

DATE 09/04/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000026192

APPLICANT VIRGINIA DEMONBREUN PHONE 386-365-4356
ADDRESS 1076 SW HIGHFIELD TERR LAKE CITY FL 32024
OWNER DAVID & VIRGINIA DEMONBREUN PHONE 386-365-4356
ADDRESS 485 SW HIGHFIELD TERR LAKE CITY FL 32024
CONTRACTOR OWNER BUILDER PHONE
LOCATION OF PROPERTY 441 S, R 131, R ON MEADOWLANDS RD, R HIGHFIELD TERR,
RIGHT AT CURVE 485.

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 102750.00
HEATED FLOOR AREA 2055.00 TOTAL AREA 2890.00 HEIGHT 22.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 01-6S-16-03761-134 SUBDIVISION MEADOWLANDS SUBDIVISION
LOT 34 BLOCK PHASE 3 UNIT TOTAL ACRES 5.00

000001444
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 07-0666 BK JH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: PLAT REQUIRES FINISH FLOOR OF 83.00FT, ELEVATION CONFIRMATION LETTER
REQUIRED BEFORE SLAB

Check # or Cash 101

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 \$ 515.00 CERTIFICATION FEE \$ 14.45 SURCHARGE FEE \$ 14.45
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 643.90

INSPECTORS OFFICE L. H. H. CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

ck 101 1444/ 26192

For Office Use Only	Application # <u>0708-64</u>	Date Received <u>8/27/07</u>	By <u>CH</u>	Permit # <u>OKJTH 8-3107</u>
Application Approved by - Zoning Official <u>BK</u>		Date <u>28-08-07</u>	Plans Examiner _____	Date _____
Flood Zone <u>NP</u>	Development Permit <u>N/A</u>	Zoning <u>A-3</u>	Land Use Plan Map Category <u>A-3</u>	
Comments <u>Plat Requires Finish floor of 83.0ft Elevation Confirmation Letter Required</u> <u>ET, NOC, Wall Letter</u>				

✓ Applicants Name David or Virginia Demonbreun Phone 384-365-4356
 Address 1076 SW High Field Terrace Lake City, FL. 32024

✓ Owners Name David or Virginia Demonbreun Phone (386) 365-4356
 911 Address 485 SW High Field Terrace Lake City, FL. 32024

✓ Contractors Name owner builder Phone (386) 365-4356
 Address 1076 SW High Field Terrace Lake City, FL. 32024

Fee Simple Owner Name & Address David or Virginia Demonbreun
 Bonding Co. Name & Address N/A 33809
 Architect/Engineer Name & Address Dynagraphics - Frank Futch 921 Shadow Dr. #3 Lakeland FL
 Mortgage Lenders Name & Address None

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

Property ID Number 01-65-03761-134 Estimated Cost of Construction \$110,000

Subdivision Name Meadowlands Subdivision Lot 34 Block _____ Unit _____ Phase 3

Driving Directions Hwy 41-441 South to Hwy 131 (Tustenugee) approx 10 miles South to Meadowlands Subdivision. Right turn into SW onto Meadowlands Dr to right onto SW High Field Terrace. Property on right at curve 485.

Type of Construction CBS-Single family Number of Existing Dwellings on Property 0

✓ Total Acreage 5 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

✓ Actual Distance of Structure from Property Lines - Front 360 Side 150 Side 190 Rear 501

Total Building Height 22' Number of Stories 1 Heated Floor Area 2055 Roof Pitch 6/12
 TOTAL 2390

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.

Virginia E. Demonbreun
 Owner/Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 27 day of 8 20 07.

Personally known _____ or Produced Identification ✓

Contractor Signature _____
 Contractors License Number _____
 Competency Card Number _____
 NOTARY STAMP/SEAL

Laurie Hodson

Notary Signature



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IT8W215-Z0409160131

Truss Fabricator: W.B. Howland
Job Identification: 4679-/DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , **
Truss Count: 6
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Open



Seal Date: 07/09/2007

-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

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. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: -

#	Ref	Description	Drawing#	Date
1	44264--A39		07190059	07/09/07
2	44266--A41		07190034	07/09/07
3	44268--A47		07190035	07/09/07
4	44270--A44		07190062	07/09/07
5	44273--JC1		07190068	07/09/07
6	44278--JH10		07190065	07/09/07

ALPINE



11110 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, Iw=1.00 GCp(+/-)=0.55

End verticals not exposed to wind pressure.

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



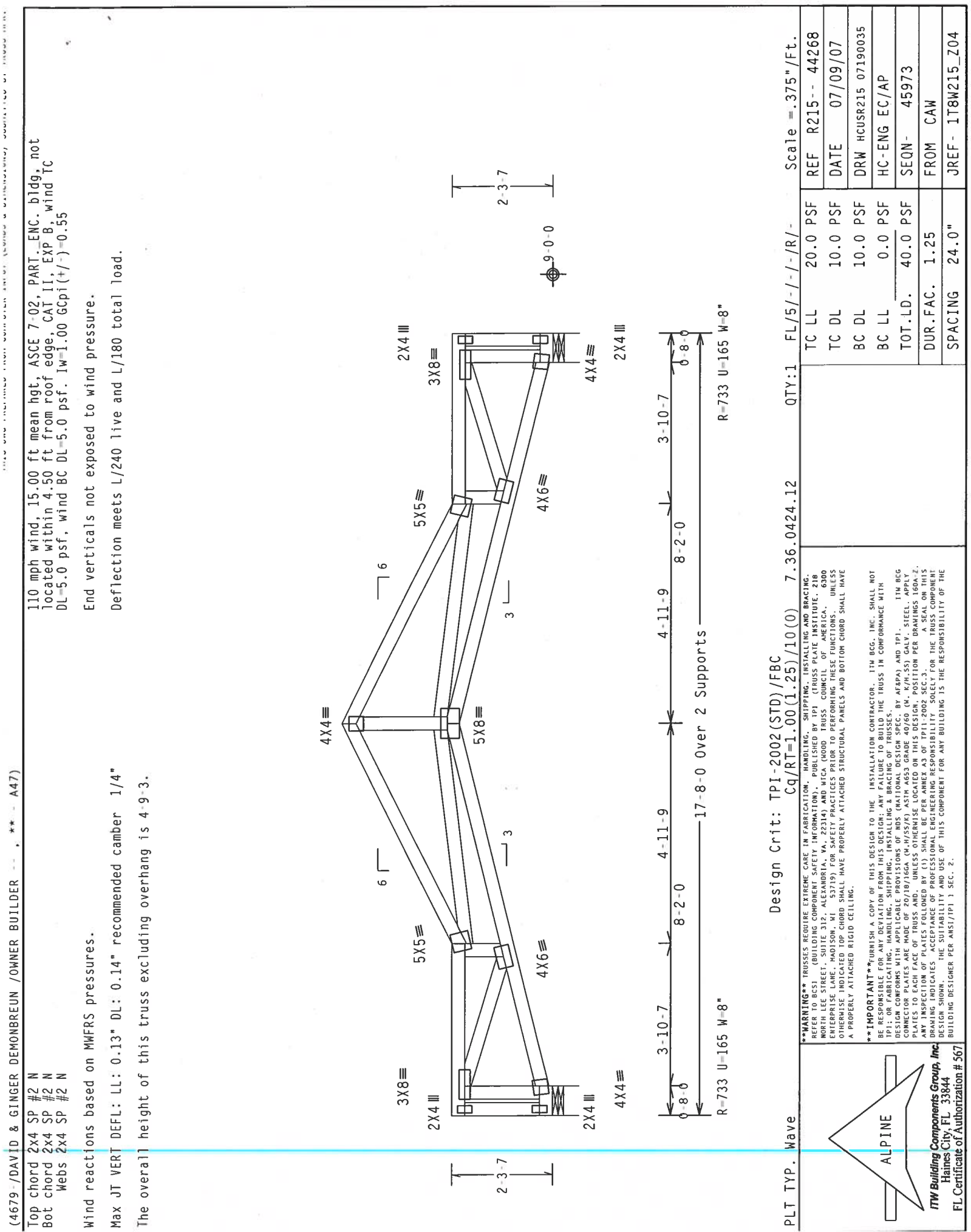
PLT TYP.	Wave	QTY:1	FL/5/-/-/-/	Scale = 375"/Ft.
Design Crit:	TPI-2002(STD)/FBC			
	Cg/RT=1.00(1.25)/10(0)	7.36.0424.12		



ALPINE

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITW TRUSS BUILDING SYSTEMS, 6300 NORTH LEE STREET, SUITE 312, LANDAMORIA, WA 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 4300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 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 INJURY FROM THIS DESIGN. ITW BCG SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. 17W BCG DETECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W. K/IN/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 ITPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">TC LL</td> <td style="width: 33%; text-align: center;">20.0 PSF</td> <td style="width: 33%; text-align: center;">REF R215 - 44266</td> </tr> <tr> <td style="text-align: center;">TC DL</td> <td style="text-align: center;">10.0 PSF</td> <td style="text-align: center;">DATE 07/09/07</td> </tr> <tr> <td style="text-align: center;">BC DL</td> <td style="text-align: center;">10.0 PSF</td> <td style="text-align: center;">DRW HCUSR215 07190034</td> </tr> <tr> <td style="text-align: center;">BC LL</td> <td style="text-align: center;">0.0 PSF</td> <td style="text-align: center;">HC-ENG EC/AP</td> </tr> <tr> <td style="text-align: center;">TOT.LD.</td> <td style="text-align: center;">40.0 PSF</td> <td style="text-align: center;">SEQN - 45978</td> </tr> <tr> <td style="text-align: center;">DUR.FAC.</td> <td style="text-align: center;">1.25</td> <td style="text-align: center;">FROM CAW</td> </tr> <tr> <td style="text-align: center;">SPACING</td> <td style="text-align: center;">24.0"</td> <td style="text-align: center;">JREF - 1T8W215_Z04</td> </tr> </table>	TC LL	20.0 PSF	REF R215 - 44266	TC DL	10.0 PSF	DATE 07/09/07	BC DL	10.0 PSF	DRW HCUSR215 07190034	BC LL	0.0 PSF	HC-ENG EC/AP	TOT.LD.	40.0 PSF	SEQN - 45978	DUR.FAC.	1.25	FROM CAW	SPACING	24.0"	JREF - 1T8W215_Z04
TC LL	20.0 PSF	REF R215 - 44266																				
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BC DL	10.0 PSF	DRW HCUSR215 07190034																				
BC LL	0.0 PSF	HC-ENG EC/AP																				
TOT.LD.	40.0 PSF	SEQN - 45978																				
DUR.FAC.	1.25	FROM CAW																				
SPACING	24.0"	JREF - 1T8W215_Z04																				



Top chord 2x4 SP SS :T2, T3 2x6 SP SS:

Bot chord 2x6 SP SS

Webbs 2x4 SP #2 N

:Lt Wedge 2x6 SP #2 N::Rt Wedge 2x6 SP #2 N:

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

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.14" due to live load and 0.15" due to dead load.

