1760K/1765K/1770K/1775K/1780K/1785K/1790K/1795K/1800K/1805K/1810K/1815K/1820K/1825K/1830K/1835K/1840K/1845K/1850K/1855K/1860K/1865K/1870K/1875K/1880K/1885K/1890K/1895K/1900K/1905K/1910K/1915K/1920K/1925K/1930K/1935K/1940K/1945K/1950K/1955K/1960K/1965K/1970K/1975K/1980K/1985K/1990K/1995K/2000K/2005K/2010K/2015K/2020K/2025K/2030K/2035K/2040K/2045K/2050K/2055K/2060K/2065K/2070K/2075K/2080K/2085K/2090K/2095K/2100K/2105K/2110K/2115K/2120K/2125K/2130K/2135K/2140K/2145K/2150K/2155K/2160K/2165K/2170K/2175K/2180K/2185K/2190K/2195K/2200K/2205K/2210K/2215K/2220K/2225K/2230K/2235K/2240K/2245K/2250K/2255K/2260K/2265K/2270K/2275K/2280K/2285K/2290K/2295K/2300K/2305K/2310K/2315K/2320K/2325K/2330K/2335K/2340K/2345K/2350K/2355K/2360K/2365K/2370K/2375K/2380K/2385K/2390K/2395K/2400K/2405K/2410K/2415K/2420K/2425K/2430K/2435K/2440K/2445K/2450K/2455K/2460K/2465K/2470K/2475K/2480K/2485K/2490K/2495K/2500K/2505K/2510K/2515K/2520K/2525K/2530K/2535K/2540K/2545K/2550K/2555K/2560K/2565K/2570K/2575K/2580K/2585K/2590K/2595K/2600K/2605K/2610K/2615K/2620K/2625K/2630K/2635K/2640K/2645K/2650K/2655K/2660K/2665K/2670K/2675K/2680K/2685K/2690K/2695K/2700K/2705K/2710K/2715K/2720K/2725K/2730K/2735K/2740K/2745K/2750K/2755K/2760K/2765K/2770K/2775K/2780K/2785K/2790K/2795K/2800K/2805K/2810K/2815K/2820K/2825K/2830K/2835K/2840K/2845K/2850K/2855K/2860K/2865K/2870K/2875K/2880K/2885K/2890K/2895K/2900K/2905K/2910K/2915K/2920K/2925K/2930K/2935K/2940K/2945K/2950K/2955K/2960K/2965K/2970K/2975K/2980K/2985K/2990K/2995K/3000K/3005K/3010K/3015K/3020K/3025K/3030K/3035K/3040K/3045K/3050K/3055K/3060K/3065K/3070K/3075K/3080K/3085K/3090K/3095K/3100K/3105K/3110K/3115K/3120K/3125K/3130K/3135K/3140K/3145K/3150K/3155K/3160K/3165K/3170K/3175K/3180K/3185K/3190K/3195K/3200K/3205K/3210K/3215K/3220K/3225K/3230K/3235K/3240K/3245K/3250K/3255K/3260K/3265K/3270K/3275K/3280K/3285K/3290K/3295K/3300K/3305K/3310K/3315K/3320K/3325K/3330K/3335K/3340K/3345K/3350K/3355K/3360K/3365K/3370K/3375K/3380K/3385K/3390K/3395K/3400K/3405K/3410K/3415K/3420K/3425K/3430K/3435K/3440K/3445K/3450K/3455K/3460K/3465K/3470K/3475K/3480K/3485K/3490K/3495K/3500K/3505K/3510K/3515K/35



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

REF	R215--	90595
DATE	02/27/07	
DRW	HCUSR215	07058111
HC-ENG	EC/AP	*
SEQN-	147079	
FROM	CDM	
DUR.FAC.	1.25	
SDACTMC	24.0"	
DEE-	1TE9215	705

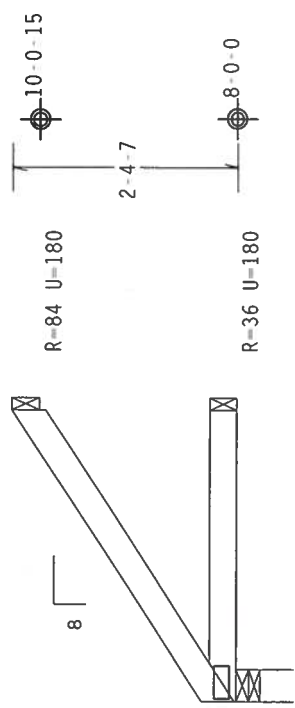
(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - JC38)

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

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.

The overall height of this truss excluding overhang is 2-4-7.



2X4 (A1) ≡

3-0-0 Over 3 Supports
R-133 U-180 W-4"

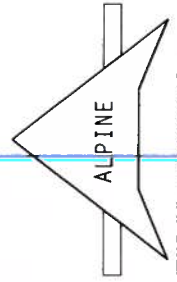
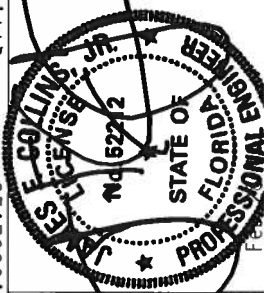
Design Crit: TPI-2002(STD)/FBC

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

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, MI 48071) 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE 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. ITM BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N/A/SS/K) ASH A650 GRADE 40/60 (N/A/SS) GALV. STEEL. APPLY ANY INSPECTION OF THIS TRUSS AND BY OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWING 160A.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS. THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 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--	90596
DATE	02/27/07	
DRW	HCUSR215	07058112
HC-ENG	EC/AP	
SEQN-	147112	
FROM	CDM	
JRFF-	1T58215	705



ITW Building Components Group, Inc.
Haines City, FL 33844
ET Certificate of Authorization # 547

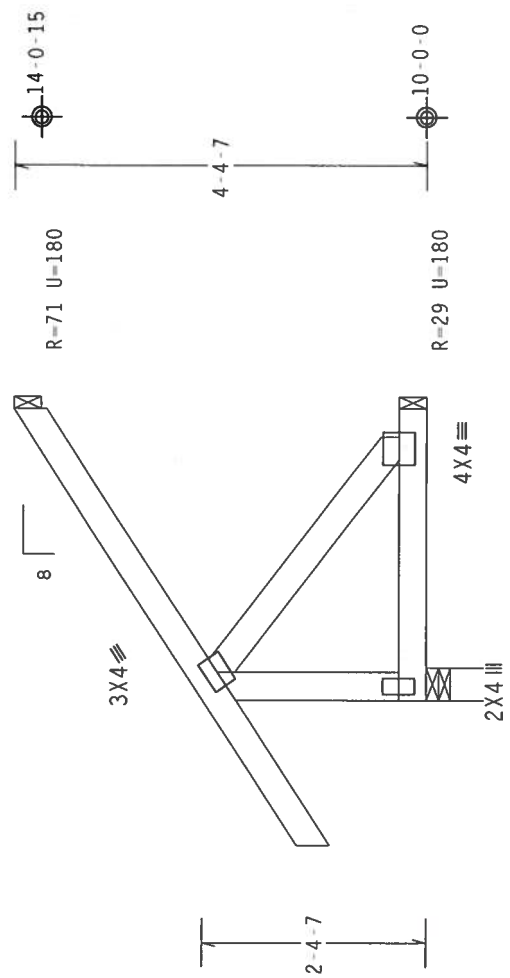
(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - JC3C)

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.

Left 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.
The overall height of this truss excluding overhang is 4-4-7.

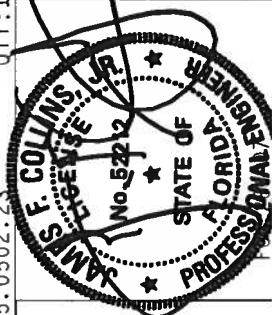


3-0-0 Over 3 Supports
R-255 U-180 W-4"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/(10.0)

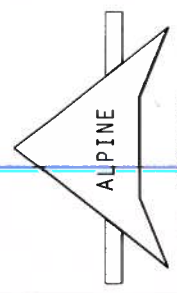
QTY: 1 FL/-/5/-/R/- Scale = 5" / Ft.

REF	R215--	90597
DATE	02/27/07	
DRW	HCUSR215	07058113
HC-ENG	EC/AP	*
SEQN	149649	
FROM	CDM	
JREF	1T58215	Z05



****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 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 TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/106A (4-H/55/75) ASTM A563 GRADE 40/60 (4, 8/11.55) GALV. STEEL. APPLY ANY TENSION OR COMPRESSION LOADS TO THE TRUSS JOINTS. UNLESS OTHERWISE INDICATED, THE TRUSS JOINTS SHALL BE WELDED. ANY INSPECTION OF THE TRUSS SHALL BE DONE BY A PROFESSIONAL ENGINEER. THE TRUSS COMPONENT 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.



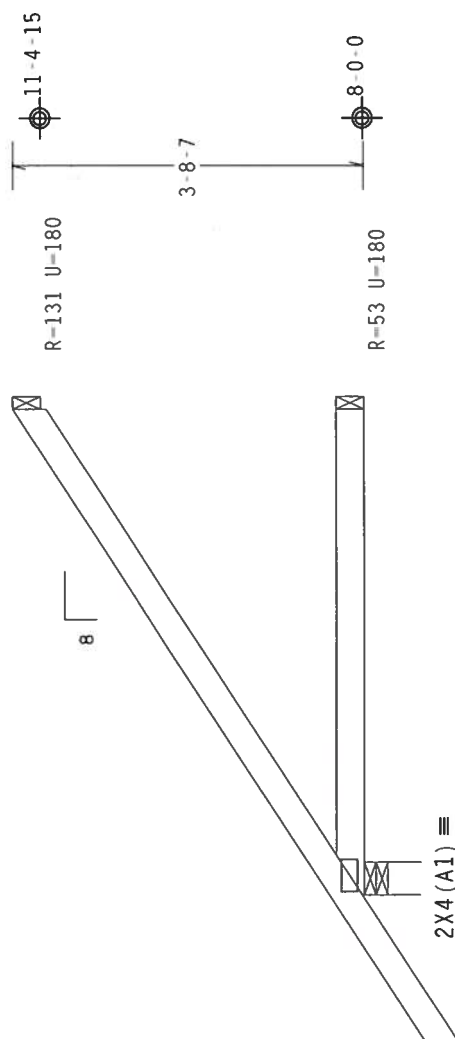
ITW Building Components Group, Inc.
Haines City, FL 33844
ET Certificate of Authorization # 467

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

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.

