

DATE 07/16/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000026629

APPLICANT MARY ANN CRAWFORD PHONE 752-5152
ADDRESS 853 SW SISTERS WELCOME RD LAKE CITY FL 32025
OWNER STANLEY CRAWFORD PHONE 752-5152
ADDRESS 235 SW VANN COURT LAKE CITY FL 752-5152
CONTRACTOR STANLEY CRAWFORD PHONE 752-5152

LOCATION OF PROPERTY 90W, TL ON 247S, TR ON MAYFAIR WAY. TR ON VANN CT.,
TO THE END ON RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 80150.00
HEATED FLOOR AREA 1603.00 TOTAL AREA 2344.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT
Minimum Set Back Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 11-4S-16-02911-307 SUBDIVISION MAYFAIR
LOT 7 BLOCK PHASE UNIT TOTAL ACRES 0.52

000001528 RG0042896
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 08-0046 Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2273

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 405.00 CERTIFICATION FEE \$ 11.72 SURCHARGE FEE \$ 11.72
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 528.44
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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECEIVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECEIVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, FL 32055

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 2nd day of June, 2006 by

Peter W. Giebeig, A Single Person

hereinafter called the grantor, to

Stanley Crawford Construction, Inc.

COPY

whose post office address is: 853 SW Sisters Welcome Road, Lake City, FL 32025
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# P/O R02914-003

Lot 7, May-Fair Unit 3, a subdivision according to the plat thereof filed in Plat Book 8, Pages 84-85, of the Public Records of Columbia County, Florida.

TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

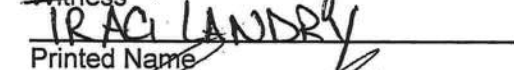
TO HAVE AND TO HOLD, the same in fee simple forever.

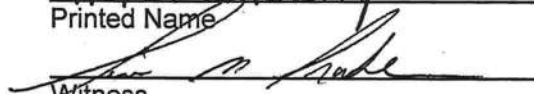
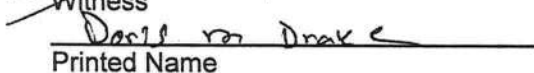
AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:


Peter W. Giebeig

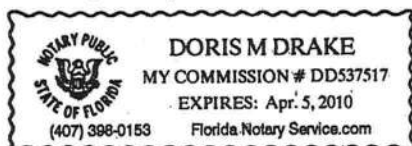

Witness

Printed Name

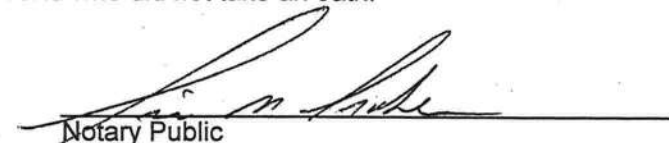

Witness

Printed Name

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 2nd day of June, 2006 by Peter W. Giebeig, A Single Person personally known to me or, if not personally known to me, who produced _____ for identification and who did not take an oath.

(SEAL)




Notary Public

My Commission Expires:

This instrument was Prepared By:
Stanley Crawford Construction, Inc.
853 S.W. Sisters Welcome Rd.
Lake City, Florida 32025

Inst:200812000568 Date:1/11/2008 Time:9:08 AM
44 DC, P. DeWitt Cason, Columbia County Page 1 of 1

PERMIT NO. _____

TAX FC _____

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: Mayfair Lot 7, Unit III
235 S.W. Vann Court, Lake City, FL 32024
2. General description of improvement: Construction of Dwelling
3. Owner information:
Name and address: Stanley Crawford Construction, Inc.
853 S.W. Sisters Welcome Rd, Lake City, FL 32025

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other
Than owner): NONE

Contractor: Stanley Crawford Construction, Inc.
853 S.W. Sisters Welcome Rd.
Lake City, FL 32025

5. Surety N/A

- a. Name and address:
- b. Amount of bond:

6. Lender: N/A

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 _____
_____ 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).

Stanley Crawford

The foregoing instrument was acknowledged before me this 10th day of
January, 2008, by Stanley Crawford,
who are personally known to me and who did not take an oath.

Janet L. Cheek
Notary Public

My Commission Expires: June 25, 2011



26629

This instrument was Prepared By:
STANLEY CRAWFORD CONSTRUCTION, INC.
1482 SW Commercial Glen
Lake City, Florida 32025

Inst 200912010606 Date 6/26/2009 Time 8:09 AM
✓ DC, P DeWitt Cason, Columbia County Page 1 of 1 B:1175 P:2711

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

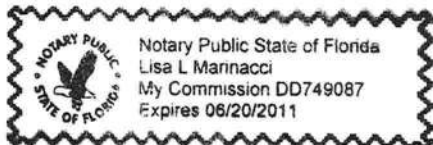
The undersigned hereby gives notice that improvement will be made to certain real Property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property: Mayfair Lot 7, Unit III
235 SW Vann Court, Lake City, FL 32024
2. General description of improvement: Construction of Dwelling
3. Owner information: Name and address: Stanley Crawford Construction, Inc.
1482 SW Commercial Glen, Lake City, FL 32025
4. a Interest in property: Fee Simple
b. Name and address of fee simple title holder (if other than owner): None
5. Contractor: Stanley Crawford Construction, Inc.
Address: 1482 SW Commercial Glen, Lake City, FL
6. Lender: None
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 N/A
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).

Stanley Crawford
Stanley Crawford, President

The foregoing instrument was acknowledged before me this 25 day of June, 2009, by Stanley Crawford, who are personally known to me and who did not take an oath.

Lisa L. Mannacci
Notary Public
My Commission Expires: 6/20/2011



Columbia County Building Permit Application

For Office Use Only Application # 0801-45 Date Received 1/11/08 By GT Permit # 1528/26629
 Application Approved by - Zoning Official BLK Date 1.5.01.08 Plans Examiner DKJH Date 1/14/08
 Flood Zone X0pt Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low-Den
 Comments MFE 1st above Rd
☒ NOC ☐ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Mary Ann Crawford Fax (386) 755-2165
 Address 853 S.W. Sisters Welcome Rd. Lake City, FL 32025 Phone (386) 752-5152
 Owners Name Stanley Crawford Construction, Inc. Phone (386) 752-5152
 911 Address 235 S.W. Vann Court Lake City, FL 32024
 Contractors Name Stanley Crawford Construction, Inc. Phone (386) 752-5152
 Address same as above

Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address Mark Disosway P.O. Box 868 Lake City, FL 32056
 Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 11-45-16-02911-307 Estimated Cost of Construction 75,000
 Subdivision Name Mayfair Lot 7 Block _____ Unit III Phase _____
 Driving Directions Highway 90 West, turn left on CR 247. Turn right on Mayfair Way. Turn right on Vann Court. To end on right.

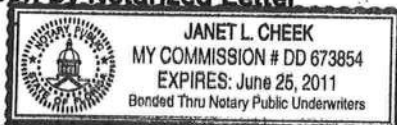
Type of Construction Residential Single-family house Number of Existing Dwellings on Property 0
 Total Acreage .52 Lot Size .52 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 60 Side 15 Side 47 Rear 72
 Total Building Height 17' 5 1/2" Number of Stories 1 Heated Floor Area 1603 Roof Pitch 6/12
70146 2344

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.

Stanley Crawford
 Owner Builder or Authorized Person by Notarized Letter

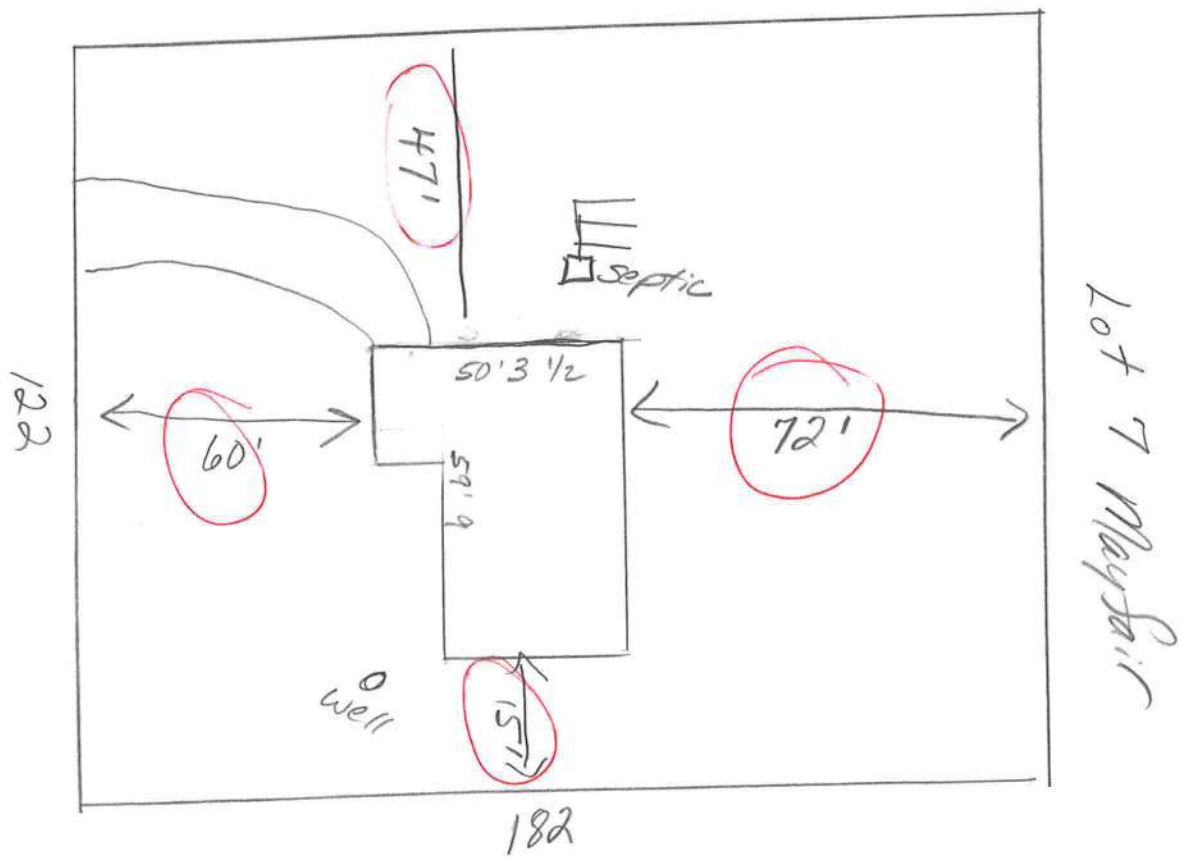


STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 10th day of January 2008.
 Personally known ☒ or Produced Identification _____

Stanley Crawford
 Contractor Signature
 Contractors License Number RG-0042896
 Competency Card Number 5627
 NOTARY STAMP/SEAL

Janet L. Cheek
 Notary Signature
 (Revised Sept. 2006)



COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW LAKE CITY AVE, LAKE CITY, FL 32055

Phone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

MAY-FAIR UNIT 3 SUBDIVISION ADDRESS ASSIGNMENTS

LOT NUMBER: ADDRESS:

1 251 SW MAYFAIR LN
2* 279 SW MAYFAIR LN
2* 121 SW VANN CT
3 143 SW VANN CT
4 167 SW VANN CT (Sold)
5 189 SW VANN CT
6 213 SW VANN CT
* 7 235 SW VANN CT (Spec)
8 257 SW VANN CT
9 262 SW VANN CT
10 246 SW VANN CT
11 218 SW VANN CT
12 194 SW VANN CT
13 170 SW VANN CT
14 150 SW VANN CT
15* 122 SW VANN CT
15* 313 SW MAYFAIR LN
16* 335 SW MAYFAIR LN
16* 123 SW LUCILE CT
17 149 SW LUCILE CT (Sold)
18 171 SW LUCILE CT (Sold)
19 195 SW LUCILE CT (Sold)
20 217 SW LUCILE CT (Sold)
21 241 SW LUCILE CT
22 255 SW LUCILE CT
23 265 SW LUCILE CT
24 258 SW LUCILE CT
25 252 SW LUCILE CT
26 230 SW LUCILE CT
27 206 SW LUCILE CT
28 184 SW LUCILE CT
29 162 SW LUCILE CT
30 138 SW LUCILE CT
31* 116 SW LUCILE CT
31* 377 SW LUCILE CT
32 415 SW MAYFAIR LN
33 457 SW MAYFAIR LN
34 491 SW MAYFAIR LN

LOT NUMBER: ADDRESS:

35 513 SW MAYFAIR LN
36 535 SW MAYFAIR LN
37 559 SW MAYFAIR LN
38 583 SW MAYFAIR LN
39 597 SW MAYFAIR LN
40 605 SW MAYFAIR LN
41 596 SW MAYFAIR LN
42 578 SW MAYFAIR LN
43 554 SW MAYFAIR LN
44 532 SW MAYFAIR LN
45 510 SW MAYFAIR LN
46 486 SW MAYFAIR LN
47 430 SW MAYFAIR LN
48 402 SW MAYFAIR LN
49 382 SW MAYFAIR LN
50 362 SW MAYFAIR LN
51 336 SW MAYFAIR LN
52 298 SW MAYFAIR LN

(L.C., FL. 32024)

Contact the Columbia County Addressing Department with any questions concerning these address assignments.

Water Wells
Pumps & Service

Phone: (386) 752-6677
Fax: (386) 752-1477

Lynch Well Drilling, Inc.

173 SW Young Place
Lake City, FL 32025
www.lynchwelldrilling.com

April 12, 2007

Columbia County Building Department
P. O. Box 1529
Lake City, FL 32056

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the above-referenced well:

Size of Pump Motor:	1 Horse Power
Size of Pressure Tank:	81-Gallon Bladder Tank
Cycle Stop Valve Used:	No

Should you require any additional information, please contact us.

Sincerely,



Linda Newcomb
Lynch Well Drilling, Inc.

Water Wells
Pumps & Service

Phone: (386) 752-6677
Fax: (386) 752-1477

Lynch Well Drilling, Inc.

173 SW Young Place
Lake City, FL 32025
www.lynchwelldrilling.com

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Aermotor Pump Model S20-100 HP 1

System Pressure (PSI) On 30 Off 50 Average Pressure 40

Pumping System GPM at average pressure and pumping level 20(GPM)

Tank Installation: Bladder /Galvanized Make Challenger

Model PC 244 Size 81 gallon

Tank Drawdown per cycle at system pressure 25.1 gallons


Signature

2609
License Number

Linda Newcomb
Print Name

4/12/07
Date

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	stanley crawford- lot 7 mayfair	Builder:	stanley crawford
Address:	Lot: 7, Sub: mayfair, Plat:	Permitting Office:	Columbia
City, State:	lake city, fl	Permit Number:	26629
Owner:		Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	Yes	13. Heating systems	
6. Conditioned floor area (ft ²)	1603 ft ²	a. Electric Heat Pump	Cap: 29.0 kBtu/hr HSPF: 7.70
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor:	Description Area	c. N/A	
(or Single or Double DEFAULT) 7a. (Dble Default) 199.0 ft ²		14. Hot water systems	
b. SHGC:		a. Electric Resistance	Cap: 50.0 gallons EF: 0.90
(or Clear or Tint DEFAULT) 7b. (Clear) 199.0 ft ²		b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 223.0(p) ft	15. HVAC credits	CF, —
b. N/A		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
c. N/A			
9. Wall types			
a. Frame, Wood, Adjacent	R=13.0, 260.0 ft ²		
b. Frame, Wood, Exterior	R=13.0, 1300.0 ft ²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=19.0, 100.0 ft ²		
b. Under Attic	R=30.0, 1603.0 ft ²		
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 112.0 ft		
b. N/A			

Glass/Floor Area: 0.12

Total as-built points: 23093

Total base points: 23372

PASS

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

PREPARED BY: Sancoast InsulatorsDATE: 1-9-08

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

OWNER/AGENT: [Signature]DATE: 1/10/08

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.

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked air 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.	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl,

PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit 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	= Total Points
6181		9286		7905	23372	5577		9435	8081 23093

PASS



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

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl,

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 16762.3			Winter As-Built Points: 17049.4					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
16762.3	0.5540	9286.3	(sys 1: Electric Heat Pump 29000 btuh , EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 17049.4 1.000 (1.069 x 1.169 x 1.00) 0.443 1.000 9435.5 17049.4 1.00 1.250 0.443 1.000 9435.5					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1603.0	20.17	5820.0	1.Double, Clear	E	2.0	5.0	61.0	18.79	1.08	1241.0
				2.Double, Clear	W	2.0	5.0	75.0	20.73	1.06	1646.0
				3.Double, Clear	S	2.0	5.0	12.0	13.30	1.40	223.0
				4.Double, Clear	N	2.0	5.0	51.0	24.58	1.01	1261.0
				As-Built Total:				199.0	4371.0		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	260.0	3.60	936.0	1. Frame, Wood, Adjacent	13.0		260.0	3.30	858.0		
Exterior	1300.0	3.70	4810.0	2. Frame, Wood, Exterior	13.0		1300.0	3.40	4420.0		
Base Total: 1560.0 5746.0				As-Built Total:		1560.0		5278.0			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	18.0	11.50	207.0	1.Adjacent Insulated			18.0	8.00	144.0		
Exterior	54.0	12.30	664.2	2.Exterior Insulated			54.0	8.40	453.6		
Base Total: 72.0 871.2				As-Built Total:		72.0		597.6			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1603.0	2.05	3286.1	1. Under Attic	19.0		100.0	2.70 X 1.00	270.0		
				2. Under Attic	30.0		1603.0	2.05 X 1.00	3286.1		
Base Total: 1603.0 3286.1				As-Built Total:		1703.0		3556.1			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	223.0(p)	8.9	1984.7	1. Slab-On-Grade Edge Insulation	0.0		223.0(p)	18.80	4192.4		
Raised	0.0	0.00	0.0								
Base Total: 1984.7				As-Built Total:		223.0		4192.4			
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
1603.0 -0.59 -945.8								1603.0 -0.59 -945.8			

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

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl,

PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 19017.4			Summer As-Built Points: 18058.4					
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
19017.4	0.3250	6180.7	(sys 1: Central Unit 30000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 18058	1.00	(1.09 x 1.147 x 1.00)	0.260	0.950	5576.6
			18058.4	1.00	1.250	0.260	0.950	5576.6

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1603.0	18.59	5364.0	1.Double, Clear	E	2.0	5.0	61.0	42.06	0.80	2044.0
				2.Double, Clear	W	2.0	5.0	75.0	38.52	0.80	2309.0
				3.Double, Clear	S	2.0	5.0	12.0	35.87	0.72	311.0
				4.Double, Clear	N	2.0	5.0	51.0	19.20	0.87	852.0
				As-Built Total: 199.0 5516.0							
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	260.0	0.70	182.0	1. Frame, Wood, Adjacent	13.0		260.0	0.60	156.0		
Exterior	1300.0	1.70	2210.0	2. Frame, Wood, Exterior	13.0		1300.0	1.50	1950.0		
Base Total: 1560.0 2392.0				As-Built Total: 1560.0 2106.0							
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	18.0	2.40	43.2	1.Adjacent Insulated			18.0	1.60	28.8		
Exterior	54.0	6.10	329.4	2.Exterior Insulated			54.0	4.10	221.4		
Base Total: 72.0 372.6				As-Built Total: 72.0 250.2							
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1603.0	1.73	2773.2	1. Under Attic	19.0		100.0	2.34 X 1.00	234.0		
				2. Under Attic	30.0		1603.0	1.73 X 1.00	2773.2		
Base Total: 1603.0 2773.2				As-Built Total: 1703.0 3007.2							
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	223.0(p)	-37.0	-8251.0	1. Slab-On-Grade Edge Insulation	0.0		223.0(p)	-41.20	-9187.6		
Raised	0.0	0.00	0.0								
Base Total: -8251.0				As-Built Total: 223.0 -9187.6							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
	1603.0	10.21	16366.6	1603.0 10.21 16366.6							

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.8

The higher the score, the more efficient the home.

, Lot: 7, Sub: mayfair, Plat: , lake city, fl,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 30.0 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	___	b. N/A	___
4. Number of Bedrooms	3	___	c. N/A	___
5. Is this a worst case?	Yes	___		
6. Conditioned floor area (ft ²)	1603 ft ²	___	13. Heating systems	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)			a. Electric Heat Pump	Cap: 29.0 kBtu/hr HSPF: 7.70
a. U-factor:	Description Area		b. N/A	___
(or Single or Double DEFAULT)	7a. (Dble Default) 199.0 ft ²	___	c. N/A	___
b. SHGC:			14. Hot water systems	
(or Clear or Tint DEFAULT)	7b. (Clear) 199.0 ft ²	___	a. Electric Resistance	Cap: 50.0 gallons EF: 0.90
8. Floor types			b. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 223.0(p) ft	___	c. N/A	___
b. N/A		___		
c. N/A		___	15. HVAC credits	CF, ___
9. Wall types			a. Conservation credits	
a. Frame, Wood, Adjacent	R=13.0, 260.0 ft ²	___	(HR-Heat recovery, Solar	
b. Frame, Wood, Exterior	R=13.0, 1300.0 ft ²	___	DHP-Dedicated heat pump)	
c. N/A		___		
d. N/A		___		
e. N/A		___		
10. Ceiling types				
a. Under Attic	R=19.0, 100.0 ft ²	___		
b. Under Attic	R=30.0, 1603.0 ft ²	___		
c. N/A		___		
11. Ducts				
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 112.0 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: [Signature]

Date: 11/10/08

Address of New Home: 235 SW Vassar Ct

City/FL Zip: Lake City, FL 32024



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

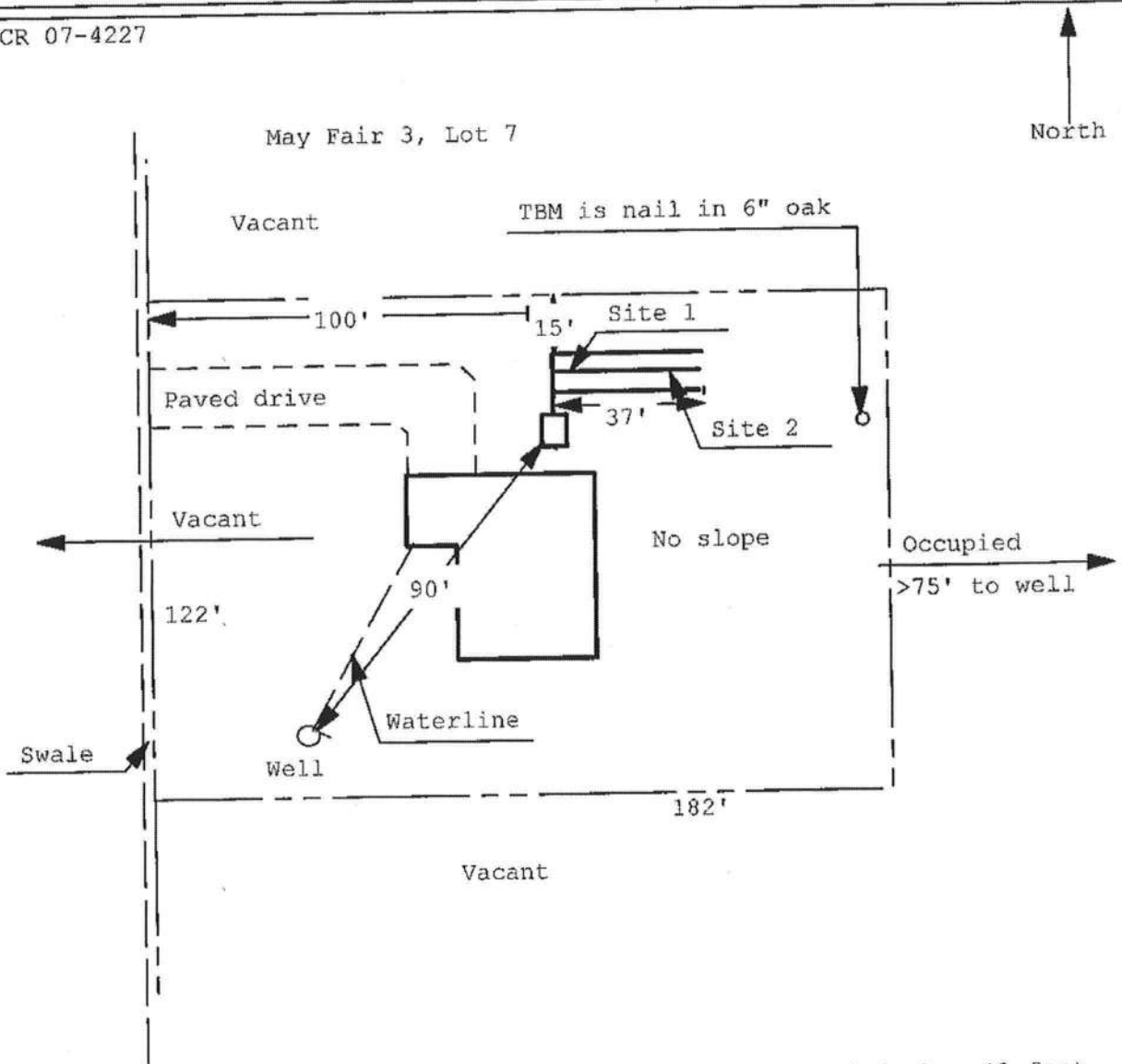
¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.5)

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

Permit Application Number: 08-0046

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CRAWFORD/CR 07-4227



1 inch = 40 feet

Site Plan Submitted By Paul Lloyd Date 1/9/08
Plan Approved ☒ Not Approved ☐ Date 1-14-08

By MA D L Columbia CPHU

Notes: _____

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001528

DATE 01/16/2008 PARCEL ID # 11-4S-16-02911-307

APPLICANT MARY ANN CRAWFORD PHONE 752-5152

ADDRESS 853 SW SISTERS WELCOME RD LAKE CITY FL 32025

OWNER STANLEY CRAWFORD PHONE 752-5152

ADDRESS 235 SW VANN COURT LAKE CITY FL 32024

CONTRACTOR STANLEY CRAWFORD PHONE 752-5152

LOCATION OF PROPERTY 90W, TL ON 247S, TR ON MAYFAIR WAY, TR ON VANN COURT,
TO THE END ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MAYFAIR 7

SIGNATURE



INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

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

Amount Paid 25.00



STANLEY CRAWFORD CONSTRUCTION, INC.
1482 S.W. COMMERCIAL GLEN
LAKE CITY, FL 32025

Phone: 386-752-5152

License #RG-0042896

Fax: 386-755-2165

www.stanleycrawfordconstruction.com

scci@stanleycrawfordconstruction.com

June 24, 2009

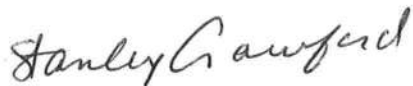
*Columbia County Building & Zoning
Lake City, FL*

*Re: Permit extension on Permit # 26629
Dated 1/16/08*

*We received a footer inspection and pour the footer the latter part of June 2008.
Since that time we have slowly continued to work on getting the slab poured.
In December of 2008 we laid the block. Then mid March we put the fill dirt
in. We are now ready for a plumbing inspection.*

Thank you for your help in this matter.

Sincerely,



*Stanley Crawford
President*

*Per County Attorney's letter dated Feb 12, 2009
We are able to extend this permit.*



**SIDE-HINGED WOOD-EDGE STEEL DOOR UNIT
6'-8" GLAZED DOUBLE DOOR WITH / WITHOUT SIDELITES**

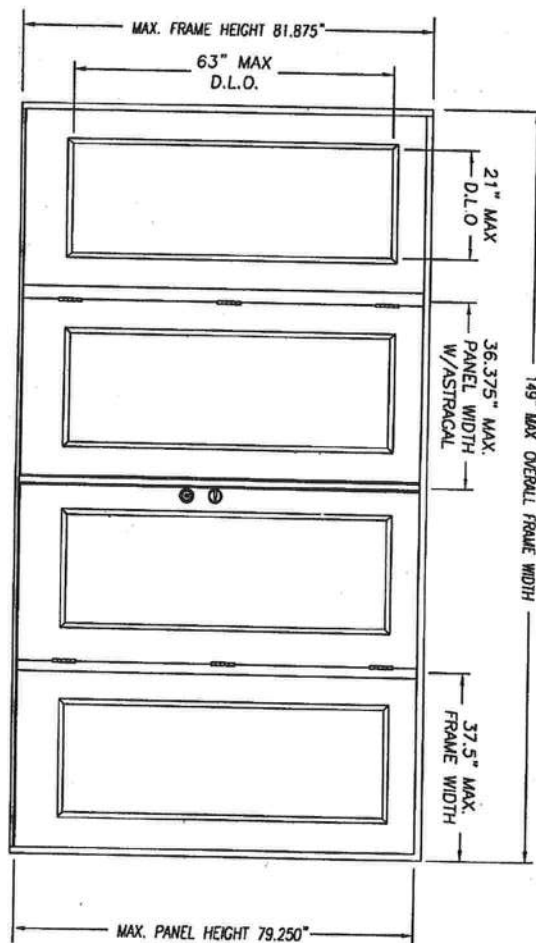
1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DO NOT EXCEED THE DESIGN PRESSURES LISTED
2. HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84
4. PLASTICS TESTING OF LIFE FRAME MATERIAL.

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	860 °F > 650
RATE OF BURNING	ASTM D635	1.10 IN/MIN
SMOKE DENSITY	ASTM D2983	66.6%
TENSILE STRENGTH*	ASTM D638	7.48K LBF

* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	680 °F > 650 °F
RATE OF BURNING	ASTM D635	1.10 IN/MIN
SMOKE DENSITY	ASTM D2843	69.6%
TENSILE STRENGTH ^a	ASTM D638	-7.48% DIFF

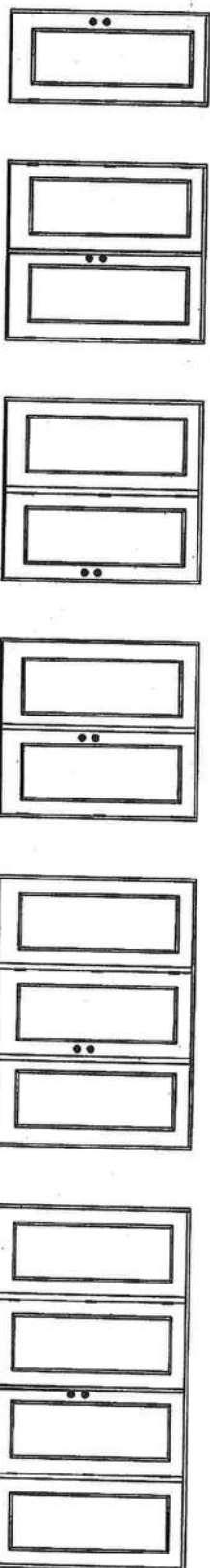
4500 HOURS XENON ARC METHOD 1



DOUBLE INSWING UNIT W/SIDELITES

Addendum to HAW

Certification No.: NI0006110
 Reviewed By: [Signature]
 Date Reviewed: 8/10/05



<u>SINGLE DOOR UNIT</u>	<u>DOUBLE DOOR UNIT</u>
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

SINGLE DOOR UNIT
WITH SIDE LITE

SINGLE DOOR UNIT
WITH SIDELITE

SINGLE DOOR UNIT W/SIDELITES

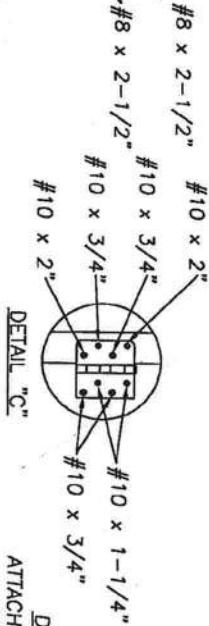
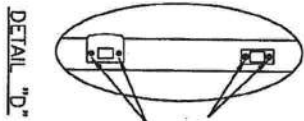
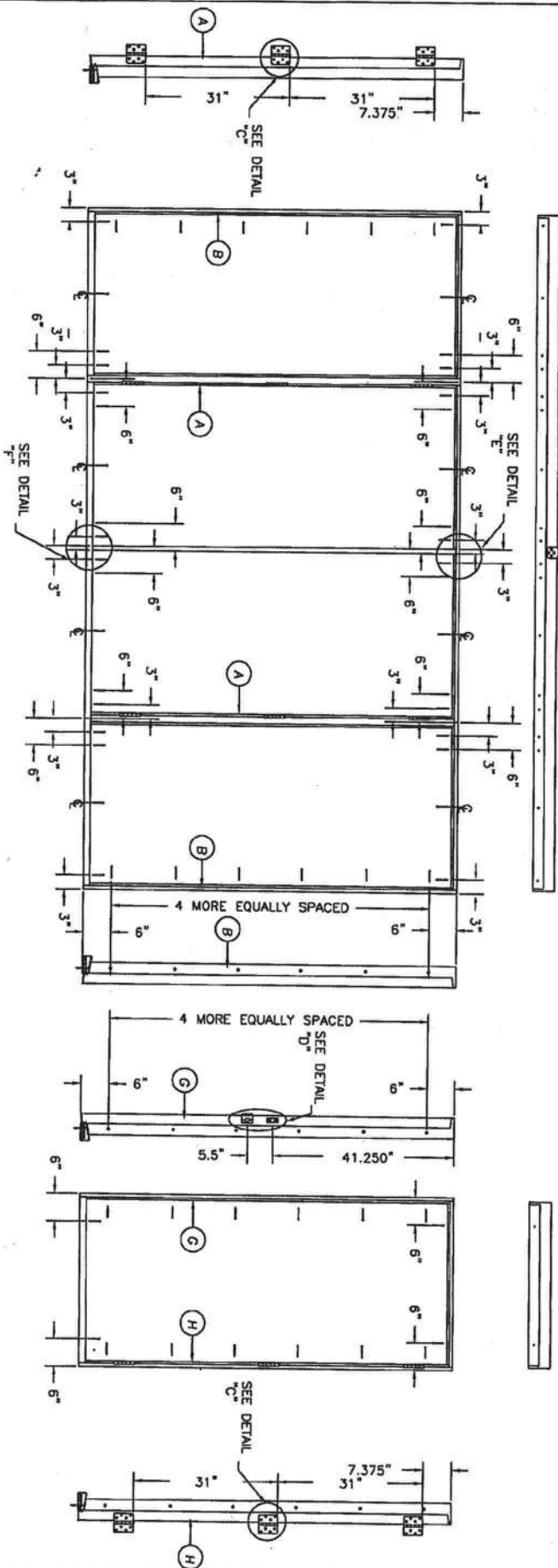
DOUBLE DOOR UNIT W/SIDELITES

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	ANCHORING LOCATIONS & DETAILS
3	ANCHORING LOCATIONS & DETAILS

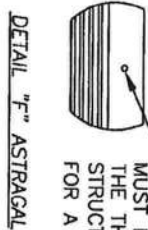
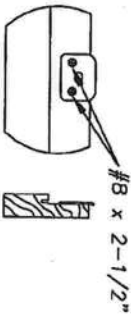
CONFIG	MAX. WIDTH	DESIGN PRESSURE RATING		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE	
		INSURING	OUTSURING	INSURING	OUTSURING
X	37.5"	+50.5	+50.5	+19.0	+50.5
XX	74"	+50.5	+50.5	+19.0	+50.5
OX or XO	75"	+50.5	+50.5	+19.0	+50.5
OxO	112.5"	+50.5	+50.5	+19.0	+50.5
OxXO	149"	+50.5	+50.5	+19.0	+50.5

DATE: 7/11/05 SCALE: N.T.S. DMC, BY: SMS CHK, BY: DRAWING NO.: DMC-44-FLD130-05			PRODUCT: "EXTERIOR DOOR PRODUCT" DOUBLE 6" GLAZED WOOD-EDGE STEEL DOOR	
			PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES	
	NO.	DATE	BY	
	REVISIONS			

MASONITE INTERNATIONAL CORP.
7300 REAMES RD.
CHARLOTTE, NC 28216



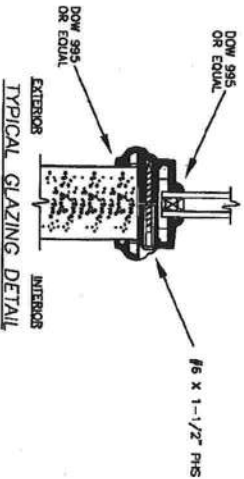
ATTACH ASTRAGAL RETAINER BOLT
 STRIKE PLATE TO FRAME
 AS SHOWN.