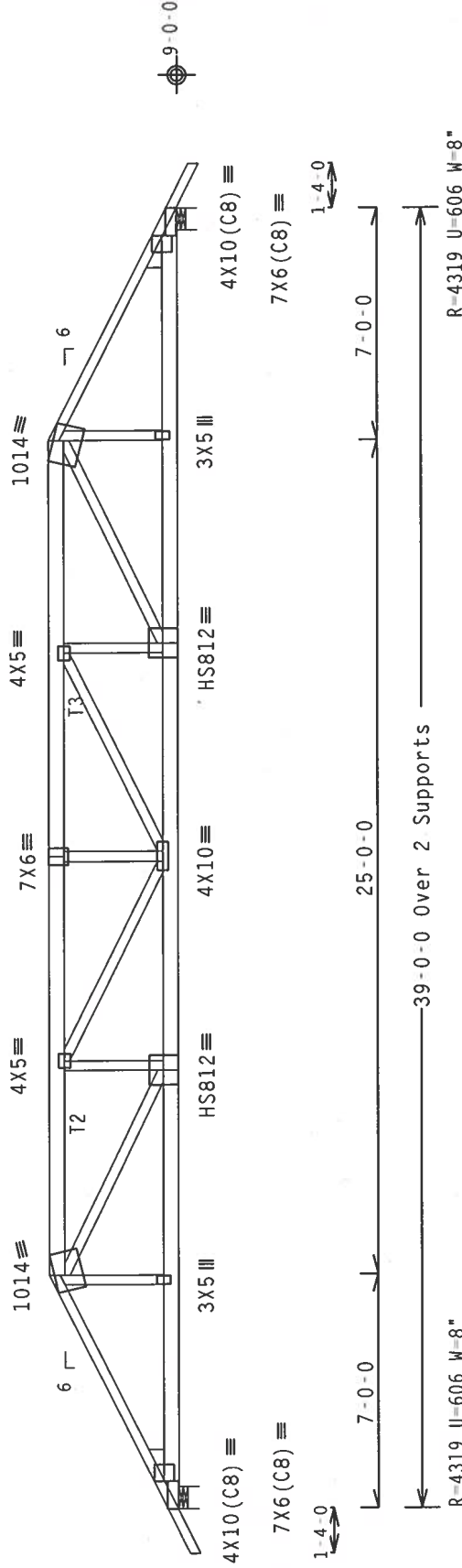
Deflection meets L/240 live and L/180 total load.

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.33 to 62 PLF at 7.00
TC - From 62 PLF at 7.00 to 62 PLF at 32.00
TC - From 62 PLF at 32.00 to 62 PLF at 40.33
BC - From 4 PLF at 1.33 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 39.00
BC - From 4 PLF at 39.00 to 4 PLF at 40.33
TC - 371 LB Conc. Load at 7.06, 31.94
TC - 189 LB Conc. Load at 9.06, 11.06, 13.06, 15.06, 17.06
BC - 624 LB Conc. Load at 7.00, 32.00
BC - 83 LB Conc. Load at 9.06, 11.06, 13.06, 15.06, 17.06
19.06, 19.94, 21.94, 23.94, 25.94, 27.94, 29.94

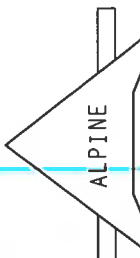
Calculated vertical deflection is 0.68" due to live load and 0.69" due to dead load at X = 19-6-0.

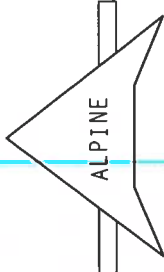


Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

Scale = .1875"/Ft.

PLT TYP. 20 Gauge HS, Wave		Cq/RT=1.00/(1.25)/10(0)		7.36.0424.12		QTY:1		FL/5/-/-/R/-		Scale =.1875"/Ft.	
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 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 ANYTHING OTHER THAN THIS DESIGN. FURNISH TO BUILD THE TRUSS IN CONFORMANCE WITH 1; OR FABRICATE, HANDLING, SHIPPING AND BRACING OF TRUSSES. DESIGN FOR TRUSSES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ITW BCG DESIGN FOR TRUSSES ARE MADE OF 20/18/16GA (W/45/PSY) ASTM A653 GRADE 40/60 (W/ KYN55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.											
 ITW Building Components Group, Inc Haines City, FL 33844 Flt. Certificate of Authorization # 567											
TC LL		20.0		PSF		REF		R215--		44270	
TC DL		10.0		PSF		DATE		07/09/07			
BC DL		10.0		PSF		DRW		HCUSR215		07190062	
BC LL		0.0		PSF		HC-ENG		DAB/AP			
TOT.LD.		40.0		PSF		SEQN		44691			
DUR.FAC.		1.25				FROM		CAW			
SPACING		24.0"				JREF		1T8W215_Z04			

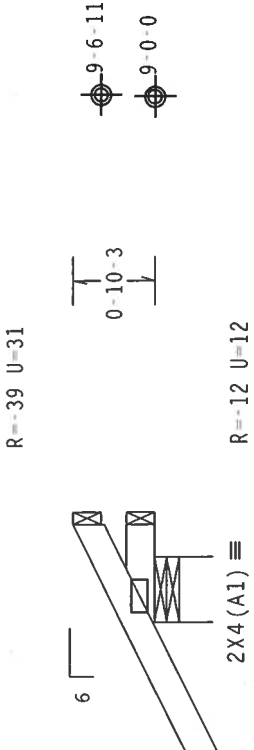


ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

.....

The overall height of this truss excluding overhang is 0-10-3.



$\leftarrow 1-4-0 \rightarrow$
 1-0-0 Over 3 Supports
 $R=222 \quad U=40 \quad W=8$

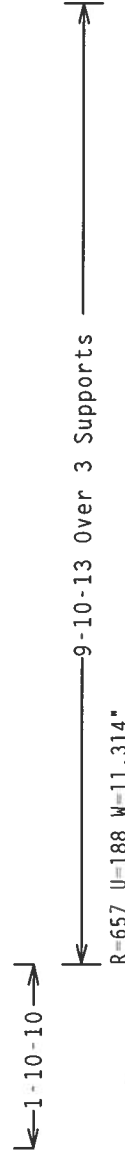
PLT TYP.	Wave		Design Crit:	TPI - 2002 (STD) / FBC	Cq/RT=1.00(1.25)/10(0)	7.36.0424.12	QTY:1	FL/5/-/-/-/FT.	Scale = 5"/Ft.
			WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RECESS ALL BUILDING COMPONENTS SAFELY INTO THE TRUSS CHORDS BY THE FOLLOWING DIMENSIONS: 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, MI 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. DONNER COMPLIES WITH MINIMUM BASIC PROVISIONS OF AISC (MINIMUM DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG HAS BEEN ADVISED THAT THE TRUSSES WILL BE USED AS PART OF AN EXISTING ROOF SYSTEM. POSITION PER DRAWINGS 160A Z. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE ANNEXED ON THIS DESIGN. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPI1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.						
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567									
			TC LL		20.0 PSF		REF		R215-- 44273
			TC DL		10.0 PSF		DATE		07/09/07
			BC DL		10.0 PSF		DRW		HCSR215 07190068
			BC LL		0.0 PSF		HC-ENG		DAB/AP
			TOT.LD.		40.0 PSF		SEIN-		44534
			DUR.FAC.		1.25		FROM		CAW
			SPACING		24.0"		JREF-		1T8W215_Z04

SPECIAL LOADS

LUMBER DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25			
TC	From	61 PLF at 1.89 to	61 PLF at 9.90
BC	From	4 PLF at 1.89 to	4 PLF at 0.00
BC	From	20 PLF at 0.00 to	20 PLF at 9.90

TC	78	LB	Conc.	Load at	1.48
TC	131	LB	Conc.	Load at	4.31
TC	259	LB	Conc.	Load at	7.13
BC	23	LB	Conc.	Load at	1.48
BC	52	LB	Conc.	Load at	4.31
BC	111	LB	Conc.	Load at	7.13

The overall height of this truss excluding overhang is 3-9-14.



Scale = .5"/Ft.