The overall height of this truss excluding overhang is 3-8-7.


$$\begin{array}{c} \rightarrow 1 - 6 - 0 \rightarrow \end{array}$$

← 5'-0" Over 3 Supports →
R-339 U-180 W-4"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$Cq/RT=1.00(1.25)/10(0) \quad 7.25.0502.23$$

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

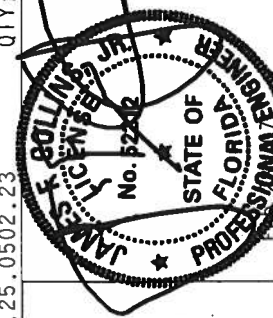
Scale = .5"/Ft.

1. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 6300 ENTERPRISE LANE, WADSWORTH, MI 48093-9157, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. 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 FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF HUSSESS.

DESIGN CONFORMS WITH ALL PROVISIONS OF AISC NATIONAL DESIGN SPEC. BY AREA) AND TP1. (ITW BCG CONNECTOR PLATES ARE TYPE 207/18GCS). OVERLAP REQUIRED FOR THIS DESIGN. STEEL APPLY TO ALL JOINTS OF TRUSSES. QUANTITIES LOCATED ON THIS DRAWING POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPII-2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUTABILITY 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	REF R215-- 90598
TC DL	10.0 PSF	DATE 02/27/07
BC DL	10.0 PSF	DRW HCUR215 07058114
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 147103
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T58215 705

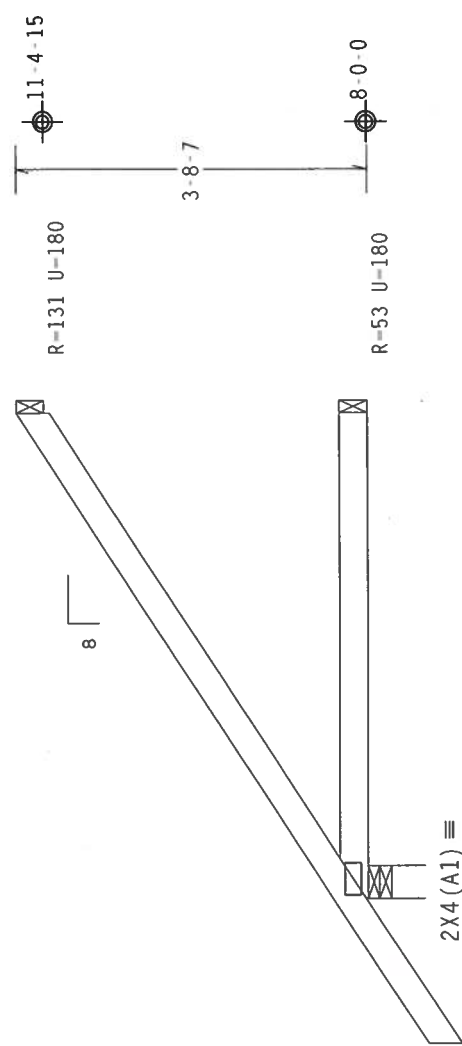
(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - JC5A)

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.

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

The overall height of this truss excluding overhang is 3-8-7.

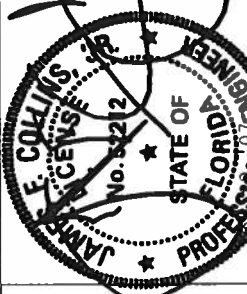
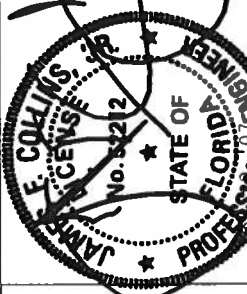


1-6-0
5-0-0 Over 3 Supports
R-339 U-180 W-4"

Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

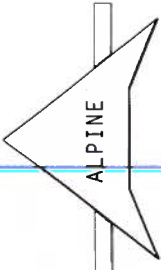
PLT TYP. Wave

Scale =.5"/Ft.

	QTY: 1		FL / - / 5 / - / - / R / -	REF R215-- 90599	
	TC LL		20.0 PSF	DATE 02/27/07	
	TC DL		10.0 PSF	DRW HCUSR215 07058115	
	BC DL		10.0 PSF	HC-ENG EC/AP *	
	DE LL		0.0 PSF	SEQN- 147082	
	TOT.LD.		40.0 PSF	FROM CDM	
		DUR.FAC.		1.25	JREF - 1T58215_Z05
		SPACING		24.0"	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INSTITUTE) 219 ENTERPRISE LANE, MADISON, WI 53719) 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 TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N.H/55/K) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC.3.1. ITW BCG SHALL BE RESPONSIBLE FOR THE 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.


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

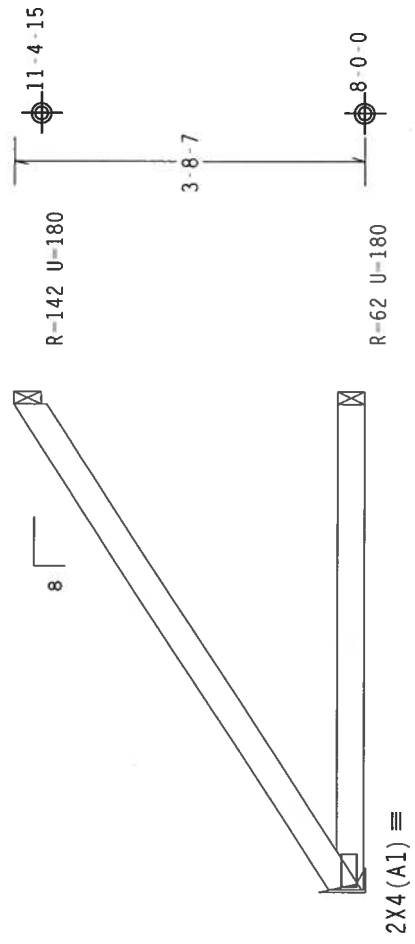
(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - JC5B)

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

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.

The overall height of this truss excluding overhang is 3-8-7.



5-0-0 Over 3 Supports
R-215 U-180

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

Scale = .5" / Ft.

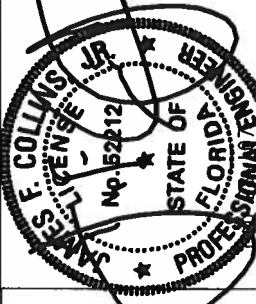
QTY: 1

7.25.0502.23

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

PLT TYP. Wave

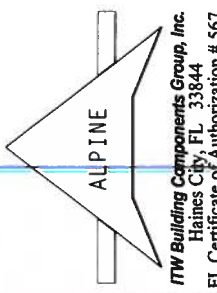
TC LL	20.0 PSF	REF	R215 - -	90600
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	07058116
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN	147107	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JRFF	1T58215	705



****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, 518 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314), AND MTCA (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 2018/160A (M-H/SS/4) ASTM A553 GRADE 40/60 (W. K/H.SS) GALV. STEEL. APPLICABLE TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2 AND 160A.3. ALL TRUSSES SHALL BE SEAL COATED PER TPI SPECIFICATION. THE SEALING SHALL BE DONE BY THE TRUSS MANUFACTURER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - JC5C)

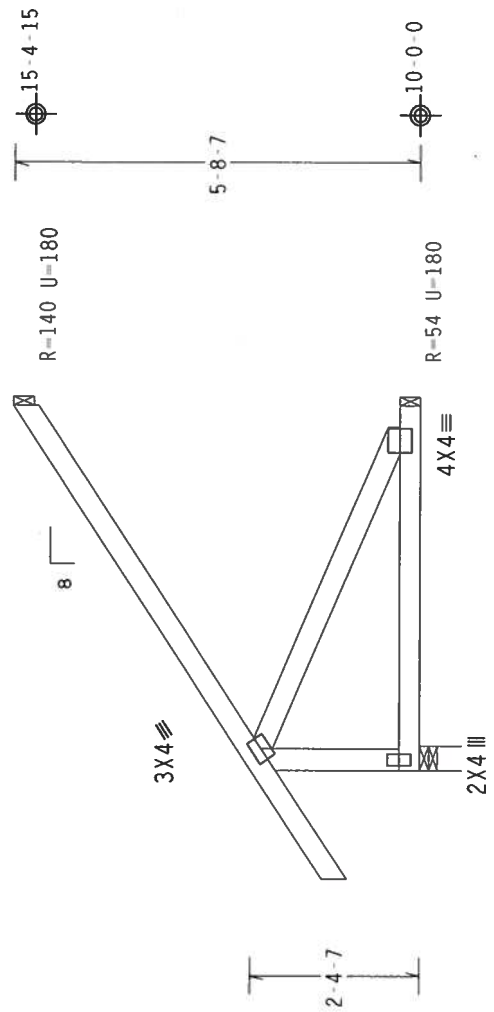
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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.

Left 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.

The overall height of this truss excluding overhang is 5-8-7.



1-6-0

5-0-0 Over 3 Supports
R-329 U-180 W-4"

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

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

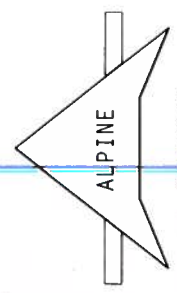
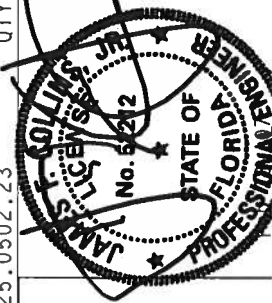
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING CODES & SAFETY INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WCAWOOD 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. ITH 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. ITH BCG CONNECTOR PLATES ARE MADE OF 2018/186A (4-H/55/1/5) ASTM A653 GRADE 40/60 (4. K/M.SS) GALV. STEEL. APPLY ANY TYPICAL CONNECTIONS AND BRACING AS SHOWN. SEE TPI-2002(STD) FOR THE TRUSS COMPONENTS DRAWING. INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY 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.

TC LL	20.0 PSF	REF	R215-- 90601
TC DL	10.0 PSF	DATE	02/27/07
BC DL	10.0 PSF	DRW	HCUSR215 07058117
BC LL	0.0 PSF	HC-ENG	EC/AP *
TOT.LD.	40.0 PSF	SEQN-	149645
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JRFF-	1T58215 705



ITW Building Components Group, Inc.
Haines City, FL 33844
ET Certificate of Authorization # 547

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 64 PLF at 0.00 to 64 PLF at 5.33
BC - From 20 PLF at 0.00 to 20 PLF at 5.33
PLB- 1265 LB Conc. Load at (1.40,10.04)
PLB- 1265 LB Conc. Load at (3.40,10.04)

End verticals not exposed to wind pressure.