ASTRAGAL RETAINER BOLT HOLE
 MUST BE DRILLED THROUGH
 THE THRESHOLD & INTO THE
 STRUCTURE DEEP ENOUGH
 FOR A 1.375" THROW

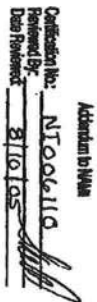


Certified by: **NICOLELLO**
 Drawn by: **B. J. JONES**
 Checked by: **B. J. JONES**



PRODUCT: "EXTERIOR DOOR PRODUCT" DOUBLE 6"-8" GLAZED WOOD-EDGE STEEL DOOR		PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS		MASONITE INTERNATIONAL CORP. 7300 REAMES RD. CHARLOTTE, NC 28216	
DATE: 7/11/05	SCALE: N.T.S.	DWG. BY: SWS	CHK. BY:	DRAWING NO.: DWG-MI-F10130-05	SHEET 2 OF 3
NO.	DATE	REVISIONS	BY		

- ### TYPICAL ANCHOR INSTALLATION



1. KWIKSET OR SCHLEGEL ANSI/BHMA GRADE 3 OR BETTER CYLINDRICAL AND DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE.
2. 4" X 4" FULL MORTISE BUTT HINGES





SITE NAVIGATION



Home

Course
AccreditationFlorida
Building
CodeManufact.
BuildingsPrototype
Building

Surcharges



Training

Product
ApprovalLicense
SearchMailing
ListFlorida
Building
Commission

PRODUCT APPROVAL

Product Type Detail

Overview Product Search Organization Search Product Application

User: Public User - Not Associated with Organization -

[Need Help ?](#)

Application #: FL4904
Date Submitted: 07/25/2005
Code Version: 2004

Product Manufacturer: Masonite International
Address/Phone/email: One North Dale Mabry
Suite 950
Tampa, FL 33609
(615) 441-4258

Category: Exterior Doors

Subcategory: Swinging

Evaluation Method: Certification Mark or Listing

Referenced Standards from the Florida Building Code:	Section	Standard	Year
		TAS 201	1994
		TAS 202	1994
		TAS 203	1994
		ASTM E1300	1998
		ASTM E1300	2002

Section
2612 HVHZ
PI

Certification Agency: National Accreditation & Management Institute,

Quality Assurance Entity:

Validation Entity:

Authorized Signature: Steve Schreiber
sschreiber@masonite.com

Evaluation/Test Reports Uploaded:

Installation Documents Uploaded:

[PTID_4904_I_Install 68 WE
Glazed.pdf](#)[PTID_4904_I_Install 68 WE
Opaque.pdf](#)[PTID_4904_I_Install 80 WE
Glazed.pdf](#)[PTID_4904_I_Install 80 WE
Opaque.pdf](#)

Product Approval Method:

Method 1 Option A

Application Status:

Approved

Date Validated:

09/27/2005

Date Approved:

10/06/2005

Date Certified to the 2004 Code:

Page:

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
4904.1	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Single Door	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 6'-8" max nominal size Max DP = +/- 76.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0128-05 for additional information.
4904.2	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S and O/S Single Door	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 8'-

			0" max nominal size Max DP = +/- 70.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0129-05 for additional information.
4904.3	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 55.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0128-05 for additional information.
4904.4	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 12'-0" x 8'-0" max nominal size. Max DP = + 45.0 / -50.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0129-05 for additional information.
			Evaluated for use in

4904.5	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque O/S w/ or w/o Sidelites	locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 50.0 / -45.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0129-05 for additional information.
4904.6	Wood-edge Steel Side-Hinged Door Units	6'-8" Glazed I/S and O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 50.5. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0130-05 for additional information.
4904.7	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed I/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size.

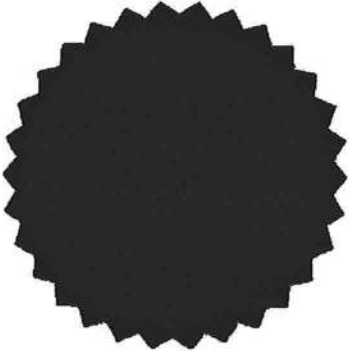
			Max DP = +40.0 / -45.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.
4904.8	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = +45.0 / -40.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.

[Next](#)

Copyright and Disclaimer : ©2000 The State of Florida. All rights reserved

A

NAMI NOTICE OF PRODUCT LINE CERTIFICATION



Certification No.: NI006110-Page 1
Date: 07/23/05
Revision Date: _____
Certification Program: Structural
Company: Masonite International
Code: M-703-1

The "Notice of Product Line Certification" is valid only when Administrator's Seal is applied to the upper left hand portion of this form and a certification label is applied to the product. This certification seal represents product conformity to the applicable specification and that all certification criteria has been satisfied.

The products and systems listed below are approved for listing in the Directory of Certified Products at www.NAMICertification.com. Please review, and advise NAMI immediately if data, as shown requires corrections.

Company: **Masonite International Corporation**
1955 Powis Road
West Chicago, IL 60185

Product Line: **Masonite Wood-Edge Steel Side-Hinged Door Units**

Test Report: **NCTL-210-2929-1/210-2930-1/210-2930-7/210-2930-7/210-3121-1/
210-3123-1/210-3125-1/CTLA-919W**

Section 1: General Description of the Products and Systems under this Certification

- 1.1 Frame:** The frame jambs consist of finger jointed pine with all corners coped, butted, and sealed using three 2" long wire staples (.04375").
- 1.2 Mullion Construction:** Where used, each mullion constructed of laminated lumber with a pine cap and attached to the header and threshold with three #10 x 3" Philips Flat Head Wood Screws.
- 1.3 Glazing:** Where used, the overall insulated glass was glazed into a rigid plastic lip-lite frame. Consisted of symmetric monolithic insulated glass with 3mm (0.118) tempered glass.
- 1.4 Door Leaf Construction:** Each door leaf was constructed from 0.017"(6'8" height) or 0.020"(8'0" height) thick galvanized steel facings.

Section 2: Registered Suppliers

- | | | |
|------------|--------------------|----------------------------------|
| 2.1 | Door Lites: | ODL, Specialty or Trinity |
| 2.2 | Astragal: | Endura Ultimate |

Section 3: Additional Supportive Test or Acceptance Data Provided with Certification Documentation included:

- 3.1** Miami-Dade Building Code Compliance Notice of Acceptance for Lite Frame Material, NOA#02-0429.11; #02-1216.06 and #03-0303.07.
- 3.2** Surface Burning Characteristics for Foam Filled Door performed by Omega Point Laboratories to ASTM E84-98, "Standard Test Method for Surface Burning Characteristics of Building Materials-Report No. 15977-104313.
- 3.3** ASTM E1300 Glass Load Resistance Report provided by National Certified Testing Laboratories NCTL-110-9735-1.
- 3.4** Anchor Calculations for:
Anchor Performance Calculation Report-Performed by Harold E. Rupp, P.E. (Florida No. 15935.)

See additional Pages of Certification for Certified Product Line Matrix(s) and Installation Details. If you have any questions regarding this certification, please contact NAMI at (757)594-8658.

National Accreditation & Management Institute, Inc.
11870 Merchants Walk Suite 202-Newport News, VA 23606
TEL(757) 594.8658 FAX(757)594-8659

NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-Page 3
Certification Date: 07/23/2005
Expiration Date: 12/31/2008

Product: Wood-Edge Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: PA 201-94/202-94/203-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.Namincertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Opaque	3'0" x 6'8"	+76/-76	Yes	NCTL-210-2929-1 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
X Single	O/S	Opaque	3'0" x 6'8"	+76/-76	Yes	NCTL-210-2929-1 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XX Double	I/S	Opaque	6'0" x 6'8"	+55/-55	Yes	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XX Double	O/S	Opaque	6'0" x 6'8"	+55/-55	Yes	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XO/OX Single w/Sidelite	I/S	Opaque Door Glazed Sidelite	6'0" x 6'8"	+55/-55	Door-Yes Sidelite-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XO/OX Single w/Sidelites	O/S	Opaque Door Glazed Sidelite	6'0" x 6'8"	+55/-55	Door-Yes Sidelite-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXO Single w/Sidelites	I/S	Opaque Door Glazed Sidelites	9'0" x 6'8"	+55/-55	Door-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXO Single w/Sidelites	O/S	Opaque Door Glazed Sidelites	9'0" x 6'8"	+55/-55	Door-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXOX Double w/Sidelites	I/S	Opaque Doors Glazed Sidelites	12'4" x 6'8"	+55/-55	Doors-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXOX Double w/Sidelites	O/S	Opaque Doors Glazed Sidelites	12'4" x 6'8"	+55/-55	Doors-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606
Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-Page 4
Certification Date: 07/23/2005
Expiration Date: 12/31/2008

Product: Wood-Edge Steel Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: PA201-94/202-94/203-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.NamIcertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Opaque	3'0" x 8'0"	+70/-70	Yes	NCTL-210-3121-1/CTLA919W Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
X Single	O/S	Opaque	3'0" x 8'0"	+70/-70	Yes	NCTL-210-3121-1/CTLA919W Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XX Double	I/S	Opaque	6'0" x 8'0"	+45/-50	Yes	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XX Double	O/S	Opaque	6'0" x 8'0"	+50/-45	Yes	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XO/OX Single w/Sidelite	I/S	Opaque Door Glazed Sidelite	6'0" x 8'0"	+45/-50	Door-Yes Sidelite-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XO/OX Single w/Sidelites	O/S	Opaque Door Glazed Sidelite	6'0" x 8'0"	+50/-45	Door-Yes Sidelite-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXO Single w/Sidelites	I/S	Opaque Door Glazed Sidelites	9'0" x 8'0"	+45/-50	Door-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXO Single w/Sidelites	O/S	Opaque Door Glazed Sidelites	9'0" x 8'0"	+50/-45	Door-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXOX Double w/Sidelites	I/S	Opaque Doors Glazed Sidelites	12'4" x 8'0"	+45/-50	Doors-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXOX Double w/Sidelites	O/S	Opaque Doors Glazed Sidelites	12'4" x 8'0"	+50/-45	Doors-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606
Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-Page 5
Certification Date: 07/23/2005
Expiration Date: 12/31/2008

Product: Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: PA 202-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.Namincertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Glazed	3'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
X Single	O/S	Glazed	3'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XX Double	I/S	Glazed	6'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XX Double	O/S	Glazed	6'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XO/OX Single w/Sidelite	I/S	Glazed Door Glazed Sidelite	6'0" x 6'8"	+50.5/-50.5	Door-No Sidelite-No	NCTL-210-2930-7 MA-WL0115/16/17/18/19/20/21-02 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XO/OX Single w/Sidelites	O/S	Glazed Door Glazed Sidelite	6'0" x 6'8"	+50.5/-50.5	Door-No Sidelite-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXO Single w/Sidelites	I/S	Glazed Door Glazed Sidelites	9'0" x 6'8"	+50.5/-50.5	Door-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXO Single w/Sidelites	O/S	Glazed Door Glazed Sidelites	9'0" x 6'8"	+50.5/-50.5	Door-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXOX Double w/Sidelites	I/S	Glazed Doors Glazed Sidelites	12'6" x 6'8"	+50.5/-50.5	Doors-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXOX Double w/Sidelites	O/S	Glazed Doors Glazed Sidelites	12'6" x 6'8"	+50.5/-50.5	Doors-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606
Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-Page 6
Certification Date: 07/23/2005
Expiration Date: 12/31/2008

Product: Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: PA 202-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.Namincertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Glazed	3'0" x 8'0"	+40/-45	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
X Single	O/S	Glazed	3'0" x 8'0"	+45/-40	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XX Double	I/S	Glazed	6'0" x 8'0"	+40/-45	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XX Double	O/S	Glazed	6'0" x 8'0"	+45/-40	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XO/OX Single w/Sidelite	I/S	Glazed Door Glazed Sidelite	6'0" x 8'0"	+40/-45	Door-No Sidelite-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XO/OX Single w/Sidelites	O/S	Glazed Door Glazed Sidelite	6'0" x 8'0"	+45/-40	Door-No Sidelite-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXO Single w/Sidelites	I/S	Glazed Door Glazed Sidelites	9'0" x 8'0"	+40/-45	Door-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXO Single w/Sidelites	O/S	Glazed Door Glazed Sidelites	9'0" x 8'0"	+45/-40	Door-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXXO Double w/Sidelites	I/S	Glazed Doors Glazed Sidelites	12'6" x 8'0"	+40/-45	Doors-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXXO Double w/Sidelites	O/S	Glazed Doors Glazed Sidelites	12'6" x 8'0"	+45/-40	Doors-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606
Tel-757.594.8658/Fax-757.594.8659

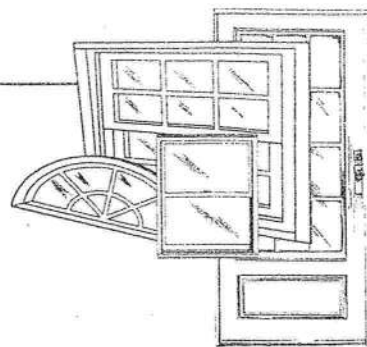
NAMI AUTHORIZED SIGNATURE:



Summary of Products		
FL #	Model, Number or Name	Description
7474.1	Series 3180 Vinyl Fixed Window	Series 3180 Vinyl Fixed Window O Configuration Up to 48" x 72"
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50 /-50 Other:		Certification Agency Certificate FL7474_R0_C_CAC_NI006586.pdf Installation Instructions FL7474_R0_II_FL_00013A.pdf Verified By: Luis R. Lomas P.E. FL 62514

CERTIFIED TESTING LABORATORIES

Architectural Division • 7252 Narcoossee Rd. • Orlando, FL 32822
(407) 384-7744 • Fax (407) 384-7751
Web Site: www.ctlarch.com
E-mail: ctlarch.com



Report Number: CTLA-1038W-2-AWT
Report Date: March 4, 2003

STRUCTURAL PERFORMANCE TEST REPORT

Client: ACTION WINDOOR TECHNOLOGY INC.
1312 W. CROSBY ROAD
CARROLLTON, TX 75006

Product Type and Series: AWT Series 3180 Vinyl Fin Frame Picture Window F-R80 (48"x 72")

Test Specifications: AAMA/NWDA 101/I.S.2-97 "Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors"

Frame: Vinyl Fin frame measured 47.50" wide x 71.50" high overall. Mitered corner weld construction. Clear lite measured 44.50" wide x 68.50" high.

Ventilator: N/A

Weather Stripping: N/A
Hardware & Location: N/A

Glazing: 3/4" insulated annealed glass consisting of .1875" glass .375" air space with swiggle .1875" glass. Sash exterior glazed. Fixed lite interior glazed adhesive foam strip backbedding and vinyl snap in glazing bead.

Sealant: A silicone type sealant was used at frame corners and to seal specimen to test buck.

Weep System: N/A
Muntins: N/A

Reinforcement: N/A

Additional Description: N/A
Screen: N/A

Installation: Twenty-eight (28) 1.75" roofing nails were used to secure the specimen to the wood test buck. Six (6) were located in head and sill measuring 5.50", 13", 20.625", 28.25", 35.875" and 43.50" from left jamb. Eight (8) were located in each jamb measuring 5.50", 14", 22.75", 31.50", 40", 48.75", 57.75" and 66.50" from sill.

Surface Finish: White Vinyl

Comment: Nominal 2 mil polyethylene film was used to seal against air leakage during structural loads. The film was used in a manner that did not influence the test results.

Performance Test Results

<u>Paragraph No</u>	<u>Title of Test</u>	<u>Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration @1.57 psf	ASTM E283-91	.02 cfm/ft ²	.34 cfm/ft ²
The tested specimen meets or exceeds the performance levels specified in AAMA/NWWDA 101/I.S.2-97. Results recorded in two (2) decimals at the clients request.				
2.1.3	Water Resistance @ 5.0 gph/ft ²	ASTM E547-93 Four (4) five (5) minute cycles	No Entry	No Entry
	WTP= 13.5 psf	ASTM E331-93 Fifteen (15) minute duration	No Entry	No Entry
2.1.4.2	Uniform Load Structural Permanent Deformation @ 120 psf positive @ 120 psf negative	ASTM E330-90 Ten (10) second load	Neg. Neg.	.192" .192"
2.1.7	Welded Corner Test	AAMA/NWWDA 101/ IS2-97	Passed	
2.1.8	Forced Entry Resistance Test D Window Assemblies This specimen as tested complies to a grade 10-T ¹ =5 minutes Tools used: A spatula (10.1.1.1) and a piece of stiff wire (10.1.3.2)	ASTM F 588-97	Passed	

Test Date January 28, 2003

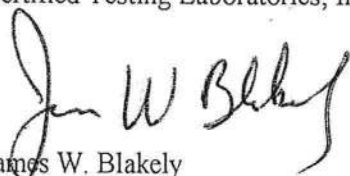
Test Completion Date: January 28, 2003

Remarks: Detailed drawings were available for laboratory records and comparison to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by CTL for a period of four (4) years. The results obtained apply only to the specimen tested.

This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.

Certified Testing Laboratories assumes that all information provided by the client is accurate and that the physical and chemical properties of the components are as stated by the manufacturer.

Certified Testing Laboratories, Inc.



James W. Blakely
Vice President
Architectural Division

cc: Action Windoor Technology Inc. (3)
File (1)

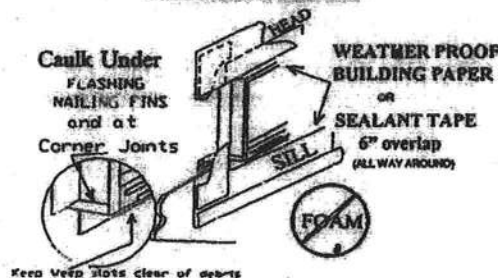
INSTALLATION INSTRUCTIONS ROUGH OPENING

Be sure to Check your window series size for correct call-out size.

FLASHING & INSTALLATION

1. All series of windows rough openings will be call out with exception of series 4300. Series 4300 rough opening requires $\frac{1}{2}$ " added to width and height.
2. **SILL:** Cut weather resistant building material (minimum 6" wide) to fit horizontally immediately below the sill extending 6" past each side of rough opening. Apply sealant to top lip of flashing and fasten across top. Leave bottom of sill flashing loose for further wall treatment.
3. **INSTALL WINDOW:** Apply sealant around interior side of nailing fin and to outside joints at each corner of the window. Use shim blocks as necessary to sit window level and square. Fasten with $1\frac{1}{2}$ " galvanized roofing nails or #8 sheet metal screws no less than 3" from corners and maximum 12" apart. Fasteners must be driven straight into wall, not at angle. Do not use power nailers as they may damage and bow nailing fin. Test opening sash during process.
4. **JAMBS:** Next, cut and apply sealant to edge of 6" weatherproof building material and fasten over window jamb nailing s. Jamb flashing should extend six inches above head and below sill.
5. **HEAD:** Apply sealant and fasten 6" weatherproof building material over window head nailing fin and extending on each side 6" to cover jamb flashing.
6. **NAILING:** Nailing fin is not a water-moisture barrier.
7. **COOLING -- HEATING:** Vents facing windows can cause excessive condensation to form.

FLASHING GUIDE



ATTENTION

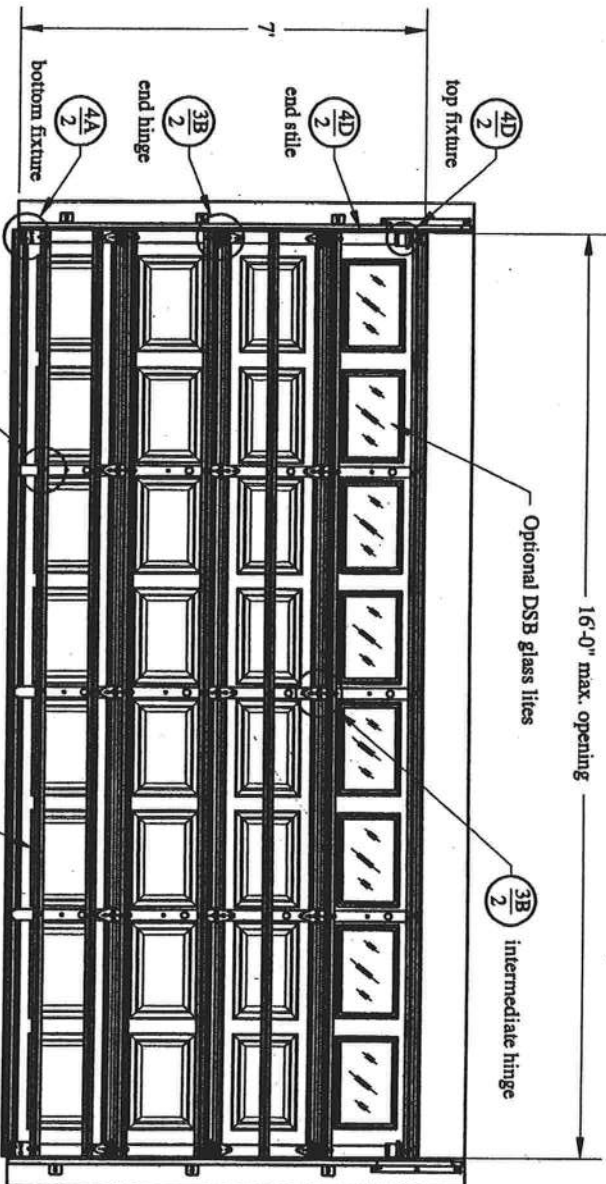
Action Window Technology recognizes the California Association of Window Manufacturers (CAWM) Practice of Window Installation in Wood Frame Construction.

Proper flashing, or sealing, is necessary as a secondary barrier to stop water from entering between the window frame and rough opening. It is not Action Window Technology's responsibility to design or recommend a flashing system appropriate to each job condition.

The responsibility for properly installing a flashing system into a weather resistant barrier for the entire building is the responsibility of the General Contractor or his agent.

Action Window Technology guidelines do not supercede Federal, State or local codes.

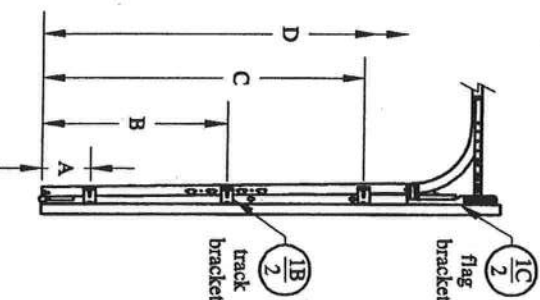
CONSULT WITH LOCAL BUILDING CODES BEFORE INSTALLATION.



Door Model	Gauge	Decimal
2250/2251	25	.0185
4250/4251	25	.0185
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225

door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	7	3
7'-6" to 8'-0"	5	8	4
8'-3" to 8'-9"	5	9	4
9'-0" to 10'-6"	6	11	5
10'-9" to 12'-3"	7	13	6
12'-6" to 14'-0"	8	15	7

Refer to Supplemental Instructions for strut placement on doors over 7'-0" high



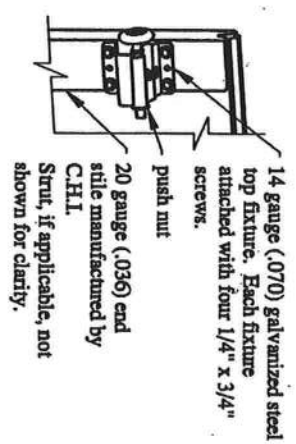
Track Bracket Chart		door height								
track brackets		6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
D	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"	
C	60"	63"	66"	58"	55"	58"	60"	63"	66"	
B	35"	35"	38"	34"	31"	34"	32"	35"	38"	
A	10"	7"	10"	10"	7"	10"	4"	7"	10"	

Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

This door has been tested in accordance with ANSI/DASMA 108-2002.
 Design Pressure (DP): 18.5 psf / 20.7 neg
 Test Pressure (TP): 27.8 psf / 31.1 neg
 Per 2004 FBC Table 1609.6E, DP meets or exceeds basic wind speed of:
 V = 110 MPH for Exposure B and mean roof height of 30' or less
 V = 93 MPH for Exposure C and mean roof height of 30' or less
 Maximum door size: 16'-0" wide by 14'-0" tall
 Glazing and door have not been tested for windborne debris.
 Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.
 If door is not electrically operated, a lock must be installed.

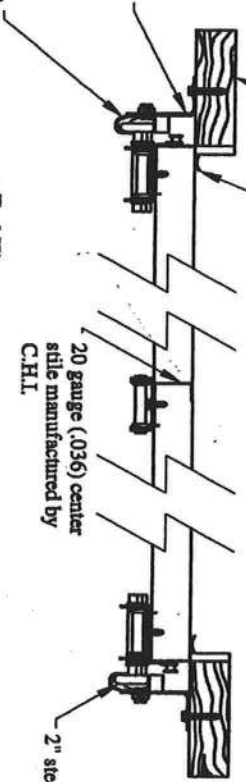
Professional Engineer's seal provided only for verification of windload construction details

John E. Seates, P.E.
 1411 LeMay Street #205
 Carrollton, Texas 75007
 Florida P.E. # 51737



The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16\" x 1-5/8\" wood lag screw per bracket.

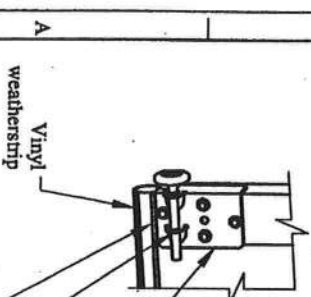


2\" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4\" x 5/8\" track bolt and nut.

2\" steel track roller.

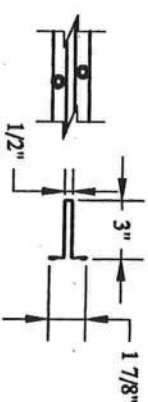
End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4\" x 3/4\" screws.
push nut

Intermediate Hinge
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4\" x 3/4\" screws.



12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4\" x 3/4\" screws.

20 gauge (.034) 33 ksi galvanized steel 3\" strut attached with two 1/4\" x 3/4\" screws per stile or hinge plate.



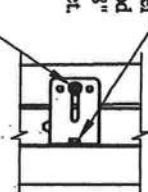
12 gauge (.086) galvanized steel flag bracket fastened to wood jamb with three 5/16\" x 1-5/8\" wood lag screws.

Flag bracket attached to horizontal track with two 1/4\" x 5/8\" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4\" x 5/8\" track bolts and nuts.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16\" x 1-5/8\" wood lag screw per bracket.

Each track bracket attached with one 1/4\" x 5/8\" track bolt and nut. Or two 1/4\" x 11/32\" rivets.



Details on some views may have been omitted for clarity.

Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
Page 2 of 2

John E. Seates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

FLORIDA DEPARTMENT OF Community Affairs



Community
Affairs

[BCIS Home](#) | [Log In](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [F&C Staff](#) | [BCIS Site](#)



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#)

Search Criteria

Code Version	2004	FL#	ALL
Application Type	ALL	Product Manufacturer	Elk Corpor.
Category	Roofing	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL

Search Results - Applications

FL#	Type	Manufacturer	Validated By
FL586-R2 History	Revision	Elk Corporation Category: Roofing Subcategory: Asphalt Shingles	
FL728-R1 History	Revision	Elk Corporation Category: Roofing Subcategory: Asphalt Shingles	
FL1476-R2 History	Revision	Elk Corporation Category: Roofing Subcategory: Asphalt Shingles	
FL2143-R2 History	Revision	Elk Corporation Category: Roofing Subcategory: Asphalt Shingles	
FL3453-R1 History	Revision	Elk Corporation Category: Roofing Subcategory: Underlayments	
FL3461-R2 History	Revision	Elk Corporation Category: Roofing Subcategory: Underlayments	PRI Asphalt Technologies, Inc (813) 621-5777
FL5178	New	Elk Corporation Category: Roofing Subcategory: Other	
FL5511-R1 History	Revision	Elk Corporation Category: Roofing Subcategory: Underlayments	
FL5524	New	Elk Corporation Category: Roofing Subcategory: Asphalt Shingles	
FL5683	New	Elk Corporation Category: Roofing Subcategory: Asphalt Shingles	
FL5783	New	Elk Corporation Category: Roofing	PRI Asphalt Technologies, Inc (813) 621-5777



NEW! ELK® ROOFING SYSTEMS OFFER A COMPLETE LINE OF ELK® ROOFING PRODUCTS



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE®

**Prestique Plus High Definition
and Prestique Gallery Collection™**

Product size	13K x 39K	50-year limited warranty period:
Exposure	55"	5-7 years non-prorated coverage for
Pieces/Bundle	18	shingles and application labor with
Bundles/Square	4/98.5 sq.ft.	prorated coverage for remainder of
Squares/Pallet	11	limited warranty period, plus an
		option for transferability*. 5-year
		limited wind warranty*. Wind
		Coverage: standard 90 mph, extended
		110 mph***

Raised Profile

Product size	13K x 39K	20-year limited warranty period:
Exposure	55"	5-7 years non-prorated coverage for
Pieces/Bundle	22	shingles and application labor with
Bundles/Square	2/100 sq.ft.	prorated coverage for remainder of
Squares/Pallet	18	limited warranty period, plus an
		option for transferability*. 5-year
		limited wind warranty*. Wind
		Coverage: standard 70 mph.

Prestique I High Definition

Product size	13K x 39K	40-year limited warranty period:
Exposure	55"	5-7 years non-prorated coverage for
Pieces/Bundle	18	shingles and application labor with
Bundles/Square	4/98.5 sq.ft.	prorated coverage for remainder of
Squares/Pallet	14	limited warranty period, plus an
		option for transferability*. 5-year
		limited wind warranty*. Wind
		Coverage: standard 90 mph, extended
		90 mph***

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™	Vented RidgeCrest™ w/FLX™
Size: 12" x 12"	Size: 12" x 13K"
Exposure: 85"	Exposure: 9 1/4"
Pieces/Bundle: 45	Pieces/Box: 28
Coverage: 4 Bundles = 100 linear feet	Coverage: 5 boxes = 100 linear feet

Prestique High Definition

Product size	13K x 39K	30-year limited warranty period:
Exposure	55"	5-7 years non-prorated coverage for
Pieces/Bundle	22	shingles and application labor with
Bundles/Square	2/100 sq.ft.	prorated coverage for remainder of
Squares/Pallet	16	limited warranty period, plus an
		option for transferability*. 5-year
		limited wind warranty*. Wind
		Coverage: standard 80 mph.

Elk Starter Strip
52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
18 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Weatheredwood, Shakeswood, Sablewood, Hickory, Barkwood, Fennel Green, Wedgwood, Birchwood, Sandwood.
Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard™ treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL Wind Resistant (UL 987) and Class "A" Fire Ratings (UL 790);
and ASTM Specifications D 3918, Type-I; D 3161, Type-C; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

*See actual limited warranty for conditions and limitations.

**Effective January 1, 2008, the seven year non-prorated Underlayment Coverage Period applies only where a hot 15# Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's specifications (see website for each product). A hot 15# roof system includes Elk hip and ridge shingles on all hips and ridges, Elk Starter Strip along all eaves and gable edges, an Elk ventilation system, and Elk All-Climate Seal-A-Ridge Underlayment in all valleys. Additionally, Elk All-Climate Seal-A-Ridge Underlayment is required along the eaves and gable edges of the roof in and north of the states of VA, KY, MD, KS, CO, UT, WY & OR.

***For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grand, at least 5/8" (6) properly placed nails and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

Scope: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.52mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater; apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes (4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two pieces of underlayment overlapped a minimum of 18". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tusslenloose plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

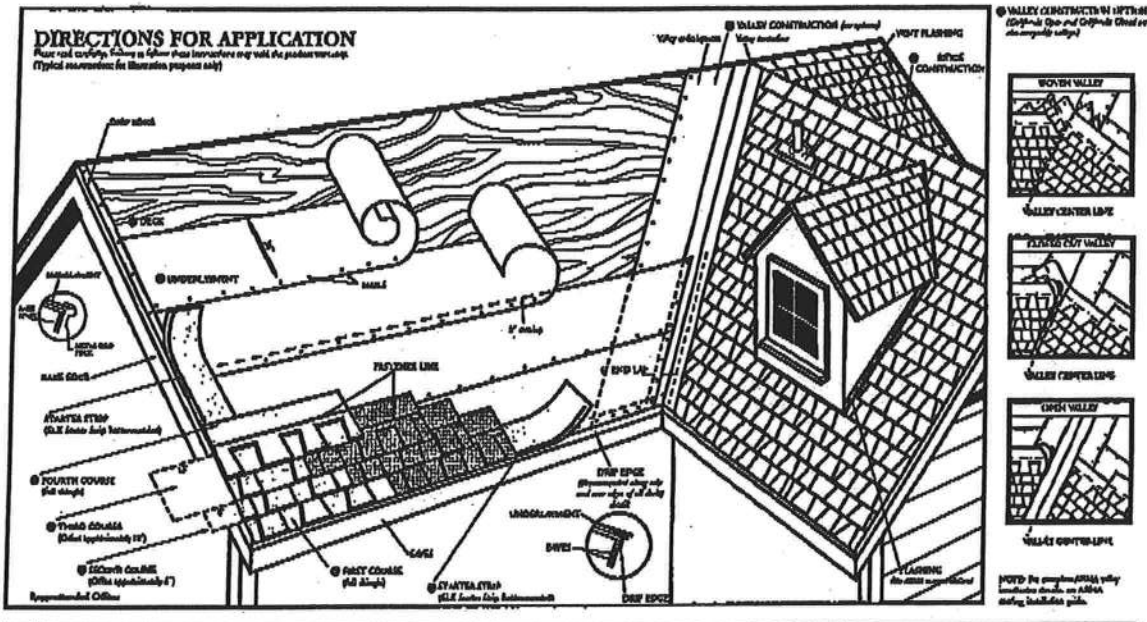
For specifications in CSI format, call 800.354.SPEC (7733) or e-mail specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

ELK®
The Premium Choice®
www.elkcorp.com
55001 OG/04



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet ERK's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will ERK accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All tiles should be properly ventilated. Now: It is not necessary to remove tape on back of shingle.

④ DECK PREPARATION

Floor decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

© UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Elk Vertexhield™ or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slopes (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 1". Begin by fastening a 1" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the gables and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope 14/12 to less than 21/12, use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slopes (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two pieces of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

2 STARTER SINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 7" from the lower edge and 1" from each side.

► FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof.

► SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 5". Other offsets are approved if greater than 4".

3. THIRD COURSE

Offset the next course by 5" with respect to the second course, and consistent with the original offset.

FOURTH COURSE

FIFTH AND SUCCEEDING COURSES.

no significant application in shown for

Do not rack shingles straight up the roof. Offsets may be dictated around valleys and penetrations.

VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 5" of valley center.