PLT TYP.	Wave	Cq/RT=1.00(1.25)/10(0)	7.36.0424.12

TC LL	20.0	PSF	REF	R215 -	44278
TC DL	10.0	PSF	DATE	07/09/07	
BC DL	10.0	PSF	DRW	HCUSR215	07190065
BC LL	0.0	PSF	HC-ENG	DAB/AP	
TOT.LD.	40.0	PSF	SEON-	44656	
DUR.FAC.	1.25		FROM	CAW	
SPACING	24.0"		JREF-	1T8W215	Z04

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

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T8W215-Z0409160131

Truss Fabricator: W.B. Howland
Job Identification: 4679-/DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , **
Truss Count: 46
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
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Open



Notes:

Seal Date: 07/09/2007

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

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Details: -

#	Ref	Description	Drawing#	Date
1	44226--A1		07190036	07/09/07
2	44227--A2		07190037	07/09/07
3	44228--A3		07190038	07/09/07
4	44229--A4		07190038	07/09/07
5	44230--A5		07190039	07/09/07
6	44231--A6		07190019	07/09/07
7	44232--A7		07190020	07/09/07
8	44233--A8		07190026	07/09/07
9	44234--A9		07190027	07/09/07
10	44235--A10		07190028	07/09/07
11	44236--A11		07190029	07/09/07
12	44237--A12		07190030	07/09/07
13	44238--A13		07190031	07/09/07
14	44239--A14		07190032	07/09/07
15	44240--A15		07190021	07/09/07
16	44241--A16		07190022	07/09/07
17	44242--A17		07190033	07/09/07
18	44243--A18		07190042	07/09/07
19	44244--A19		07190044	07/09/07
20	44245--A20		07190041	07/09/07
21	44246--A21		07190047	07/09/07
22	44247--A22		07190040	07/09/07
23	44248--A23		07190043	07/09/07
24	44249--A24		07190045	07/09/07
25	44250--A25		07190046	07/09/07
26	44251--A26		07190051	07/09/07
27	44252--A27		07190052	07/09/07
28	44253--A28		07190048	07/09/07
29	44254--A29		07190049	07/09/07
30	44255--A30		07190050	07/09/07
31	44256--A31		07190053	07/09/07
32	44257--A32		07190054	07/09/07
33	44258--A33		07190055	07/09/07
34	44259--A34		07190056	07/09/07
35	44260--A35		07190057	07/09/07
36	44262--A37		07190023	07/09/07

#	Ref	Description	Drawing#	Date
37	44263--A38		07190024	07/09/07
38	44265--A40		07190025	07/09/07
39	44267--A42		07190060	07/09/07
40	44269--A43		07190061	07/09/07
41	44271--A45		07190063	07/09/07
42	44272--A46		07190064	07/09/07
43	44274--JC3		07190067	07/09/07
44	44275--JC5		07190066	07/09/07
45	44276--JE7		07190058	07/09/07
46	44277--JE7A		07190069	07/09/07



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: 1T8W215-Z0409160131

Truss Fabricator: W.B. Howland
Job Identification: 4679-/DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , **
Truss Count: 1
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Open

Notes:

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

Seal Date: 07/09/2007

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	44226--A1		07190036	07/09/07

ALPINE



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

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

Wind reactions based on MWFRS pressures.

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

+ MEMBER TO BE Laterally Braced For Horizontal Wind Loads.
Bracing System To Be Designed And Furnished By Others.

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

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

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

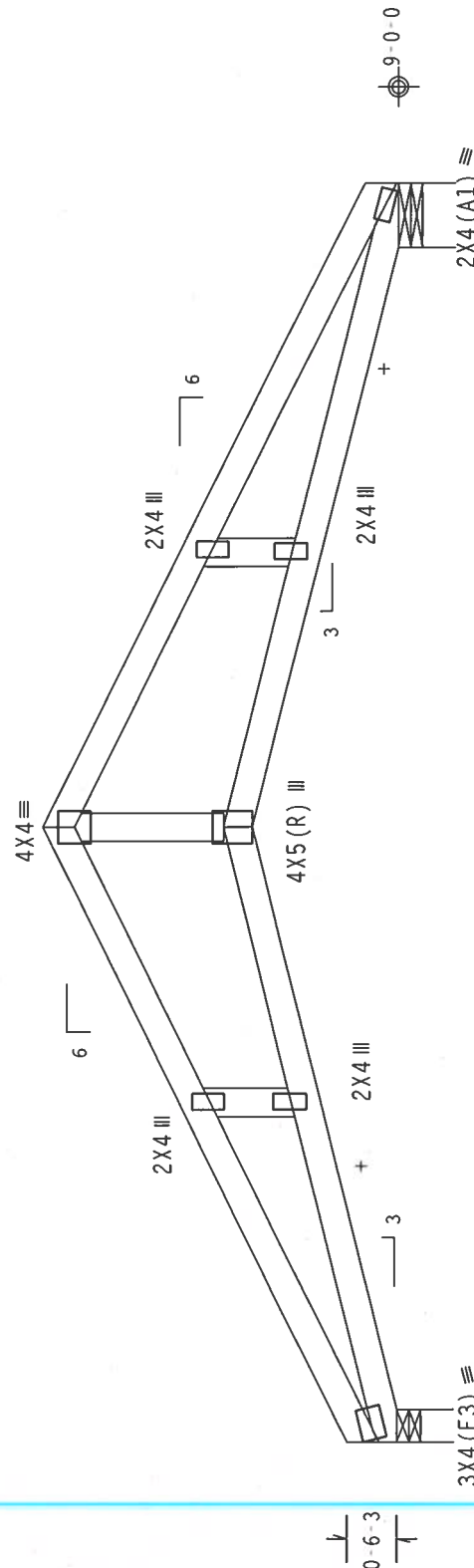


Diagram showing the elevation of a beam with dimensions and labels:

- Top dimension: 6'-4" 0
- Bottom dimension: 6'-8" 0
- Central label: 13'-0" Over 2 Supports
- Left label: R=536 U=47 W=4"
- Right label: R=543 U=49 W=8"

Design Crit: TPI-2002(STD)/FBC

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

424.12

$$Cq/RT=1.00(1.25)/10(0) \quad 7.36.0424.12$$
 $\frac{1}{5}$

Design

yp. Wave

PLT TV

[illegible]

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) AND IPI. ITN BCG CONTRACTOR PLATES ARE MADE OF 2017/1916GA (W/MS55) ASTM A653 GRADE 40/60 (W/ KRN-S5) GALV. STEEL. APPLICABLE PLATES FOR THIS DESIGN ARE UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOR CORROSION OR DAMAGE SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENT FABRICATOR. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FABRICATOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI 1. SEC. 2.

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BOTTOM CHORD S

CONTRACTOR,
TO BUILD THE TRUSS
TRUSSES.
SPEC. BY AF&P
40760 (W. K/H
5 DESIGN, POSIT
PL11-2002 SEC.1
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...NON). PUBLISHED
...AND WTCA (WOOD
...ICES PRIOR TO
...TACHED STRUCTURE

ARE IN FABRICATED
EFFECTIVELY INFORMATIVE
A. VA. 22314)
FOR SAFETY PRACTICES
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THIS DESIGN: A
G. INSTALLING
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A (W.H./SS/K) A
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1) SHALL BE PE
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2.

REQUIRE EXTREME CARE IN THE HANDLING OF THIS COMPONENT. SAGGING OF THE COMPONENT MAY CAUSE DAMAGE TO THE CEILING. A COPY OF THIS INSTRUCTIONS SHOULD BE PROVIDED TO THE PERSONNEL INVOLVED IN THE UNLOADING, HANDLING, SHIPPING AND STORAGE OF THIS COMPONENT. THE FOLLOWING INSTRUCTIONS SHOULD BE FOLLOWED BY THE PERSONNEL INVOLVED IN THE UNLOADING, HANDLING, SHIPPING AND STORAGE OF THIS COMPONENT:

*** TRUSSES RECS
CS (BUILDING
STREET, SUITE
LANE, MADISON
INDICATED TOP
/ ATTACHED RIGID

****WARNING**
REFER TO E
NORTH LEE
ENTERPRISE
OTHERWISE
A PROPERLY

****IMPORT**
BE RESPONS
TPI; OR FFI
DESIGN CO
CONNECTOR
PLATES TO
ANY INSPE
DRAWING I
DESIGN SH
BUILDING I

Inc.

**ponents Group,
FL 33844**

ALPINE Building Company
Haines City, FL

NITW

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

Wind reactions based on MWFRS pressures.