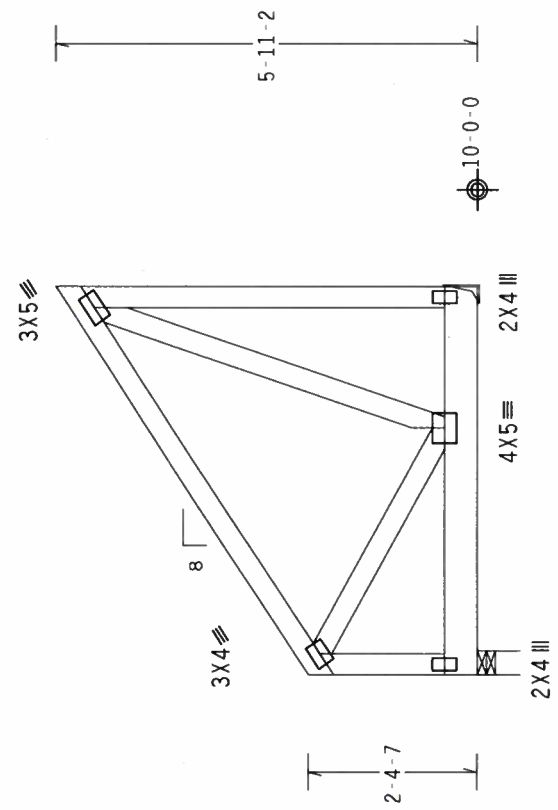
Deflection meets L/240 live and L/180 total load.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @3.25" O.C.
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.

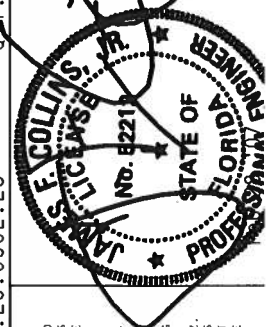
The overall height of this truss excluding overhang is 5-11-2.



5-4-0 Over 2 Supports
R=1618 U-180 W-4" R=1361 U-180

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/R/-	Scale =.375"/Ft.
	TC LL	20.0 PSF	REF R215-- 90602
	BC DL	10.0 PSF	DATE 02/27/07
	BC DL	10.0 PSF	DRW HCUSR215 07058128
	TC LL	0.0 PSF	HC-ENG EC/AP
	TOT.LD.	40.0 PSF	SEQN- 149630
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF - 1T58215 Z05



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/106GA (N.Y/55/K) ASTM A653 GRADE 40/60 (N. K/M-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TOP CHORDS AND WEBS. UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. 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.

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Haines City, FL 33844
ET Certificate of Authorization # 557

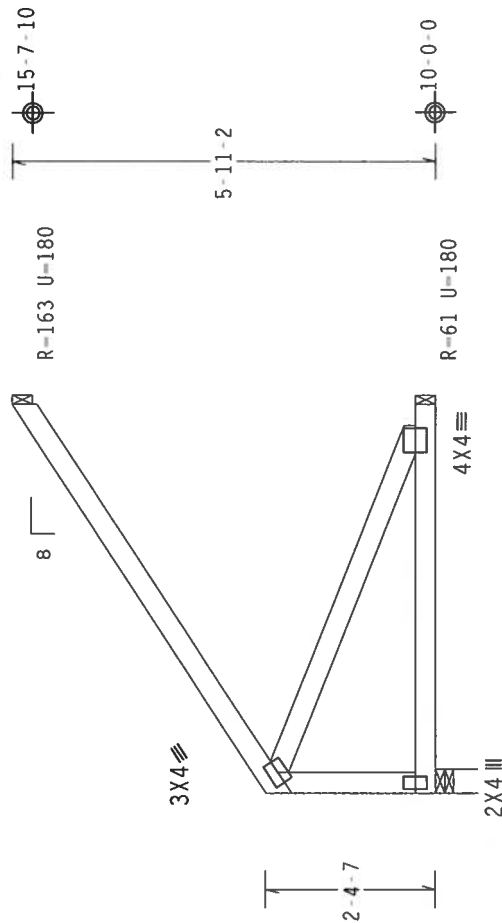
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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.

Left 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 5-11-2.



← 5-4-0 Over 3 Supports →
R-224 U-180 W-4"

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

PLT TYP. Wave

0502.23

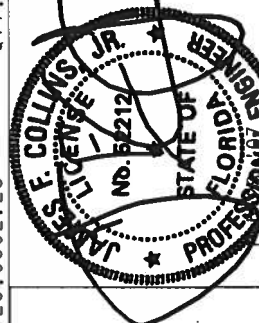
QTY:1

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

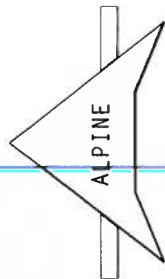
Scale = .375"/Ft.

SHARPENING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE FOLLOWING INFORMATION IS FOR THE INFORMATION OF THE ARCHITECT, ENGINEER, INSURANCE AGENT, AND THE GENERAL PUBLIC. NORTH LEE STREET, SUITE 3150, WILMINGTON, WY 82214, AND VICTOR 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 TP11-OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS (WORKING SPEC. BY AFEP) AND TP1. THE BCG CONNECTOR PLATES ARE MADE OF 1010ALUMINUM (MIL-SPEC 9050) UNLESS OTHERWISE SPECIFIED. THE BCG CONNECTOR PLATES ARE MADE OF 1010ALUMINUM (MIL-SPEC 9050) UNLESS OTHERWISE SPECIFIED. THE BCG CONNECTOR 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 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.



TC LL	20.0 PSF	REF R215-- 90603
~~TC~~ DL	10.0 PSF	DATE 02/27/07
BC DL	10.0 PSF	DRW HCUR215 07058118
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 149652
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	REF- 1T58215 705



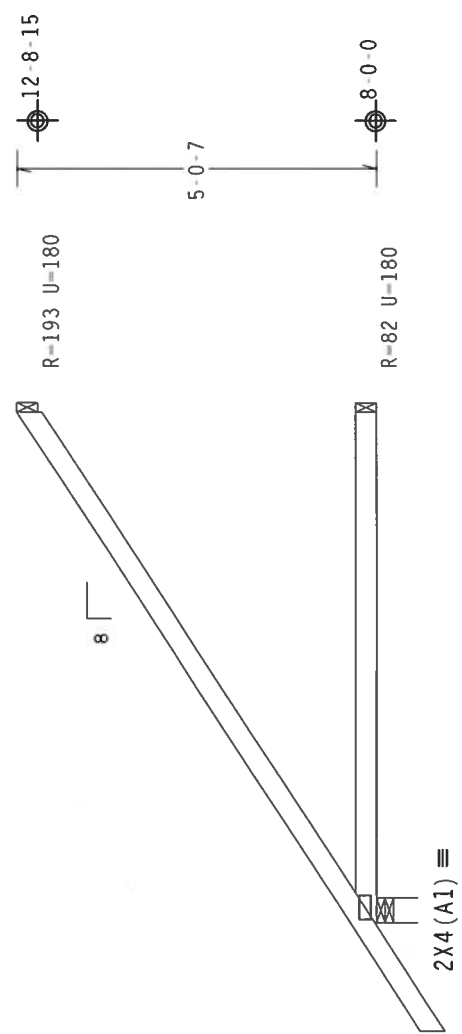
ITW Building Components Group, Inc.
Haines City, FL 33844

(4335-/LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - JE7)

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

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.
The overall height of this truss excluding overhang is 5-0-7.



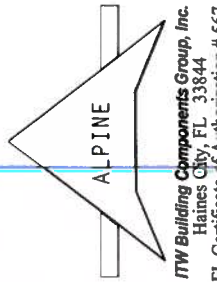
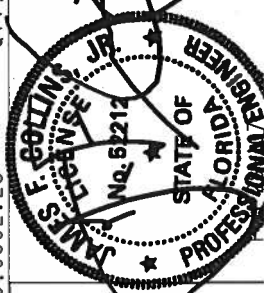
7-0-0 Over 3 Supports
R=417 U=180 W=4"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

PLT TYP.	Wave	QTY:1	FL/-/5/-/-/R/-	Scale = .375"/Ft.
REF	R215 -	90604	TC LL	20.0 PSF
DATE	02/27/07		TC DL	10.0 PSF
DRW	HCUSR215 07058119		BC DL	10.0 PSF
HC-ENG	EC/AP		TC LL	0.0 PSF
SEQN	147085		TOT.LD.	40.0 PSF
FROM	CDM		DUR.FAC.	1.25
JRFF	1T58215 Z05		SPACING	24.0"

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS DESIGNER IS NOT RESPONSIBLE FOR THE TRUSS BEING USED IN A MANNER NOT INTENDED BY THE DESIGNER. THE TRUSS DESIGNER IS NOT RESPONSIBLE FOR THE TRUSS BEING USED IN A MANNER NOT INTENDED BY THE DESIGNER. THE TRUSS DESIGNER IS NOT RESPONSIBLE FOR THE TRUSS BEING USED IN A MANNER NOT INTENDED BY THE DESIGNER.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM 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. ITM BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AEP&A) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/SS/K) ASTM A653 GRADE 40/60 (M. 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 ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. ITM BCG, INC. IS NOT RESPONSIBLE FOR THE TRUSS BEING USED IN A MANNER NOT INTENDED BY THE DESIGNER. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

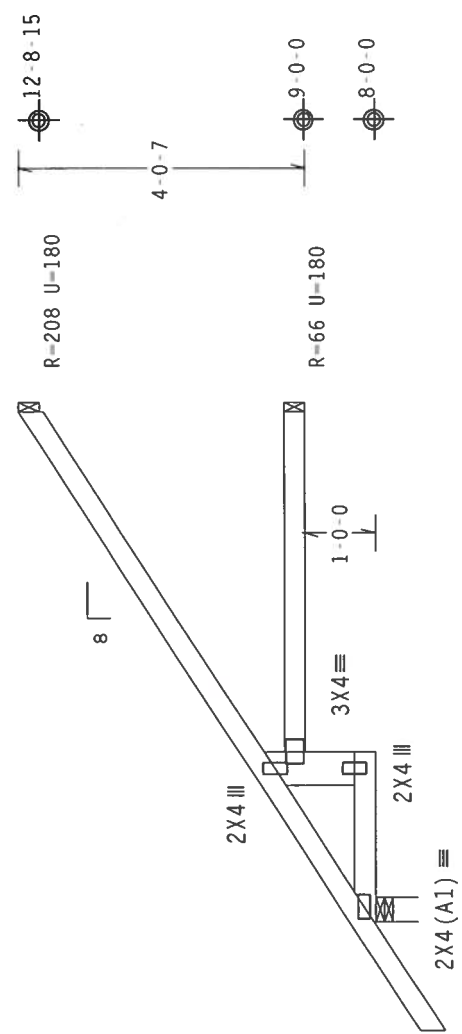


Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x6 SP #2 N

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.

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

The overall height of this truss excluding overhang is 5'-0"-7".