⑤ LARGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z-Ridge or Seal-A-Ridge® with formula FLX® or RidgeCrest® with FLX (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the furthest line as a reference, nail or staple the shingle in the double thickness corner board area. For shingles without a fastener line, nails or staples must be placed between and/or in the corner area.

NAILS: Corrosive resistant, 30° head, minimum 12-gauge roofing nails. EIK recommends 1-3/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge in a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSAHD APPLICATIONS

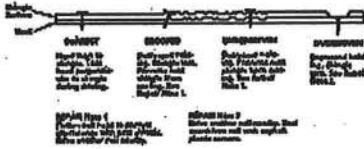
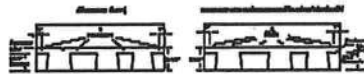
Correct fastening is critical to the performance of the roof. For slopes exceeding 80° for 21/12 use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- * For a Limited Wind Warranty, all Practique and Raised Profile® shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- * For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 80 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY.
- Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Practique Plus, Prestique Gallery Collection and Practique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Starter Strip or the Elk Starter Strip overlying the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the “fastener line” or on products without fastener lines, nail or staple between and in line with sawtooth dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Eik has specified.
All Prestique and Raised Profile shingles have a U.L.B. Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALE: Careless and improper storage or handling can harm fibreglass shingles. Keep them shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. **DO NOT DOUBLE STACK.** Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

ELK 
The Premium Choice!
www.elkcorp.com



Load Short Form Entire House

Touchstone Heating and Air, Inc.

Job: Mayfair Lot 7 Spec

Date: Jan 08, 2008

By: ell

P.O. Box 327, Lake Butler, FL 32054 Phone: 386-496-3467 Fax: 386-496-3147

Project Information

For: Stanley Crawford
853 SW Sisters Welcome Rd, Lake City, FL 32025
Phone: 386-752-5152 Fax: 386-755-2165

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	33	92	Method	Simplified
Inside db (°F)	68	75	Construction quality	Average
Design TD (°F)	35	17	Fireplaces	1 (Average)
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	52		

HEATING EQUIPMENT

Make Trane
Trade XR14 Weathertron
Model 2TWR4030A1

Efficiency 8 HSPF
Heating input
Heating output 28200 Btuh @ 47°F
Temperature rise 25 °F
Actual air flow 1020 cfm
Air flow factor 0.042 cfm/Btuh
Static pressure 0.00 in H2O
Space thermostat

COOLING EQUIPMENT

Make Trane
Trade XR14 Weathertron
Cond 2TWR4030A1
Coil TXC031S3

Efficiency 13 SEER
Sensible cooling 21420 Btuh
Latent cooling 9180 Btuh
Total cooling 30600 Btuh
Actual air flow 1020 cfm
Air flow factor 0.055 cfm/Btuh
Static pressure 0.00 in H2O
Load sensible heat ratio 0.68

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
WIC	72	1934	637	81	35
Master BR	216	2452	1995	103	109
Master Bath	136	1791	2580	75	141
Toilet	30	38	81	2	4
Hall	42	53	113	2	6
Kitchen	197	2824	2704	118	148
Dining	100	2645	1778	111	97
Living RM	381	3886	2927	163	160
BR 1	168	3515	2482	147	135
BR 2	144	3181	2364	133	129
Bath	77	1998	919	84	50
Hall 1	42	53	113	2	6

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

Entire House	1605	24369	18694	1020	1020
Other equip loads		6293	3057		
Equip. @ 0.97 RSM			21098		
Latent cooling			10348		
TOTALS	1605	30663	31446	1020	1020

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



Duct System Summary

Entire House

Touchstone Heating and Air, Inc.

Job: Mayfair Lot 7 Spec
Date: Jan 08, 2008
By: ell

P.O. Box 327, Lake Butler, FL 32054 Phone: 386-496-3467 Fax: 386-496-3147

Project Information

For: Stanley Crawford
853 SW Sisters Welcome Rd, Lake City, FL 32025
Phone: 386-752-5152 Fax: 386-755-2165

	Heating	Cooling
External static pressure	0.00 in H2O	0.00 in H2O
Pressure losses	0.15 in H2O	0.15 in H2O
Available static pressure	-0.1 in H2O	-0.1 in H2O
Supply / return available pressure	-0.07 / -0.07 in H2O	-0.07 / -0.07 in H2O
Lowest friction rate	0.880 in/100ft	0.880 in/100ft
Actual air flow	1020 cfm	1020 cfm
Total effective length (TEL)		0 ft

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
WIC	h 1934	81	35	0.880	5	0x0	VIFx	0.0	0.0	
Master BR	c 1995	103	109	0.880	6	0x0	VIFx	0.0	0.0	
Master Bath	c 2580	75	141	0.880	7	0x0	VIFx	0.0	0.0	
Toilet	c 81	2	4	0.880	4	0x0	VIFx	0.0	0.0	
Hall	c 113	2	6	0.880	4	0x0	VIFx	0.0	0.0	
Kitchen	c 2704	118	148	0.880	7	0x0	VIFx	0.0	0.0	
Dining	h 2645	111	97	0.880	6	0x0	VIFx	0.0	0.0	
Living RM	h 3886	163	160	0.880	8	0x0	VIFx	0.0	0.0	
BR 1	h 3515	147	135	0.880	7	0x0	VIFx	0.0	0.0	
BR 2	h 3181	133	129	0.880	7	0x0	VIFx	0.0	0.0	
Bath	h 1998	84	50	0.880	6	0x0	VIFx	0.0	0.0	
Hall 1	c 113	2	6	0.880	4	0x0	VIFx	0.0	0.0	

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x0	1020	1020	0.0	0.880	577	18	0x 0		VIFx	

Bold/italic values have been manually overridden



wrightsoft

Right-Suite Residential 8.0.90 RSR25972

C:\My Documents\Wrightsoft HVAC\Stanley Crawford\Stanley Crawford Mayfair Lot 7 Spec.rpt Calc = M

2008-Jan-08 11:01:44

Page 1

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☐	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specially designed by the registered design professional.
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation
☒	☐	
☒	☐	
☒	☐	

- ☐ ☐
- ☐ ☐
- ☒ ☐
- ☒ ☐

- ☒ ☐
- ☒ ☐
- ☒ ☐

- ☐ ☐
- ☒ ☐
- ☒ ☐

- ☐ ☐

- ☐ ☐

- ☒ ☐

- ☒ ☐

- ☒ ☐

- ☒ ☐

- ☒ ☐

- ☒ ☐

- ☒ ☐

- ☒ ☐

- ☒ ☐

- ☐ ☐

- ☐ ☐

- ☐ ☐

- ☐ ☐

- ☐ ☐

- ☐ ☐

- ☐ ☐

- ☒ ☐

- ☐ ☐

d) Location, size and height above roof of chimneys.

e) Location and size of skylights

f) Building height

c) Number of stories

Floor Plan including:

a) Rooms labeled and dimensioned.

b) Shear walls identified.

c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).

d) Show safety glazing of glass, where required by code.

e) Identify egress windows in bedrooms, and size.

f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).

g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.

h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.

b) All posts and/or column footing including size and reinforcing

c) Any special support required by soil analysis such as piling

d) Location of any vertical steel.

Roof System:

a) Truss package including:

1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.

2. Roof assembly (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

b) Conventional Framing Layout including:

1. Rafter size, species and spacing

2. Attachment to wall and uplift

3. Ridge beam sized and valley framing and support details

4. Roof assembly (FBC 106.1.1.2) Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

a) Masonry wall

1. All materials making up wall

2. Block size and mortar type with size and spacing of reinforcement

3. Lintel, tie-beam sizes and reinforcement

4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details

5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.

6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)

7. Fire resistant construction (if required)

8. Fireproofing requirements

9. Shoe type of termite treatment (termicide or alternative method)

10. Slab on grade

a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)

b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports

11. Indicate where pressure treated wood will be placed

12. Provide insulation R value for the following:

- a. Attic space
- b. Exterior wall cavity
- c. Crawl space (if applicable)

☒☐**b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiteicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☐☐**c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)****Floor Framing System:**

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout**Electrical layout including:**

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms
- h) Exhaust fans in bathroom

HVAC Information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**
Private Potable Water

☒☐☒☐☒☐☒☐☒☐☒☐

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: 1TDZ8228Z0409075851

0801.45

Truss Fabricator: Anderson Truss Company
Job Identification: 8-007--Stanley Crawford Construc Mayfair #7 -- , **
Truss Count: 49
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
the seal date per section 61G15-31.003(5a) of the FAC
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: HCUSR8228

Seal Date: 01/09/2008

-Truss Design Engineer-
James F. Collins Jr.

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

Details: BRCLBSUB-A11015EE-GBLLETIN-

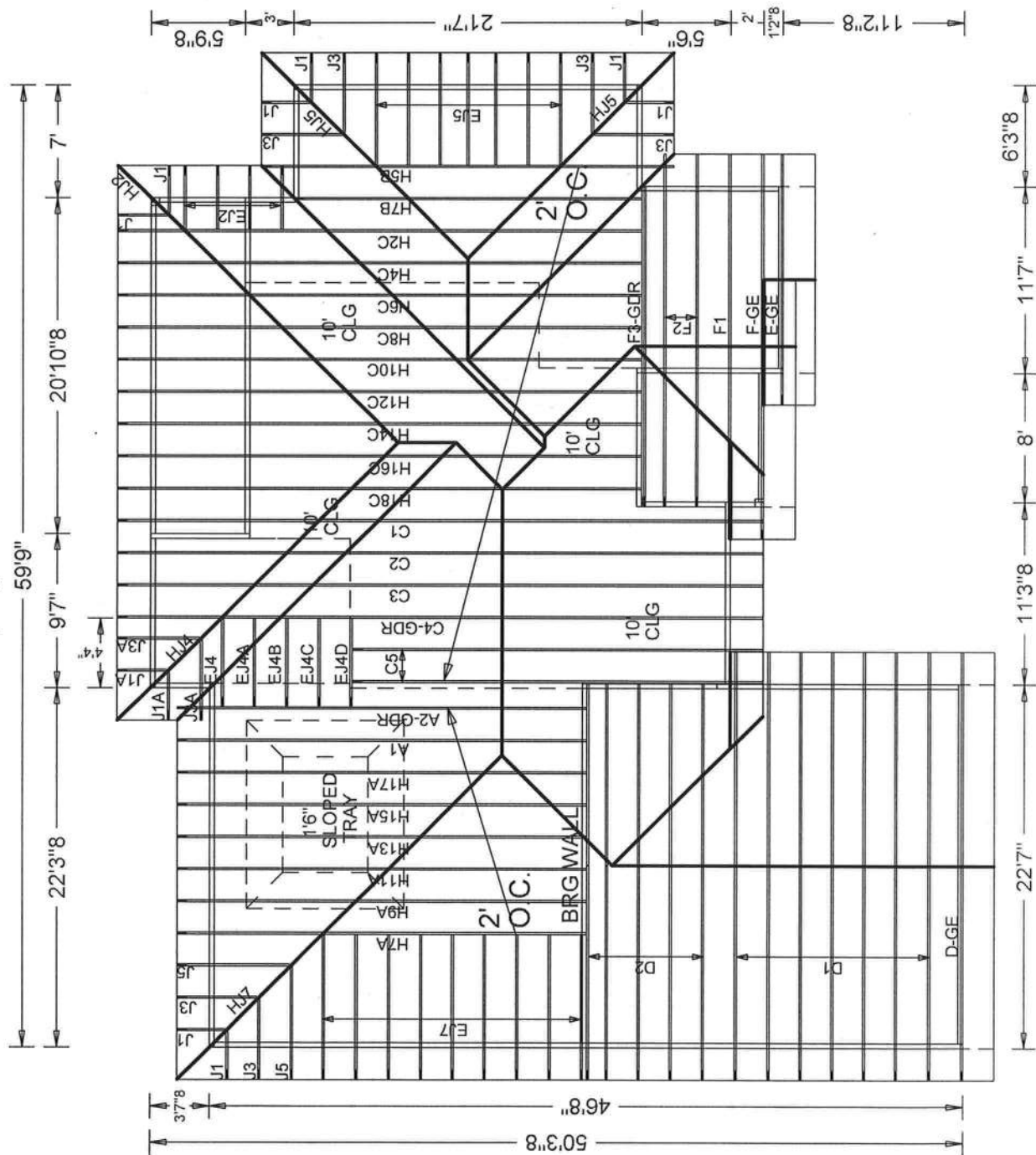
#	Ref	Description	Drawing#	Date
1	69968--H7A		08009001	01/09/08
2	69969--H9A		08009002	01/09/08
3	69970--H11A		08009003	01/09/08
4	69971--H13A		08009004	01/09/08
5	69972--H15A		08009005	01/09/08
6	69973--H17A		08009006	01/09/08
7	69974--A1		08009007	01/09/08
8	69975--A2-GDR		08009016	01/09/08
9	69976--H5B		08009023	01/09/08
10	69977--H7B		08009025	01/09/08
11	69978--H2C		08009024	01/09/08
12	69979--C4-GDR		08009045	01/09/08
13	69980--C5		08009014	01/09/08
14	69981--H4C		08009026	01/09/08
15	69982--H6C		08009027	01/09/08
16	69983--H8C		08009028	01/09/08
17	69984--H10C		08009029	01/09/08
18	69985--H12C		08009030	01/09/08
19	69986--H14C		08009031	01/09/08
20	69987--C1		08009034	01/09/08
21	69988--C2		08009035	01/09/08
22	69989--C3		08009036	01/09/08
23	69990--H16C		08009032	01/09/08
24	69991--H18C		08009033	01/09/08
25	69992--D1		08009046	01/09/08
26	69993--D2		08009047	01/09/08
27	69994--D-GE		08009048	01/09/08
28	69995--E-GE		08009037	01/09/08
29	69996--F1		08009039	01/09/08
30	69997--F-GE		08009038	01/09/08
31	69998--F2		08009040	01/09/08
32	69999--F3-GDR		08009041	01/09/08
33	70000--J1		08009017	01/09/08
34	70001--HJ7		08009042	01/09/08
35	70002--HJ5		08009021	01/09/08
36	70003--HJ2		08009022	01/09/08

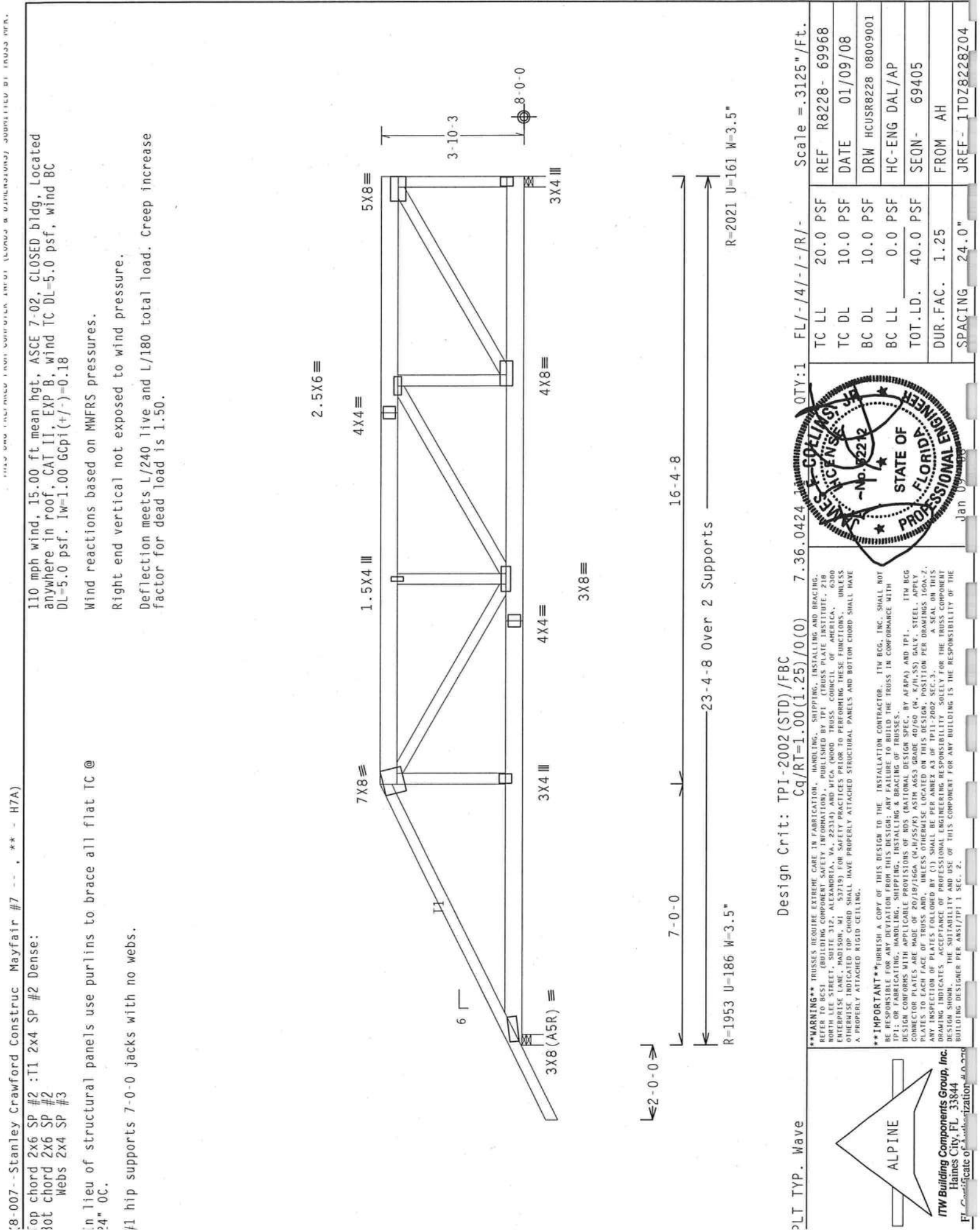
#	Ref	Description	Drawing#	Date
37	70004--EJ2		08009018	01/09/08
38	70005--J3		08009019	01/09/08
39	70006--EJ5		08009020	01/09/08
40	70007--EJ7		08008002	01/08/08
41	70008--J5		08009043	01/09/08
42	70009--J1A		08009008	01/09/08
43	70010--HJ4		08009044	01/09/08
44	70011--J3A		08009009	01/09/08
45	70012--EJ4		08009010	01/09/08
46	70013--EJ4A		08009011	01/09/08
47	70014--EJ4B		08009012	01/09/08
48	70015--EJ4C		08009013	01/09/08
49	70016--EJ4D		08009015	01/09/08



#8-007 STANLEY CRAWFORD- MAYFAIR #7

Roof Plane Sheathing Area = 3199 sq. ft
 Gable Sheathing Area = 92 sq. ft
 Total Sheathing Area = 3292 sq. ft
 Fascia Material = 272 linear ft
 Valley Flashing Material = 117 linear ft
 Ridge Cap Material = 76 linear ft
 Hip Ridge Material = 154 linear ft





18-007--Stanley Crawford Construc Mayfair #7 --, ** - H7A)

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

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

#1 hip supports 7'-0-0 jacks with no webs.

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. 1w=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Scale = .3125" / Ft.

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

QTY:1

FL/-/4/-/-/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 R8228 - 69968

DATE 01/09/08

DRW HCUR8228 08009001

HC-ENG DAL/AP

SEQN- 69405

FROM AH

JREF- 1TDZ8228Z04

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization

Top	chord	2x4	SP	#2	Dense
30t	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

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

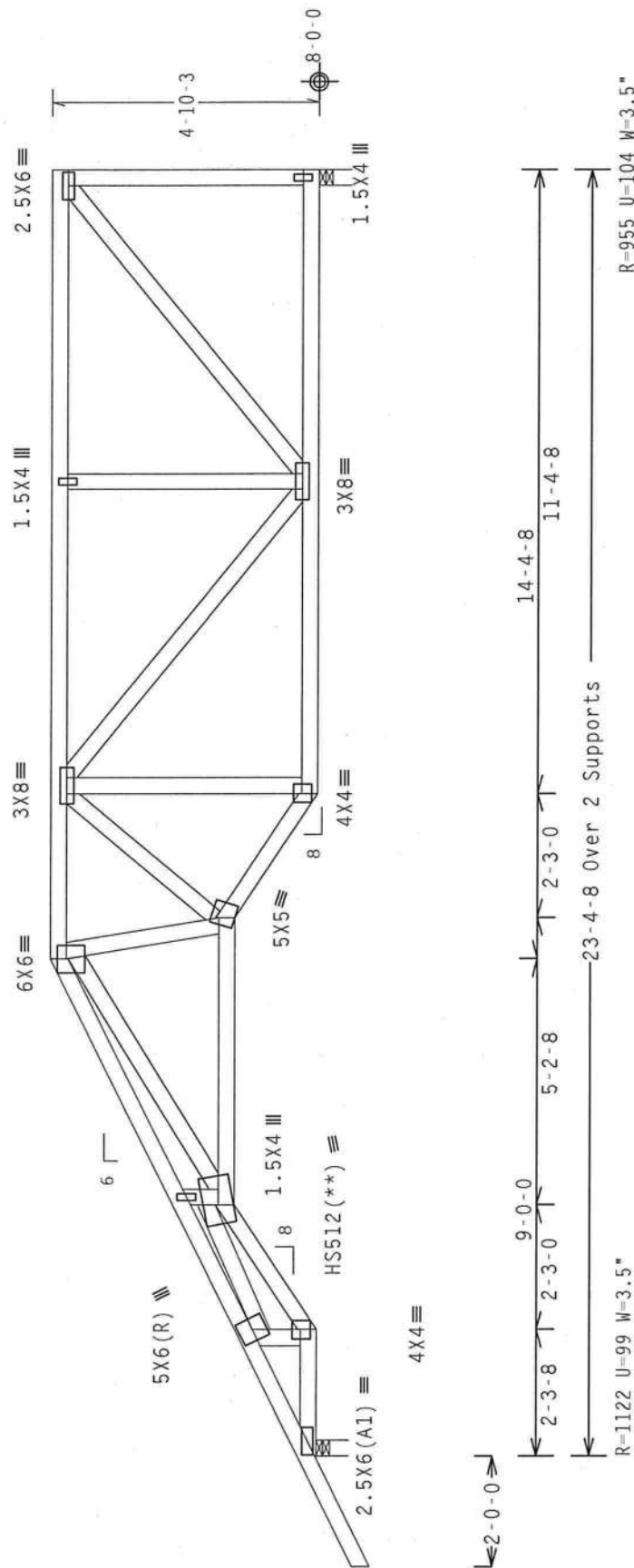
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



PLT TYP. 20 Gauge HS.Wave

Design Crit: TPI-2002(STD)/FBC

 $C_q/RT=1.00(1.25)/0(0)$

7.36.0424.11.

QTY:1 FI 1-141-1-1R1-

$$\text{Scale} = 3125''/\text{Ft}$$

TC LL	20.0	PSF	REF	R8228-	69969
TC DL	10.0	PSF	DATE	01/09/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08009002
BC LL	0.0	PSF	HC-ENG	DAL/AP	
TOT.LD.	40.0	PSF	SEQN-	69450	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TDZ8228	704



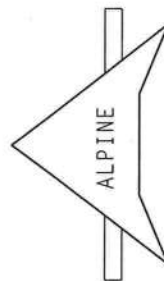
***WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE TRUSSES ARE PUBLISHED BY THE CRUSS PANEL INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30706, U.S.A. AMERICA. ENTERPRISE LABEL, WASHINGTON, MI 48279. FOR SAFETY PRACTICES PRIOR TO 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-TIN BCG, INC., SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, WELDING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTOR'S MUST COMPLY WITH ALL PROVISIONS OF AISC (NATIONAL DESIGN SPEC.) BY AREA) AND TP1. TIN BCG CONTRACTORS HAVE MADE 70% OF THE TRUSSES PERFORMED TO MEET THE REQUIREMENTS OF THE DESIGN.

PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 4.3 OF TP1-2002 SEC.2.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS CONSTRUCTION. NO OTHER PART OF THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBEX(1) 3 SEC.2.



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

James City, FL 33844
FL Certificate of Authorization #0070

Top chord 2x4 SP #2 Dense
3rd chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

(A) 1x4 #3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

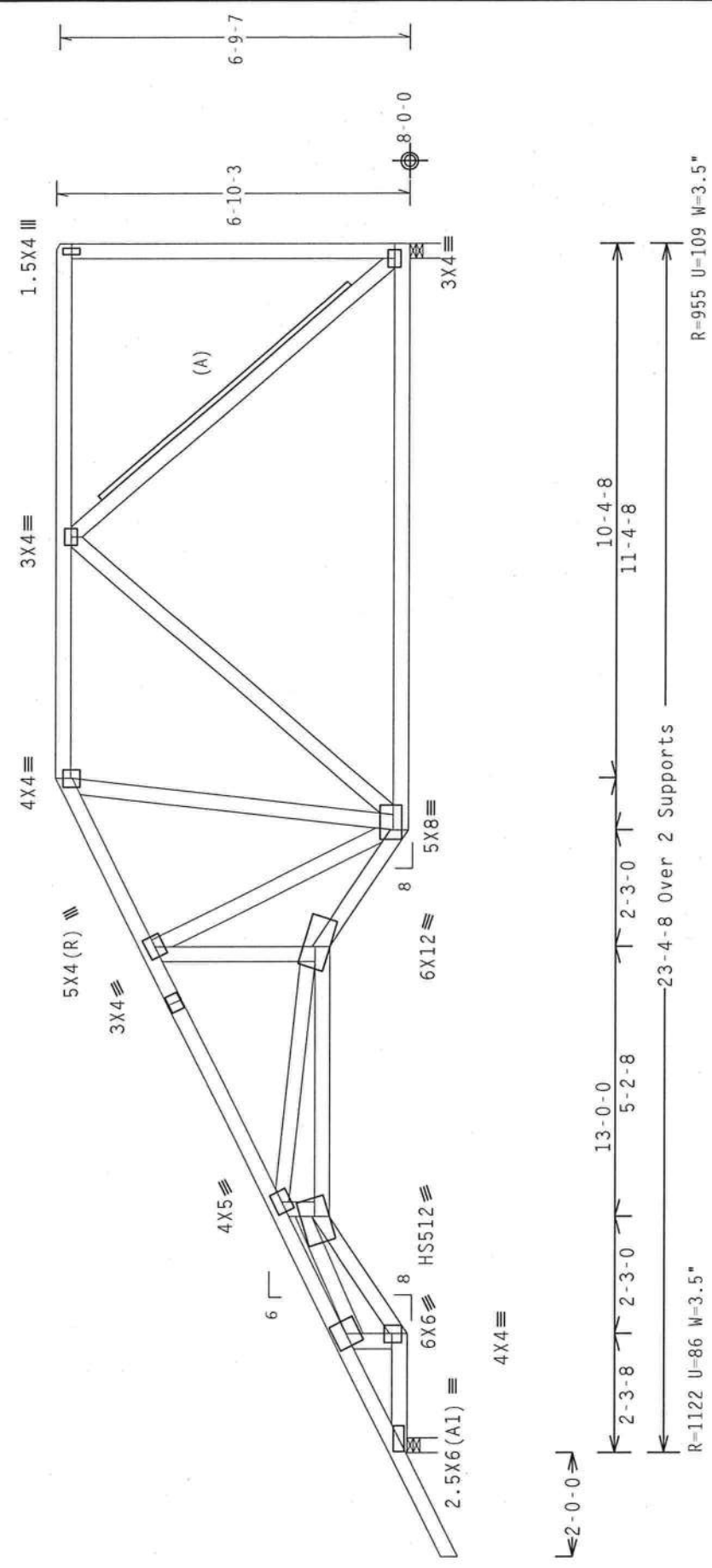
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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, 1w=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. 20 Gauge HS.Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

Scale = .3125"/Ft.

ALPINE		QTY:1		FL/-/4/-/4/-/R/-	Scale = .3125"/Ft.
REF R8228- 69971		TC LL		20.0 PSF	REF R8228- 69971
DATE 01/09/08		TC DL		10.0 PSF	DATE 01/09/08
DRW HCUSR8228 08009004		BC DL		10.0 PSF	DRW HCUSR8228 08009004
HC-ENG DAL/AP		BC LL		0.0 PSF	HC-ENG DAL/AP
SEQN- 69441		TOT.LD.		40.0 PSF	SEQN- 69441
FROM AH		DUR.FAC.		1.25	FROM AH
JREF- 1TDZ8228Z04		SPACING		24.0"	JREF- 1TDZ8228Z04

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 5300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND AISC (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 20/18/16GA (40/55/55) GALV. STEEL. APPLY 1TW BCG GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-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 ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0278

	Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense	
Web	2x4	SP	#3		

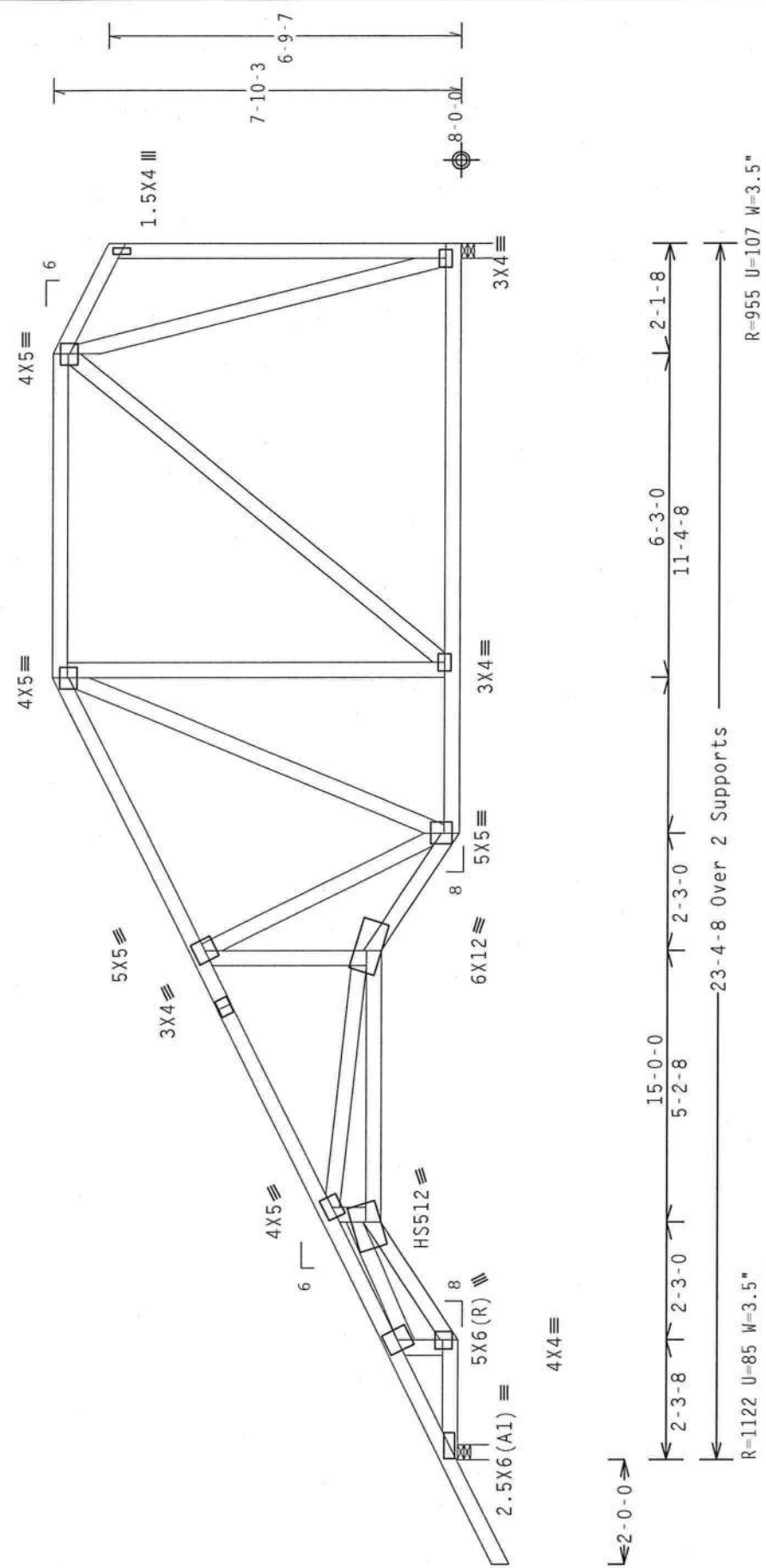
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCp(+/-)=0.18

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

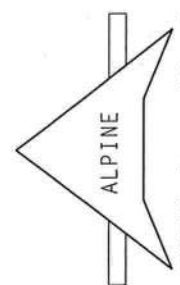


PLT TYP. 20 Gauge HS.Wave

QTY: 1 FL / - / 4 / - / - / R / -
Scale = .3125" / Ft.