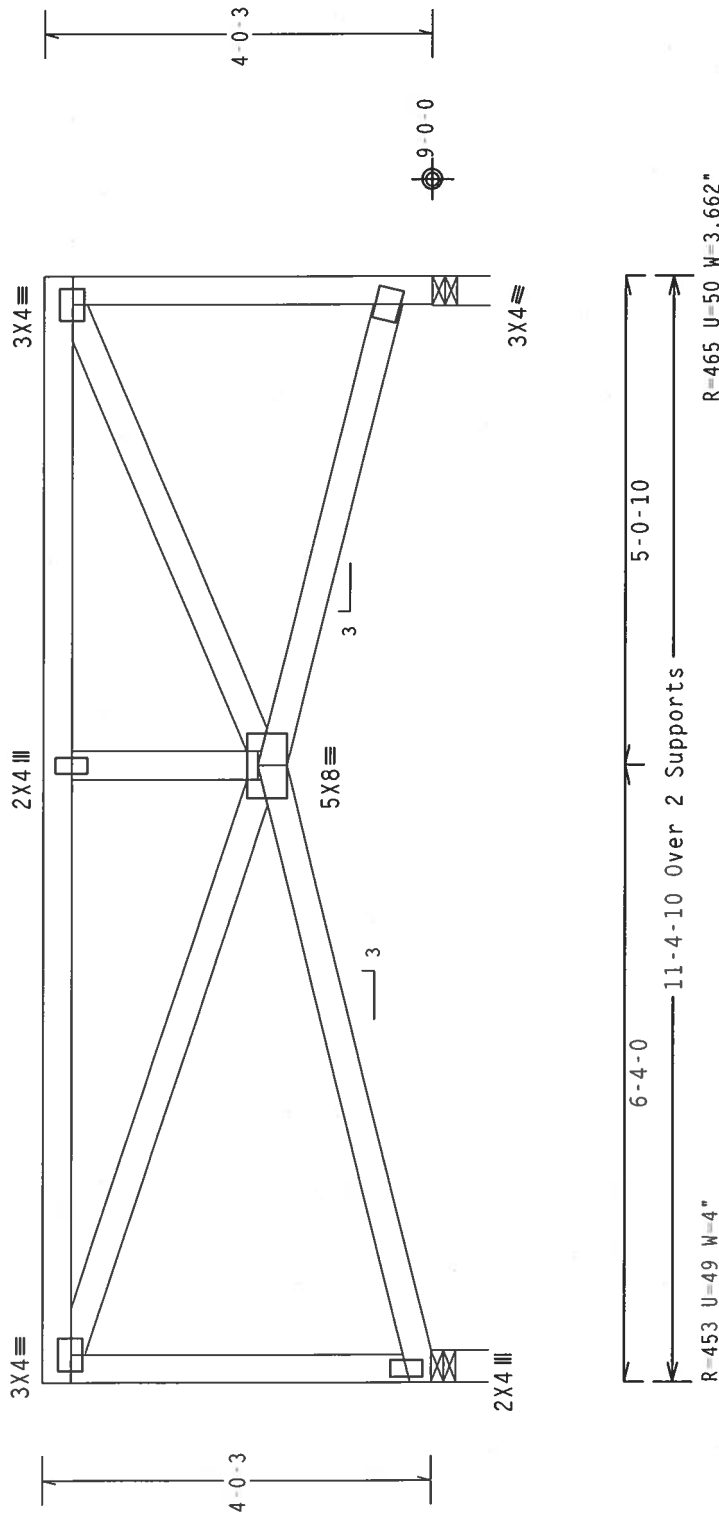
Deflection meets L/240 live and L/180 total load.

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

End verticals not exposed to wind pressure.

Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 4-0-3.



Design Crit: TPI-2002(STD)/FBC

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

QTY:1

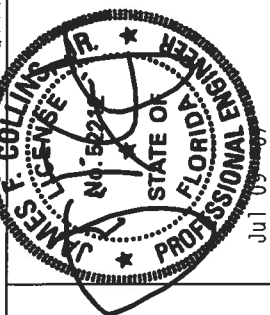
FL/-/5/-/-/R/-

Scale = .5\"/>

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 5300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

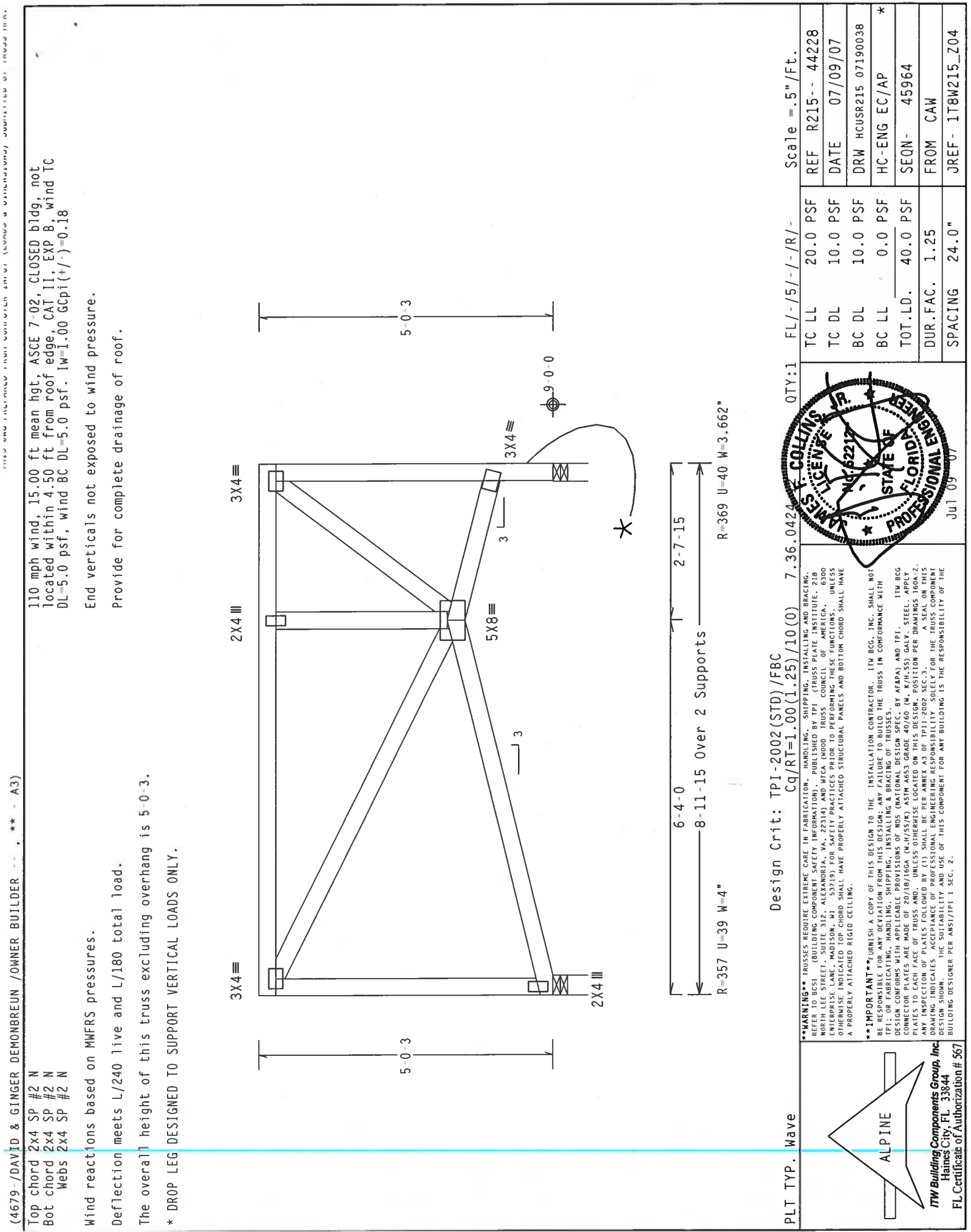
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDS (NATIONAL DESIGN SPEC. BY AIA/PCA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/SS/X) ASTM A653 GRADE 40/60 (N. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIMENSIONS 100A-2. ALL DIMENSIONS SHALL BE PLACED ON THE DRAWING. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R215--	44227
TC DL	10.0 PSF	DATE	07/09/07	
BC DL	10.0 PSF	DRW	HCUSR215	07190037
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	45962	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	1T8W215_Z04	

ALPINE

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



(4679-DAVID & GINGER DEMONBREUN /OWNER BUILDER - ** - A3)

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

Wind reactions based on MWFRS pressures.

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

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

* DROP LEG DESIGNED TO SUPPORT VERTICAL LOADS ONLY.

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

End verticals not exposed to wind pressure.

Provide for complete drainage of roof.

Scale = 5" / Ft.

REF R215-- 44228

DATE 07/09/07

DRW HCUSR215 07190038

HC-ENG EC/AP

SEQN- 45964

FROM CAW

JREF- 1T8W215_Z04

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.0424

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

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

ALPINE

ITW Building Components Group, Inc.

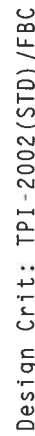
Haines City, FL 33844

FL Certificate of Authorization # 567

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

Gable end supports 8" max rake overhang.

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

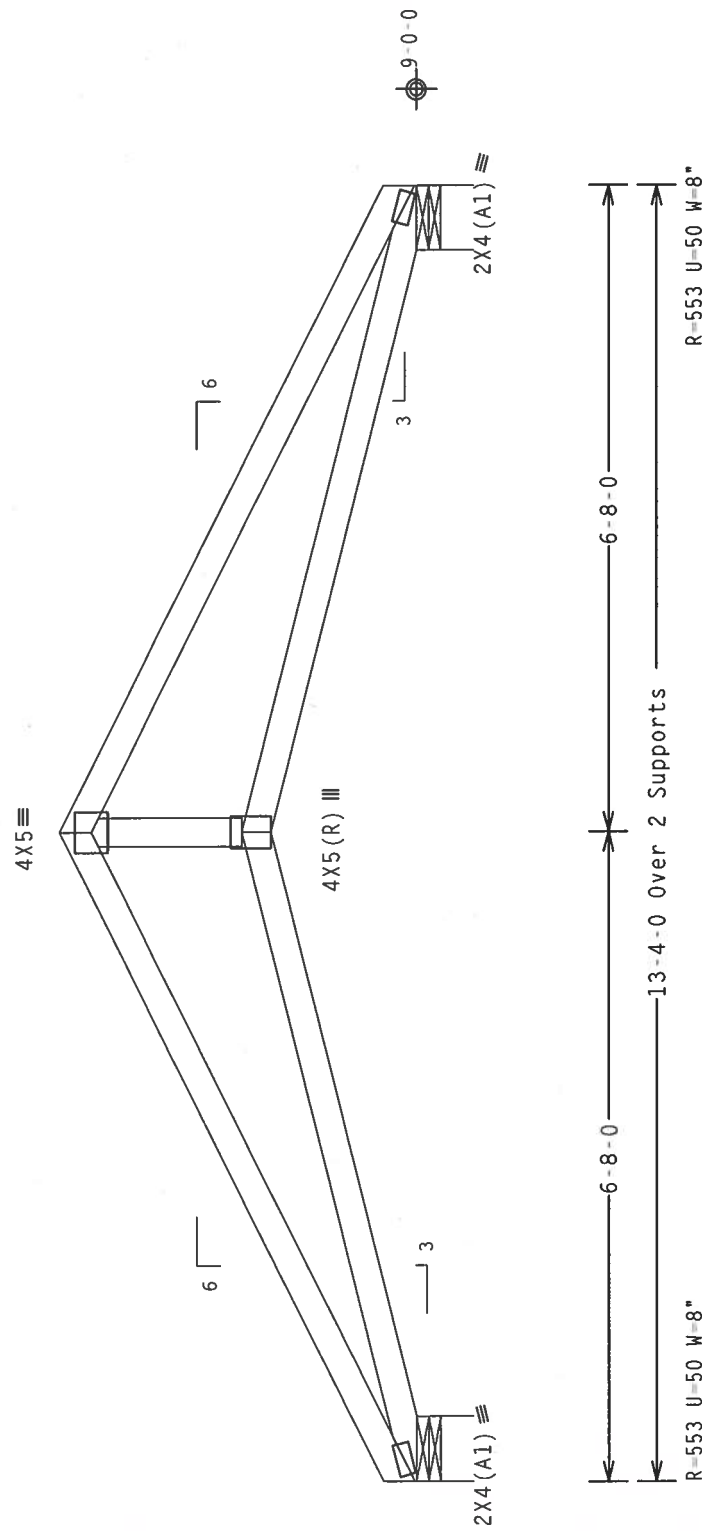
 $Cq/RT=1.00(1.25)/10(0) \quad 7.36.042$

Scale = .5"/Ft.