L=1'-6"-0"

2'-4"-0" 4'-8"-0"
7'-0"-0" Over 3 Supports
R-417 U-180 W-4"

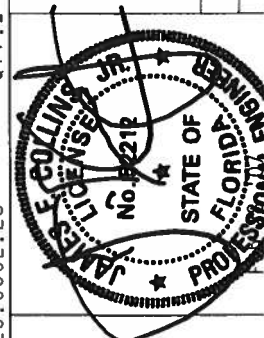
Design Crit: TPI-2002 (STD) / FBC

PLT TYP. Wave QTY: 1 FL / - / 5 / - / - / R / - Scale = .375" / Ft.

****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 E. STREET, SUITE 310, ALBUQUERQUE, NM 87102), 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. ITW BCG 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 (N.H/SS/K) ASTM A653 GRADE 40/60 (N. 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 ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR 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.

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"



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

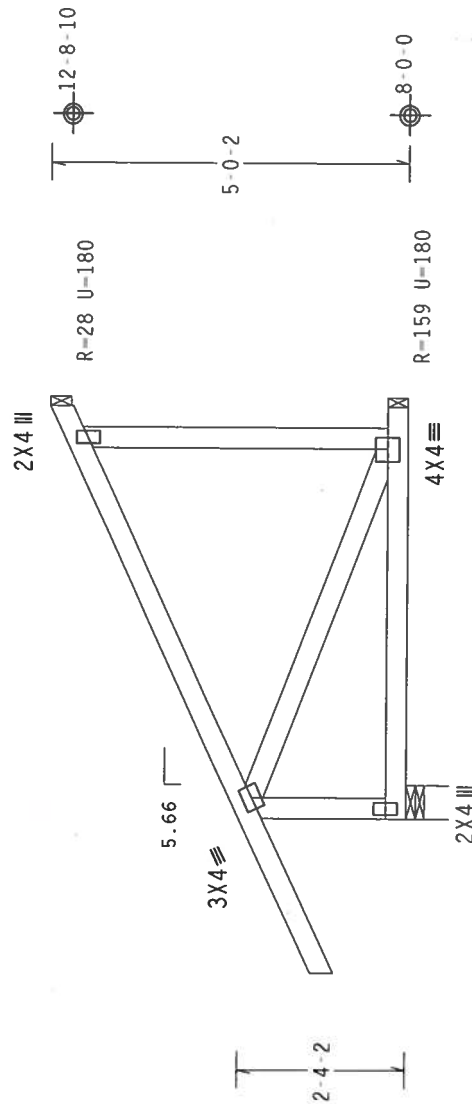
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
webs	2x4	SP	#2	N

Hipjack supports 4 0-0 setback jacks with no webs.
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 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 5'-0"-2."

Left end vertical not exposed to wind pressure.


$$\downarrow 2 \quad \downarrow 1 \quad \downarrow 7$$

← 5-7-14 Over 3 Supports →

Design Crit: TPI-2002(STD)/FBC

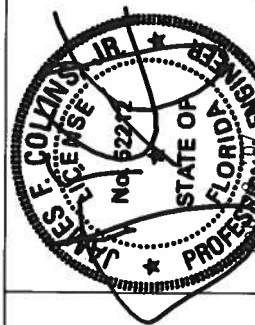
PLT TYP. Wave

Sample	C_q/RT	χ^2
1	1.00(1.25)/10(0)	7.25.0502.23

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

Scale = .375"/Ft.

****WARNING** TRUSSES REQUIRE EXTREME CARE IN ERECTION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE PULPUS PAPER INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND VTC (WOOD TRUSS COUNCIL OF AMERICA, 6380 NORTH ERIE LANE, WAUWATON, WI 53191) 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.**

[illegible]

TC LL	20.0	PSF	REF	R215 --	90606
TC DL	10.0	PSF	DATE	02/27/07	
BC DL	10.0	PSF	DRW	HCUSR215	07058121
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN -	147069	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24	"	REF -	1TE9215	705



ITW Building Components Group, Inc.

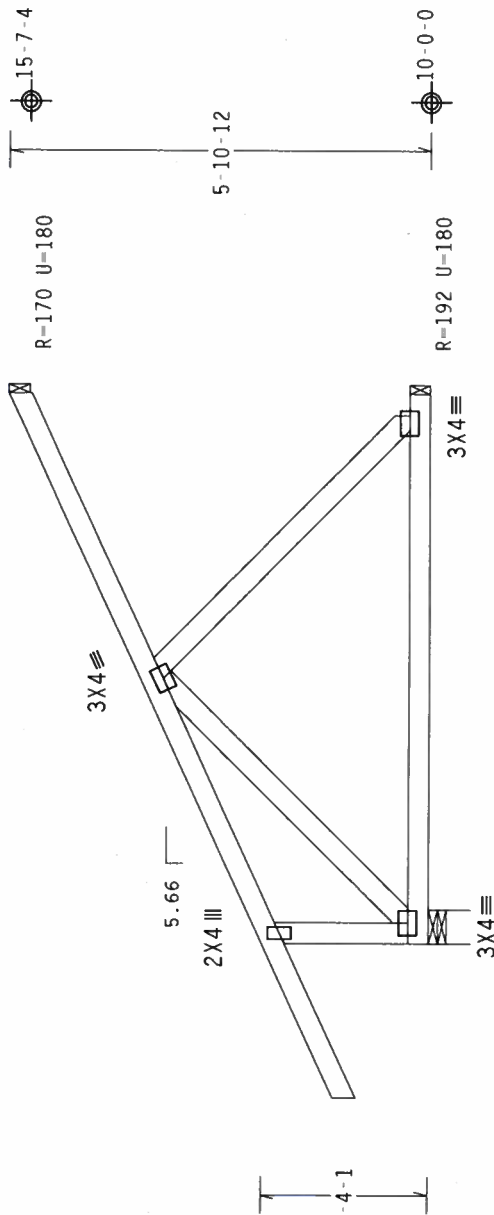
Haines City, FL 33844
FL Certificate of Authorization # 567

	2x4	SP	#2	N
op chord				
ot chord				
webs				

lipjack supports 5-4-0 setback jacks with no webs.
reflection meets L/240 live and L/180 total load.

10 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
I=5.0 psf.

left end vertical not exposed to wind pressure.



2-1-7

7-6-8 Over 3 Supports
R=298 U=180 W=5.657"

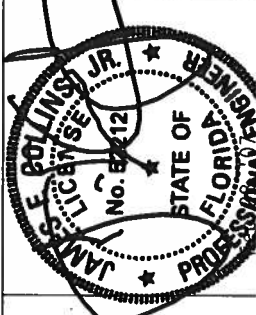
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

 $7.25.0502.23$

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R215--	90607
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	10.0 PSF	DRW	HCUSR215	070508122
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	149635	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	UREE-	1T58215	705



ALPINE

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

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

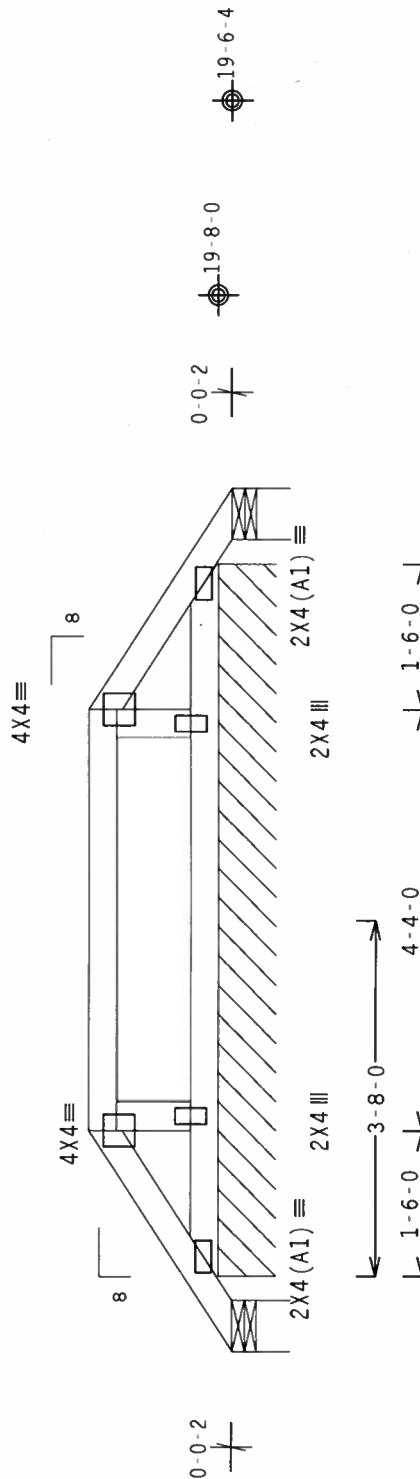
110 mph wind, 20.28 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

The overall height of this truss excluding overhang is 1-6-3.

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE
BRACED @ 24" O.C.



R=27 U=180 W=6.31"
(6.122" Effective)

10-10 Over 3 Supports -
R=70 PLF U=25 PLF W=7-4-0

R=27 U=180 W=6.31"
(6.122" Effective

Design Crit: $TPI-2002(STD)/FBC$

PLT TYP. Wave

Ca/RT=1.00(1.25)/10(0) 7.25.0502.23

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

Scale = .5"/Ft.

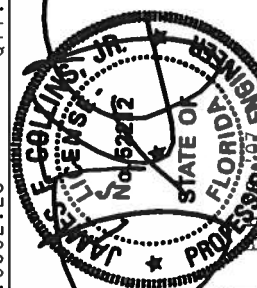
WARNING TRUSSES REQUIRE EXTREME CARE IN THE FABRICATION, HANDLING, INSTALLING AND BRACING. THESE TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSE. PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 5300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WTC WORLD TRUSS COUNCIL OF AMERICA, 6300 NORTHERN LANE, MOISTON, WI 53719. FOR THESE 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 TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

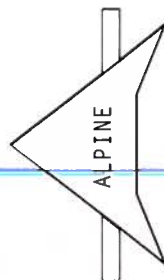
DESIGN CONFORMS WITH PROVISIONS OF MSD'S (NATIONAL SPEC. BY ASTM) AND TPI-1. TYP BCG CONNECTION PLATES 207/19160A (H-H/S/SS), ASTM A583 GRADE 40/60 (K, K/H, SS) GALV., STEEL, APPLICABLE TO ALL TYPES OF TRUSSES.