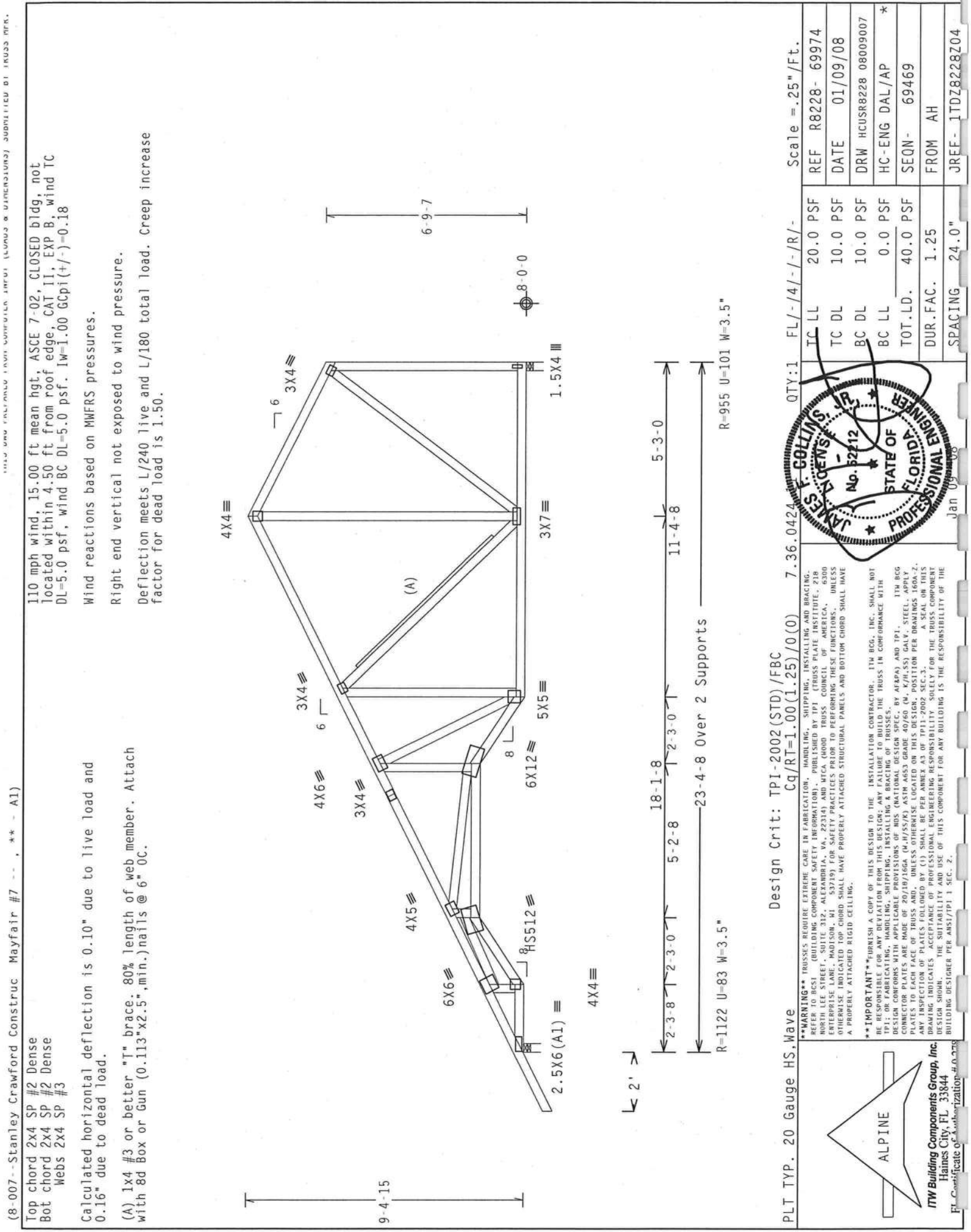
*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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, OR ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE TRUSS COMPONENTS. DESIGN CONSIDERATIONS WITH APPLICABLE PROVISIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DESIGN GUIDE 1, PART 1, AND THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DESIGN GUIDE 2, PART 1, SHALL BE USED. THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING LOADS: DEAD LOAD (DL), LIVE LOAD (LL), WIND LOAD (WL), AND SEISMIC LOAD (SL). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING MOMENTS: DEAD MOMENT (MDL), LIVE MOMENT (MLL), WIND MOMENT (MWL), AND SEISMIC MOMENT (MSL). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING SHEARS: DEAD SHEAR (V_{DL}), LIVE SHEAR (V_{LL}), WIND SHEAR (V_{WL}), AND SEISMIC SHEAR (V_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING AXIAL FORCES: DEAD AXIAL FORCE (P_{DL}), LIVE AXIAL FORCE (P_{LL}), WIND AXIAL FORCE (P_{WL}), AND SEISMIC AXIAL FORCE (P_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING TORSIONS: DEAD TORSION (T_{DL}), LIVE TORSION (T_{LL}), WIND TORSION (T_{WL}), AND SEISMIC TORSION (T_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING ROTATIONS: DEAD ROTATION (R_{DL}), LIVE ROTATION (R_{LL}), WIND ROTATION (R_{WL}), AND SEISMIC ROTATION (R_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING DISPLACEMENTS: DEAD DISPLACEMENT (D_{DL}), LIVE DISPLACEMENT (D_{LL}), WIND DISPLACEMENT (D_{WL}), AND SEISMIC DISPLACEMENT (D_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING VIBRATIONS: DEAD VIBRATION (V_{DL}), LIVE VIBRATION (V_{LL}), WIND VIBRATION (V_{WL}), AND SEISMIC VIBRATION (V_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING FATIGUE: DEAD FATIGUE (F_{DL}), LIVE FATIGUE (F_{LL}), WIND FATIGUE (F_{WL}), AND SEISMIC FATIGUE (F_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING CORROSION: DEAD CORROSION (C_{DL}), LIVE CORROSION (C_{LL}), WIND CORROSION (C_{WL}), AND SEISMIC CORROSION (C_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING CRACKING: DEAD CRACKING (CR_{DL}), LIVE CRACKING (CR_{LL}), WIND CRACKING (CR_{WL}), AND SEISMIC CRACKING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING SLOTTING: DEAD SLOTTING (S_{DL}), LIVE SLOTTING (S_{LL}), WIND SLOTTING (S_{WL}), AND SEISMIC SLOTTING (S_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING BUCKLING: DEAD BUCKLING (B_{DL}), LIVE BUCKLING (B_{LL}), WIND BUCKLING (B_{WL}), AND SEISMIC BUCKLING (B_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING TENSILE RYLLING: DEAD TENSILE RYLLING (TR_{DL}), LIVE TENSILE RYLLING (TR_{LL}), WIND TENSILE RYLLING (TR_{WL}), AND SEISMIC TENSILE RYLLING (TR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING COMPRESSIVE RYLLING: DEAD COMPRESSIVE RYLLING (CR_{DL}), LIVE COMPRESSIVE RYLLING (CR_{LL}), WIND COMPRESSIVE RYLLING (CR_{WL}), AND SEISMIC COMPRESSIVE RYLLING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING SHEAR RYLLING: DEAD SHEAR RYLLING (SR_{DL}), LIVE SHEAR RYLLING (SR_{LL}), WIND SHEAR RYLLING (SR_{WL}), AND SEISMIC SHEAR RYLLING (SR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING TORSIONAL RYLLING: DEAD TORSIONAL RYLLING (TR_{DL}), LIVE TORSIONAL RYLLING (TR_{LL}), WIND TORSIONAL RYLLING (TR_{WL}), AND SEISMIC TORSIONAL RYLLING (TR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING ROTATIONAL RYLLING: DEAD ROTATIONAL RYLLING (RR_{DL}), LIVE ROTATIONAL RYLLING (RR_{LL}), WIND ROTATIONAL RYLLING (RR_{WL}), AND SEISMIC ROTATIONAL RYLLING (RR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING DISPLACEMENTAL RYLLING: DEAD DISPLACEMENTAL RYLLING (DR_{DL}), LIVE DISPLACEMENTAL RYLLING (DR_{LL}), WIND DISPLACEMENTAL RYLLING (DR_{WL}), AND SEISMIC DISPLACEMENTAL RYLLING (DR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING VIBRATIONAL RYLLING: DEAD VIBRATIONAL RYLLING (VR_{DL}), LIVE VIBRATIONAL RYLLING (VR_{LL}), WIND VIBRATIONAL RYLLING (VR_{WL}), AND SEISMIC VIBRATIONAL RYLLING (VR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING FATIGURAL RYLLING: DEAD FATIGURAL RYLLING (FR_{DL}), LIVE FATIGURAL RYLLING (FR_{LL}), WIND FATIGURAL RYLLING (FR_{WL}), AND SEISMIC FATIGURAL RYLLING (FR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING CORROSIONAL RYLLING: DEAD CORROSIONAL RYLLING (CR_{DL}), LIVE CORROSIONAL RYLLING (CR_{LL}), WIND CORROSIONAL RYLLING (CR_{WL}), AND SEISMIC CORROSIONAL RYLLING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING CRACKINGAL RYLLING: DEAD CRACKINGAL RYLLING (CR_{DL}), LIVE CRACKINGAL RYLLING (CR_{LL}), WIND CRACKINGAL RYLLING (CR_{WL}), AND SEISMIC CRACKINGAL RYLLING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING SLOTTINGAL RYLLING: DEAD SLOTTINGAL RYLLING (SR_{DL}), LIVE SLOTTINGAL RYLLING (SR_{LL}), WIND SLOTTINGAL RYLLING (SR_{WL}), AND SEISMIC SLOTTINGAL RYLLING (SR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING BUCKLINGAL RYLLING: DEAD BUCKLINGAL RYLLING (BR_{DL}), LIVE BUCKLINGAL RYLLING (BR_{LL}), WIND BUCKLINGAL RYLLING (BR_{WL}), AND SEISMIC BUCKLINGAL RYLLING (BR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING TENSILE RYLLINGAL RYLLING: DEAD TENSILE RYLLINGAL RYLLING (TR_{DL}), LIVE TENSILE RYLLINGAL RYLLING (TR_{LL}), WIND TENSILE RYLLINGAL RYLLING (TR_{WL}), AND SEISMIC TENSILE RYLLINGAL RYLLING (TR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING COMPRESSIVE RYLLINGAL RYLLING: DEAD COMPRESSIVE RYLLINGAL RYLLING (CR_{DL}), LIVE COMPRESSIVE RYLLINGAL RYLLING (CR_{LL}), WIND COMPRESSIVE RYLLINGAL RYLLING (CR_{WL}), AND SEISMIC COMPRESSIVE RYLLINGAL RYLLING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING SHEAR RYLLINGAL RYLLING: DEAD SHEAR RYLLINGAL RYLLING (SR_{DL}), LIVE SHEAR RYLLINGAL RYLLING (SR_{LL}), WIND SHEAR RYLLINGAL RYLLING (SR_{WL}), AND SEISMIC SHEAR RYLLINGAL RYLLING (SR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING TORSIONAL RYLLINGAL RYLLING: DEAD TORSIONAL RYLLINGAL RYLLING (TR_{DL}), LIVE TORSIONAL RYLLINGAL RYLLING (TR_{LL}), WIND TORSIONAL RYLLINGAL RYLLING (TR_{WL}), AND SEISMIC TORSIONAL RYLLINGAL RYLLING (TR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING ROTATIONAL RYLLINGAL RYLLING: DEAD ROTATIONAL RYLLINGAL RYLLING (RR_{DL}), LIVE ROTATIONAL RYLLINGAL RYLLING (RR_{LL}), WIND ROTATIONAL RYLLINGAL RYLLING (RR_{WL}), AND SEISMIC ROTATIONAL RYLLINGAL RYLLING (RR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING DISPLACEMENTAL RYLLINGAL RYLLING: DEAD DISPLACEMENTAL RYLLINGAL RYLLING (DR_{DL}), LIVE DISPLACEMENTAL RYLLINGAL RYLLING (DR_{LL}), WIND DISPLACEMENTAL RYLLINGAL RYLLING (DR_{WL}), AND SEISMIC DISPLACEMENTAL RYLLINGAL RYLLING (DR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING VIBRATIONAL RYLLINGAL RYLLING: DEAD VIBRATIONAL RYLLINGAL RYLLING (VR_{DL}), LIVE VIBRATIONAL RYLLINGAL RYLLING (VR_{LL}), WIND VIBRATIONAL RYLLINGAL RYLLING (VR_{WL}), AND SEISMIC VIBRATIONAL RYLLINGAL RYLLING (VR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING FATIGURAL RYLLINGAL RYLLING: DEAD FATIGURAL RYLLINGAL RYLLING (FR_{DL}), LIVE FATIGURAL RYLLINGAL RYLLING (FR_{LL}), WIND FATIGURAL RYLLINGAL RYLLING (FR_{WL}), AND SEISMIC FATIGURAL RYLLINGAL RYLLING (FR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING CORROSIONAL RYLLINGAL RYLLING: DEAD CORROSIONAL RYLLINGAL RYLLING (CR_{DL}), LIVE CORROSIONAL RYLLINGAL RYLLING (CR_{LL}), WIND CORROSIONAL RYLLINGAL RYLLING (CR_{WL}), AND SEISMIC CORROSIONAL RYLLINGAL RYLLING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING CRACKINGAL RYLLINGAL RYLLING: DEAD CRACKINGAL RYLLINGAL RYLLING (CR_{DL}), LIVE CRACKINGAL RYLLINGAL RYLLING (CR_{LL}), WIND CRACKINGAL RYLLINGAL RYLLING (CR_{WL}), AND SEISMIC CRACKINGAL RYLLINGAL RYLLING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING SLOTTINGAL RYLLINGAL RYLLING: DEAD SLOTTINGAL RYLLINGAL RYLLING (SR_{DL}), LIVE SLOTTINGAL RYLLINGAL RYLLING (SR_{LL}), WIND SLOTTINGAL RYLLINGAL RYLLING (SR_{WL}), AND SEISMIC SLOTTINGAL RYLLINGAL RYLLING (SR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING BUCKLINGAL RYLLINGAL RYLLING: DEAD BUCKLINGAL RYLLINGAL RYLLING (BR_{DL}), LIVE BUCKLINGAL RYLLINGAL RYLLING (BR_{LL}), WIND BUCKLINGAL RYLLINGAL RYLLING (BR_{WL}), AND SEISMIC BUCKLINGAL RYLLINGAL RYLLING (BR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING TENSILE RYLLINGAL RYLLINGAL RYLLING: DEAD TENSILE RYLLINGAL RYLLINGAL RYLLING (TR_{DL}), LIVE TENSILE RYLLINGAL RYLLINGAL RYLLING (TR_{LL}), WIND TENSILE RYLLINGAL RYLLINGAL RYLLING (TR_{WL}), AND SEISMIC TENSILE RYLLINGAL RYLLINGAL RYLLING (TR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING COMPRESSIVE RYLLINGAL RYLLINGAL RYLLING: DEAD COMPRESSIVE RYLLINGAL RYLLINGAL RYLLING (CR_{DL}), LIVE COMPRESSIVE RYLLINGAL RYLLINGAL RYLLING (CR_{LL}), WIND COMPRESSIVE RYLLINGAL RYLLINGAL RYLLING (CR_{WL}), AND SEISMIC COMPRESSIVE RYLLINGAL RYLLINGAL RYLLING (CR_{SL}). THE TRUSS SHALL BE DESIGNED TO RESIST THE FOLLOWING SHEAR RYLLINGAL RYLLINGAL RYLLING: DEAD SHEAR RYLLINGAL RYLLINGAL RYLLING (SR_{DL}), LIVE SHEAR RYLLINGAL RYLLINGAL RYLLING (SR



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0279

TC LL	20.0	PSF	REF	R8228- 69972
TC DL	10.0	PSF	DATE	01/09/08
BC DL	10.0	PSF	DRW	HCUSR8228 08009005
BC LL	0.0	PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0	PSF	SEQN-	69446
DUR.FAC.	1.25		FROM	AH
SPACING	24.0"		JREF-	1TDZ8228Z04



(8-007--Stanley Crawford Construc Mayfair #7 --, ** - A1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

(A) 1x4 #3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Scale = .25" / Ft.

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

REF R8228- 69974

DATE 01/09/08

DRW HCUSR8228 08009007

HC-ENG DAL/AP

SEQN- 69469

FROM AH

JREF- 1TDZ8228Z04

PLT TYP. 20 Gauge HS,Wave

Design Crit: TPI-2002(STD)/FBC

Cg/RT=1.00(1.25)/0(0) 7.36.0424

R-1122 U=83 W=3.5"

R-955 U=101 W=3.5"

23-4-8 Over 2 Supports

18-1-8

5-2-8

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

2-3-0

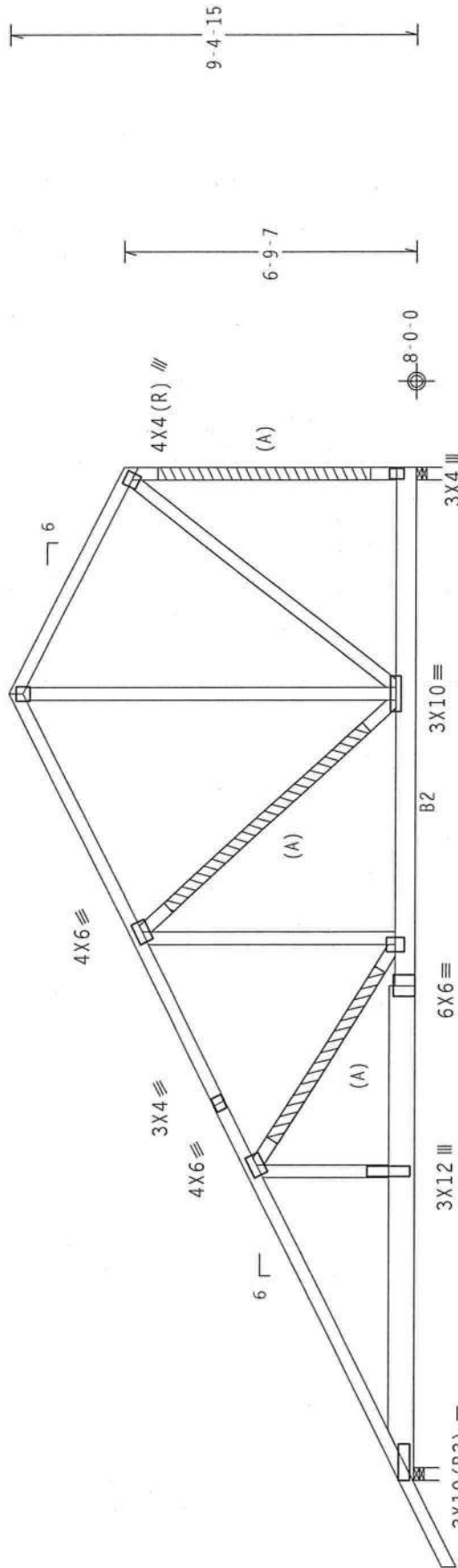
2-3-0

SPECIAL LOADS

----- (LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25)			
TC	From	62 PLF at -2.00 to	62 PLF at 18.13
TC	From	62 PLF at 18.13 to	62 PLF at 23.38
BC	From	4 PLF at -2.00 to	4 PLF at -0.00
BC	From	20 PLF at -0.00 to	20 PLF at 23.38
BC	-	223 LB Conc. Load at 0.77	
BC	-	221 LB Conc. Load at 2.77	
BC	-	1238 LB Conc. Load at 8.73	4.77, 6.77

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



2-0-07

18-1-8

5-3-0

-23-4-8 Over 2 Supports

R=2637 U=283 W=3.5"

R=1545 U=161 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

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

Scale = 25"/Ft.

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BUSH TRUSS COMPANY'S INFORMATION, PUBLISHED BY (BUSH PLATE INSTITUTE, 2100 MILLER AVE., CHICAGO, ILL. 60640) OR BUSH TRUSS COUNCIL OF AMERICA, 9300 ENTERPRISE LANE, HAO150W, #1, 53271 FOR SPECIFIC DETAILS PERTAINING 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 THE SPECIFICATIONS, INCLUDING SCHEDULING, HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES.

DESIGN OF FABRICATING, HANDLING, SHIPPING, INSTALLING, & BRACING OF TRUSSES.

CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI.

CONNECTOR PLATES ARE MADE OF 2018/10GSA (N/A) 563 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, WHERE/WHEN LOCATED ON THE TRUSS, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TP1-2002 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 AISC/TP1 1 SEC. 2.



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

FL Certificate of Authorization #0379

SPECIAL LOADS

----- (LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25) -----		
TC	- From	62 PLF at -2.00 to 62 PLF at 2.00
TC	- From	62 PLF at 2.00 to 62 PLF at 10.79
TC	- From	62 PLF at 10.79 to 62 PLF at 17.79
TC	- From	62 PLF at 17.79 to 62 PLF at 21.38
TC	- From	62 PLF at 21.38 to 62 PLF at 27.67
TC	- From	62 PLF at 27.67 to 62 PLF at 30.38
BC	- From	4 PLF at -2.00 to 4 PLF at 0.00
BC	- From	20 PLF at 0.00 to 20 PLF at 30.38
TC	- 19 LB Conc.	Load at 2.00
BC	- 34 LB Conc.	Load at 2.00
BC	- 6 LB Conc.	Load at 4.06, 6.06, 8.06

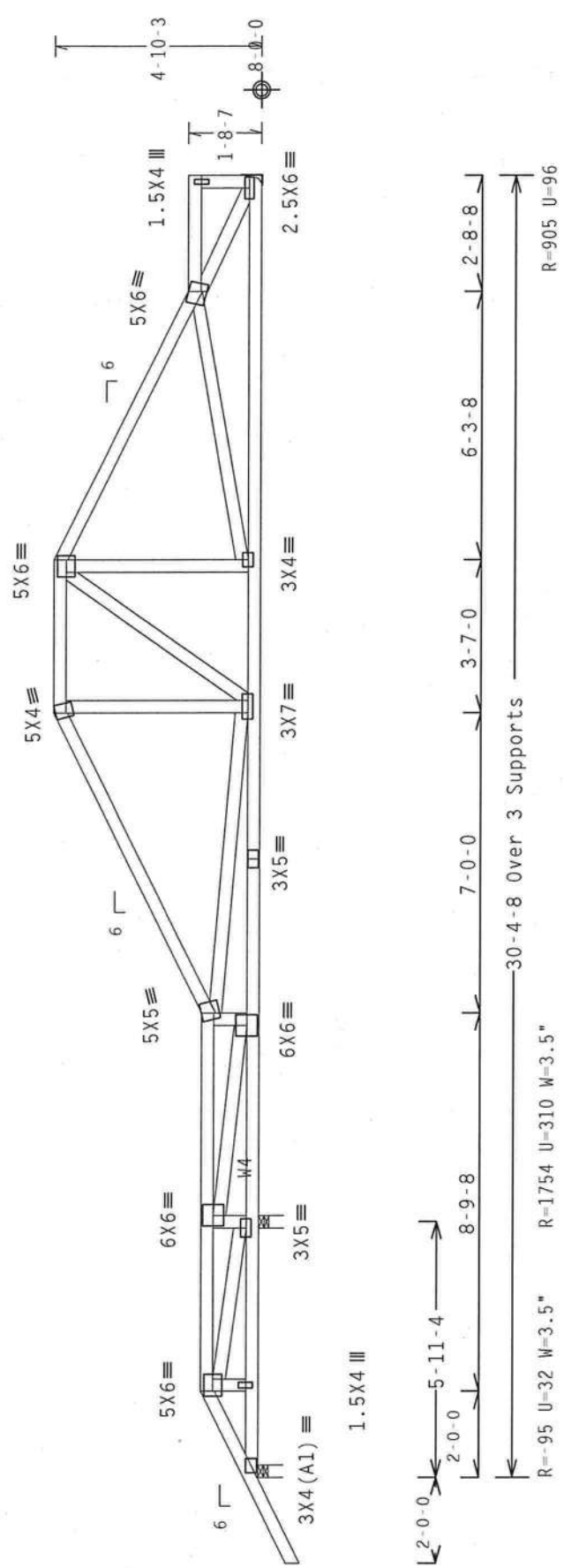
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:

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

Wind reactions based on MMFRS pressures.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



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

Scale = .25"/Ft.

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

7.36.0424

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

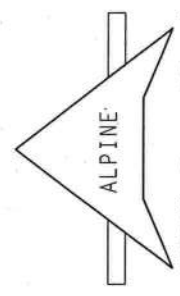
Design Crit

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPOSITE SAFETY INFORMATION), PUBLISHED BY IPTI (TRUSS PLATE INSTITUTE, 218 NORTH LE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (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 THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOST NATIONAL DESIGN SPECS. ITW BCG CORRELATOR PLATES ARE MADE OF 20/18/16GA. (W/45/52/PE) ASTM A663 GRADE 40/60 (U. K/H/SS) 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 DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TP1 1 SEC. 2.

TC LL	20.0	PSF	REF · R8228 - 69978
TC DL	10.0	PSF	DATE 01/09/08
BC DL	10.0	PSF	DRW HCUSR8228 0800902
BC LL	0.0	PSF	HC-ENG DAL/AP
TOT.LD.	40.0	PSF	SEQN- 69551
DUR.FAC.	1.25		FROM AH
SPACING	24.0"		JREF- 1TDZ8228Z04



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0078

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS :B2 2x8 SP #1 Dense:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

SPECIAL LOADS

TC - From	DUR-FAC=1.25 / PLATE DUR-FAC=1.25)
TC - From	62 PLF at -2.00 to 4.33
TC - From	62 PLF at 4.33 to 7.96
TC - From	62 PLF at 7.96 to 21.75
TC - From	62 PLF at 21.75 to 37.88
BC - From	4 PLF at -2.00 to 0.00
BC - From	20 PLF at 0.00 to 12.29
BC - From	20 PLF at 12.29 to 35.88
BC - From	4 PLF at 35.88 to 37.88
TC - 247 LB Conc. Load at 4.33	
TC - 28 LB Conc. Load at 6.40	
TC - 141 LB Conc. Load at 8.40, 10.40	
BC - 160 LB Conc. Load at 4.40	
BC - 196 LB Conc. Load at 6.40	
BC - 80 LB Conc. Load at 8.40, 10.40	
BC - 1108 LB Conc. Load at 12.35	

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

WARNING! 1 UNPLATED JOINT(S)

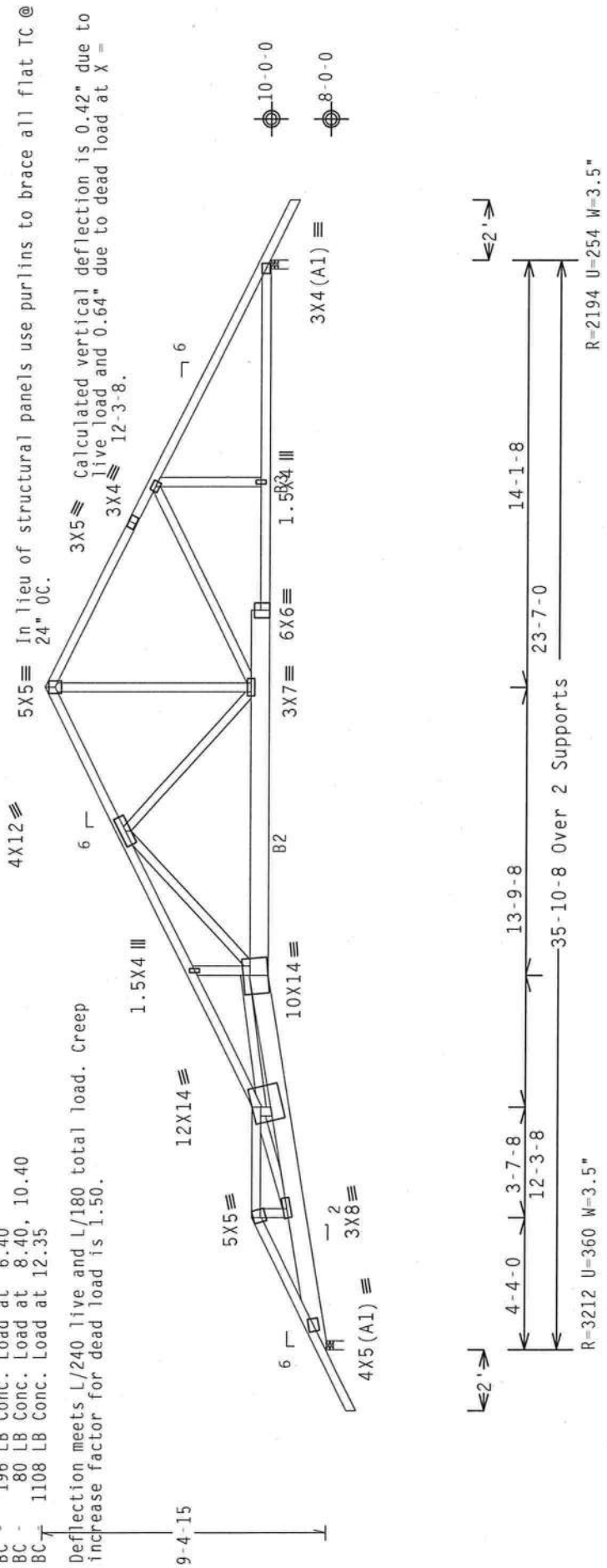
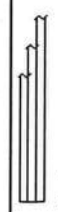
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.11" due to live load and 0.17" due to dead load.

5X5 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

3X5 Calculated vertical deflection is 0.42" due to live load and 0.64" due to dead load at X = 12-3-8.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

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



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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG DESIGNER'S ACCEPTANCE OF THIS DESIGN IS BASED ON THE ASSUMPTIONS AND CONDITIONS SET FORTH IN THE DRAWING. ANY INSPECTION OF PLATES, FOLLOWED BY (1) SHALL BE PERFORMED BY THE TRUSS COMPONENT DESIGNER 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

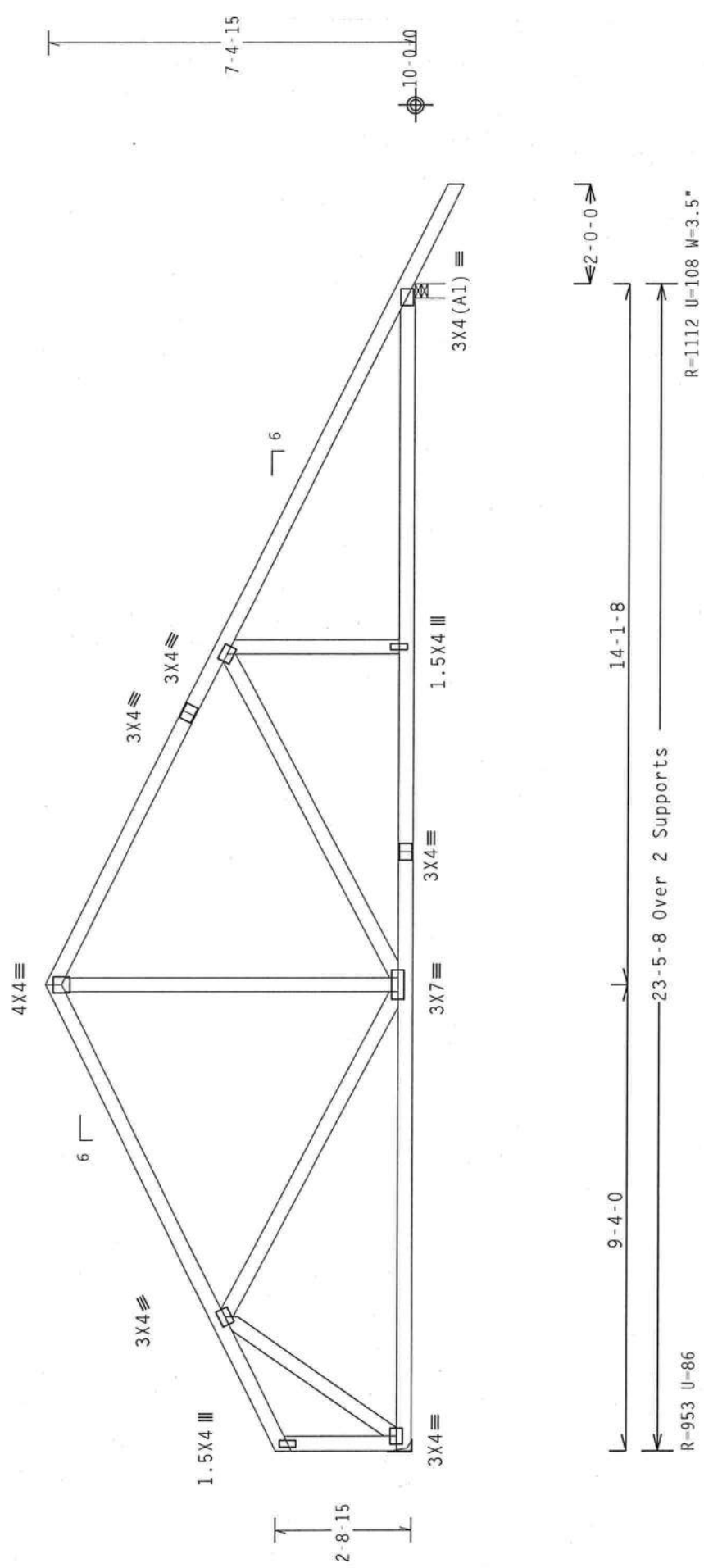
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0278

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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

Left end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP.	Wave	Cq/RT=1.00(1.25)/0(0)	QTY:1	FL/-/4/-/R/-	Scale =.3125"/Ft.
Design Crit:	PI-2002(SID)/FBC				

TC LL	20.0	PSF	REF	R8228-	69980
TC DL	10.0	PSF	DATE	01/09/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08009014
BC LL	0.0	PSF	HC-ENG	DAL/AP	*
TOT.LD.	40.0	PSF	SEQN-	69503	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TDZ8228Z04	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENTS 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 A DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTORS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI, ITW BCG TRUSSES SHALL BE FABRICATED TO THE FOLLOWING SPECIFICATIONS: TOP CHORD POSITION PER DRAWINGS 160A-2, 160A-3, 160A-4, 160A-5, 160A-6, 160A-7, 160A-8, 160A-9, 160A-10, 160A-11, 160A-12, 160A-13, 160A-14, 160A-15, 160A-16, 160A-17, 160A-18, 160A-19, 160A-20, 160A-21, 160A-22, 160A-23, 160A-24, 160A-25, 160A-26, 160A-27, 160A-28, 160A-29, 160A-30, 160A-31, 160A-32, 160A-33, 160A-34, 160A-35, 160A-36, 160A-37, 160A-38, 160A-39, 160A-40, 160A-41, 160A-42, 160A-43, 160A-44, 160A-45, 160A-46, 160A-47, 160A-48, 160A-49, 160A-50, 160A-51, 160A-52, 160A-53, 160A-54, 160A-55, 160A-56, 160A-57, 160A-58, 160A-59, 160A-60, 160A-61, 160A-62, 160A-63, 160A-64, 160A-65, 160A-66, 160A-67, 160A-68, 160A-69, 160A-70, 160A-71, 160A-72, 160A-73, 160A-74, 160A-75, 160A-76, 160A-77, 160A-78, 160A-79, 160A-80, 160A-81, 160A-82, 160A-83, 160A-84, 160A-85, 160A-86, 160A-87, 160A-88, 160A-89, 160A-90, 160A-91, 160A-92, 160A-93, 160A-94, 160A-95, 160A-96, 160A-97, 160A-98, 160A-99, 160A-100, 160A-101, 160A-102, 160A-103, 160A-104, 160A-105, 160A-106, 160A-107, 160A-108, 160A-109, 160A-110, 160A-111, 160A-112, 160A-113, 160A-114, 160A-115, 160A-116, 160A-117, 160A-118, 160A-119, 160A-120, 160A-121, 160A-122, 160A-123, 160A-124, 160A-125, 160A-126, 160A-127, 160A-128, 160A-129, 160A-130, 160A-131, 160A-132, 160A-133, 160A-134, 160A-135, 160A-136, 160A-137, 160A-138, 160A-139, 160A-140, 160A-141, 160A-142, 160A-143, 160A-144, 160A-145, 160A-146, 160A-147, 160A-148, 160A-149, 160A-150, 160A-151, 160A-152, 160A-153, 160A-154, 160A-155, 160A-156, 160A-157, 160A-158, 160A-159, 160A-160, 160A-161, 160A-162, 160A-163, 160A-164, 160A-165, 160A-166, 160A-167, 160A-168, 160A-169, 160A-170, 160A-171, 160A-172, 160A-173, 160A-174, 160A-175, 160A-176, 160A-177, 160A-178, 160A-179, 160A-180, 160A-181, 160A-182, 160A-183, 160A-184, 160A-185, 160A-186, 160A-187, 160A-188, 160A-189, 160A-190, 160A-191, 160A-192, 160A-193, 160A-194, 160A-195, 160A-196, 160A-197, 160A-198, 160A-199, 160A-200, 160A-201, 160A-202, 160A-203, 160A-204, 160A-205, 160A-206, 160A-207, 160A-208, 160A-209, 160A-210, 160A-211, 160A-212, 160A-213, 160A-214, 160A-215, 160A-216, 160A-217, 160A-218, 160A-219, 160A-220, 160A-221, 160A-222, 160A-223, 160A-224, 160A-225, 160A-226, 160A-227, 160A-228, 160A-229, 160A-230, 160A-231, 160A-232, 160A-233, 160A-234, 160A-235, 160A-236, 160A-237, 160A-238, 160A-239, 160A-240, 160A-241, 160A-242, 160A-243, 160A-244, 160A-245, 160A-246, 160A-247, 160A-248, 160A-249, 160A-250, 160A-251, 160A-252, 160A-253, 160A-254, 160A-255, 160A-256, 160A-257, 160A-258, 160A-259, 160A-260, 160A-261, 160A-262, 160A-263, 160A-264, 160A-265, 160A-266, 160A-267, 160A-268, 160A-269, 160A-270, 160A-271, 160A-272, 160A-273, 160A-274, 160A-275, 160A-276, 160A-277, 160A-278, 160A-279, 160A-280, 160A-281, 160A-282, 160A-283, 160A-284, 160A-285, 160A-286, 160A-287, 160A-288, 160A-289, 160A-290, 160A-291, 160A-292, 160A-293, 160A-294, 160A-295, 160A-296, 160A-297, 160A-298, 160A-299, 160A-300, 160A-301, 160A-302, 160A-303, 160A-304, 160A-305, 160A-306, 160A-307, 160A-308, 160A-309, 160A-310, 160A-311, 160A-312, 160A-313, 160A-314, 160A-315, 160A-316, 160A-317, 160A-318, 160A-319, 160A-320, 160A-321, 160A-322, 160A-323, 160A-324, 160A-325, 160A-326, 160A-327, 160A-328, 160A-329, 160A-330, 160A-331, 160A-332, 160A-333, 160A-334, 160A-335, 160A-336, 160A-337, 160A-338, 160A-339, 160A-340, 160A-341, 160A-342, 160A-343, 160A-344, 160A-345, 160A-346, 160A-347, 160A-348, 160A-349, 160A-350, 160A-351, 160A-352, 160A-353, 160A-354, 160A-355, 160A-356, 160A-357, 160A-358, 160A-359, 160A-360, 160A-361, 160A-362, 160A-363, 160A-364, 160A-365, 160A-366, 160A-367, 160A-368, 160A-369, 160A-370, 160A-371, 160A-372, 160A-373, 160A-374, 160A-375, 160A-376, 160A-377, 160A-378, 160A-379, 160A-380, 160A-381, 160A-382, 160A-383, 160A-384, 160A-385, 160A-386, 160A-387, 160A-388, 160A-389, 160A

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0078

Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
webs	2x4	SP	#3	

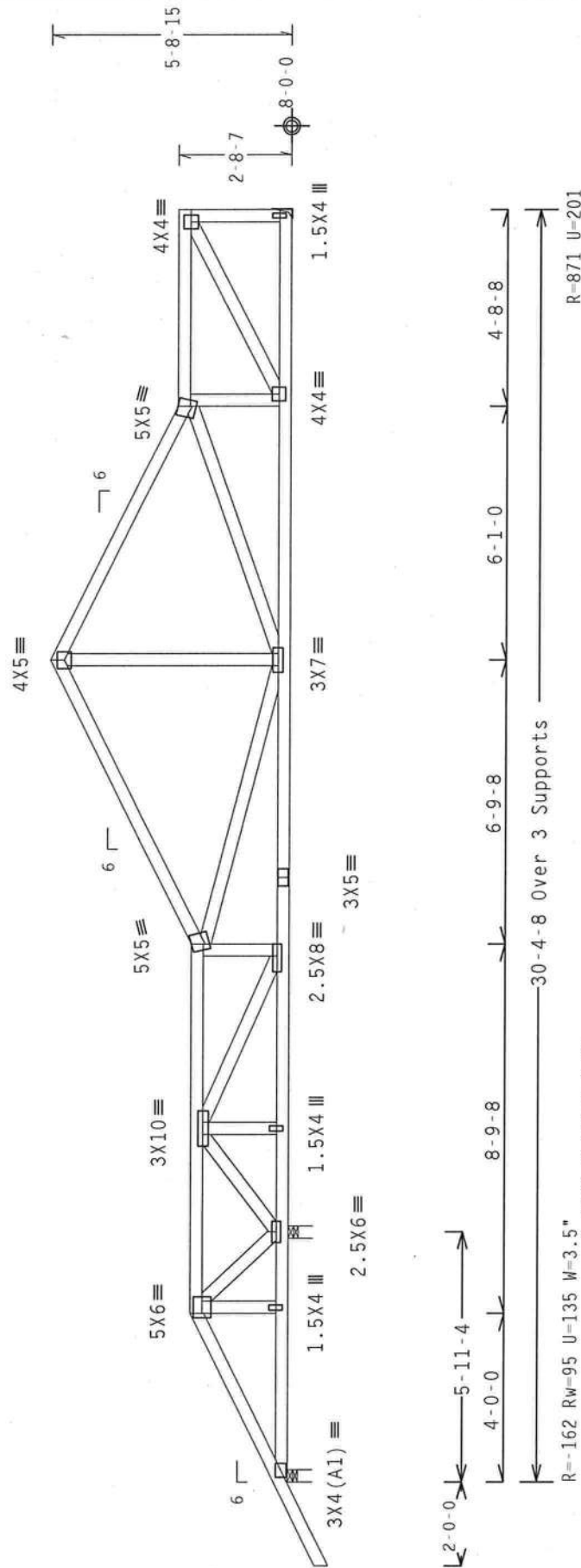
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.55

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=162 R_W=95 U=135 W=3.5" R=1927 U=457 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

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

Scale = .25"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE CLASS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND STEEL JOIST TRUSS COMPANY OF AMERICA, 6500 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 BRACING.