[illegible]

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

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



Design Crit: TPI-2002(STD)/FBC

Scale = .5"/Ft.

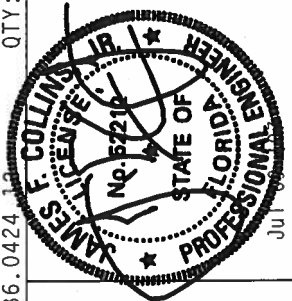
QTY:1 FL/-/5/-/-/R/-

124 13

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

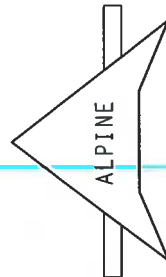
PLT TYP. Wave

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BC DL	10.0 PSF	DRW	HCUSR215 07190039
BC LL	0.0 PSF	HC-ENG DAB/AP	*
TOT.LD.	40.0 PSF	SEQN-	44577
DUR.FAC.	1.25	FROM	CAW
SPACING	24.0"	JREF-	1T8W215_Z04

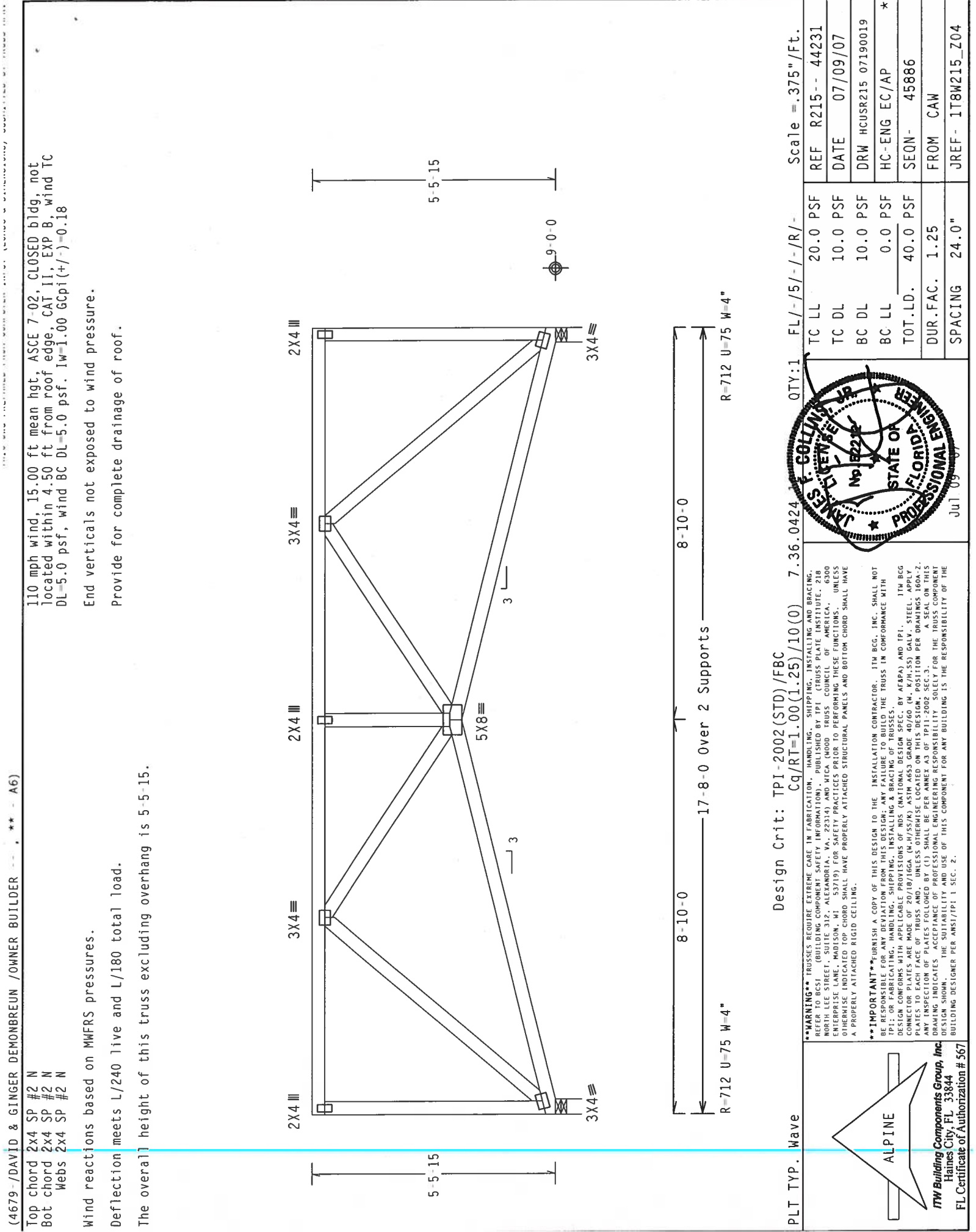


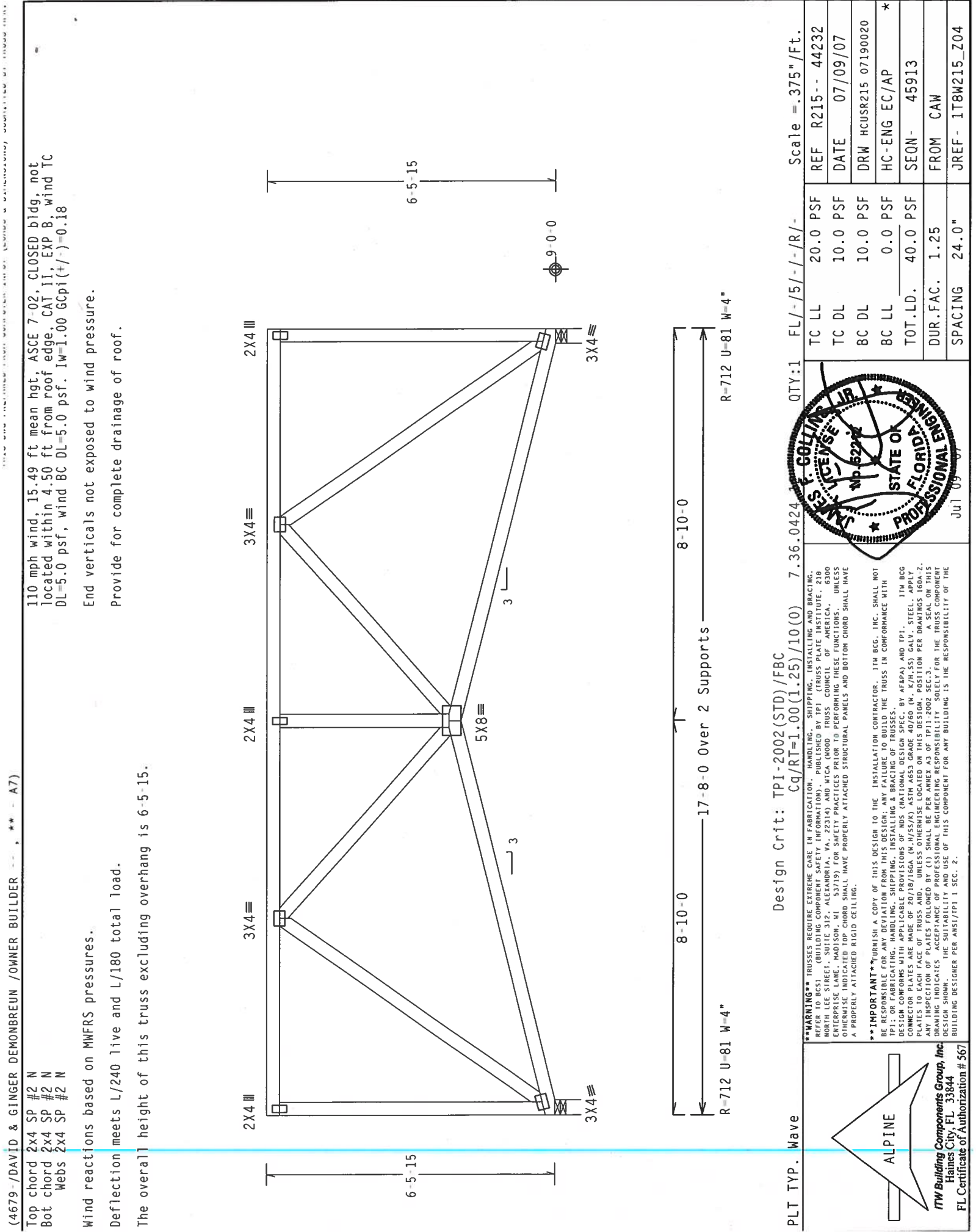
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE TRUSSES WERE DESIGNED AND ENGINEERED BY THE TRUSS COMPANY, INC., 5300 NORTH LEE STREET, SUITE 100, ALEXANDRIA, VA 22314, AND WTCO TRUSS, COUNCILS OF AMERICA, 1000 ENTERPRISE LANE, WAUWATON, WI 53191. 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 DETAILING OR ATTACHMENT TO THIS DESIGN. THE TRUSS IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND TP1. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/455K) ASTM A653 GRADE 40/60 (K/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE ANSII/TP1 AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSII/TP1 1 SEC. 2.