CONNECTION PLATES 207/19160B (H-H/S/SS), ASTM A583 GRADE 40/60 (K, K/H, SS) GALV., STEEL, APPLICABLE TO ALL TYPES OF TRUSSES.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-1 2002 SEC. 3 FOR SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE DESIGN COMPONENT BUILDING 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	REF	R215--	90509
TC DL	10.0	PSF	DATE	02/27/07	
BC DL	2.0	PSF	DRW	HCUSR215	07058124
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	32.0	PSF	SEQN-	149961	
DUR.FAC.	1.25		FROM	CDM	
SPACING	240"		1055-	1T58215	705



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

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

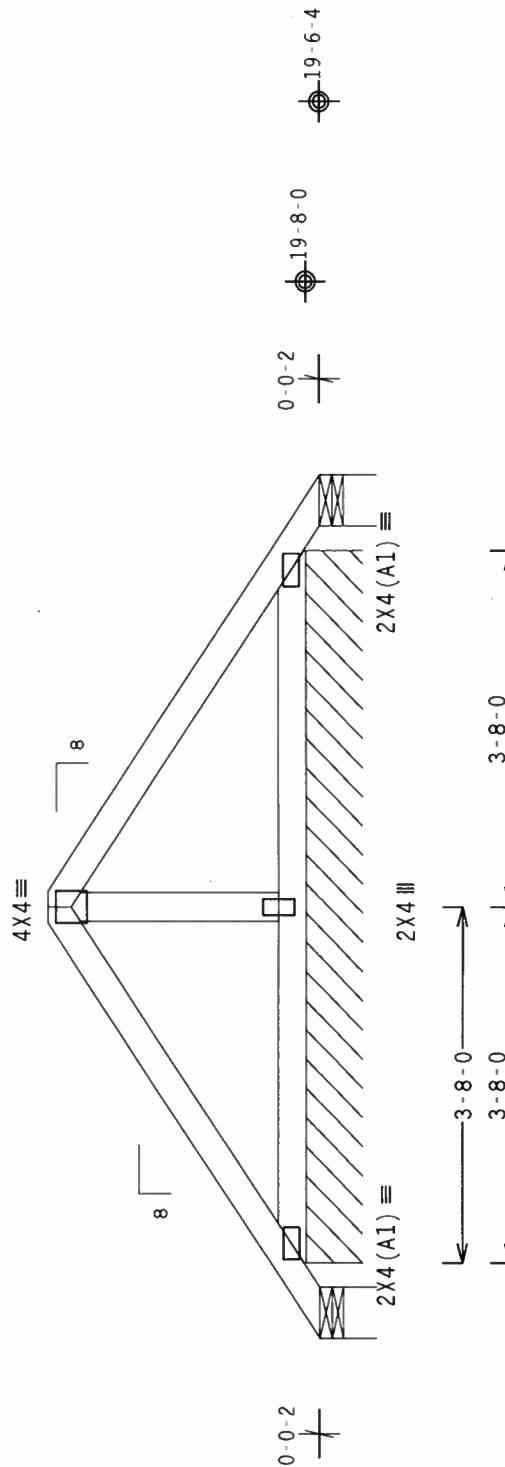
110 mph wind, 20.28 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-1.2 psf.

The overall height of this truss excluding overhang is 2-10-3.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE
BRACED @ 24" O.C.

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



8-10-10 Over 3 Supports

R-38 U-180 W-6.31"
(6.122" Effective Contact)

R-88 U-180 PLF W-7-4-0
(6.122" Effective Contact)

R-38 U-180 W-6.31"
(6.122" Effective Contact)

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

FI-2002 (STD) / FBC	Cq/RT=1.00(1.25) / 10(0)	7.25.0502.23

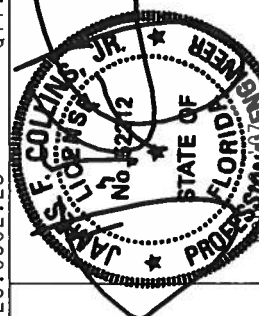
QTY:1 FL/-/5/-/-/R/-/-
Scale = .5"/Ft.

Scale = .5"/Ft.

[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 IN COMPLIANCE WITH TP-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. BY AFPA) AND TP-1. ITW BCG PLATES TO FACE OF TRUSS UNLESS OTHERWISE LOCATED ON THIS DESIGN. STEEL GRADE S160A-Z. PERMANENT CONNECTIONS TO FACE OF TRUSS AND ALL OTHERS MUST BE WELDED. POSITION PER DRAWINGS 160A-Z. IF NO DIMENSIONS ARE GIVEN, ASSUME THAT ALL DIMENSIONS ARE TO CENTERLINE UNLESS INDICATED OTHERWISE. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A-C OF TP-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/TP-1 SEC.-2.



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

(4335- /LOT 10 Hunter's Oak /Whiddon Construction -- LAKE CITY, FL - PBA3)

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

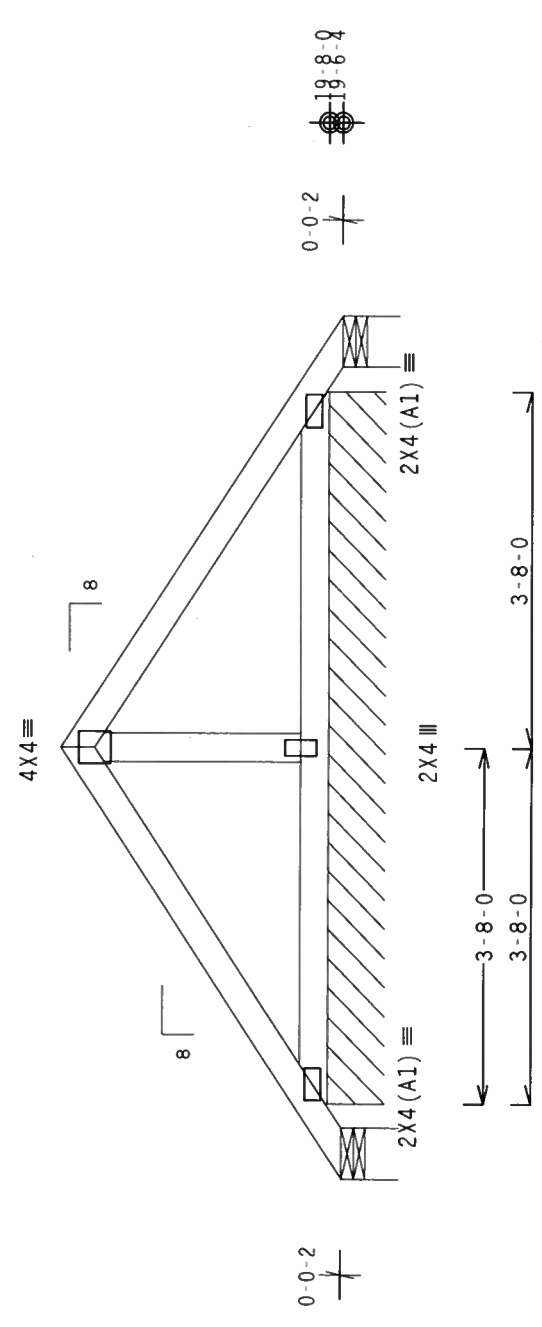
110 mph wind, 21.01 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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

The overall height of this truss excluding overhang is 2-11-9.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.



R=38 U-180 W-6.31" (6.122" Effective Contact)
R=88 PLF U-32 PLF W-7-4-0 (6.122" Effective Contact)
R=38 U-180 W-6.31" (6.122" Effective Contact)
R=88 PLF U-32 PLF W-7-4-0 (6.122" Effective Contact)

Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0) 7.25.0502.23

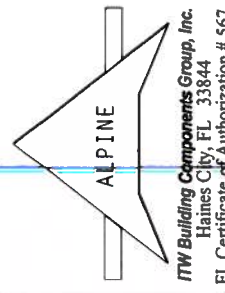
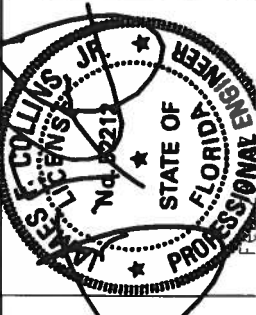
PLT TYP. Wave

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 6300 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.

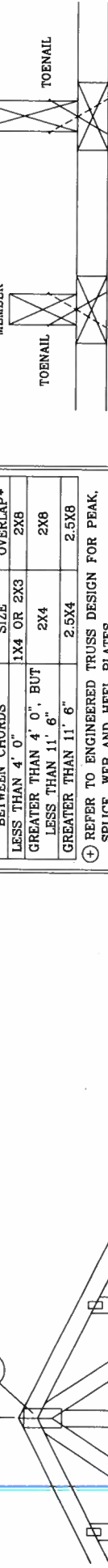
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TC LL	20.0 PSF	REF	R215--	90611
TC DL	10.0 PSF	DATE	02/27/07	
BC DL	2.0 PSF	DRW	HCUSR215	07058126
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	32.0 PSF	SEQN	149546	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24 0"	IRFF	1T5R215	705



GABLE DETAIL FOR LET-IN VERTICALS

SYM.
ABOUT C



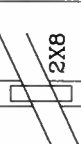
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

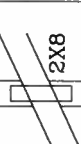
* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.



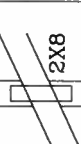
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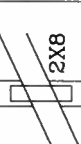
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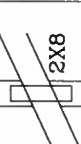
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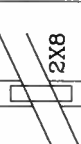
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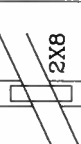
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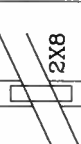
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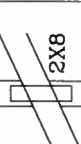
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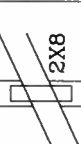
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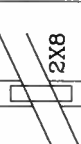
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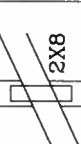
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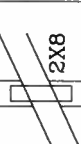
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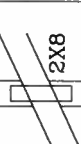
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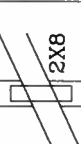
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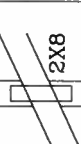
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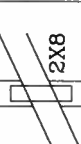
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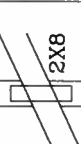
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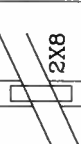
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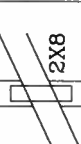
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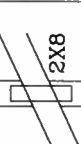
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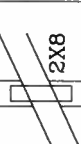
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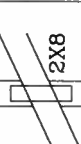
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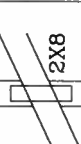
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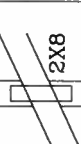
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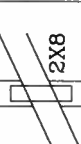
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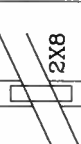
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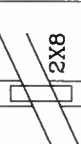
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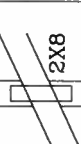
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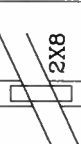
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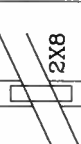
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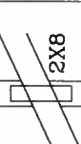
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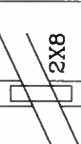
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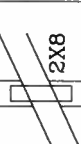
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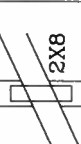
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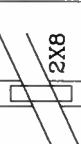
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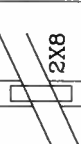
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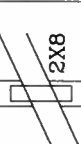
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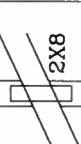
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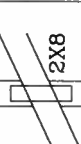
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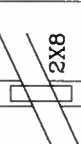
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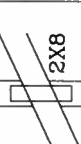
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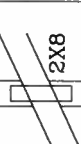
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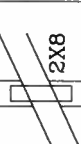
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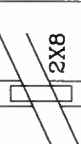
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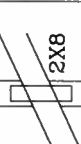
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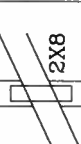
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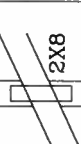
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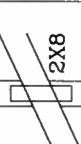
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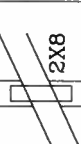
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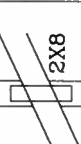
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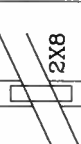
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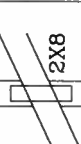
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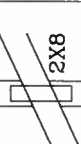
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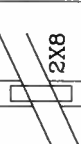
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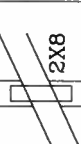
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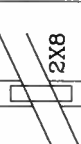
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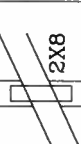
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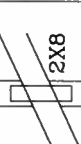
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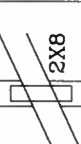
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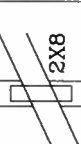
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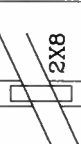
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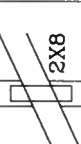
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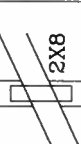
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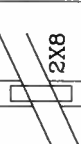
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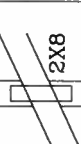
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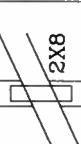
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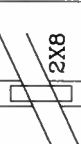
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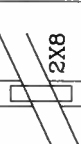
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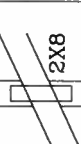
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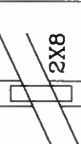
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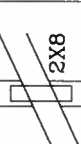
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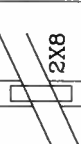
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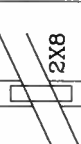
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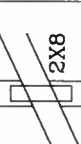
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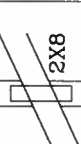
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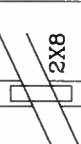
EXAMPLE:



EXAMPLE:



EXAMPLE:



CLB WEB BRACE SUBSTITUTION

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.

NOTES:

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.

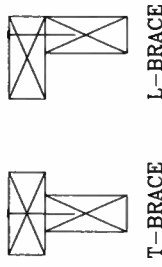
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X6	1 ROW	2X6	1-2X8
2X6	2 ROWS	2X6	2-2X6(*)

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.

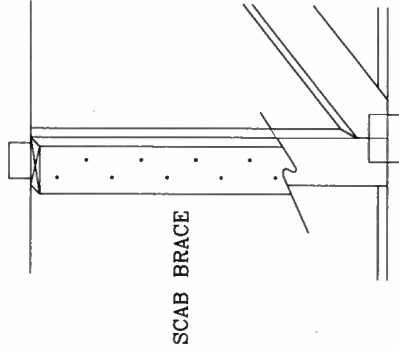
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3", MIN) NAILS.
AT 6" O.C. BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3", MIN) NAILS.
AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (V.H/SS/X) ASTM A653 GRADE 40/60 (V.H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY NO RECORD OF INSPECTION SHALL BE A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEER'S RESPONSIBILITY FOR THE TRUSS DESIGN. THE DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579.640

PSF	PSF	PSF	PSF	PSF	PSF
TC LL	TC DL	BC DL	BC LL	TOT. LD.	DUR. FAC.
REF	DATE	DRWG	-ENG	MLH/KAR	
CLB SUBST.	11/1/06	BRCBLSUB1106			

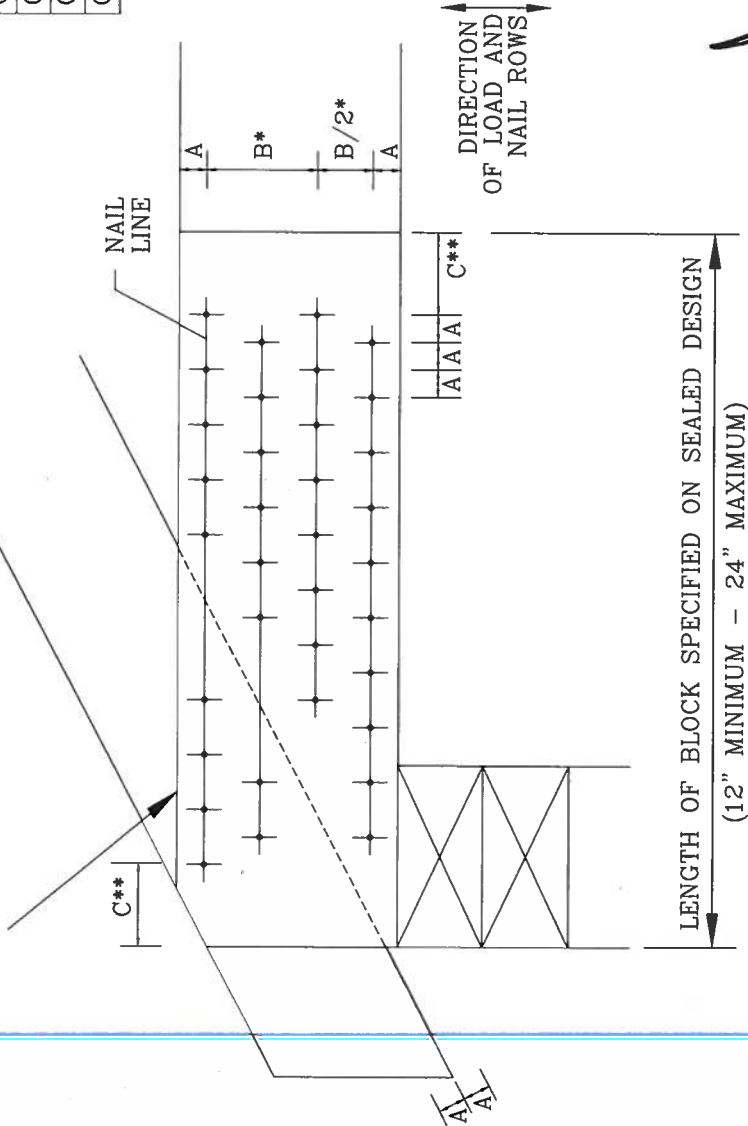
BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- C - END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
• SPACING MAY BE REDUCED BY 50%
• SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (F_c -perp) IS AT LEAST THAT OF THE CHORD.



MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	
10d BOX (0.128"X 3",MIN)	7/8"	1 5/8"	2"	
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	
20d BOX (0.148"X 4",MIN)	1"	1 7/8"	2 1/4"	
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	
10d COMMON (0.148"X 3",MIN)	1"	1 7/8"	2 1/4"	
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	
16d COMMON (0.162"X 3.5",MIN)	1"	2"	2 1/2"	
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	
GUN (0.120"X 3",MIN)	3/4"	1 1/2"	1 7/8"	
GUN (0.131"X 3",MIN)	7/8"	1 5/8"	2"	

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

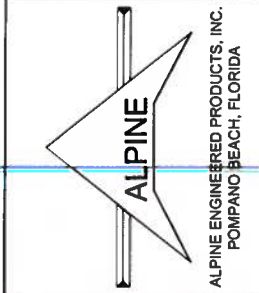
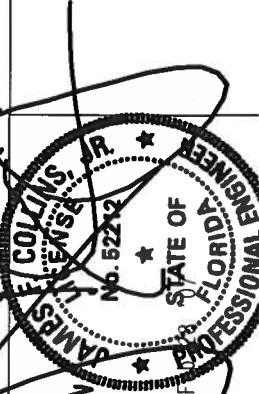
NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"X 2.5",MIN)	3	6	9	12	15
10d BOX (0.128"X 3",MIN)	3	5	7	10	12
12d BOX (0.128"X 3.25",MIN)	3	5	7	10	12
16d BOX (0.135"X 3.5",MIN)	3	5	7	10	12
20d BOX (0.148"X 4",MIN)	2	4	5	6	8
8d COMMON (0.131"X 2.5",MIN)	3	5	7	10	12
10d COMMON (0.148"X 3",MIN)	2	4	6	8	10
12d COMMON (0.148"X 3.25",MIN)	2	4	6	8	10
16d COMMON (0.162"X 3.5",MIN)	2	4	6	8	10
GUN (0.120"X 2.5",MIN)	3	6	8	11	14
GUN (0.131"X 2.5",MIN)	3	5	7	10	12
GUN (0.120"X 3",MIN)	3	6	8	11	14
GUN (0.131"X 3",MIN)	3	5	7	10	12

THIS DRAWING REPLACES DRAWING B139 AND CNBRGK0699

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 STR., SUITE 312 ALEXANDRIA, VA 22314 AND WTCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LN, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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REF	BEARING BLOCK
DATE	11/1/06
DRWG	CNBRGK1106
-ENG	SJP/KAR





Engineers • Planners

25655

161 N.W. Madison St., Suite 102
Lake City, Florida 32055
Tel: 386-758-4209
Fax: 386-758-4290

April 10, 2007

Columbia County Building and Zoning

RE: Crawley Residence

Parcel # 34-4S-16-03276-110

To whom it may concern:

I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation of the existing area. I certify that placing the finished floor elevation at least 12" above finished grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