TC LL	20.0 PSF	REF R8228- 69981
TC DL	10.0 PSF	DATE 01/09/08
BC DL	10.0 PSF	DRW HCUR8228 08009026
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT.LD.	40.0 PSF	SEQN- 69556
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TDZ8228704

*****WARNING***** THUSSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (CITIES SERVICE COMPANY), 2100 NORTH LEE STREET, SUITE 310, ALEXANDRIA, VA, 22304 AND WOOD TRUSS COUNCIL OF AMERICA, 100 ENTERPRISE LANE, MOBILE, AL 36688 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 BEAMING.

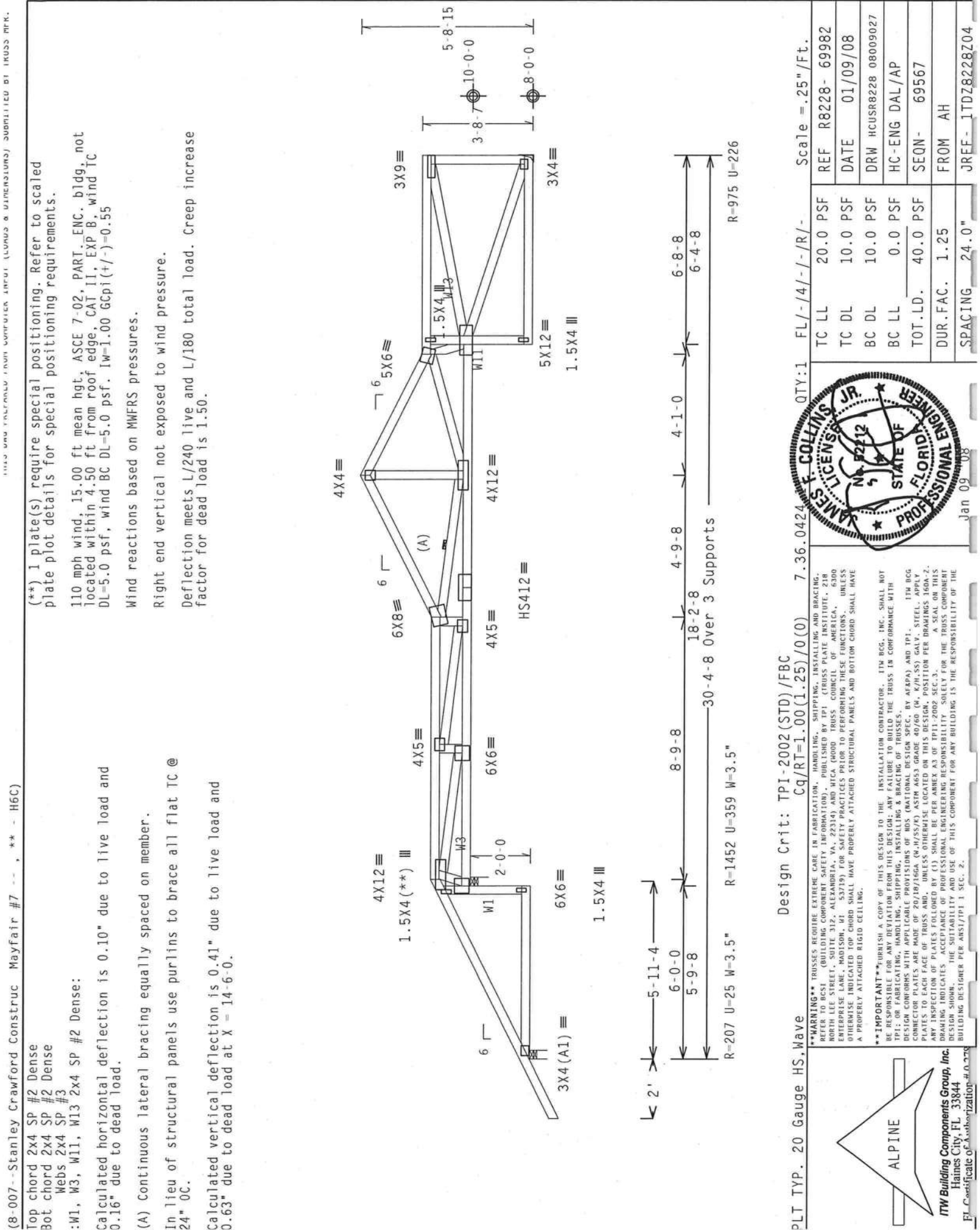
*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR AFAPA) AND TPI. TRUSS COMPONENTS OR PLATES ARE MADE OF 2078/18716GA (24-17/552K) ASTM A503 GRADE 40/60 (24, K/41-55) GALV. STEEL. ALL PLATES OR PLATES ARE MADE OF THUSSE AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 THROUGH 160E. (1) SHALL BE PER AMER AS OF 1/11/2002 SEC.3.

ASPECTS OF THE DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DRAWING INDICATES. ACCEPTANCE OF THE BEAMING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/PTI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
EL Certificate of Authorization #0-0-278



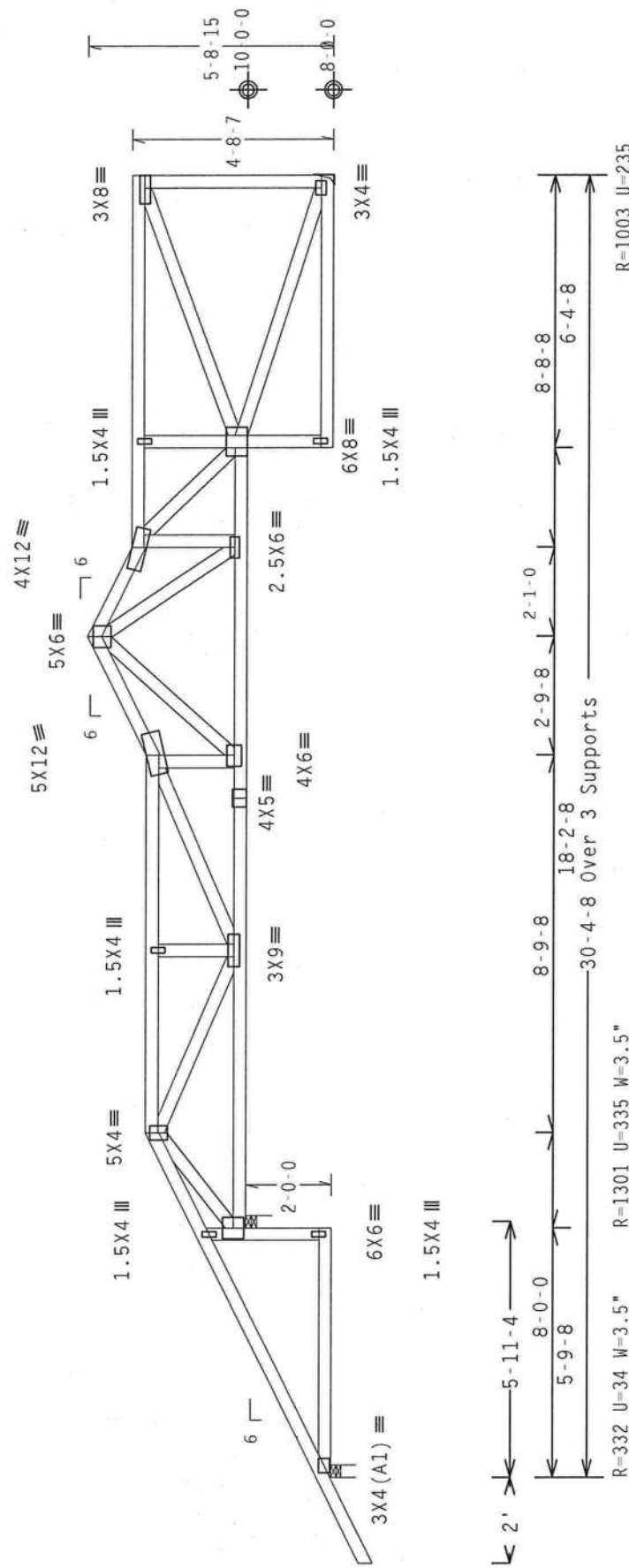
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cpi}(+/-)=0.55$

Wind reactions based on MwFRS pressures.

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. Creep increase factor for dead load is 1.50.

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

PLT TYP. Wave

7.36.0424

QTY:1 FI 1 - 141 - 1 - 1R1 -

Scale = 25"/Ft

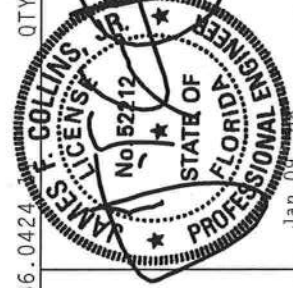
****WARNING**** THROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALWAYS USE THE BEST AVAILABLE COMPONENTS. FOR MORE INFORMATION, PUBLISHED BY TPI (CROSS PLATE INSTITUTE), 2100 NORTH LEE STREET, BUILDING 100, CHICAGO, ILL. 60614, (708) 462-2231, OR A FIA (FIBER INSTITUTE OF AMERICA), 6300 ENTERPRISE LANE, BUILDING 4, WESTFORD, MA 01389. THESE PRACTICES RELY ON PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIBS. CHORDS SHALL BE PROPERLY ATTACHED TO THE RIBS.

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 FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND ITW BCG CONNECTOR PLATES ARE MADE OF 2010/1016GA (40-YR/55K) A572M GRADE 50/60 (40 K/55) GALV. STEEL. APPLY DESIGN LOADS TO THE TRUSSES SHOWN ON THIS DESIGN. POSITION PER DIMENSIONS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY REPAIRS SHALL BE PERMITTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DRAMING, INSPECTION, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT SHOWN.

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



Haines City, FL 33844
FL Certificate of Authorization #00798

JREF- 1TDZ8228Z04

Top	chord	2x4	SP	#2	Dense
lot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

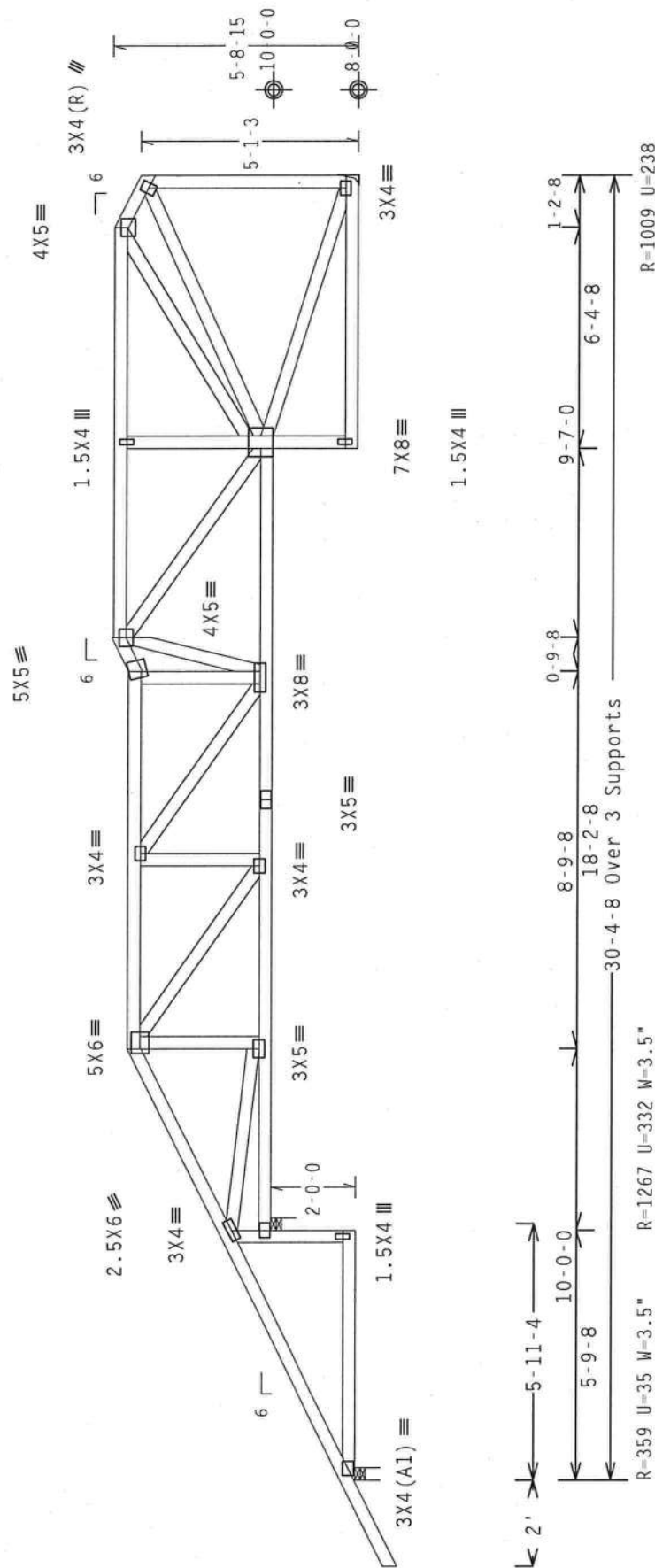
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)-0.55

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

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

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

Scale = 25"/Ft.

***WARNING:** TROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING PRACTICES FOR SAFE Erection OF TRUSSES. CRUISE PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA VA 22304-7679, TEL: 703-836-5555, FAX: 703-836-5556, WWW.CPUSSA.ORG

ENTERPRISE LAKE WISCONSIN, MAY 1997
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF	R8228-	69984
TC DL	10.0 PSF	DATE	01/09/08	
BC DL	10.0 PSF	DRW	HCUSR8228	08009029
BC LL	0.0 PSF	HC - ENG	DAL/AP	
TOT.LD.	40.0 PSF	SEQN-	69588	
DUR.FAC.	1.25	FROM	AH	
SPACING	24.0"	JREF-	1TDZ8228	704

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES F. COLLINS" at the top, "MECHANICAL ENGINEER" at the bottom, and "STATE OF FLORIDA" on the right. The inner circle contains the text "No. 42912" and three stars.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO THE MANUFACTURER FOR SAFETY INFORMATION. ITW BCG PLATE INSTITUTE, 610 NORTH LEE STREET, SUITE 312, AUSTIN, TEXAS 78701-2234, OR AFCA (AEROBIC COUNCIL OF AMERICA), 2300 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 IPTC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

FURNISH WITH EACH TRUSS FABRICABLE PROVISIONS OF ROSS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES MADE TO ORDER. PROVIDE ALL NECESSARY GRANTS (6074/4-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, ALL CONNECTIONS SHALL BE WELDED. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEAL AS AT TPI/100 SEC. 2.0. (2) SHALL BE PER DRAWING 100A-20. DRAWING SHOWS. THE SUITABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABSP/TPT 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
P.O. Box 10000
Haines City, FL 33844-0000
Tel. 888.446.4466
Fax 888.446.4467
www.alpinebuilding.com

Top	chord	2x4	SP	#2	Dense
30t	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

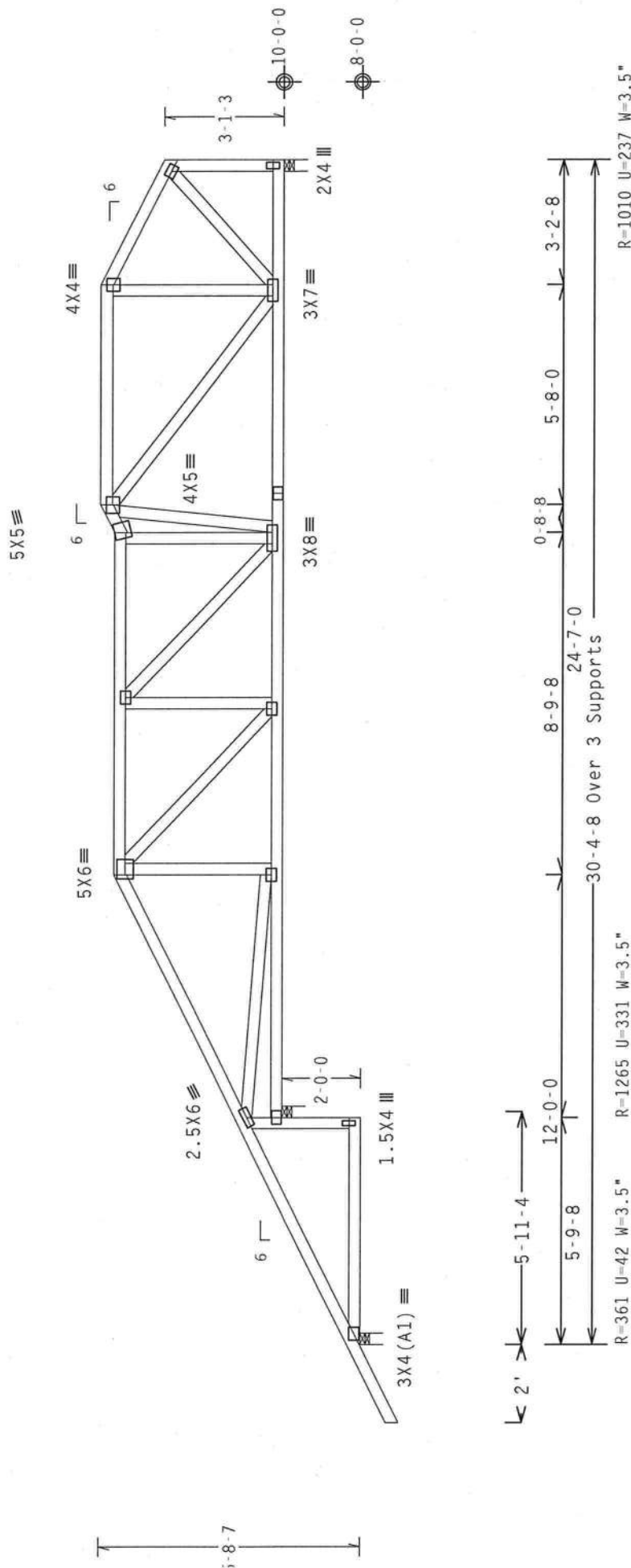
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCp(+/-)=-0.55

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 3X4 Except As Shown.

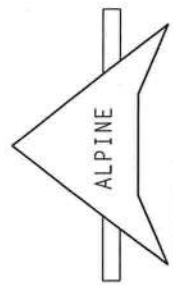
Design Crit: TPI-2002(STD)/FBC

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

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

Scale = 25"/Ft.

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THUSSES CONFORM TO THE SAFETY INFORMATION, PUBLISHED BY IPTI (CRUSS PAPER INSTITUTE, 2300 NORTH LEE STREET, SUITE 150, AUSTIN, TEXAS 78701) AND THE SAFETY INFORMATION, PUBLISHED BY THE AMERICAN LUMBER LABEL, 44015 SUITE 1, 52719 FM 1979, P.O. BOX 1979, PEARLAND, TEXAS 77656. THESE THUSSES ARE NOT TO BE USED FOR PERFORMING ANY FUNCTION, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

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

Haines City, FL 33844
FL Certificate of Authorization # 0078



Jan

TC LL	20.0 PSF	REF	R8228 - 69985
TC DL	10.0 PSF	DATE	01/09/08
BC DL	10.0 PSF	DRW	HCUSR8228 08009030
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	69653
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDZ8228Z04

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member.

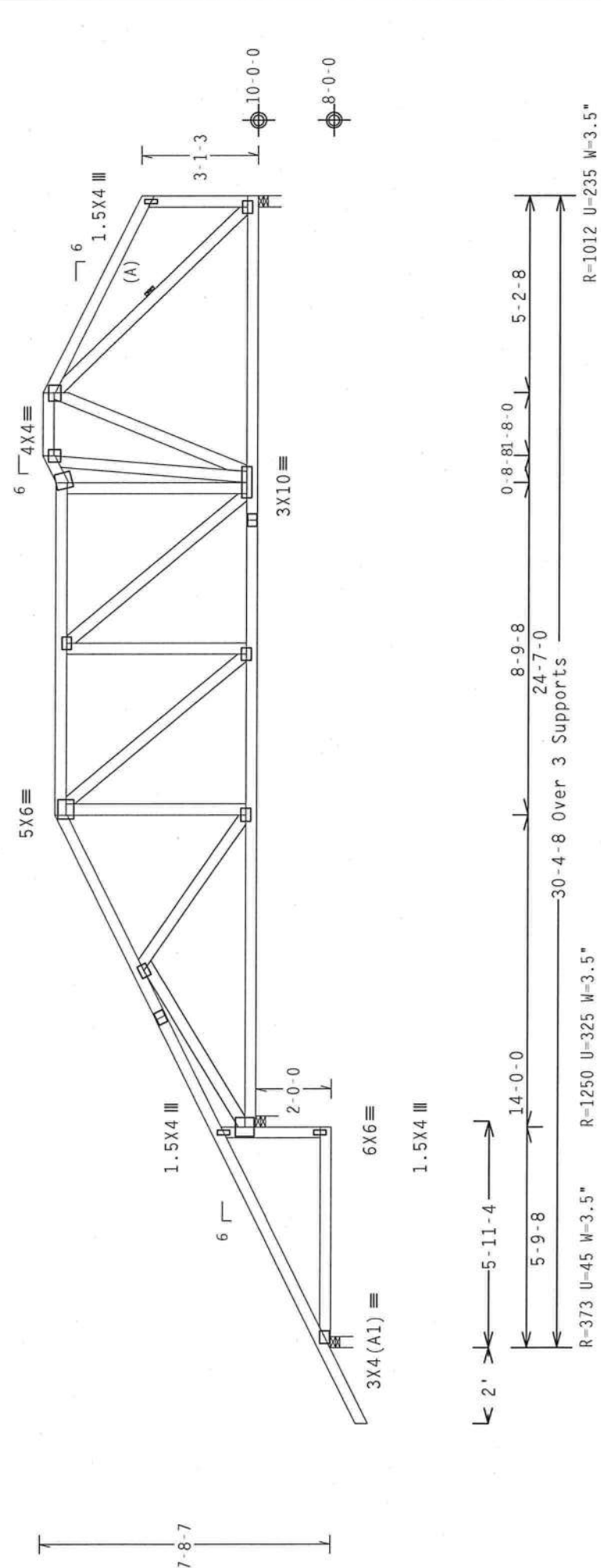
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



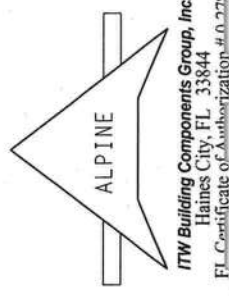
Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002 (STD) / FBC

PLT TYP. Wave

Scale = .25" / Ft.

QTY: 1	FL / - / 4 / - / R / -	20.0 PSF	REF R8228 - 69986
TC LL		10.0 PSF	DATE 01/09/08
TC DL		10.0 PSF	DRW HCUSR8228 08009031
BC DL		0.0 PSF	HC-ENG DAL/AP
OT.LD.		40.0 PSF	SEQN - 69658
DUR.FAC.	1.25		FROM AH
SPACING	24.0"		JREF - 1TDZ8228Z04



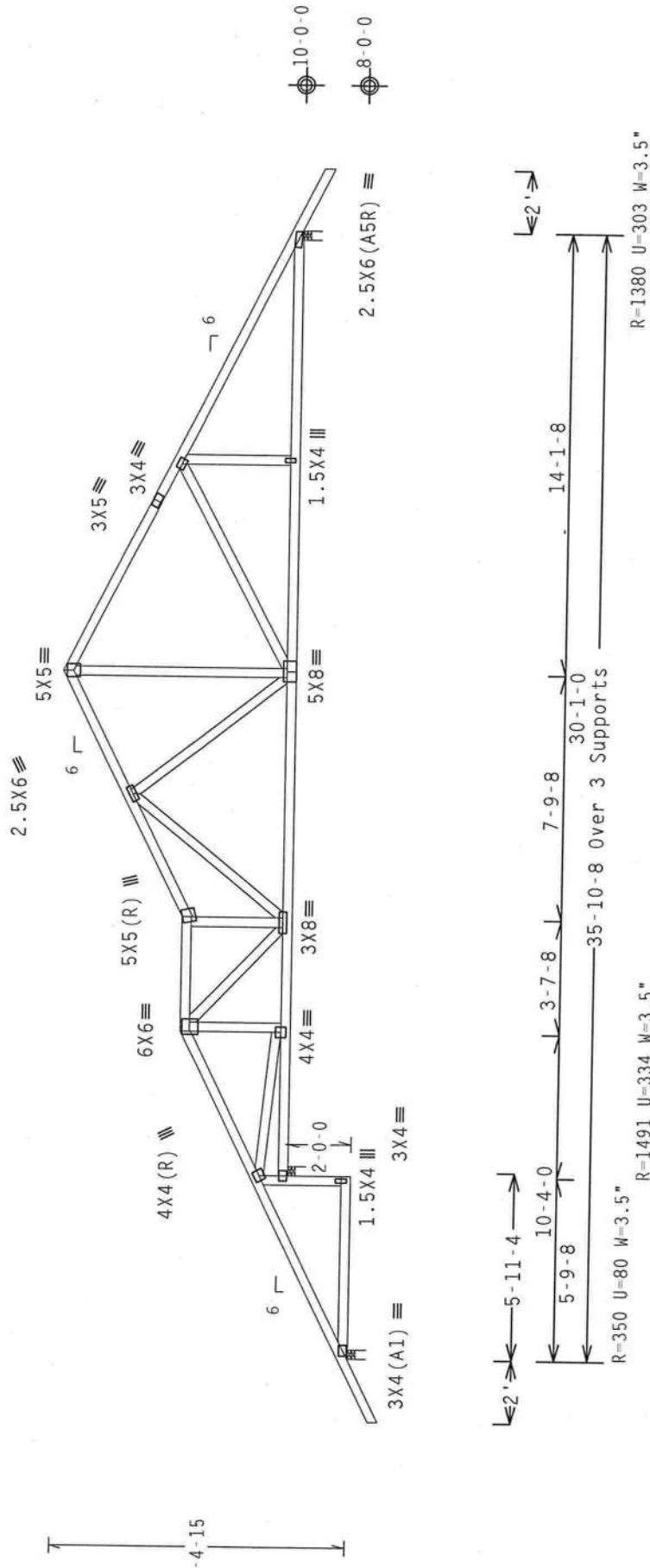
ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0278

Top	chord	2x4	SP	#2	Dense
30t	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, PART. ENC. 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 (+/-) = -0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



.T TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

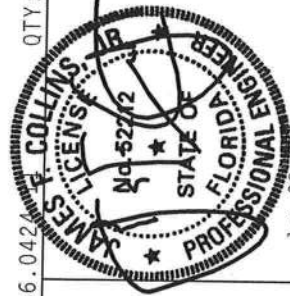
0TV.1 E11-1A11-1B1

Scale = .1875"/Ft.

TO BECS1 (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 PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT*****TURNISH 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 THE DESIGN OR FOR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

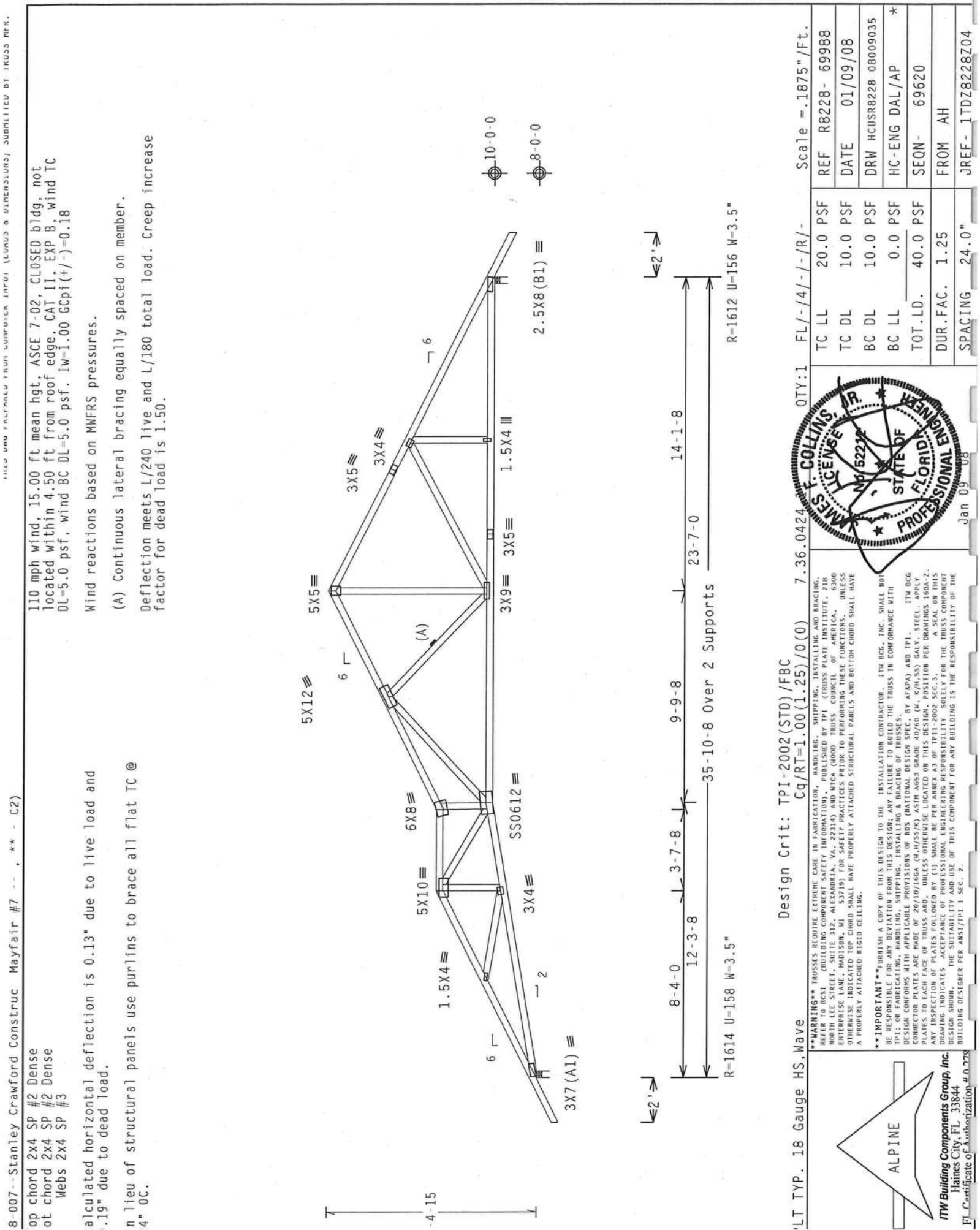
FOUR COMPONENTS WITH ACCEPTABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. 17N BCG
CONNECTOR PLATES ARE MADE OF 20/18/16GA (41/55/55) ASTM A663 GRADE 40/60 (C, 41/55) GALV. STEEL, APPLIED
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-2002 SEC. 3.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANEX/TP1 1 SEC. 2.



L Certificate of Authorization # 0 278

Certificate of Authorization # 07/8

REF ID: A78220794



8-007--Stanley Crawford Construc Mayfair #7 -- , ** - C2)

op chord 2x4 SP #2 Dense
ot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

calculated horizontal deflection is 0.13" due to live load and
.19" due to dead load.

n lieu of structural panels use purlins to brace all flat TC @
4" OC.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.