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





PLT TYP. Wave	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)	7.36.0424	QTY: 1	FL/-/5/-/R/-	Scale = .375"/Ft.
TC LL	20.0 PSF	REF R215--	44232		
TC DL	10.0 PSF	DATE	07/09/07		
BC DL	10.0 PSF	DRW	HCUSR215 07190020		
BC LL	0.0 PSF	HC-ENG	EC/AP		*
TOT.LD.	40.0 PSF	SEQN-	45913		
DUR.FAC.	1.25	FROM	CAW		
SPACING	24.0"	JREF-	1T8W215_Z04		

110 mph wind, 15.49 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.

Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 6'-5-15.

Wind reactions based on MWFRS pressures.

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

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N

(4679-)/DAVID & GINGER DEMONBREUN /OWNER BUILDER, ** - A7)

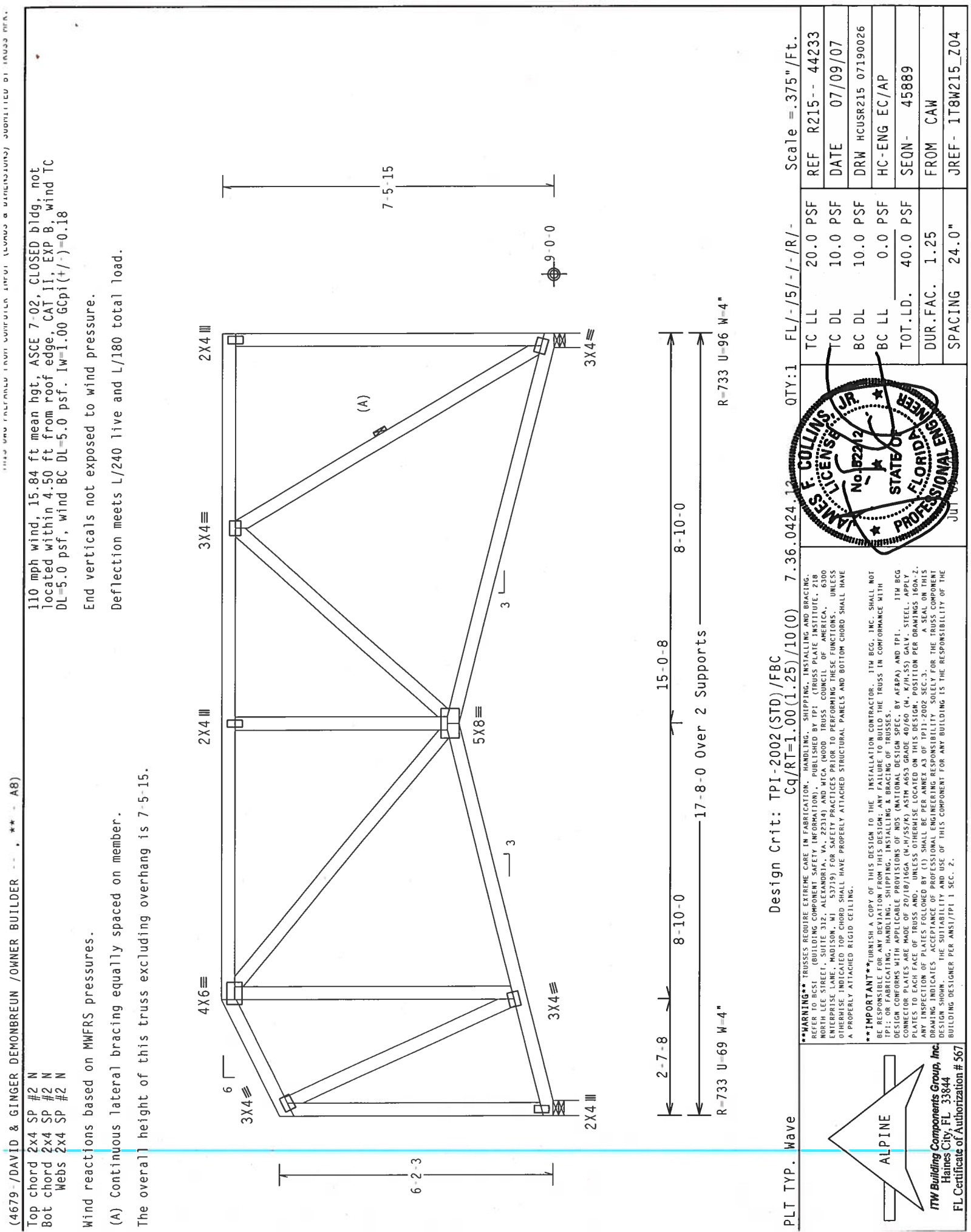
ALPINE

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

FLORIDA PROFESSIONAL ENGINEER
JUL 09 07

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, 210 NORTH LEE STREET, SUITE 312, 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PJA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/55/K) ASTM A653 GRADE 40/60 (N, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS DESIGN. 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.



(4679-/DAVID & GINGER DEMONBREUN /OWNER BUILDER -- ** - A8)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 7'-5-15.

110 mph wind, 15.84 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.

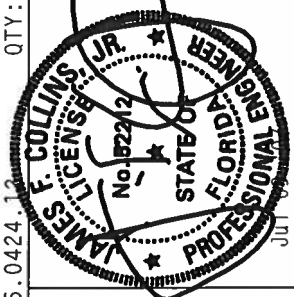
Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave

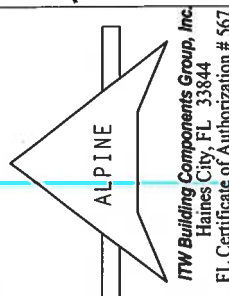
Scale = .375"/Ft.

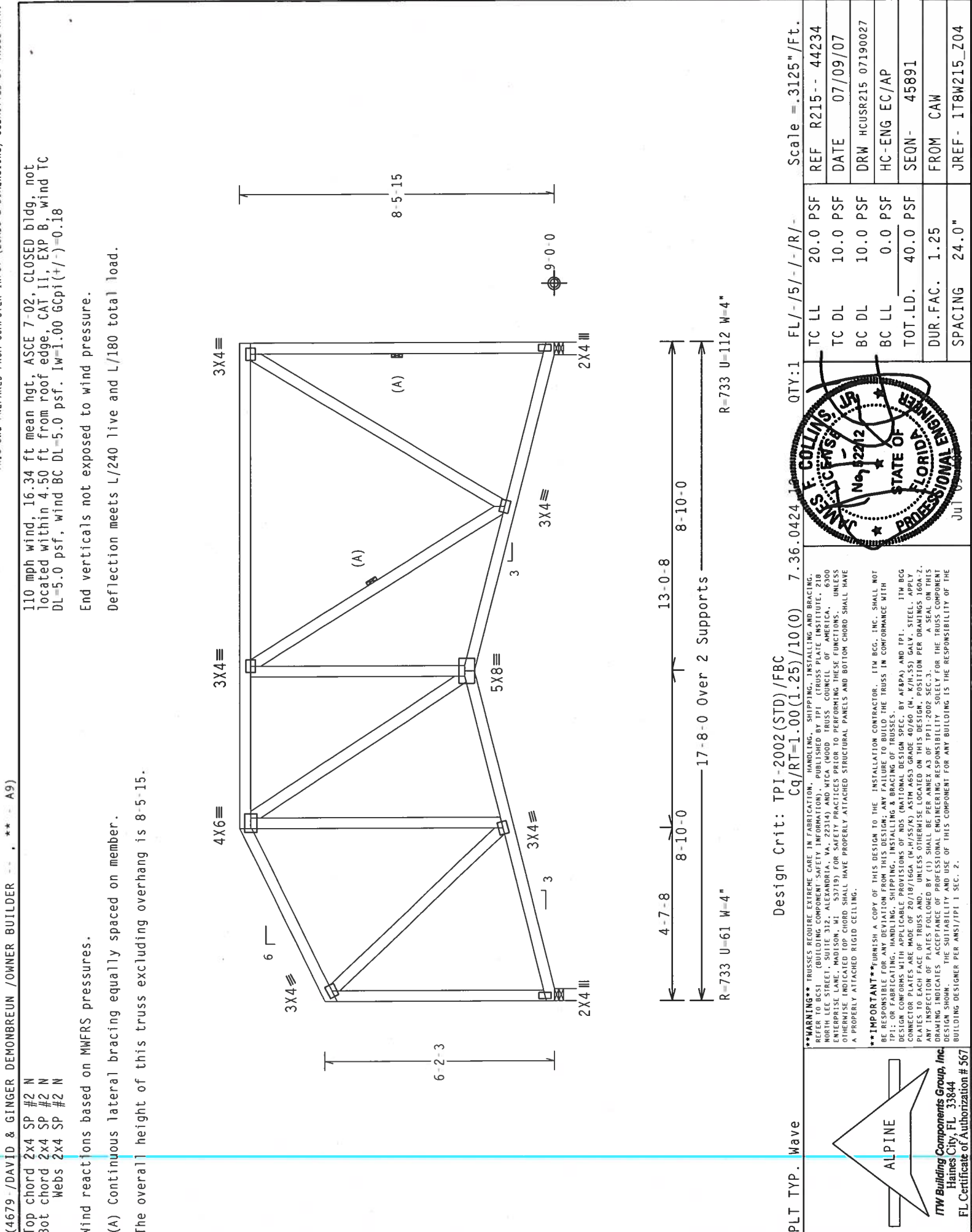
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DATE	07/09/07	
DRW	HCUSR215	07190026
HC-ENG	EC/AP	
SEQN-	45889	
FROM	CAW	
JREF-	1T8W215_Z04	



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 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 (N-H/SS/K) ASTM A653 GRADE 40/60 (N, K/M/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 13TH EDITION, 2002. 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.