William H. Freeman, P.E.
President
Cert. Of Authorization 00008701
PE # 56001



APPROXIMATE SCALE IN FEET
2000 0 2000

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER

120070 0175 B

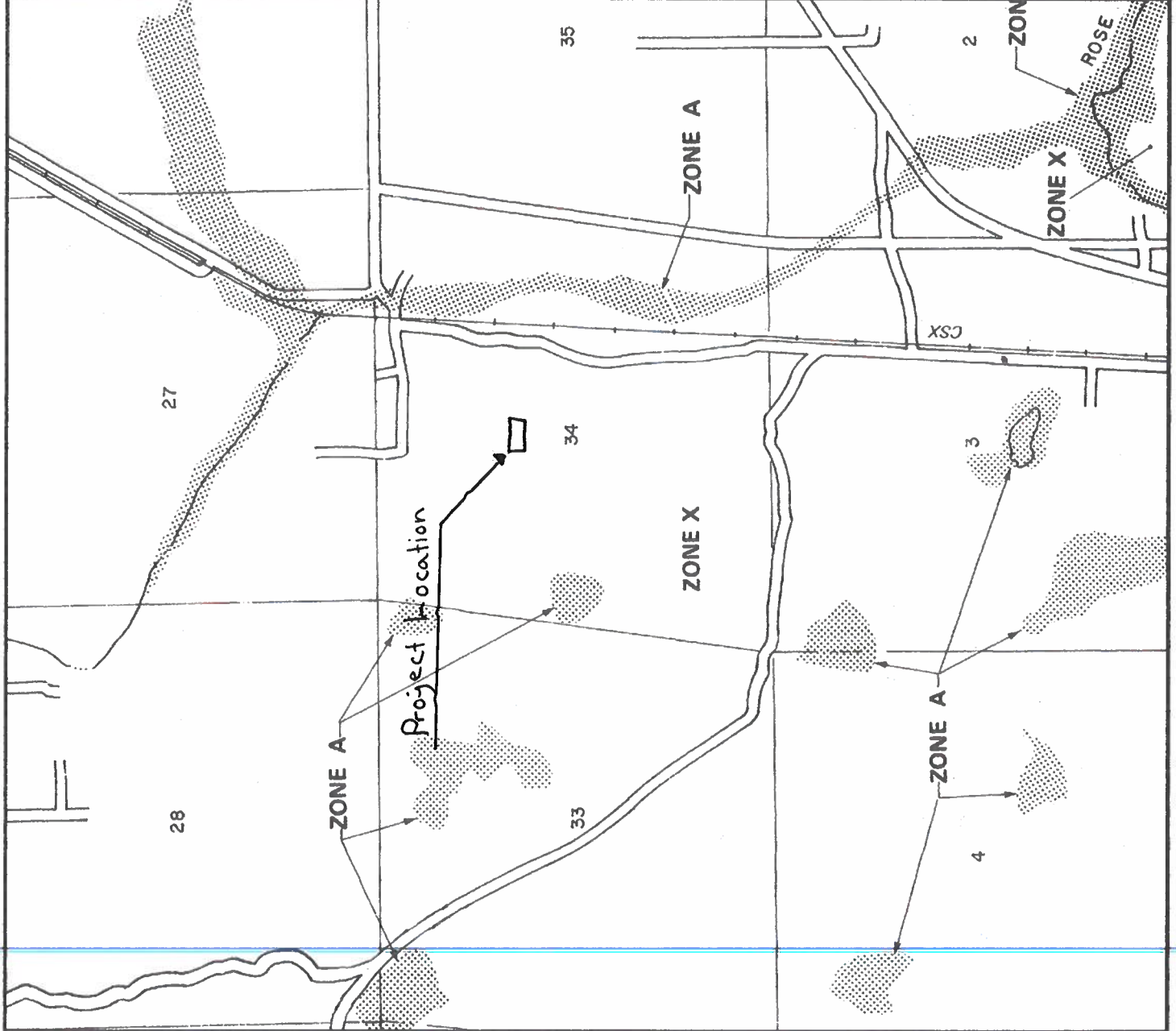
EFFECTIVE DATE:

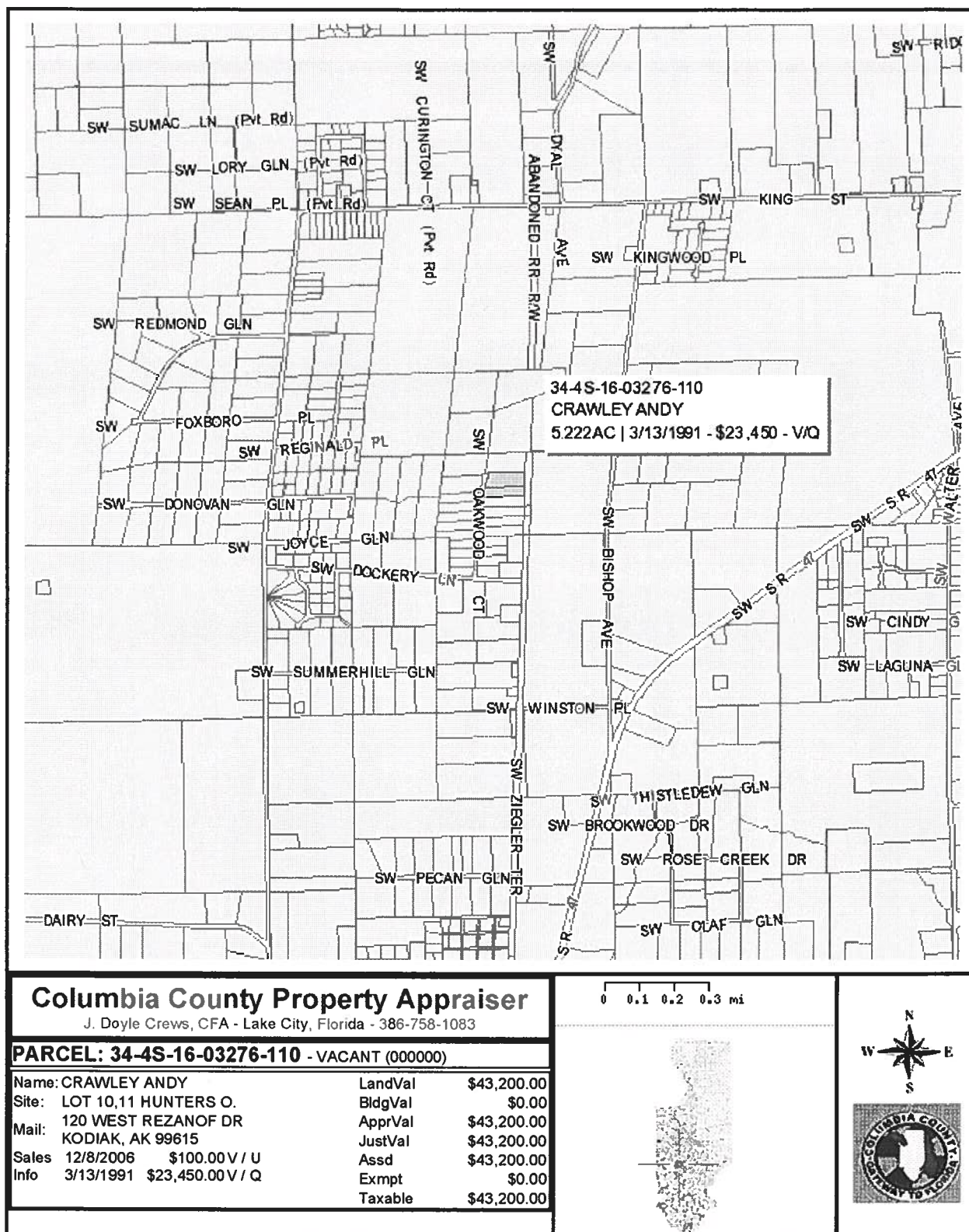
JANUARY 6, 1988



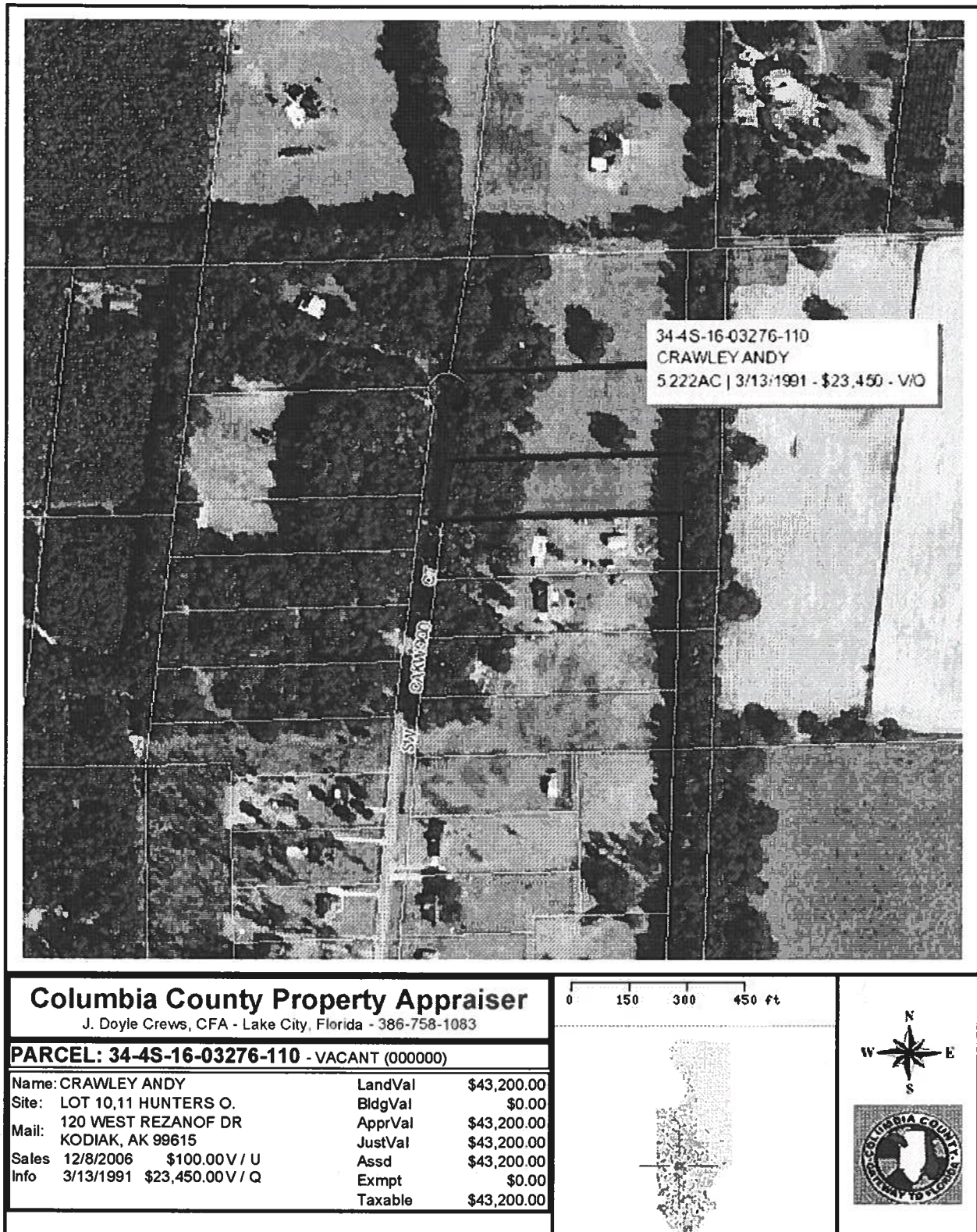
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/mifbsd.