Scale = .1875" / Ft.

REF R8228- 69988
DATE 01/09/08
DRW HCUSR8228 08009035
HC-ENG DAL/AP
SEQN- 69620
FROM AH
JREF- 1TDZ8228Z04

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/-

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0.278

1"LT TYP. 18 Gauge HS.Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/-

Scale = .1875" / Ft.

REF R8228- 69988
DATE 01/09/08
DRW HCUSR8228 08009035
HC-ENG DAL/AP
SEQN- 69620
FROM AH
JREF- 1TDZ8228Z04

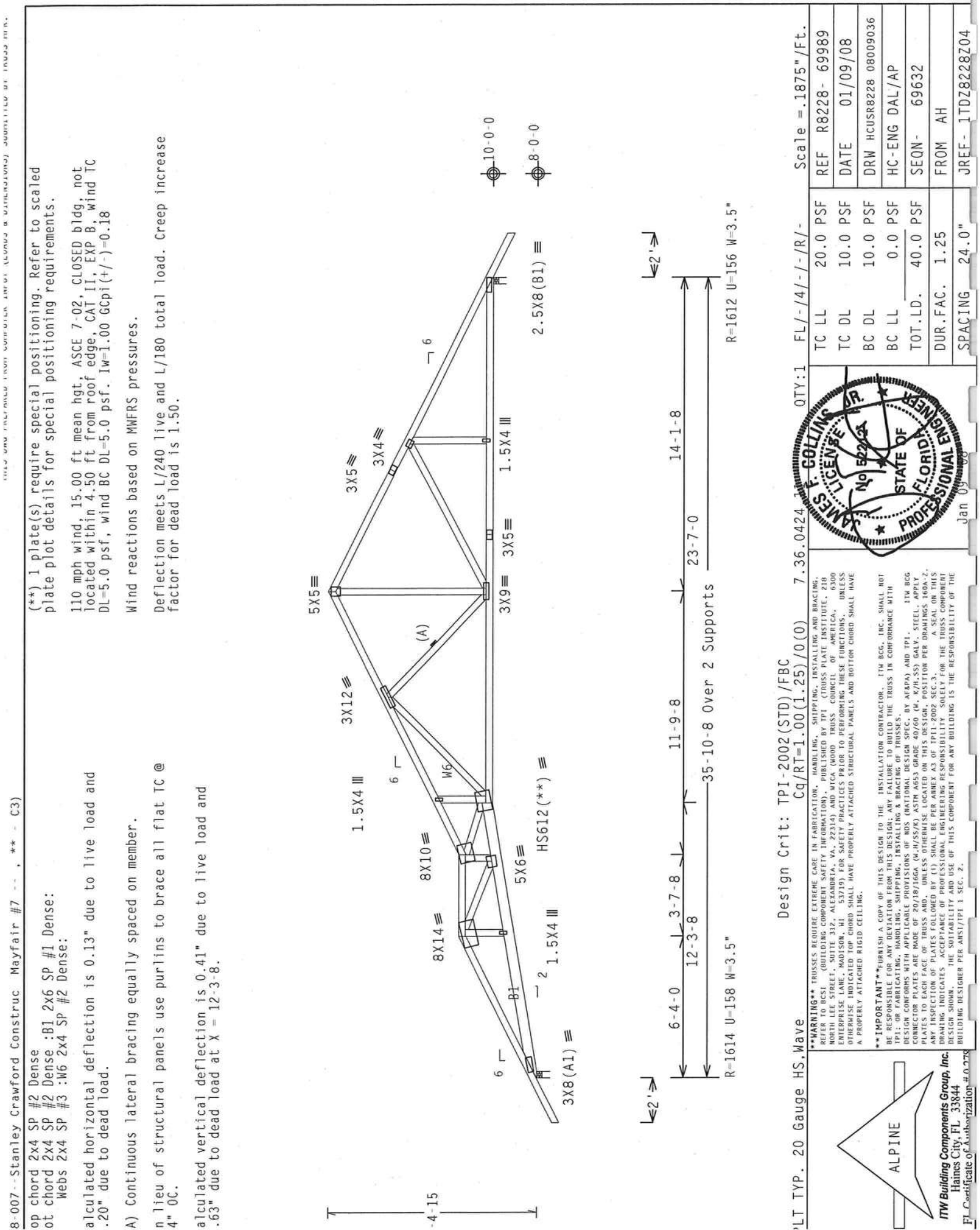
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/-

Scale = .1875" / Ft.

REF R8228- 69988
DATE 01/09/08
DRW HCUSR8228 08009035
HC-ENG DAL/AP
SEQN- 69620
FROM AH
JREF- 1TDZ8228Z04

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/-

Scale = .1875" / Ft.



8-007--Stanley Crawford Construc Mayfair #7 -- , ** - C3)

op chord 2x4 SP #2 Dense
ot chord 2x4 SP #2 Dense :B1 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W6 2x4 SP #2 Dense:

alculated horizontal deflection is 0.13" due to live load and
.20" due to dead load.

A) Continuous lateral bracing equally spaced on member.

n lieu of structural panels use purlins to brace all flat TC @
4" OC.

alculated vertical deflection is 0.41" due to live load and
.63" due to dead load at X = 12-3-8.

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0228



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RECI BUILDING COMPONENT SAFETY INFORMATION FOR TRUSSES. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WICA (WOOD TRUSS ENTERPRISE LABEL, 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/PA) AND TPI. 1TW BCG 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

QTY: 1	FL / - / 4 / - / - / R / -	Scale = .1875" / Ft.
TC LL	20.0 PSF	REF R8228- 69989
TC DL	10.0 PSF	DATE 01/09/08
BC DL	10.0 PSF	DRW HCUSR8228 08009036
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT. LD.	40.0 PSF	SEQN- 69632
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TDZ8228Z04

	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

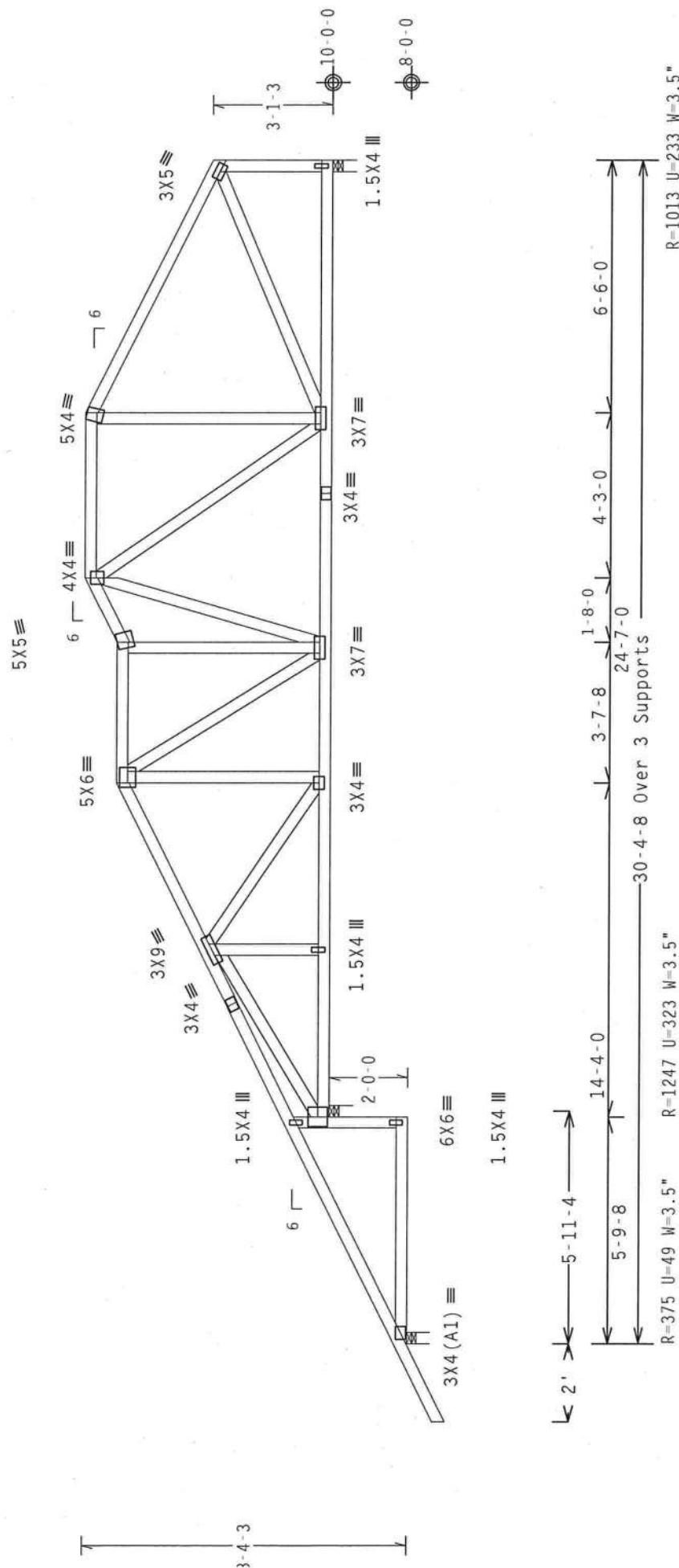
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, PART_ENC. bldg. not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCp(+/-)=0.55

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

PLT TYP. Wave

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

Scale = 25"/Ft.

WARNING: THUSSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING CONSTRUCTION SAFETY INFORMATION, PUBLISHED BY THE CRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND AISC/AIAA THUSSE CORP. OF AMERICA, 6300 ENTERPRISE LANE, MAISON VILLE, AL 52719, 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 SPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPATIBLES WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. 17N BCG
CONCRETE PLATES ARE MADE OF 20/17/10GA (N/155/K) ASTM A653 GRADE 40/60 (N, K/H-55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 17N BCG
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC 4.3 OF TPI-2002 SEC. 2. 17N BCG
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 AISC/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R8228 - 69990
TC DL	10.0 PSF	DATE	01/09/08
BC DL	10.0 PSF	DRW	HCUSR8228 08009032
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	69648
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDZ8228704

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0079

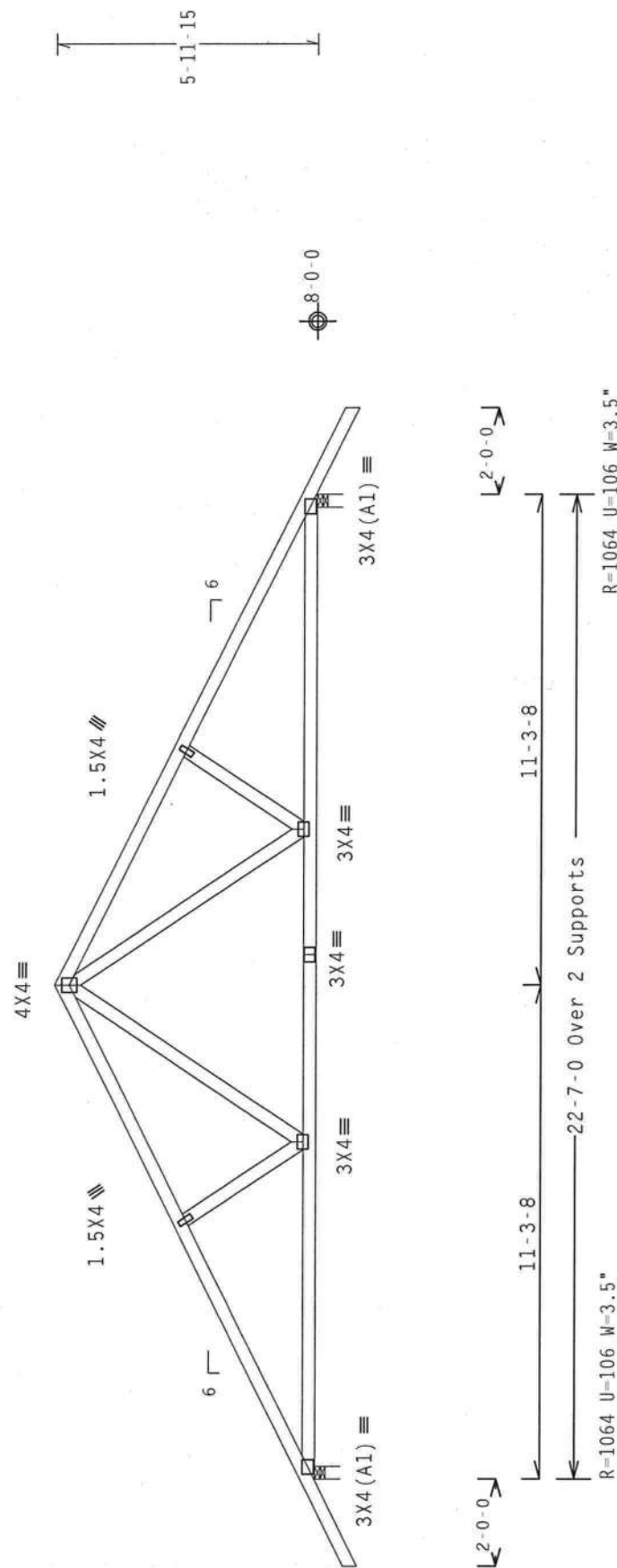
Haines City, FL 33844
 FL Certificate of Authorization # 00798

Top	chord	2x4	SP	#2	Dense
3ot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

POLT TYP. Wave

FI-2002(31D)/FBC	7.36.042
Cg/RT=1.00(1.25)/0(0)	

QTY.1 FI / - / Δ / - / - / R / -

Scale = 25"/Ft

TC LL	20.0	PSF	REF R8228- 69992
TC DL	10.0	PSF	DATE 01/09/08
BC DL	10.0	PSF	DRW HCUSR8228 08009046
BC LL	0.0	PSF	HC-ENG DAL/AP *
TOT.LD.	40.0	PSF	SEQN- 69298
DUR.FAC.	1.25		FROM AH
SPACING	24.0"		JREF- 1TDZ8228Z04



Haines City, FL 33844
FL Certificate of Authorization #0079

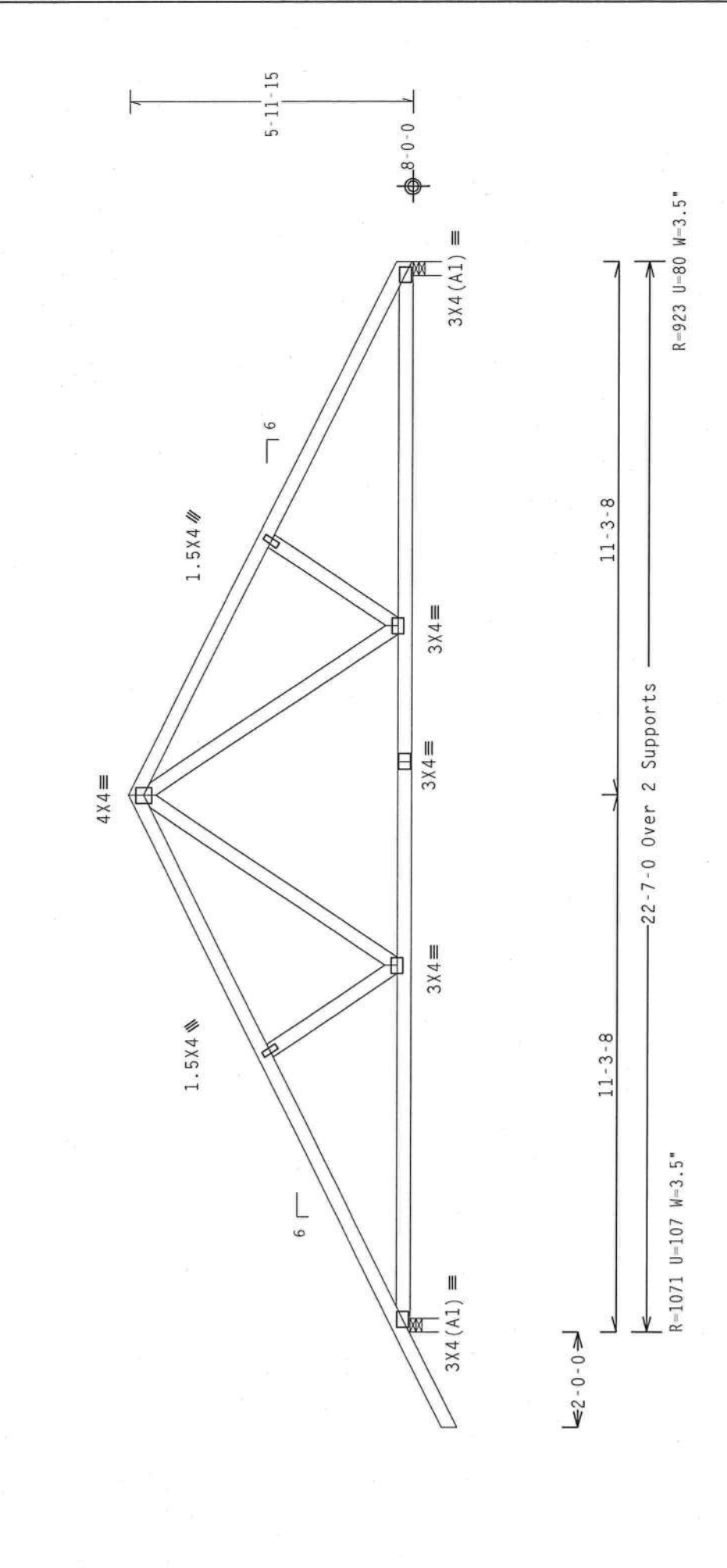
Haines City, FL 33844
FL Certificate of Authorization #0079

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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, $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #00278

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.042

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R8228- 69993
TC DL	10.0 PSF	DATE	01/09/08
BC DL	10.0 PSF	DRW	HCUSR8228 08009047
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	69295
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDZ8228Z04

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

Scale = .3125"/Ft.

REF R8228- 69993

DATE 01/09/08

DRW HCUSR8228 08009047

HC-ENG DAL/AP *

SEQN- 69295

FROM AH

JREF- 1TDZ8228Z04

James F. Collins, P.E.
Professional Engineer
State of Florida
License No. 82217
Exp. 01/09/08

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENTS SAFETY INSTITUTE), 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WTC (WOOD TRUSS COUNCIL OF AMERICA), 10001 WOODHURST DRIVE, WOODHURST, CA, 94596, 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-1 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-1. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/R) 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. ACCEPTANCE OF PROFESSIONAL RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.

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

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

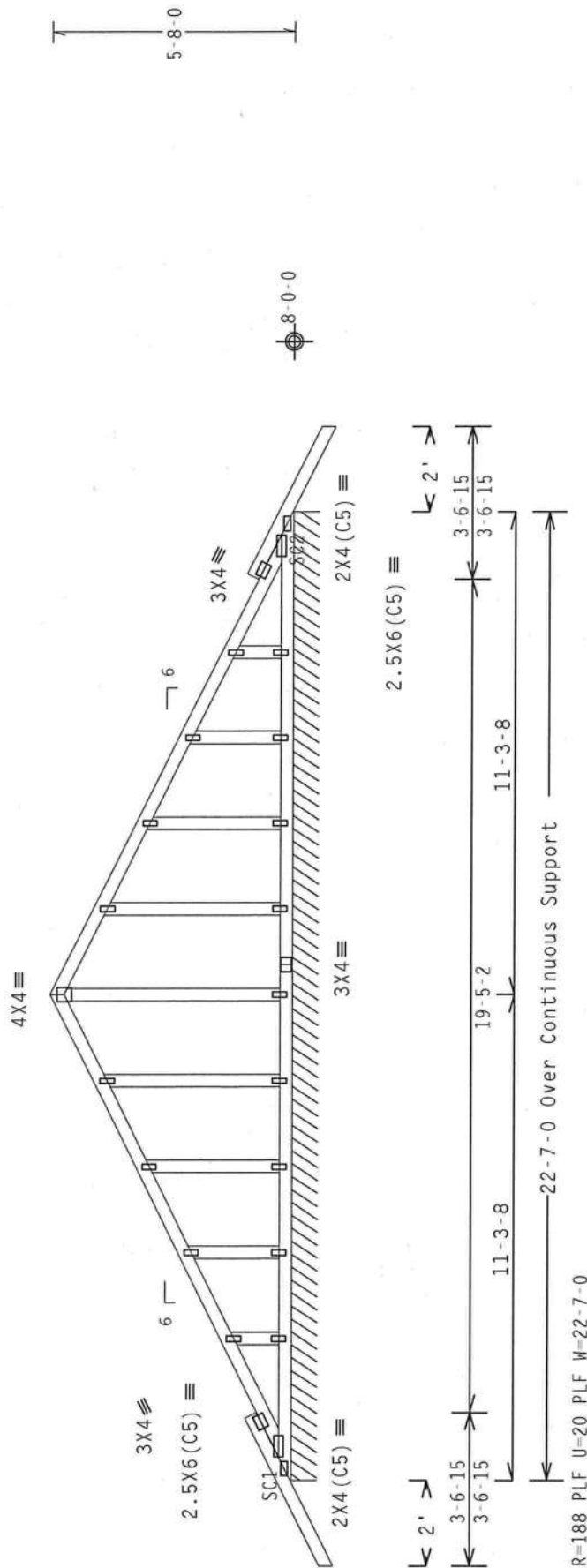
Stacked top chord must NOT be notched or cut in area (NWL).
Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

Truss spaced at 24.0" OC designed to support 2-0-0 top chord
outlookers. Cladding load shall not exceed 10.00 PSF. Top chord
must not be cut or notched.

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

reflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

he 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.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

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

Scale = 25"/Ft.

TC LL	20.0	PSF	REF	R8228 - 69994
TC DL	10.0	PSF	DATE	01/09/08
BC DL	10.0	PSF	DRW	HCUSR8228 08009048
BC LL	0.0	PSF	HC-ENG	DAL/AP
TOT.LD.	40.0	PSF	SEQN-	69303
DUR.FAC.	1.25		FROM	AH
SPACING	24.0"		JREF-	1TDZ8228Z04



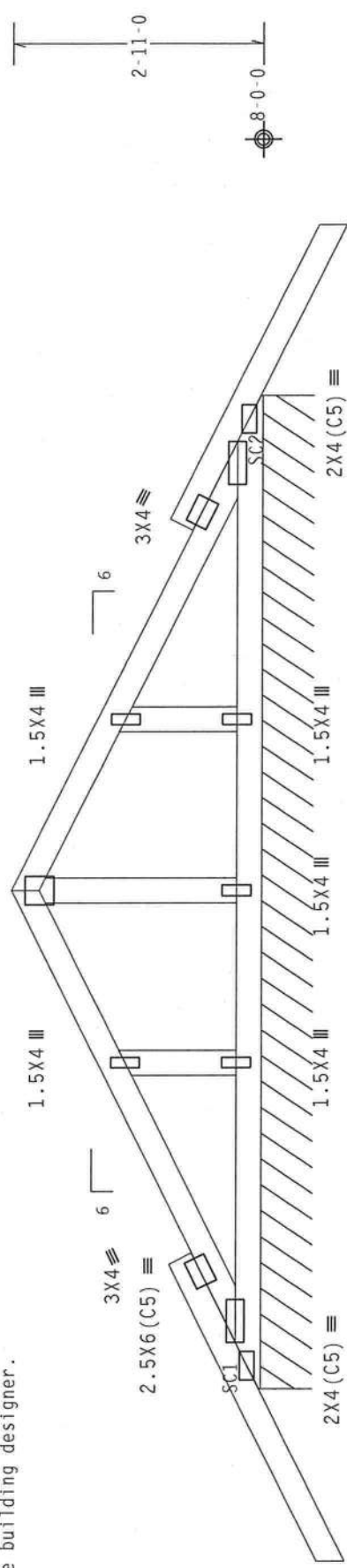
*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 PROPERLY ATTACHED RIGID CEILING.

[illegible]

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 00278

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi (+/-)=0.55
Wind reactions based on MWFRS pressures.

Stacked top chord must NOT be notched or cut in area (NNL).
Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in noticable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.



2.5X6(C5) ≡

Diagram of a continuous beam with three spans. The beam is supported by two intermediate supports. The spans are labeled with lengths: 2-0-0, 3-6-15 (NNL), 8-5-2, 5-9-8, 5-9-8, and 11-7-0 Over Continuous Support. The total length is 2-0-0 + 3-6-15 (NNL) + 8-5-2 + 5-9-8 + 5-9-8 + 11-7-0 = 36-15-0 (NNL). The beam is labeled R=196 PLF U=61 PLF W=11-7-0.

PLT TYP. Wave

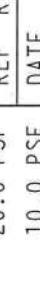
Design Crit: TPI-2002(STD)/FBC

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

QTY: 1

FL/-/4/-/-R/-

Scale = 5" / Ft.



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

For Certificate of Authorization #0278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION) - (TRUSS PLATE INSTITUTE, 218 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 TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TP1. CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/55/M) ASTM A653 GRADE 40/60 (W, 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 ANNEX A3 OF TP1-2002, SEC.3. A SEAL ON THE 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/TP1 1 SEC. 2.



James F. Collins, P.E.
Professional Engineer
State of Florida
License No. 52242
Jan 1998

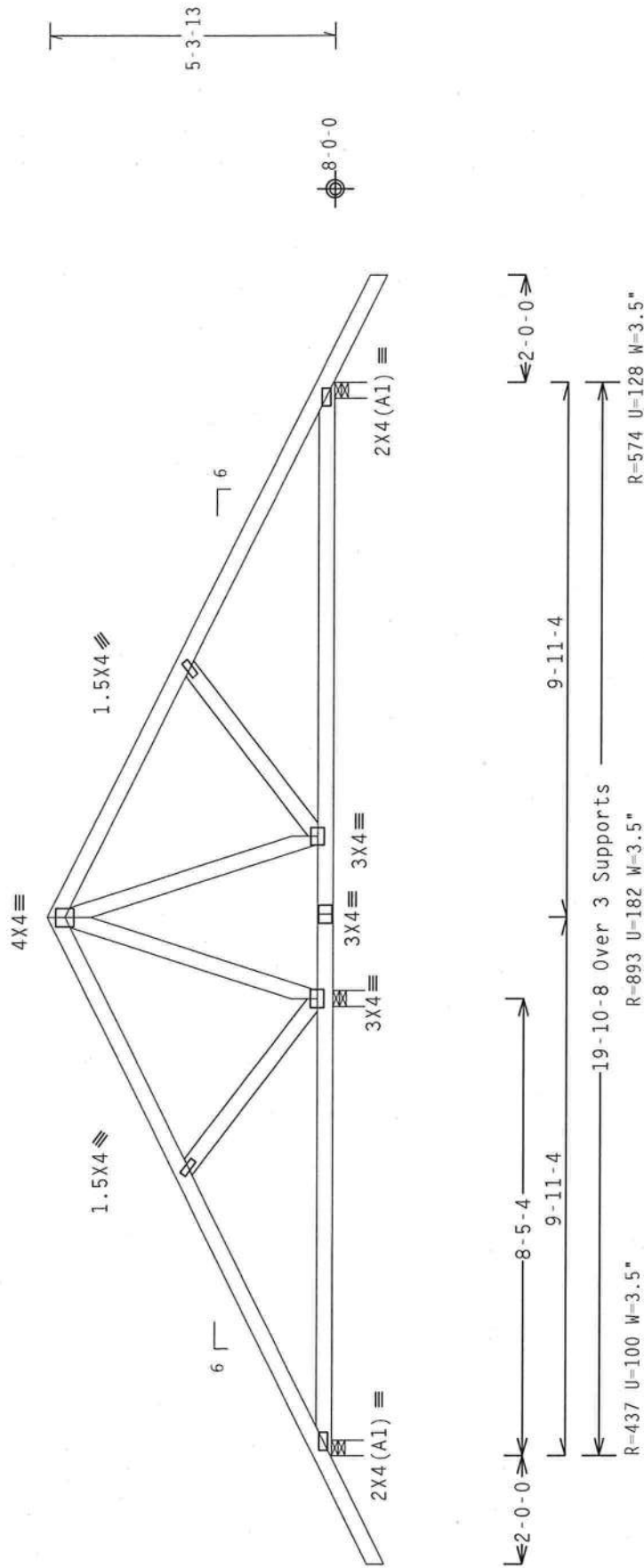
TC LL	20.0	PSF	REF R8228- 69995
TC DL	10.0	PSF	DATE 01/09/08
BC DL	10.0	PSF	DRW HCUSR8228 08009037
BC LL	0.0	PSF	HC-ENG DAL/AP
TOT.LD.	40.0	PSF	SEQN- 69307
DUR.FAC.	1.25		FROM AH
SPACING	24.0"		JREF- 1TDZ8228Z04

Top	chord	2x4	SP	#2	Dense
3ot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART_ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.55

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

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

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

Scale = 3125"/Ft.

TC LL	20.0	PSF	REF	R8228 - 69996
TC DL	10.0	PSF	DATE	01/09/08
BC DL	10.0	PSF	DRW	HCUSR8228 0809039
BC LL	0.0	PSF	HC-ENG	DAL/AP
TOT.LD.	40.0	PSF	SEQN-	69315
DUR.FAC.	1.25		FROM	AH
SPACING	24.0"		JREF-	1TDZ8228Z04



(8-007--Stanley Crawford Construc Mayfair #7 --, ** - F-GE)

Top chord 2x4 SP #2 Dense
3ot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Gable end supports 8" max rake overhang.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

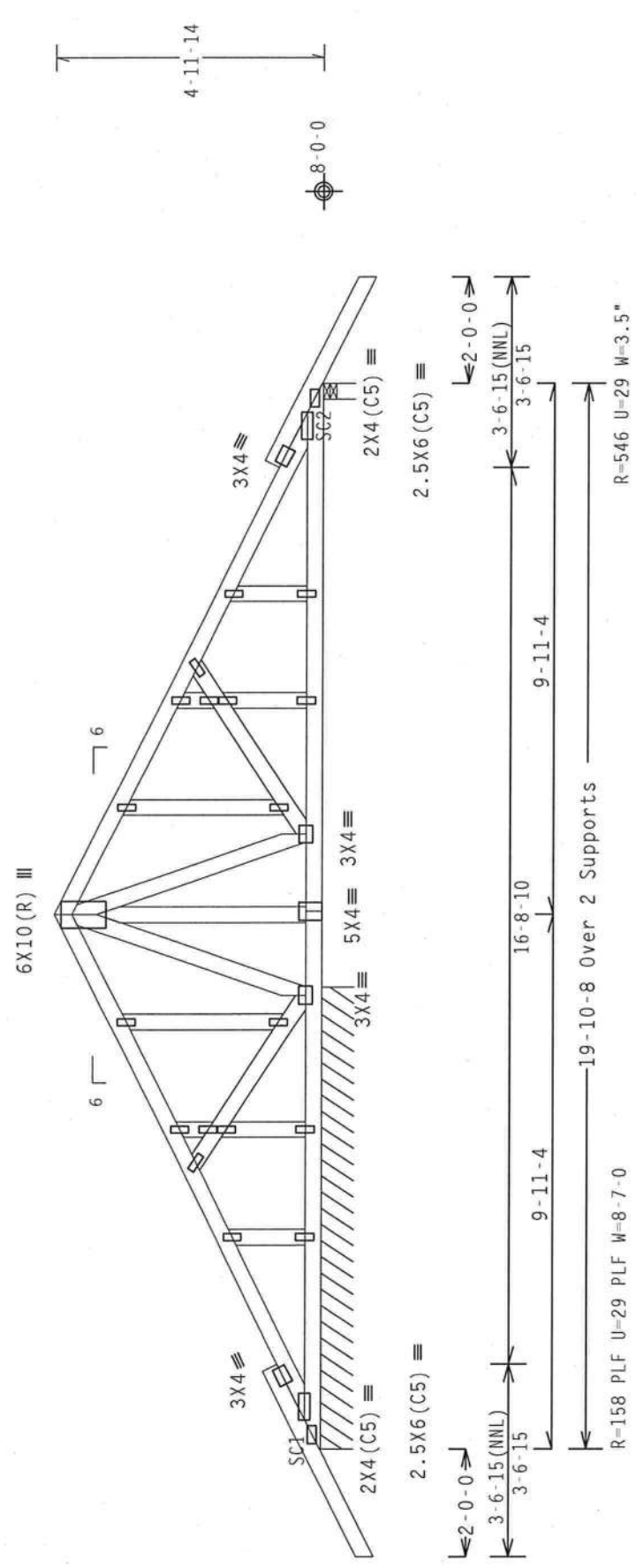
See DWGS A11015EE0207 & GBLLEIIN0207 for more requirements.

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, PART-ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpl(+/-)=0.55

Wind reactions based on MWFRS pressures.

Stacked top chord must NOT be notched or cut in area (NNL).
Dropped top chord braced at 24" o.c. Intervals. Attach stacked top chord (SC) to dropped top chord in notched area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notched area using 3x6.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002 (STD)/FBC

Scale = .3125" / Ft.

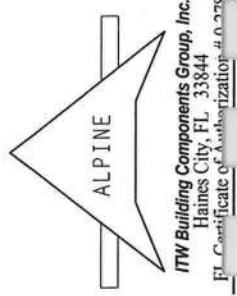
TC LL	20.0 PSF	REF	R8228 - 69997
TC DL	10.0 PSF	DATE	01/09/08
BC DL	10.0 PSF	DRW	HCUSR8228 08009038
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	69330
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDZ8228Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6380 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 A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2017/1606 (4-N/55/7X) ASH 40/60 (4, 8/21-55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY THE DESIGNER. UNLESS OTHERWISE INDICATED, THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

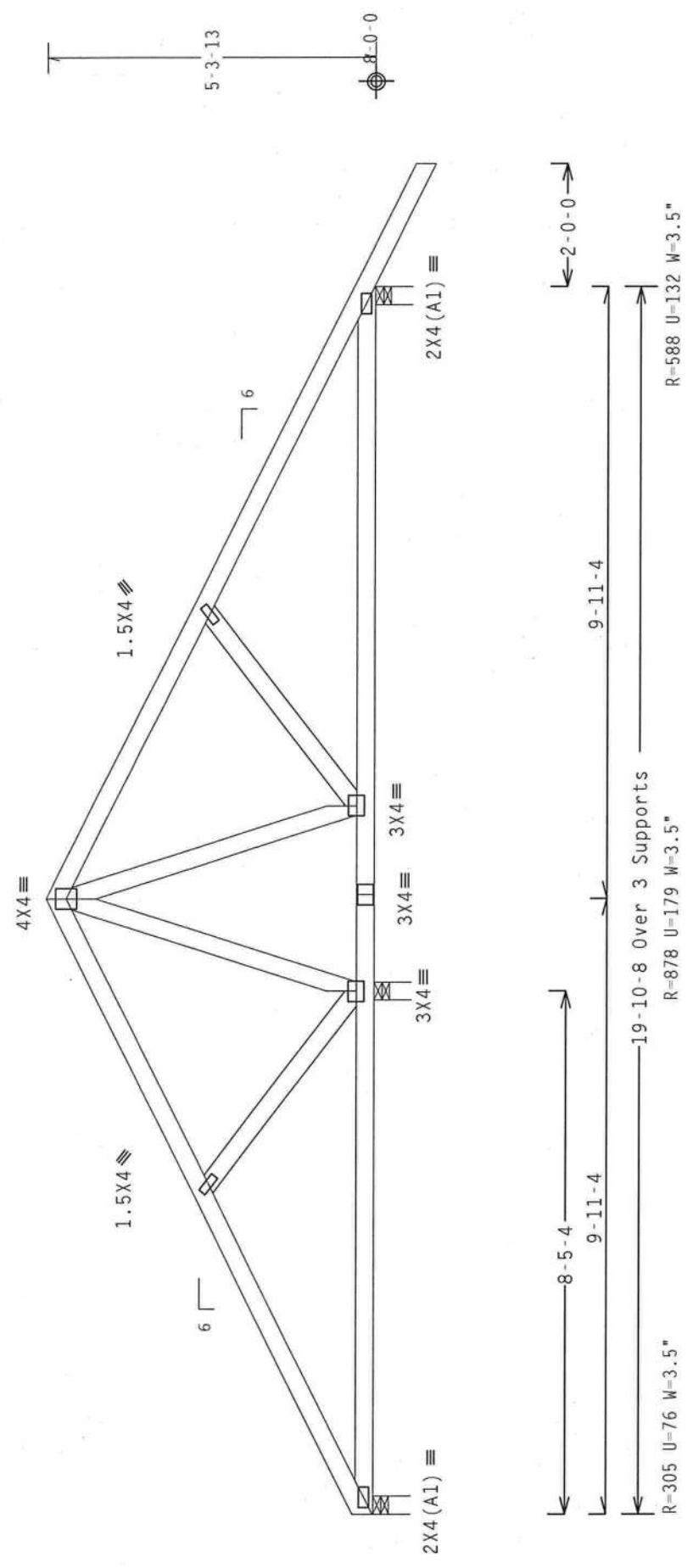


Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.55

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.