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

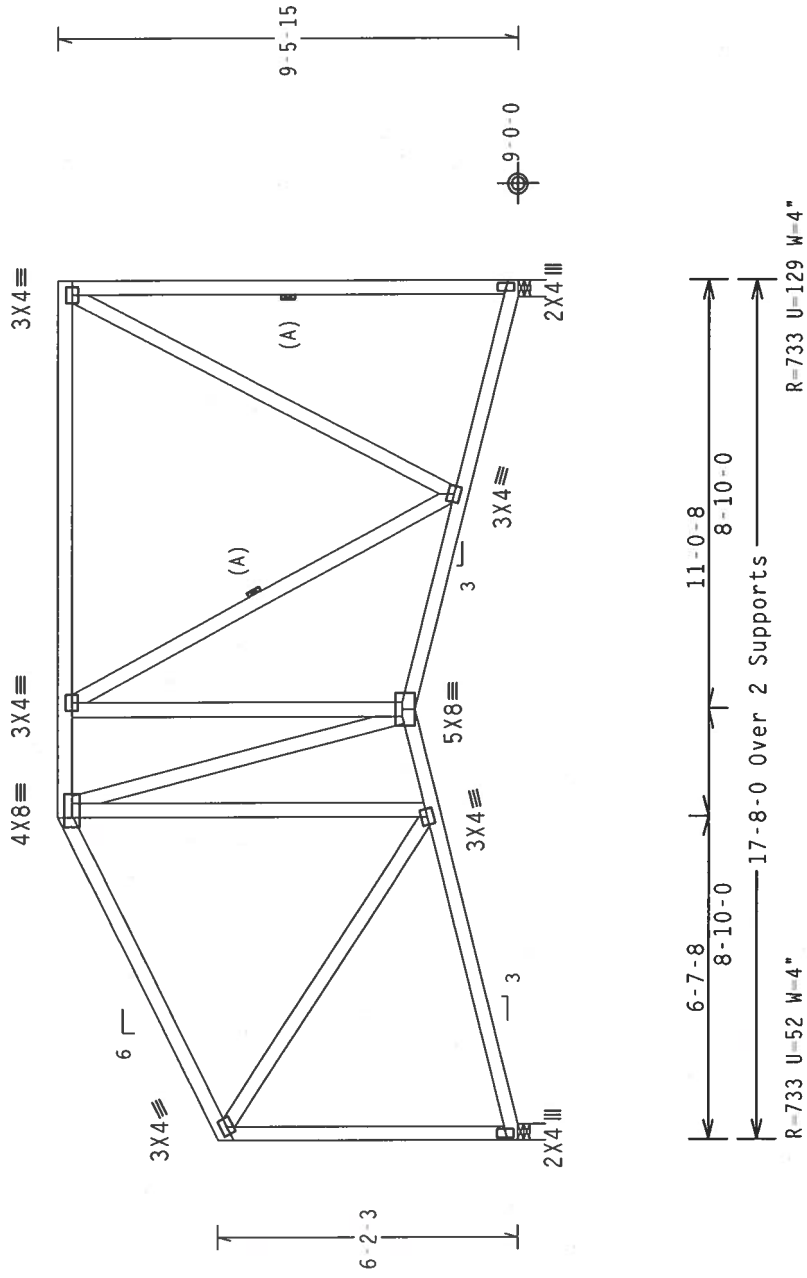
110 mph wind, 16.84 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 9-5-15.

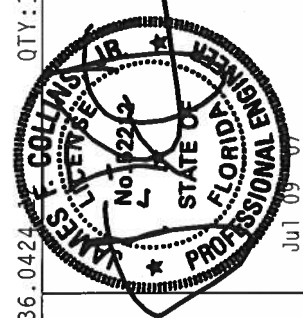


Design Crit: TPI-2002(STD)/FBC

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

PLT TYP. Wave

TC LL	20.0 PSF	REF	R215--	44235
TC DL	10.0 PSF	DATE	07/09/07	
BC DL	10.0 PSF	DRW	HCUSR215	07190028
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	45893	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	178W215_Z04	

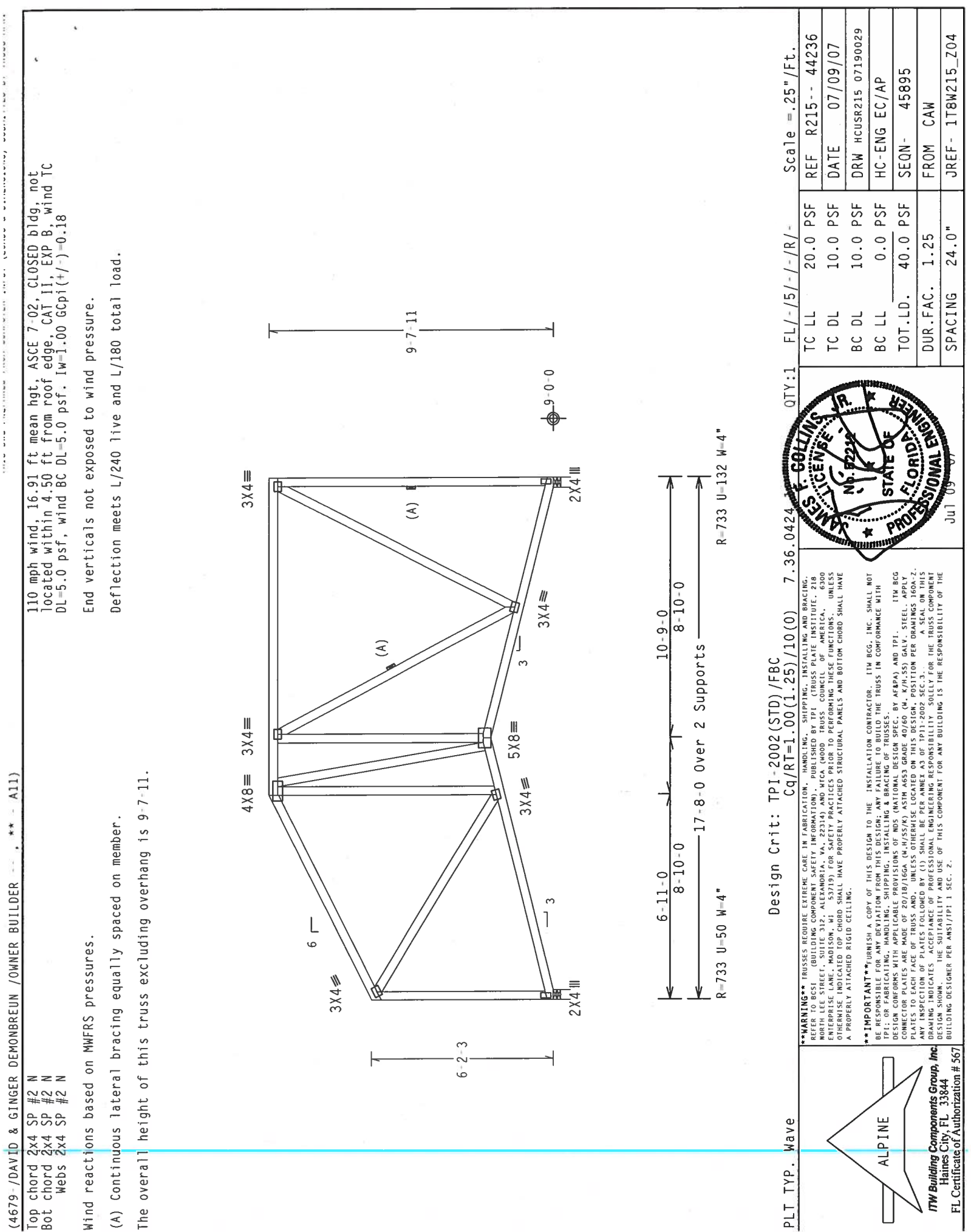


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFLECT TO THE FOLLOWING INFORMATION FOR THE PROPER HANDLING OF THIS PRODUCT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL 1-800-368-7272. **TRUSS COMPANY, INC.** 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND VICA (WOOD TRUSS COUNCIL OF AMERICA), UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR DEVIATION FROM THIS DESIGN. IT IS THE OBLIGATION OF THE TRUSS IN CONFORMANCE WITH THE DESIGN TO PROVIDE ALL MATERIALS AND SUPPLIES NEEDED TO COMPLETE THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITH BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC. BY AISC) AND TP1. CONNECTOR PLATES ARE MADE OF 20X18X1/8GA (M-H/55K) ASTM A663 GRADE 40/60 (H. K/H-55) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP1-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNUAL/TP1 1. SEC. 2.



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



(4679 - /DAVID & GINGER DEMONBREUN /OWNER BUILDER --, ** - All)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 9'-7-11".

110 mph wind, 16.91 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

End verticals not exposed to wind pressure.