This information, GIS Map Updated: 3/8/2007, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



This information, GIS Map Updated: 3/8/2007, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

25655



**NICHOLAS
PAUL
GEISLER**
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

20 JUNE 2007

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: LOT 10, HUNTERS OAK S/D for WHIDDON CONSTRUCTION
PERMIT Nr.: _____

DEAR SIR:

HAVING REVIEWED THE TRUSS ENGINEERING FOR THE ABOVE REFERENCED PROJECT, PLEASE BE ADVISED THAT ALL TRUSSES MAY BE ANCHORED TO THE WALL SYSTEM WITH "SIMPSON" H2.5a TRUSS ANCHORS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, WITH ALL REQUIRED FASTENERS. ONE H2.5a ANCHOR SHALL BE INSTALLED AT EACH POINT OF BEARING ON THE WALL SYSTEM FOR EACH TRUSS. THIS SHALL BE IN LIEU OF THE ANCHORS INDICATED IN THE CONSTRUCTION DOCUMENTS FOR THE ABOVE REFERENCED PROJECT. "SIMPSON" H2.5a ANCHORS MEET OR EXCEED ALL UPLIFT REQUIREMENTS INDICATED IN THE ENGINEERED TRUSS SHOP DRAWINGS.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: IT8C215-Z0120145321

Lot 10
Permit # 25655

Truss Fabricator: **W.B. Howland**
Job Identification: **REPAIR/4335 (REPAIR/4335-)**
Truss Count: **1**
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:
Address:
Minimum Design Loads: **Roof - 40.0 PSF @ 1.25 Duration**
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

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

Seal Date: 06/20/2007

-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	36692--A17	REPAIR	07171004	06/20/07

Repair Charge: \$45.00 per Customer Agreement.
Amount to be invoiced separately.

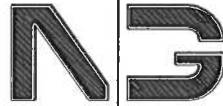
W.B. Howland
P.O. Box 477

Jun 20, 2007
Page 1 of 1
5 Trusses

REPAIR/4335 / REPAIR/4335

<u>#</u>	<u>Description</u>	<u>DrawNo</u>
<001>	36692--A17 REPAIR	-- 07171004
<002>	36692--A19 REPAIR	-- 07171005
<003>	36692--A21	-- 07171001
<004>	36692--A23	-- 07171002
<005>	36692--A24	-- 07171003

ALPINE



**NICHOLAS
PAUL
GEISLER
ARCHITECT**
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

05 JULY 2007

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: LOT 10, OAKWOOD S/D
PERMIT Nr.: _____

DEAR SIR:

PLEASE BE ADVISED OF THE FOLLOWING MODIFICATIONS TO THE
CONSTRUCTION DOCUMENTS FOR THE ABOVE REFERENCED PROJECT:

1. IN LIEU OF THE HOLDDOWN DEVICE SHOWN AT THE SIDES OF THE GARAGE
DOOR OPENING IT SHALL BE PERMISSIBLE TO INSTALL "SIMPSON" HTT ~~20~~ ¹⁶ STRAPS
USING 1 - 5/8" ϕ ANCHOR BOLT SET WITH 2 PART EPOXY INTO A
6" DEEP X 3/4" ϕ HOLE DRILLED INTO THE CONCRETE SLAB. THE STRAP
SHALL BE FASTENED TO THE BUILT-UP POST WITH ALL MANUFACTURER'S
RECOMMENDED NAILS.

THIS HOLDDOWN DEVICE MAY BE USED IN ALL CASES WHERE A HOLDDOWN
DEVICE MAY BE REQUIRED, FOR THIS PROJECT.

2. THE BUILT-UP POST AT THE GARAGE DOOR OPENING MAY BE UP TO SEVEN
PLYS OF 2X4 STUDS.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR
ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 34-4S-16-03276-110

Building permit No. 000025655

Use Classification SFD, UTILITY

Fire: 77.00

Permit Holder ROGER WHIDDON

Waste: 201.00

Owner of Building ANDY CRAWLEY

Total: 278.00

Location: 397 SW OAKWOOD CT., LAKE CITY, FL

Date: 10/24/2007

Thany Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

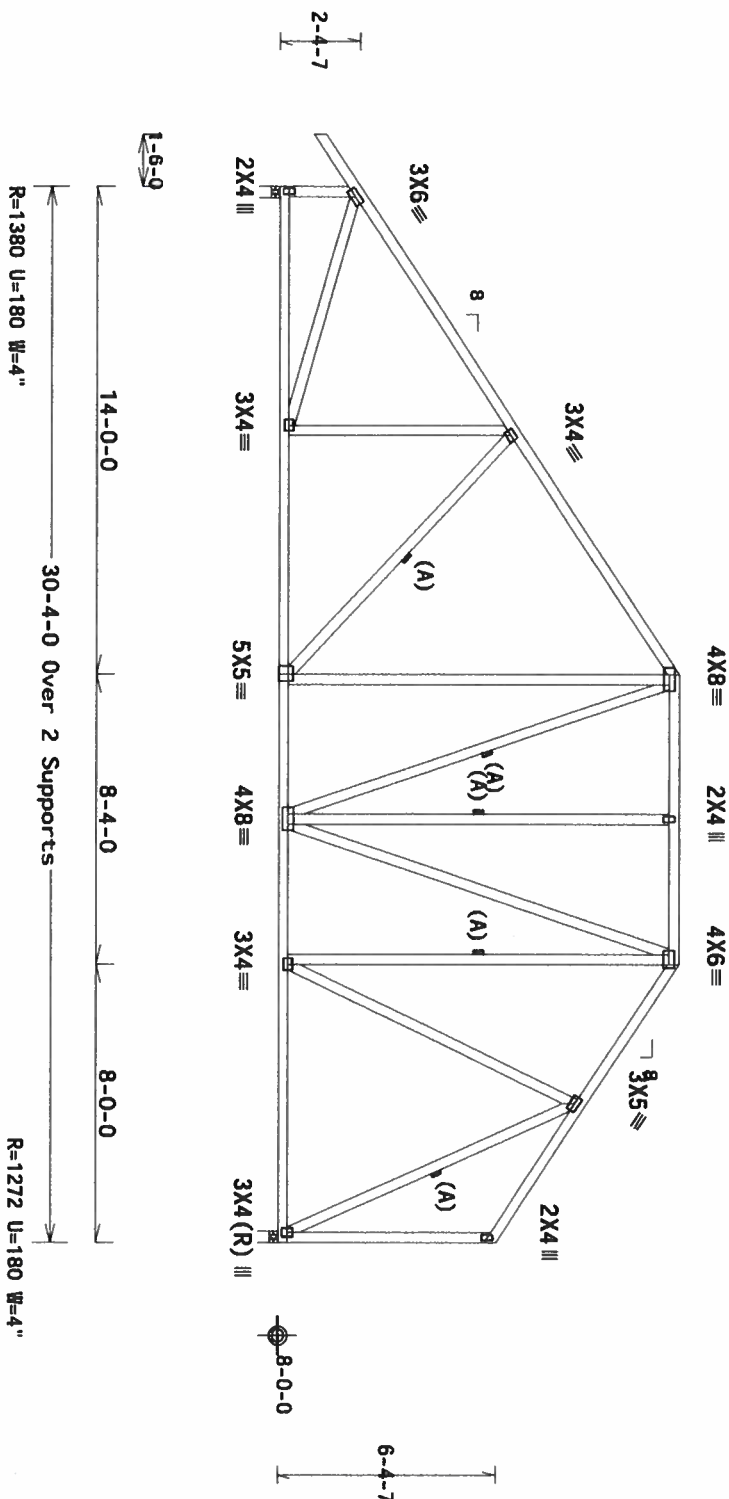
THIS DISK PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Right and vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TP1-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23/

Scale = .1875"/Ft.

TC LL	20.0
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REF R215-- 36692

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.

TC LL	20.0 PSF	REF R215-- 36692
TC DL	10.0 PSF	DATE 06/20/07
BC DL	10.0 PSF	DRW H05R215 07171002
BC LL	0.0 PSF	HC-ENG RA/AF
TOT. LD.	40.0 PSF	SEQN- 149973
DUR. FAC.	1.25	FROM CDN
SPACING	24.0"	JREF- 1T8C215_Z01

(REPAIR/4335 - A24)

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

Wind reactions based on MERS pressures.

Left 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.

The overall height of this truss excluding overhang is 10-4-7.

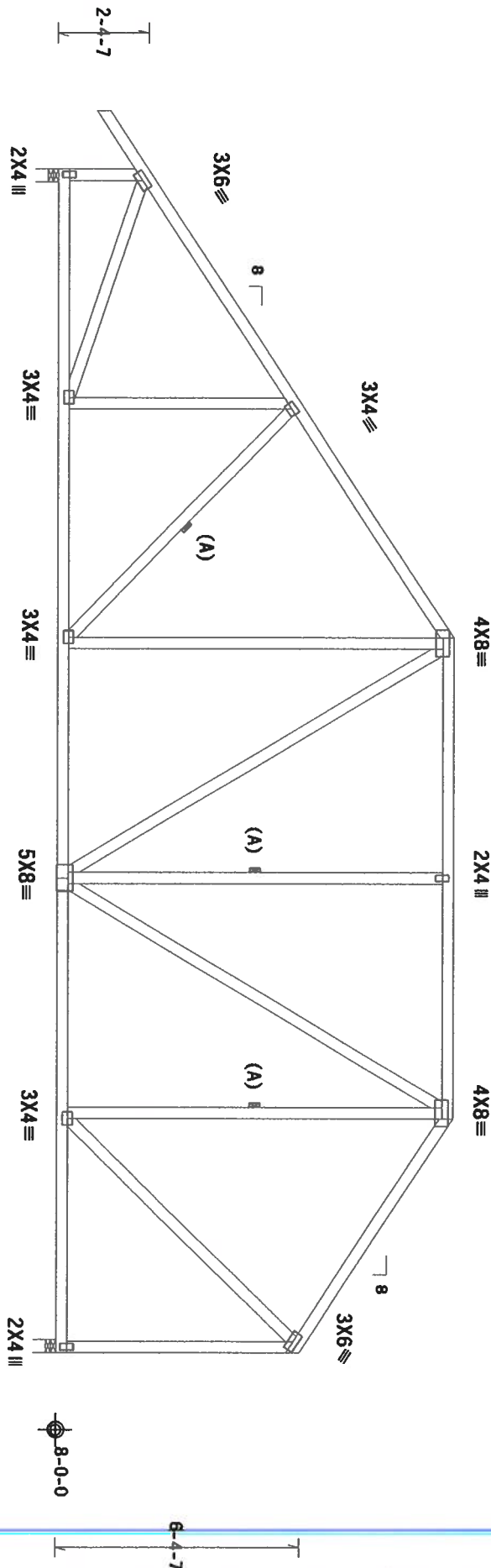
SHIM ALL SUPPORTS TO SOLID BEARING.

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

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP. Wave

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

QTY: 1 FL/-/4/-/-/R/-

Scale = .25"/Ft.

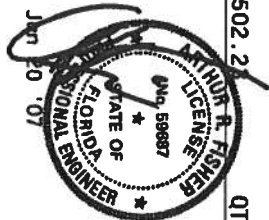
TRUSS REPAIR

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 PROPER SOLUTION IS TO REMOVE
THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE
CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE REMOVED. 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.



TC LL	20.0 PSF	REF R215-- 36692
TC DL	10.0 PSF	DATE 06/20/07
BC DL	10.0 PSF	DRAW HCUSR215 07171003
BC LL	0.0 PSF	HC-ENG RA/AF
TOT. LD.	40.0 PSF	SEQN- 149969
DUR. FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T8C215_Z01