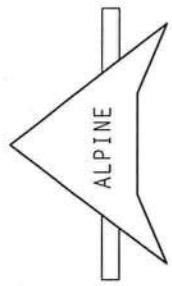
R=305 U=76 W=3.5"

R=878 U=179 W=3.5"

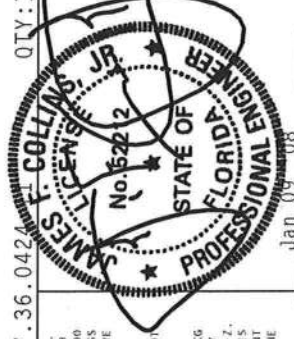
R=588 U=132 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/4/-/R/-	Scale = .375"/Ft.
REF	R8228 -	69998	
DATE	01/09/08		
DRW	HCUSR8228	08009040	
HC-ENG	DAL/AP		
SEQN	69338		
FROM	AH		
JREF	1TDZ8228Z04		



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #00278



****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, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48219) 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 ROS (NATIONAL DESIGN SPEC. BY A/E/P/A) AND TPI. ITW BCG CORRELATOR PLATES ARE MADE OF 2018/16GA (4-M/55/A) ASTM A653 GRADE 40/60 (4, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 9.94
TC - From 62 PLF at 9.94 to 62 PLF at 19.88
3C - From 20 PLF at 0.00 to 20 PLF at 19.88
3C - 1009 LB Conc. Load at 9.10
3C - 1003 LB Conc. Load at 11.10
3C - 975 LB Conc. Load at 13.10
3C - 871 LB Conc. Load at 15.10
3C - 905 LB Conc. Load at 17.10
3C - 888 LB Conc. Load at 19.10

2 COMPLETE TRUSSES REQUIRED

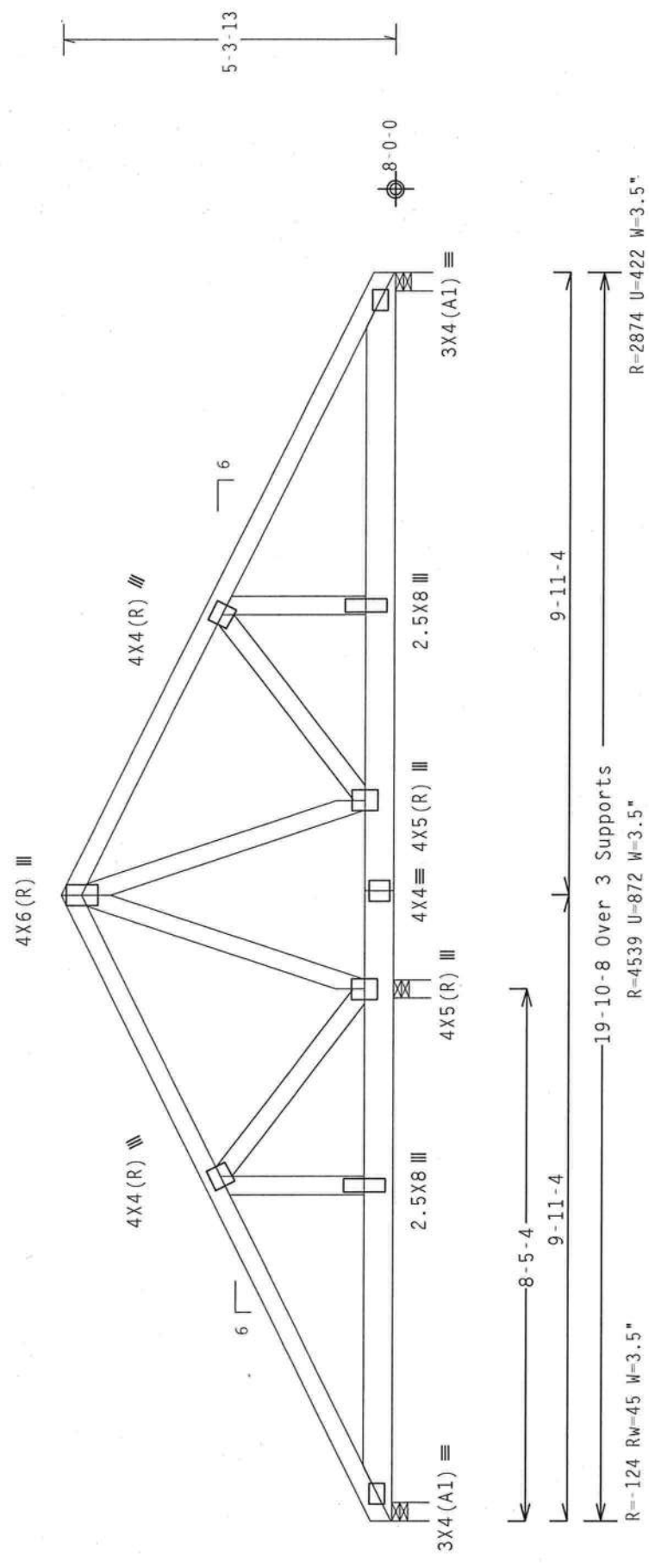
Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)

Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 6.50" 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. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

Cq/RT=1.00(1.25)/0(0) 7.36.0424

QTY:1 FL/-4/-/-R/- Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R8228- 69999
TC DL	10.0 PSF	DATE	01/09/08
BC DL	10.0 PSF	DRW	HCUSR8228 08009041
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	69596
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDZ8228Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RECSI (BUILDING COMPONENT SAFETY) TRUSSING, INSTALLING AND BRACING OF TRUSSES, 2000 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA - 22314, AND WTC (WOOD TRUSS CONSTRUCTION) 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 MDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/166A (4-H/55/R) ASTM A653 GRADE 40/60 (4, 8/21/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANNEX A3 OF TPI-2002 SEC.2.

ALPINE

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

FL Certificate of Authorization #0228

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.55$
Wind reactions based on MMFRS pressures.



R=-110 Rw=44 U=76

R=-35 Rw=24 U=30

Design Crit: TPI-2002 (STD) / FBC

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

7.36.0424

QTY:1

FL/-/4/-/-/R/-

Scale = .5"/Ft.

PLT TYP. Wave

REF R8228-70000

DATE 01/09/08

DRW HCUSR8228 08009017

HC-ENG DAL/AP

SEQN-69342

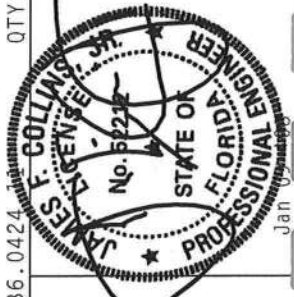
FROM AH

JREF-1TDZ8228Z04

ALPINE

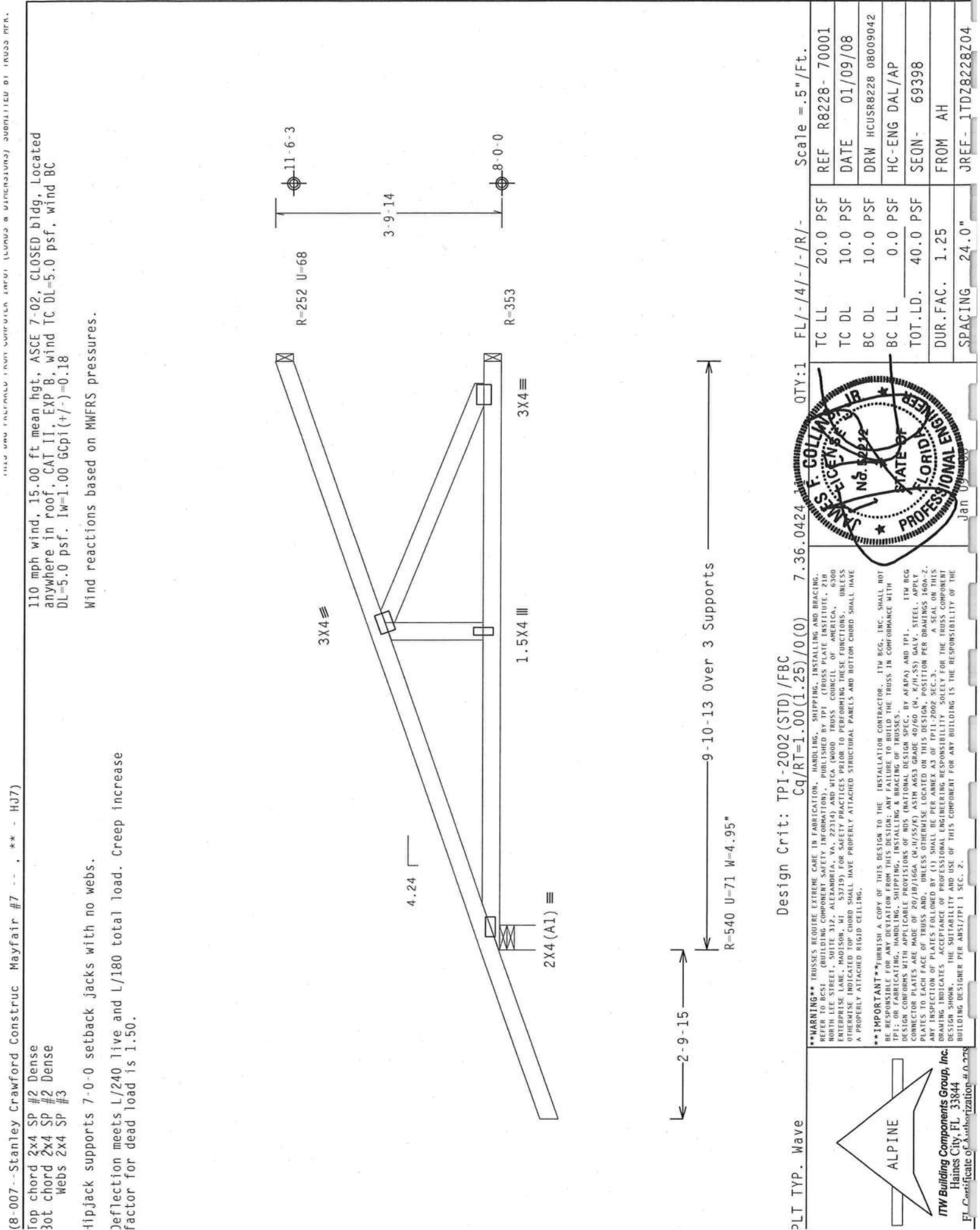
ITW Building Components Group, Inc.
Haines City, FL 33844

FL Certificate of Authorization #0278



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI, 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 AEP&A) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/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 16GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX TPI 1 SEC. 2.



(8-007--Stanley Crawford Construc Mayfair #7 --, ** - HJ7)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Tipjack supports 7-0-0 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

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

PLT TYP. Wave

QTY: 1

FL/-4/-/-R/-

Scale = .5" / Ft.

REF R8228- 70001

DATE 01/09/08

DRW HCUSR8228 08009042

HC-ENG DAL/AP

SEQN- 69398

FROM AH

JREF- 1TD28228Z04

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC LL 0.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

FL/-4/-/-R/-

QTY: 1

7.36.0424

9-10-13 Over 3 Supports

R-540 U=71 W=4.95"

4.24

3X4

1.5X4

3X4

2X4 (A1)

11-6-3

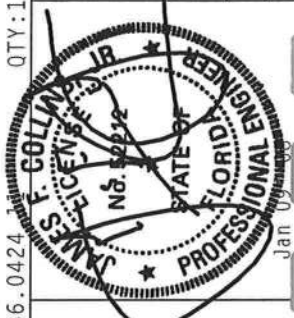
8-0-0

R-252 U=68

R-353

3X4

1.5X4



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL TRUSS COUNCIL OF AMERICA, 2000 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND NTC (WOOD ENTERPRISE LABE, 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 RDS (NATIONAL DESIGN SPEC, BY AERPA) AND TPI.

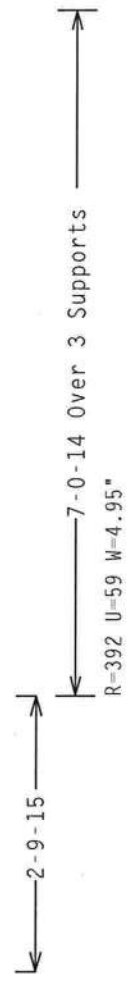
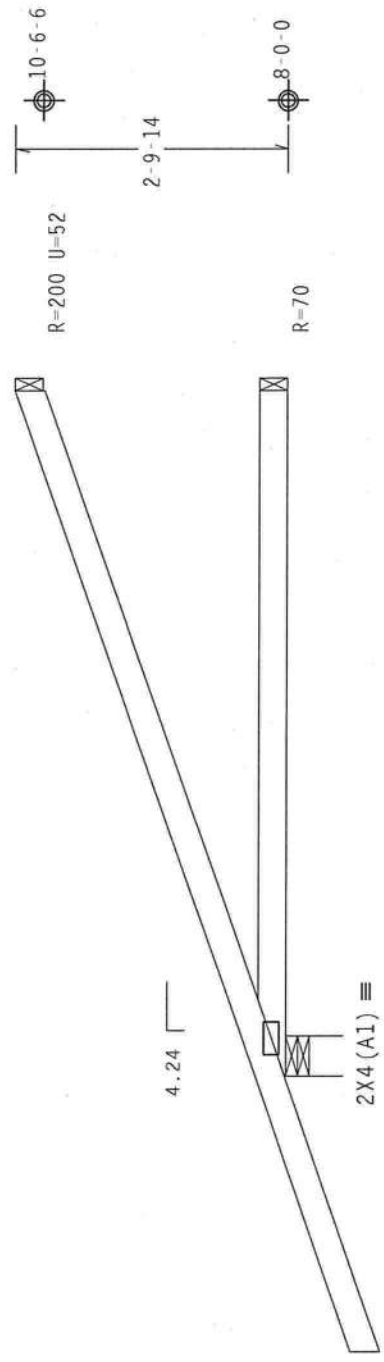
CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/55/4) ASTM A653 GRADE 40/60 (4, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

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

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0228

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Hipjack supports 5-0-0 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.



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

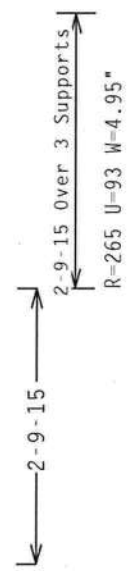
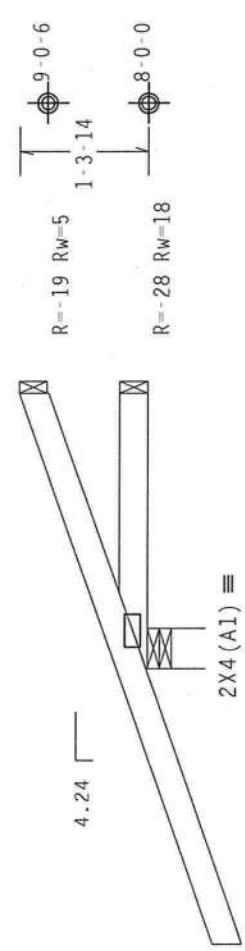
PLT TYP. Wave	QTY:1	FL/-/4/-/R/-	Scale =.5"/Ft.
REF R8228- 70002	TC LL	20.0 PSF	
DATE 01/09/08	TC DL	10.0 PSF	
DRW HCUSR8228 08009021	BC DL	10.0 PSF	
HC-ENG DAL/AP	BC LL	0.0 PSF	
SEQN - 69367	TOT.LD.	40.0 PSF	
FROM AH	DUR.FAC.	1.25	
JREF- 1TDZ8228Z04	SPACING	24.0"	



****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, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTGA (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 RDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (M, K/H-SS) GALV. STEEL. APPLY PLATING TO EXPOSED SURFACES OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA-2, 10GA-3, 10GA-4, 10GA-5, 10GA-6, 10GA-7, 10GA-8, 10GA-9, 10GA-10, 10GA-11, 10GA-12, 10GA-13, 10GA-14, 10GA-15, 10GA-16, 10GA-17, 10GA-18, 10GA-19, 10GA-20, 10GA-21, 10GA-22, 10GA-23, 10GA-24, 10GA-25, 10GA-26, 10GA-27, 10GA-28, 10GA-29, 10GA-30, 10GA-31, 10GA-32, 10GA-33, 10GA-34, 10GA-35, 10GA-36, 10GA-37, 10GA-38, 10GA-39, 10GA-40, 10GA-41, 10GA-42, 10GA-43, 10GA-44, 10GA-45, 10GA-46, 10GA-47, 10GA-48, 10GA-49, 10GA-50, 10GA-51, 10GA-52, 10GA-53, 10GA-54, 10GA-55, 10GA-56, 10GA-57, 10GA-58, 10GA-59, 10GA-60, 10GA-61, 10GA-62, 10GA-63, 10GA-64, 10GA-65, 10GA-66, 10GA-67, 10GA-68, 10GA-69, 10GA-70, 10GA-71, 10GA-72, 10GA-73, 10GA-74, 10GA-75, 10GA-76, 10GA-77, 10GA-78, 10GA-79, 10GA-80, 10GA-81, 10GA-82, 10GA-83, 10GA-84, 10GA-85, 10GA-86, 10GA-87, 10GA-88, 10GA-89, 10GA-90, 10GA-91, 10GA-92, 10GA-93, 10GA-94, 10GA-95, 10GA-96, 10GA-97, 10GA-98, 10GA-99, 10GA-100. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSSES SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Hipjack supports 2-0-0 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.55
Wind reactions based on MWFRS pressures.



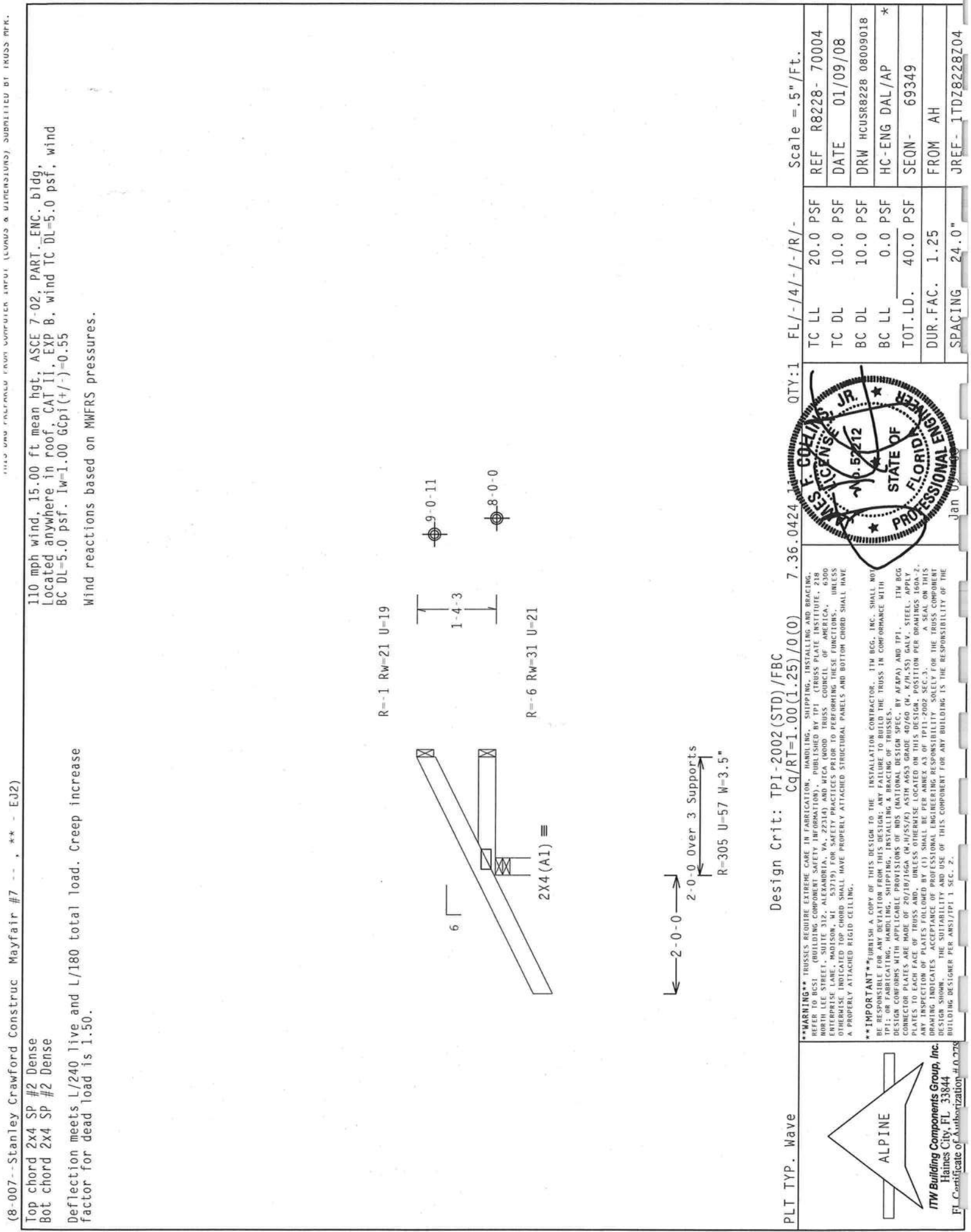
PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-4/-/-R/- Scale=.5"/Ft.

	TC LL	20.0 PSF	REF	R8228- 70003
	TC DL	10.0 PSF	DATE	01/09/08
	BC DL	10.0 PSF	DRW	HCUSR8228 08009022
	BC LL	0.0 PSF	HC-ENG	DAL/AP
	TOT.LD.	40.0 PSF	SEQN-	69354
DUR.FAC.			FROM	AH
SPACING			JREF-	1TDZ8228Z04

****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), 200 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WIGA (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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, 4/H,55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE BUILDING DESIGNER'S ACCEPTANCE OF THE TRUSS FOR THE BUILDING. A SEAL ON THIS DRAWING INDICATES 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
PL Certificate of Authorization #00000000



(8-007--Stanley Crawford Construc Mayfair #7 --, ** - EJ2)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)=0.55

Wind reactions based on MMFRS pressures.

Scale = .5" / Ft.

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

REF R8228- 70004

DATE 01/09/08

DRW HCUSR8228 08009018

HC-ENG DAL/AP

SEQN- 69349

FROM AH

JREF- 1TDZ8228Z04

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

James F. Goelz, Jr.

Professional Engineer

State of Florida

Jan 09

ITW Building Components Group, Inc.

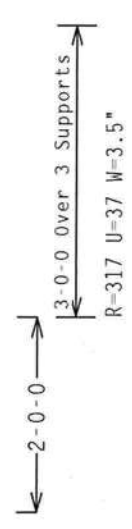
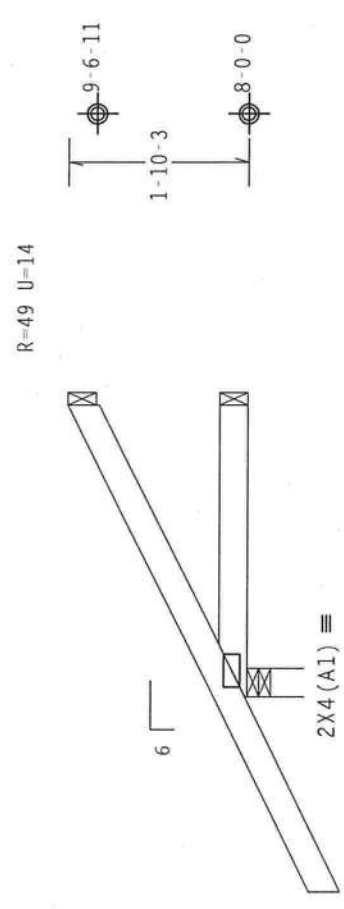
Haines City, FL 33844

FL Certificate of Authorization #00729

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

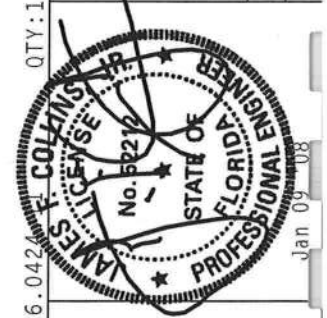
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MMFRS pressures.



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

QTY:1	FL/-/4/-/R/-	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R8228- 70005
TC DL	10.0 PSF	DATE 01/09/08
BC DL	10.0 PSF	DRW HCUSR8228 08009019
BC LL	0.0 PSF	HC-ENG DAL/AP *
TOT.LD.	40.0 PSF	SEQN- 69358
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TDZ8228Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA), 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. 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 NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4.0/55/K) ASTM A653 GRADE 40/60 (4.0/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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 USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0.278

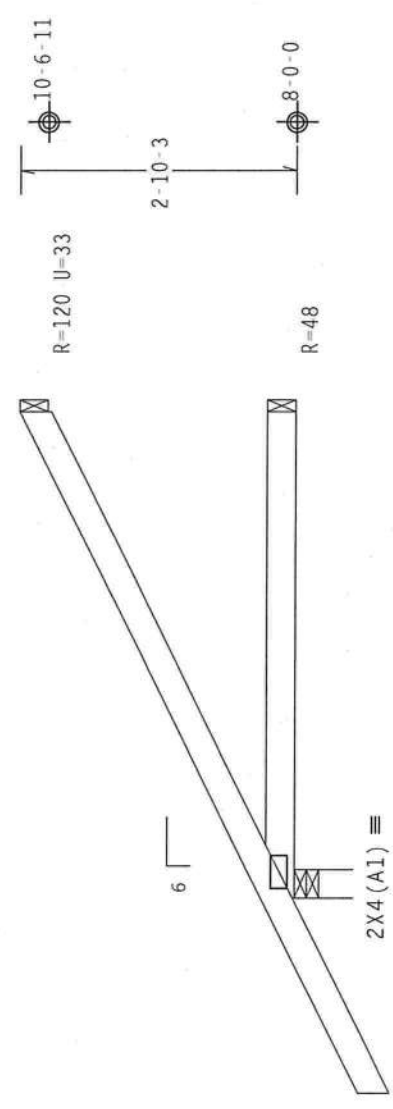
(8-007--Stanley Crawford Construc Mayfair #7 --, ** - EJ5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.



← 2-0-0 →
← 5-0-0 Over 3 Supports →
R=377 U=34 W=3.5"

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

Scale = .5" / Ft.

QTY: 1

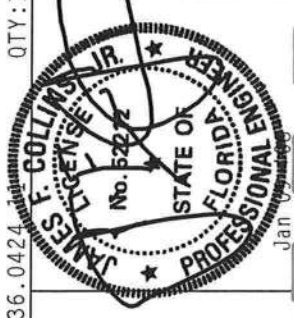
7.36.0424

PLT TYP. Wave

REF R8228- 70006

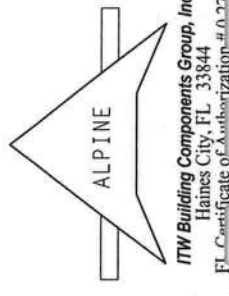
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

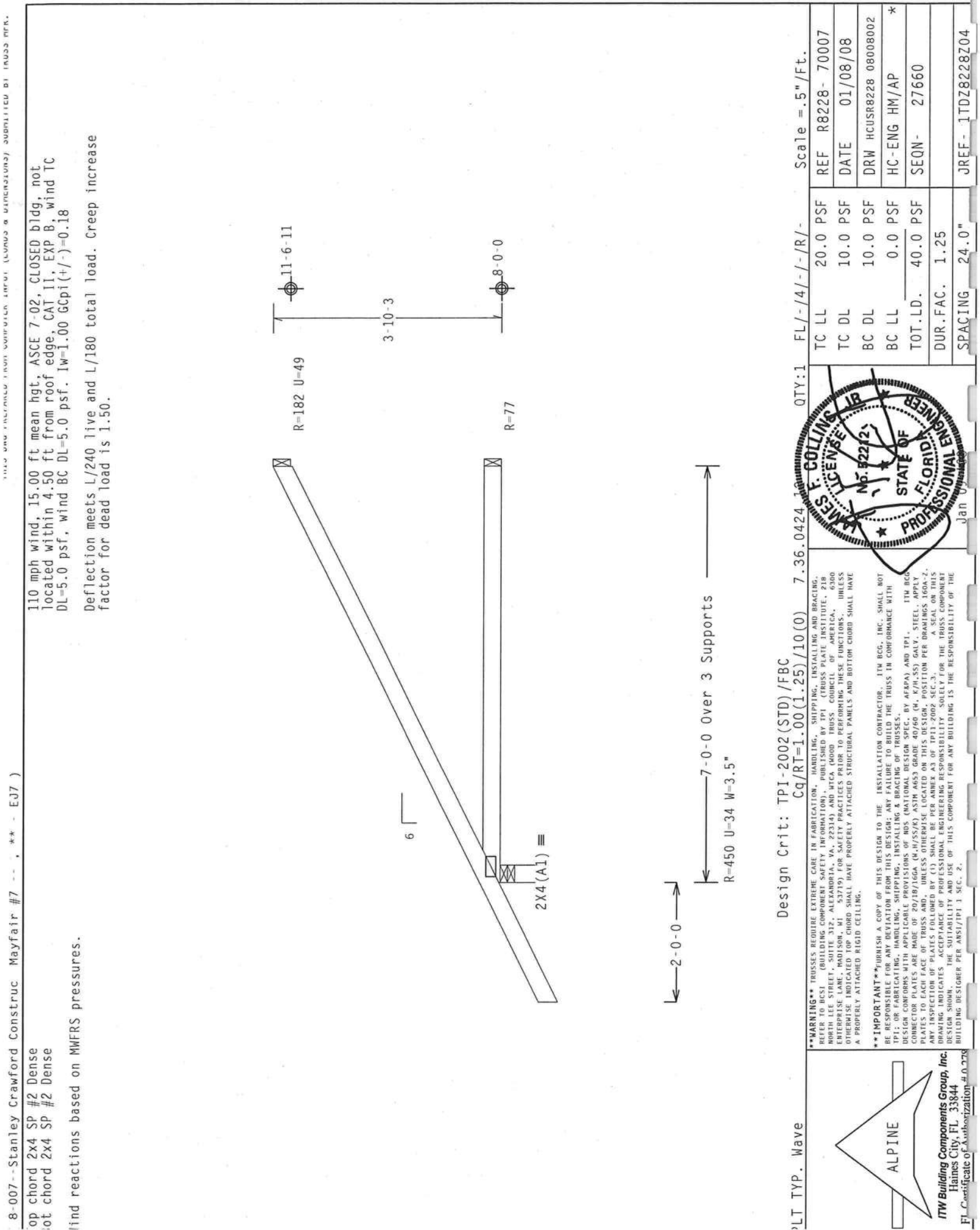
DATE	01/09/08
DRW	HCUSR8228 08009020
HC-ENG	DAL/AP
SEQN	69362
FROM	AH
JREF	1TDZ8228Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY, 1001 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND MICA (MIDDLE INSTITUTE FOR CONSTRUCTION) 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (H-H/SS/K) ASTM A653 GRADE 40/60 (H-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 DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 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. $lw=1.00$ $G_{CPI}(+/-)=0.18$

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

8-007--Stanley Crawford Construc Mayfair #7 -- , ** - EJ7)

op chord 2x4 SP #2 Dense

ot chord 2x4 SP #2 Dense

ind reactions based on MMFRS pressures.

8-007--Stanley Crawford Construc Mayfair #7 -- , ** - EJ7)

op chord 2x4 SP #2 Dense

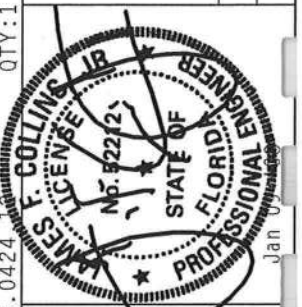
ot chord 2x4 SP #2 Dense

ind reactions based on MMFRS pressures.

Design Crit: TPI-2002(STD)/FBC

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	7.36.0424	QTY: 1	FL/-/4/-/-/R/-	Scale = .5"/Ft.
REF R8228- 70007	TC LL 20.0 PSF	TC LL 20.0 PSF	TC LL 20.0 PSF	REF R8228- 70007
DATE 01/08/08	TC DL 10.0 PSF	TC DL 10.0 PSF	TC DL 10.0 PSF	DATE 01/08/08
DRW HCU8R8228 08008002	BC DL 10.0 PSF	BC DL 10.0 PSF	BC DL 10.0 PSF	DRW HCU8R8228 08008002
HC-ENG HM/AP	BC LL 0.0 PSF	BC LL 0.0 PSF	BC LL 0.0 PSF	HC-ENG HM/AP
SEQN- 27660	TOT.LD. 40.0 PSF	TOT.LD. 40.0 PSF	TOT.LD. 40.0 PSF	SEQN- 27660
DUR.FAC. 1.25	DUR.FAC. 1.25	DUR.FAC. 1.25	DUR.FAC. 1.25	DUR.FAC. 1.25
SPACING 24.0"	SPACING 24.0"	SPACING 24.0"	SPACING 24.0"	SPACING 24.0"
JREF- 1TDZ8228Z04	JREF- 1TDZ8228Z04	JREF- 1TDZ8228Z04	JREF- 1TDZ8228Z04	JREF- 1TDZ8228Z04

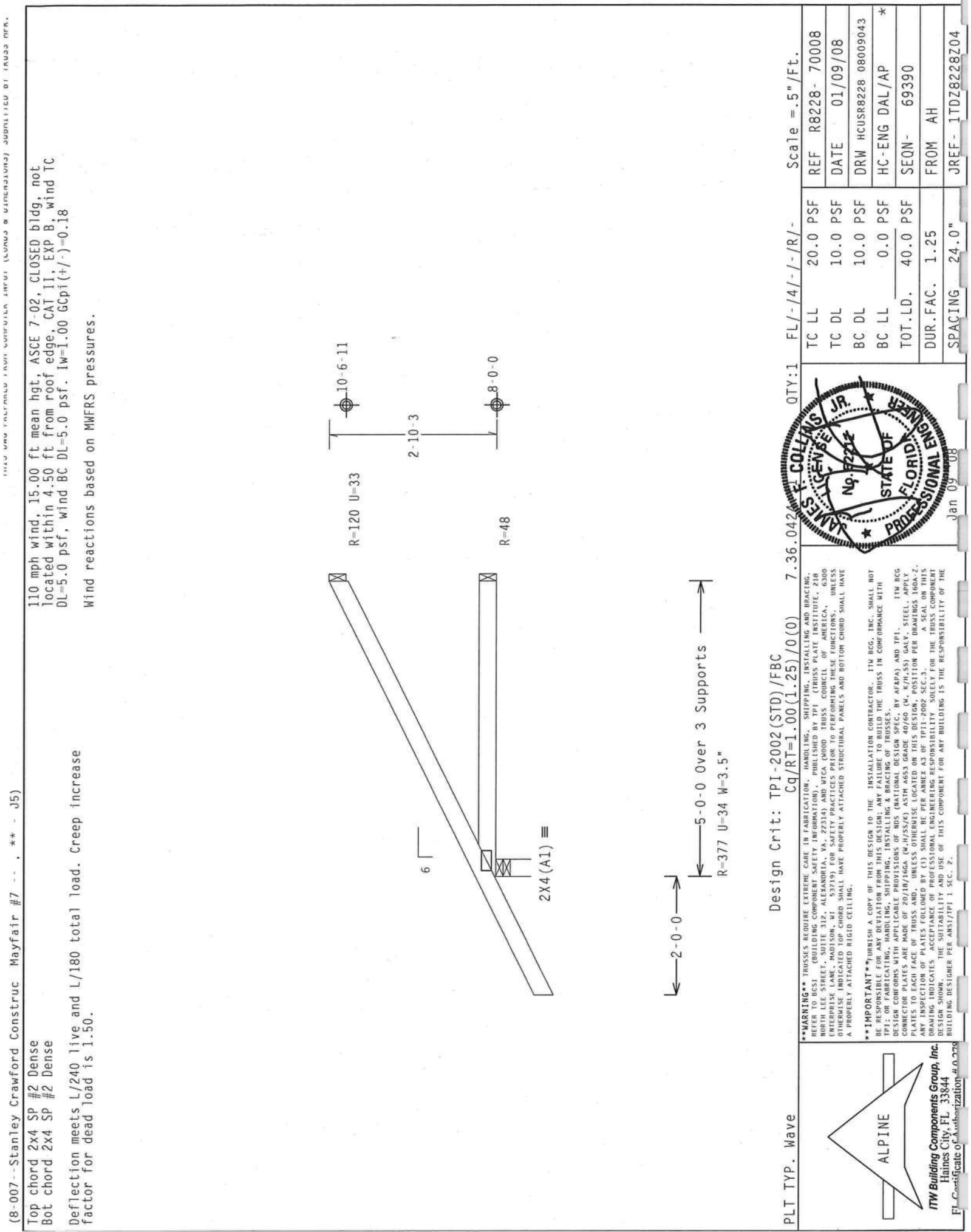


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WTC (WOOD TRUSS COUNCIL OF AMERICA), 6300 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. 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/PJ) AND TPI. CORRELATOR PLATES ARE MADE OF 20/18/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, K/H, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. UNLESS OTHERWISE INDICATED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN FOR THE TRUSS COMPONENT FOR THE TRUSS COMPONENT. DESIGN SHOWN INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0078



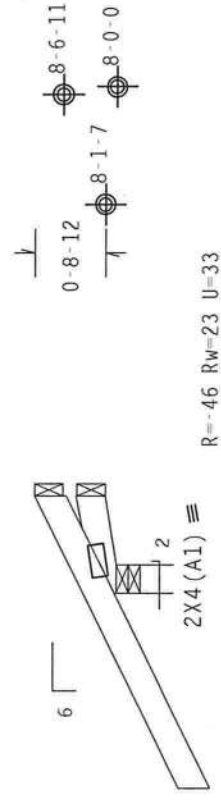
(8-007--Stanley Crawford Construc Mayfair #7 --. ** - J5)		Top chord 2x4 SP #2 Dense		Bot chord 2x4 SP #2 Dense		Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.		110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpi(+/-)=0.18		Wind reactions based on MWFRS pressures.			
PLT TYP. Wave		Design Crit: TPI-2002(STD)/FBC		Cq/RT=1.00(1.25)/0(0)		7.36.0424		QTY:1		FL/-/4/-/-/R/-		Scale =.5"/Ft.	
ALPINE		ITW Building Components Group, Inc.		Haines City, FL 33844		FL Certificate of Authorization #00228		TC LL		20.0 PSF		REF R8228 - 70008	
								TC DL		10.0 PSF		DATE 01/09/08	
								BC DL		10.0 PSF		DRW HCUSR8228 08009043	
								BC LL		0.0 PSF		HC-ENG DAL/AP	
								TOT.LD.		40.0 PSF		SEQN- 69390	
								DUR.FAC.		1.25		FROM AH	
								SPACING		24.0"		JREF- 1TDZ8228Z04	

18-007--Stanley Crawford Construc Mayfair #7 -- , ** - JIA)

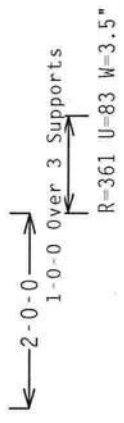
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/240 live and L/180 total load. Creep increase
Factor for dead load is 1.50.
Shim all supports to solid bearing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf. LW=1.00 GCPI(+/-)=0.18
Wind reactions based on MWFRS pressures.

R=-99 Rw=39 U=68



R=-46 Rw=23 U=33



PLT TYP. Wave	Design Crit: TPI-2002(STD)/FBC	QTY: 1	FL/-/4/-/1/R/-	Scale = .5" / Ft.
Cq/RT=1.00(1.25)/0(0)		7.36.0424	TC LL	20.0 PSF
			TE 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	R8228- 70009
			DATE	01/09/08
			DRW	HCUSR8228 08009008
			HC-ENG	DAL/AP
			SEQN-	69409
			FROM	AH
			JREF-	1TDZ8228Z04

ALPINE

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

FL Certificate of Authorization #0000000000

James F. Collins, Jr.
Professional Engineer
State of Florida
No. 52212

Jan 09 08

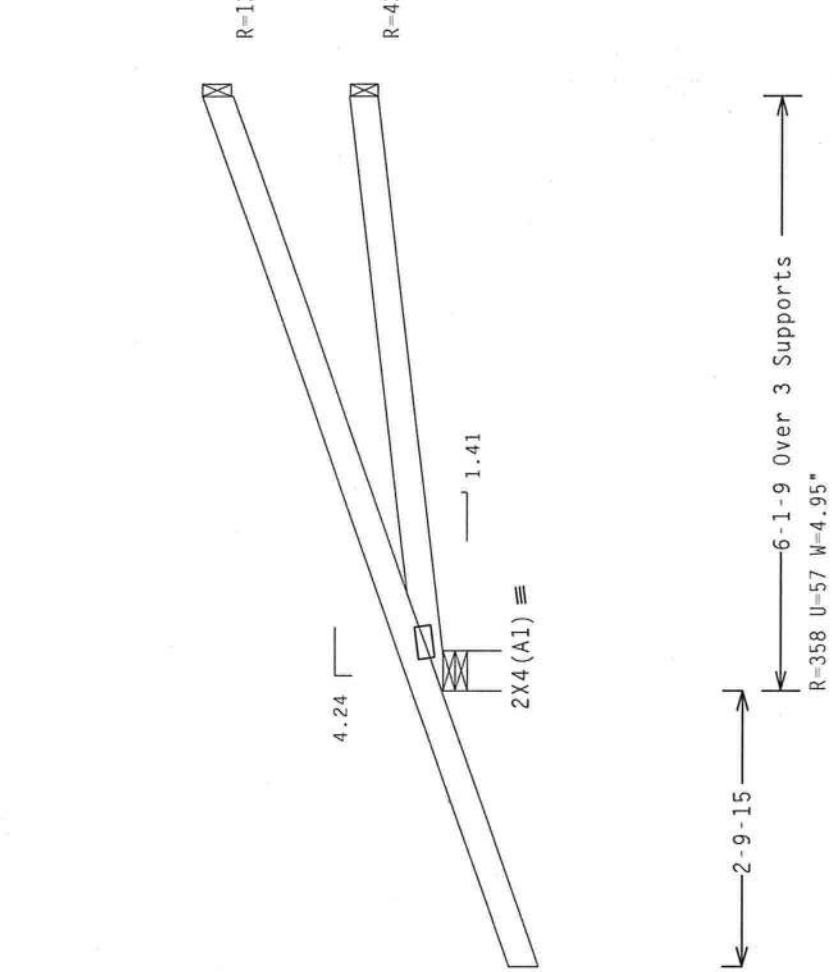
WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 332, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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. 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 ASEA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/10/16GA (4-H/55/16) ASTM A653 GRADE 40/60 (4, 8/11, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN OF THE 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.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Hipjack supports 4-4-0 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.
Shim all supports to solid bearing.



PLT TYP. Wave

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

7.36.0424

QTY:1

FL/-4/-/-R/-

Scale = .5"/Ft.

REF	R8228-70010
DATE	01/09/08
DRW	HCUSR8228 08009044
HC-ENG	DAL/AP
SEQN	69418
FROM	AH
JREF	1TDZ8228Z04

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #00000000

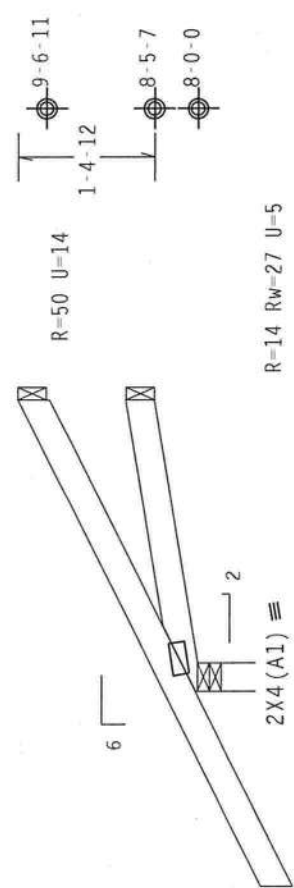
JAMES S. GOLLINS, P.E.
Professional Engineer
State of Florida
No. 182212
Jan 09, 2008

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENTS SAFETY MANUAL (B700) AND BCSI TRUSSING MANUAL (B701) FOR ADDITIONAL INFORMATION. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND WICA (WOOD TRUSS) COUNCIL OF AMERICA, 100 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY 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 AF&PA) AND TPI1. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/M) ASTM A653 GRADE 40/60 (H, 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 (C) 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 DESIGNING THE TRUSS. THE SUBSEQUENT USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
Shim all supports to solid bearing.

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



PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0-028

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

7.36.042

QTY:1

FL/-/4/-/-/R/-

Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R8228- 70011
TC DL	10.0 PSF	DATE	01/09/08
BC DL	10.0 PSF	DRW	HCUSR8228 08009009
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	69414
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDZ8228Z04

JAN 09 08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, SHIPPING, INSTALLING AND BRACING. IF THE TRUSS IS TO BE USED IN A MANNER NOT INTENDED BY THE DESIGNER, THE USER SHALL 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 USER. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES.

Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

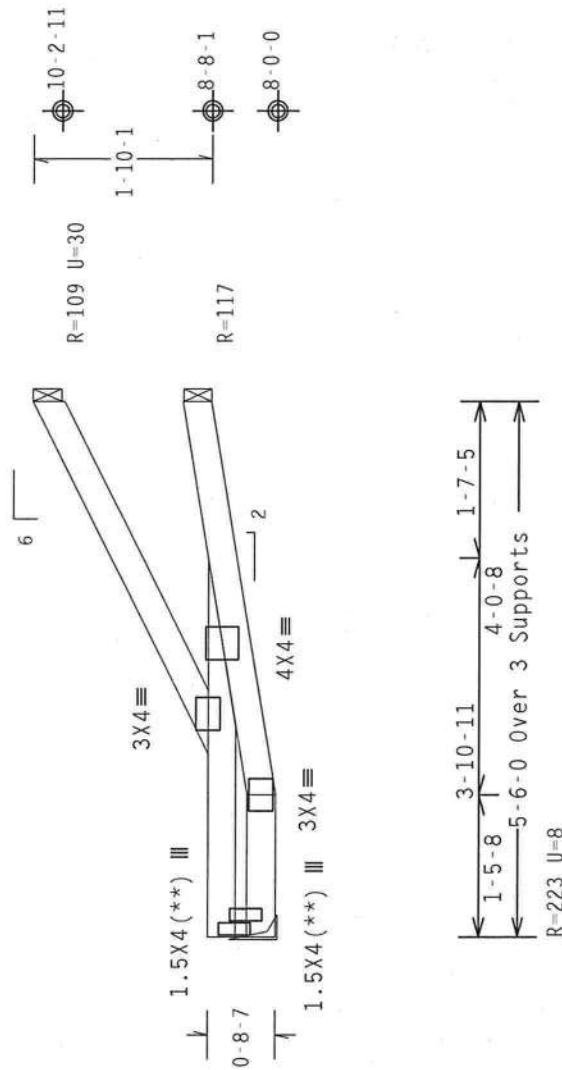
Shim all supports to solid bearing.

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

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

Wind reactions based on MWFRS pressures.

Provide for complete drainage of roof.

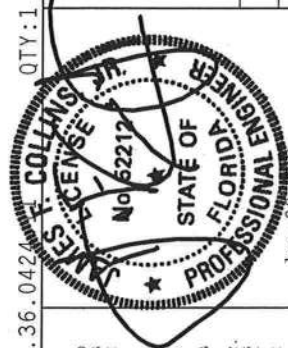
Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)/

PLT TYP. Wave

7.36.0424-1 CO. 0TY:1

$$\text{scale} = 5''/\sqrt{t}$$

TC LL	20.0	PSF	REF	R8228- 70012
TC DL	10.0	PSF	DATE	01/09/08
BC DL	10.0	PSF	DRW	HCU8R8228 08009010
BC LL	0.0	PSF	HC-ENG	DAL/AP
TOT.LD.	40.0	PSF	SEQN-	69474
DUR.FAC.	1.25		FROM	AH
SPACING	24.0"		JREF-	1TD8228Z04



Jan 09 '08

JREF- 1TDZ8228Z04

WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING INFORMATION:

1. THUSSES ARE AVAILABLE FROM THE THUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30201, (404) 487-5500. COUNCILS 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 THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMING WITH APPLICABLE PROVISIONS OF IND (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. 1TN BCG
CONNECTOR PLATES, ARE MADE OF 20/18/16GA (H/25X3) ASTM A653 GRADE 40/60 (H, K/H-S5) GALV. STEEL, APPLY
PLATES TO EACH FACE OF TROSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITIONED PER DRAWINGS 160A-2, 160A-3
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-2002 SEC. 3.2. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROSS COMPONENT
DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING, IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANS/TPI 1 SEC. 2.



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

Haines City, FL 33844
FL Certificate of Authorization #0379

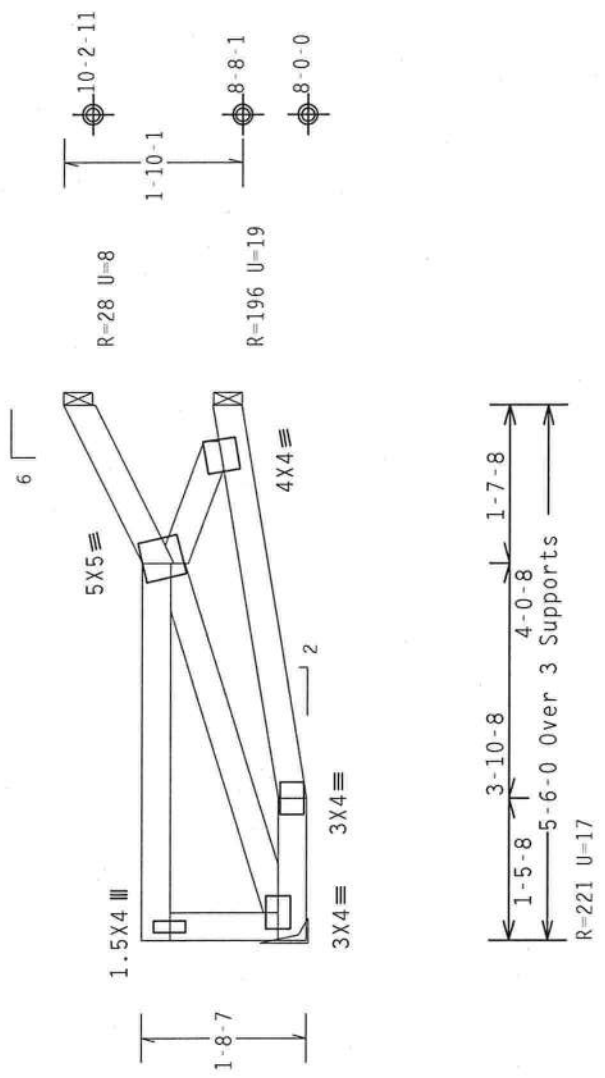
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
webs	2x4	SP	#3	

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

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

Provide for complete drainage of roof.

Shim all supports to solid bearing.

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

QTY:1 FL/-/4/-/-/R/- Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R8228- 70013
TC DL	10.0 PSF	DATE	01/09/08
BC DL	10.0 PSF	DRW	HCU8R8228 0809011
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	69480
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDZ8228704



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 OR TRUSS COMPANY 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 THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING OF TRUSSES.

CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/10GA (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-2. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 43 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER 43/ TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #00798

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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. $I_w=1.00$ GCp1(+/-)=0.18

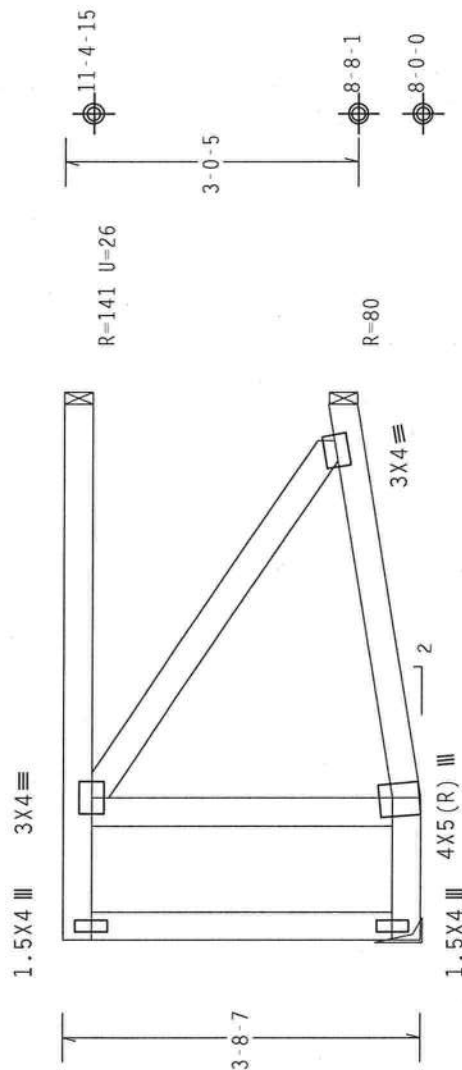
Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Provide for complete drainage of roof.

Shim all supports to solid bearing.

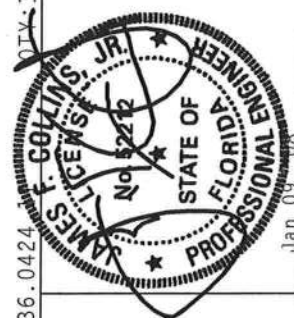


$\overbrace{\hspace{1.5cm}}^{1-5-8}$
 $\overbrace{\hspace{1.5cm}}^{5-6-0}$
 $\overbrace{\hspace{1.5cm}}^{4-0-8}$
 Over 3 Supports
 $R=220 \quad U=23$

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

Scale = .5"/Ft.

TC LL	20.0	PSF	REF R8228- 70015
TC DL	10.0	PSF	DATE 01/09/08
BC DL	10.0	PSF	DRW HCUR8228 08009013
BC LL	0.0	PSF	HC-ENG DAL/AP *
TOT.LD.	40.0	PSF	SEQN- 69490
DUR.FAC.	1.25		FROM AH
SPACING	24.0"		JREF- 1TD8228Z04

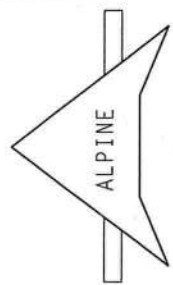


Jan 09 09:08

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO DESIGNER IMMEDIATELY FOR INFORMATION. PUBLISHED BY IPT (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30009. TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48061. (408) 400-0000. FOR SAFETY, ALL TRUSSES MUST BE BRACED AND 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. IPT BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPT OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS COMPANY COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AITRPA) AND TPI. IPT BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (41/55/3X) ASTM A653 GRADE 40/60 (40, 47/51/55) GALV. STEEL. APPLY ALL APPLICABLE TACKLING OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY VERTICAL CHORDS OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PRODUCTION. THE ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN, SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



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

Top chord 2x6 SP #1 Dense
Bot chord 2x4 SP #2 Dense :B2 2x6 SP #2:
Webs 2x4 SP #3

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 5.50
BC - From 20 PLF at 0.00 to 20 PLF at 1.17
BC - From 20 PLF at 1.17 to 20 PLF at 5.50
PLB- 953 LB Conc. Load at (1.56,10.04), (3.56,10.04)

Wind reactions based on MWFRS pressures.

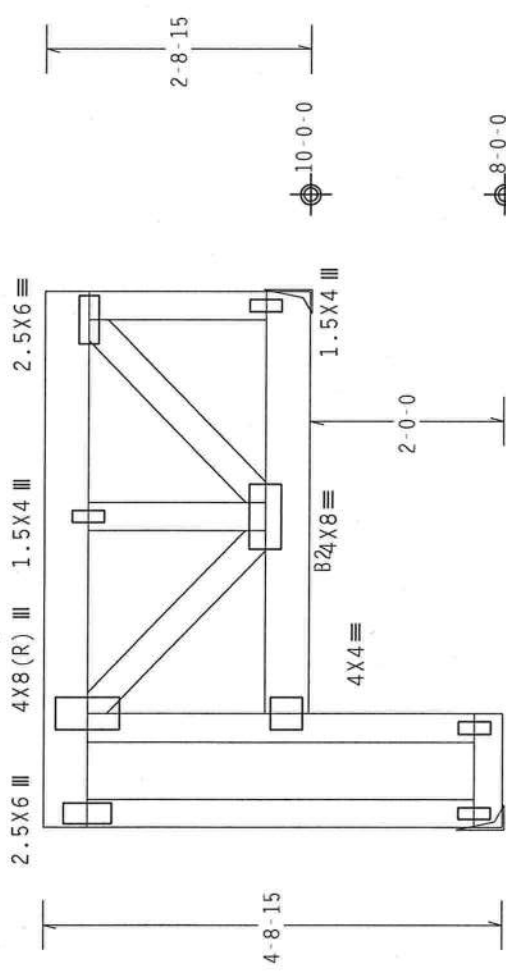
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



1-2-0
4-4-0
5-6-0 Over 2 Supports
R=1238 U=133
R=1108 U=119

PLT TYP. Wave

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

QTY:1 FL/-/4/-/R/- Scale =.5"/Ft.

REF R8228- 70016	TC LL 20.0 PSF
DATE 01/09/08	TC DL 10.0 PSF
DRW HCUSR8228 08009015	BC DL 10.0 PSF
HC-ENG DAL/AP	BC LL 0.0 PSF
SEQN- 69512	TOT.LD. 40.0 PSF
FROM AH	DUR.FAC. 1.25
JREF- 1TD28228Z04	SPACING 24.0"



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PARTS 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.

****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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/16GA (MIL-STD-883C) 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 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. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN. 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

PL Certificate of Authorization #0-528

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:

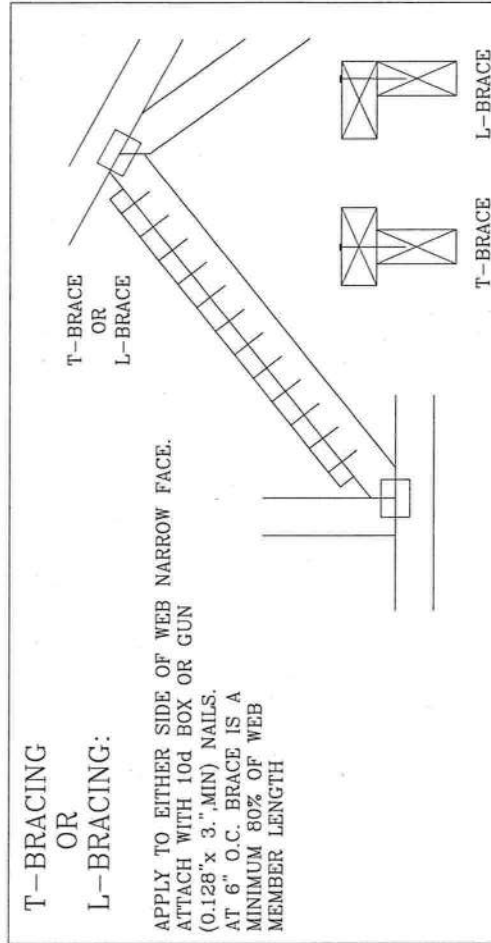
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

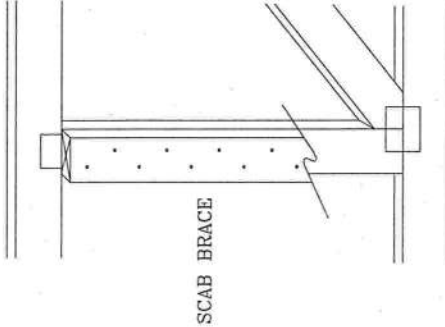
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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



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



THIS DRAWING REPLACES DRAWING 579,640

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLAN INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304 AND WTCA (WOOD TRUSS CONSTRUCTION), 6300 ENTERPRISE LN., MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TASKS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA Q/H/SS/AY ASTH A653 GRADE 40/68 Q/H/SS. ITW BCG CONNECTOR PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER TRUSS MANUFACTURING PRACTICES. 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.
POMPANO BEACH, FLORIDA

JAMES E. COLLINS, JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

[illegible]

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

GABLE END SUPPORTS LOAD FROM 4' 0"

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

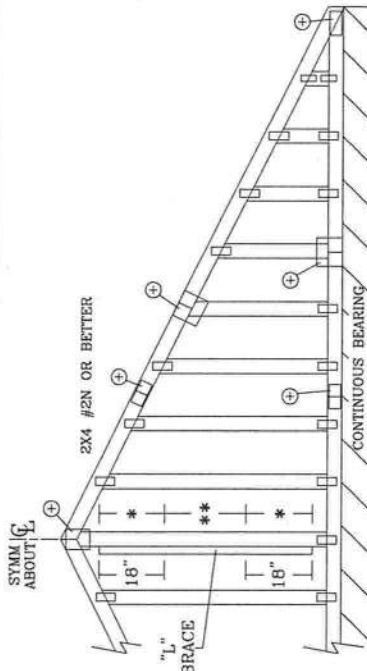
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

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

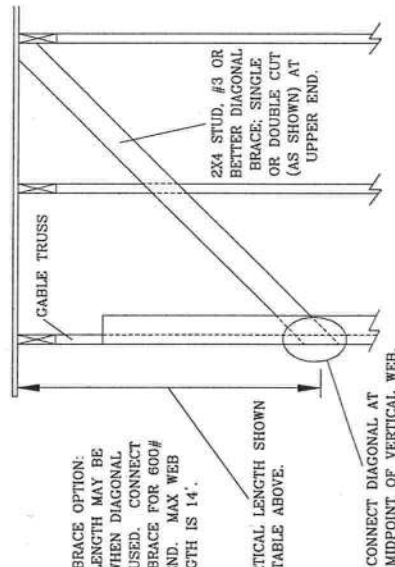
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2 5X4

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



REFER TO CHART ABOVE FOR MAX GALLEY VERTICAL LENGTH.



DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600' AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL

WARNING TRUSSER REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND REMOVAL. REFER TO THE INSTRUCTIONS, PUBLISHED WITH THE CROSS PLATE FOR THE TRUSSER. IF YOU DO NOT HAVE THE INSTRUCTIONS, PUBLISHED WITH THE CROSS PLATE, PLEASE CONTACT THE MANUFACTURER, 219 NORTH LEE STR. SUITE 212, ALEXANDRIA, VA 22304, TEL: 703/577-1919, FAX: 703/577-1920, WWW: WWW.STRUSSER.COM. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, TOP CHORD SHALL HAVE COILING AT ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID GEEPLY.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG INC., SHALL BE RESPONSIBLE FOR THE DEVIATION FROM THIS DESIGN ANY FAILURE IN BUILDING THE TRUSS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND/OR APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY REFERENCE TO THE CONNECTION DETAIL WITH PLATE CONNECTORS MADE OF 20#/18/16GA ASTM A653 GRADE 40/60 A/K/H/SS GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 60A-2. ANY INSPECTION OF PLATES FOLLOWED BY C/D SHALL BE PER AMERICAN AXES AT 1-200D SEC 3. A SEAL ON THIS DRAIVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER'S SIGNATURE AS RESPONSIBILITY FOR THIS DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/APTI 1 SEC. 2.

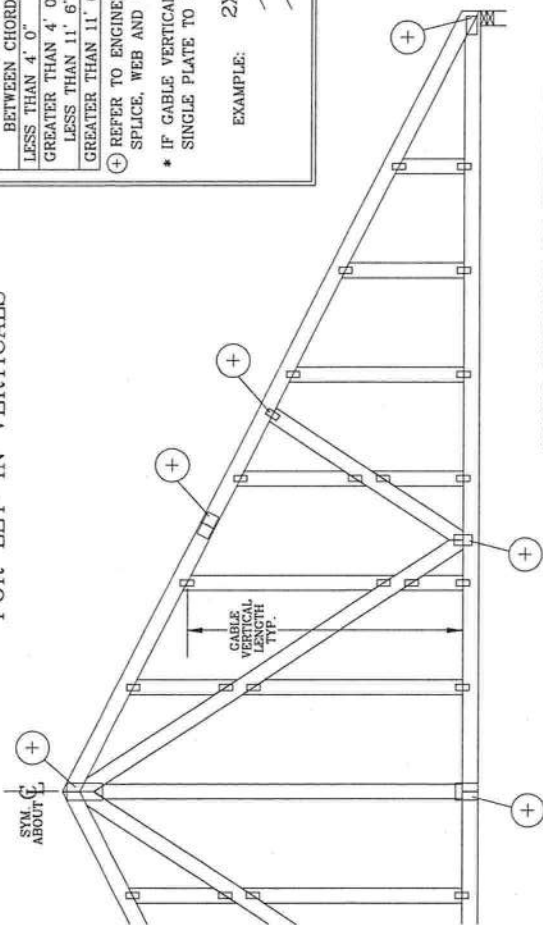
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

REF	ASCE7-02-GABI1015
DATE	2/23/07
DRWG	A11015EE0207
-ENG	

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

GABLE DETAIL FOR LET-IN VERTICALS



GABLE VERTICAL PLATE SIZES

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

⊕ 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.

EXAMPLE: 2X4 2X4 2X8

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

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

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

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

"T" REINFORCING MEMBER SIZE = 2X4

(1) 2X4 "L" BRACE LENGTH (FROM ABOVE) = 10% = 1.10

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3.1" MIN) TOENAILS AT 4" O.C. PLUS

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

GUN DRIVEN NAILS:

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

(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE
OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207,

A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08015EC0207,

A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08030EC0207

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08015EE0207,

A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08030EE0207

ASCE 7-05 GABLE DETAIL DRAWINGS

A13015ES0207, A12015ES0207, A11015ES0207, A10015ES0207, A08015ES0207,

A13030ES0207, A12030ES0207, A11030ES0207, A10030ES0207, A08030ES0207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLLETIN0207
-ENG	DLJ/KAR

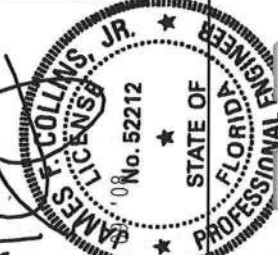
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

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 WPCA (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.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITV BCG CONNECTOR PLATES ARE MADE OF 2018/166A (A/H/SS/A3) ASTM A653 GRADE 40/60 (A/K/H/SS) PER ANNEALING PER TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA





536 SE Baya Dr.
Lake City, FL 32025
Phone (386) 752-1703

Scientific Pest Management Directed by
Graduate Entomologists

F 78061

Member of Florida & National Pest Management Associations

www.flapest.com

Customer's Name: _____

Lawn & Ornamental Service Performed

	Lawn	Shrubs	Trees
☐ Insecticidal Application	☐	☐	☐
☐ Fungicidal Application	☐	☐	☐
☐ Granular Fertilizer	☐	☐	☐
☐ Liquid Fertilizer	☐	☐	☐
☐ Herbicide Application	☐	☐	☐
☐ Hydretain Application	☐	☐	☐
☐ Turf Aeration	☐	☐	☐
☐ Other _____	☐	☐	☐
☐ Moss Treatment	☐	☐	☐
☐ Lichen Treatment	☐	☐	☐

Recommendations

- ☐ Continue normal watering & mowing
- ☐ Water lawn as soon as possible
- ☐ Do not water lawn for 3-5 days if possible
- ☐ Do not mow lawn for 3-5 days if possible

Comments: _____

26629

General Household Pest Treatment Performed

☐ Interior Treatment	☐ Cobweb Removal
☐ Exterior Treatment	☐ Rodent Control
☐ Attic	☐ Flea Control
☐ Substructure	☐ Bedbug Control
☐ Other _____	☐ Ticks

Recommendations/Comments

Termite Treatment Performed

- ☐ Subterranean Termite
- ☐ Localized Drywood Termite
- ☐ Tent Fumigation
- ☐ Powder Post Beetles
- ☒ Soil Pretreat
- ☐ Wood Destroying Organisms Inspection
- ☐ Formosan Termite Upgrade

Recommendations/Comments

235 SW Vann Ct
L.C.

☐ Received on Account Only

Customer's Account Number _____

Date 6/15/10

F 78061

Name Stanley Crawford Const.

Address 1482 SW Commercial Gl

City L.C.

State FL

Zip _____

County Col

Phone _____

Charge my:

☐

☐

☐


Cardholder:

(Please print name exactly as it appears on card)

Card #:

Expires:

Serviced by #

F295

Technician Name

Nail

Cash

☐

Check

☐

Charge

☒

On Acct.

☐

Code

11

Description

Soil Pretreat

Amount

75.00

Tax

Total

75.00

Thank You!

Customer Signature: _____

COLUMBIA COUNTY, FLORIDA

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 11-4S-16-02911-307

Building permit No. 000026629

Use Classification SFD, UTILITY

Fire: 25.68

Permit Holder STANLEY CRAWFORD

Waste: 67.00

Owner of Building STANLEY CRAWFORD

Total: 92.68

Location: 235 SW VANN COURT, LAKE CITY, FL

Date: 06/25/2010

Harry Dickson

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 SE BAYA

City: LAKE CITY

Phone: 752 17 03

Site Location: Subdivision MAYFAIR

Lot # _____ Block# _____

Permit # 26629

Address 235 SW VANN

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

DWELLING

2200

226

200

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

6-26-09

Date

900

Time

DAVID FULLER

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

15455

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: 536 SE Bay Ave

City La Brea City Phone 752-1703

Site Location: Subdivision MAY FAIR S/D

Lot # 7 Block# Permit # 24629

Address 735 SW VARNCT.

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Perimeter

286

46 gals

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

6-17-10

Date

11:45

Time

F299

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 So Bay St

City: Lake City **Phone:** 752-1903

Site Location: Subdivision Mayfair

Lot #: 1 **Block #:** 1 **Permit #:** 26629

Address:

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Drive Apron & Sidewalk

29

29

2

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

6/15/10
Date

3:17
Time

NH
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