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

Scale = .25"/Ft.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

REF R215-- 44236

DATE 07/09/07

DRW HCUSR215 07190029

HC-ENG EC/AP

SEON- 45895

FROM CAW

JREF- 1T8W215_Z04

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

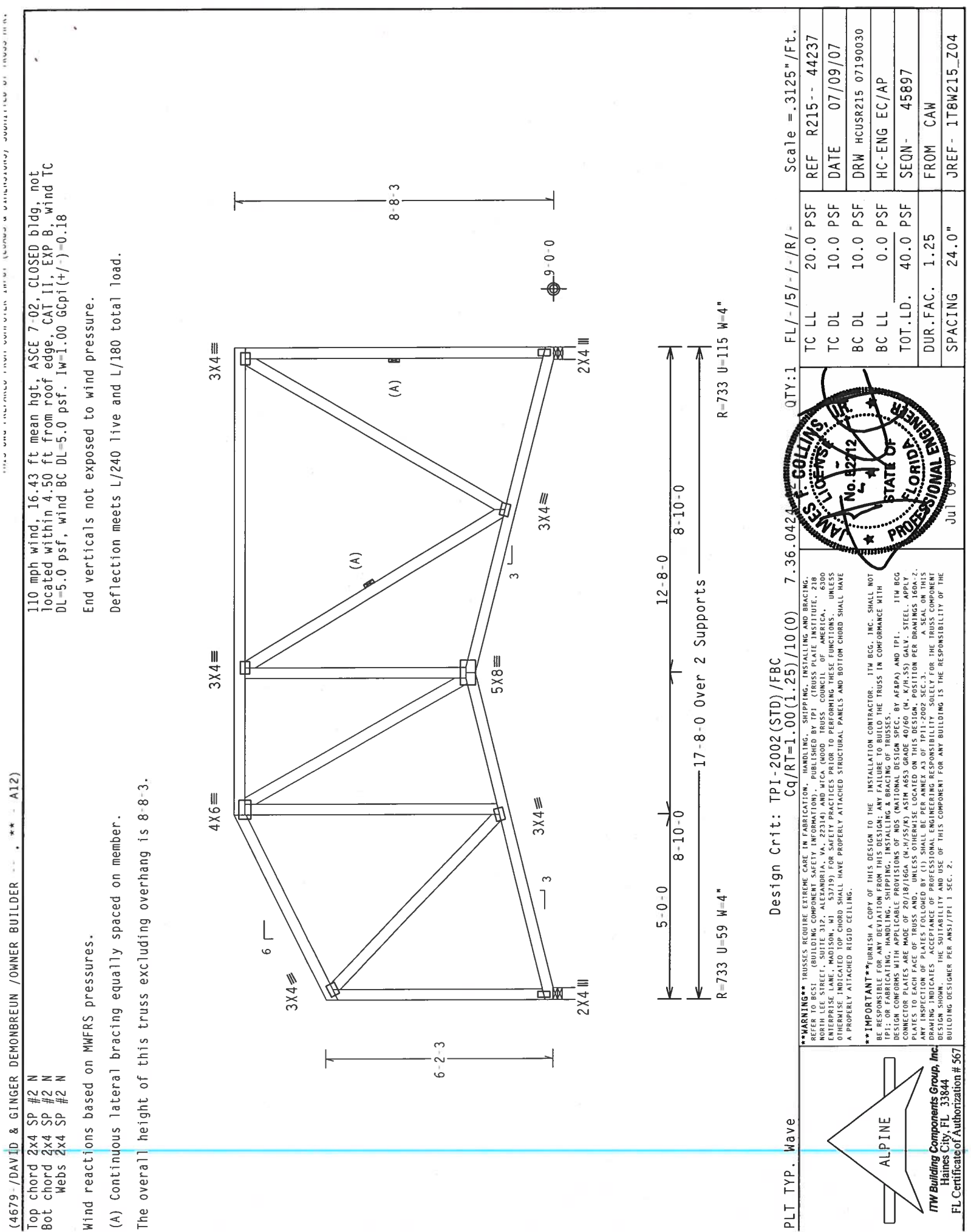
DUR.FAC. 1.25

SPACING 24.0"

James E. Collins
Professional Engineer
State of Florida
License No. 92239
Exp. 07/09/07

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

ALPINE



(4679 - /DAVID & GINGER DEMONBREUN /OWNER BUILDER -- ** - A12)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 16.43 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 GCpl(+/-)0.18

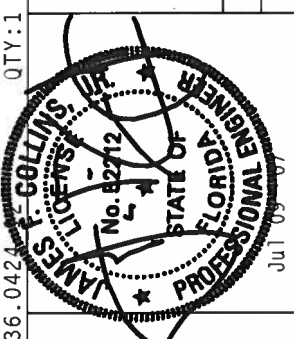
End verticals not exposed to wind pressure.

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

Design Crit: TPI-2002(STD)/FBC

Scale = .3125"/Ft.

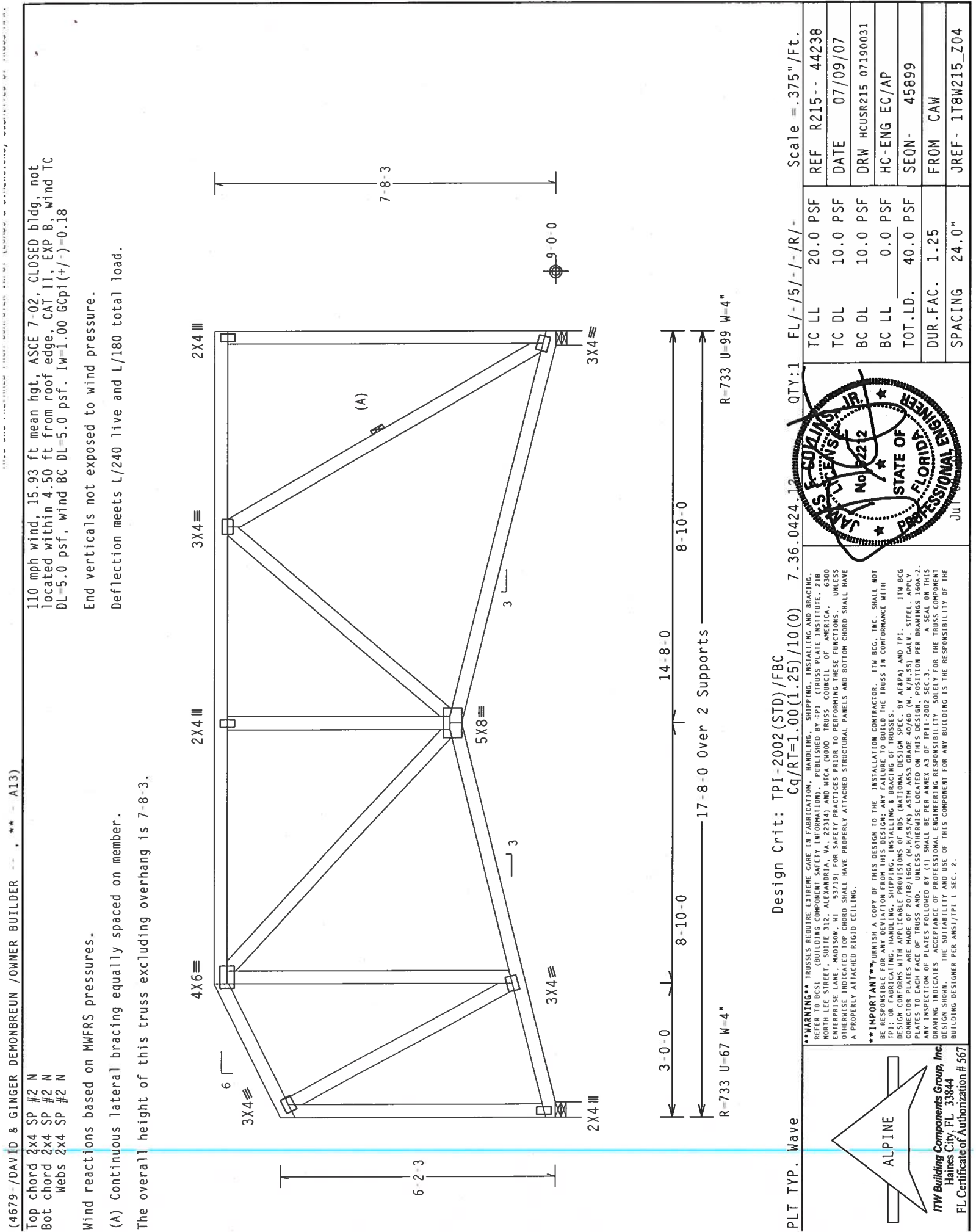
QTY: 1	FL/- 5/- /- /R/-	TC LL	20.0 PSF	REF R215--	44237
		TC DL	10.0 PSF	DATE	07/09/07
		BC DL	10.0 PSF	DRW HCUSR215	07190030
		BC LL	0.0 PSF	HC-ENG EC/AP	
		TOT.LD.	40.0 PSF	SEQN-	45897
		DUR.FAC.	1.25	FROM	CAW
		SPACING	24.0"	JREF-	1T8W215_Z04



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 (N.H/55K) 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 16GA-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING 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 ANSI/TPI 1 SEC. 2.

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Haines City, FL 33844
FL Certificate of Authorization # 567



(4679 - /DAVID & GINGER DEMONBREUN /OWNER BUILDER --, ** - A13)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 7'-8-3/4.

110 mph wind, 15.93 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpl(+/-)=0.18

End verticals not exposed to wind pressure.

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

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL/-/5/-/-/R/-	Scale = .375"/Ft.
	TC LL	20.0 PSF	REF R215-- 44238
	TC DL	10.0 PSF	DATE 07/09/07
	BC DL	10.0 PSF	DRW HCUSR215 07190031
	BC LL	0.0 PSF	HC-ENG EC/AP
	TOT.LD.	40.0 PSF	SEQN- 45899
	DUR.FAC.	1.25	FROM CAW
	SPACING	24.0"	JREF- 1T8W215_Z04

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

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

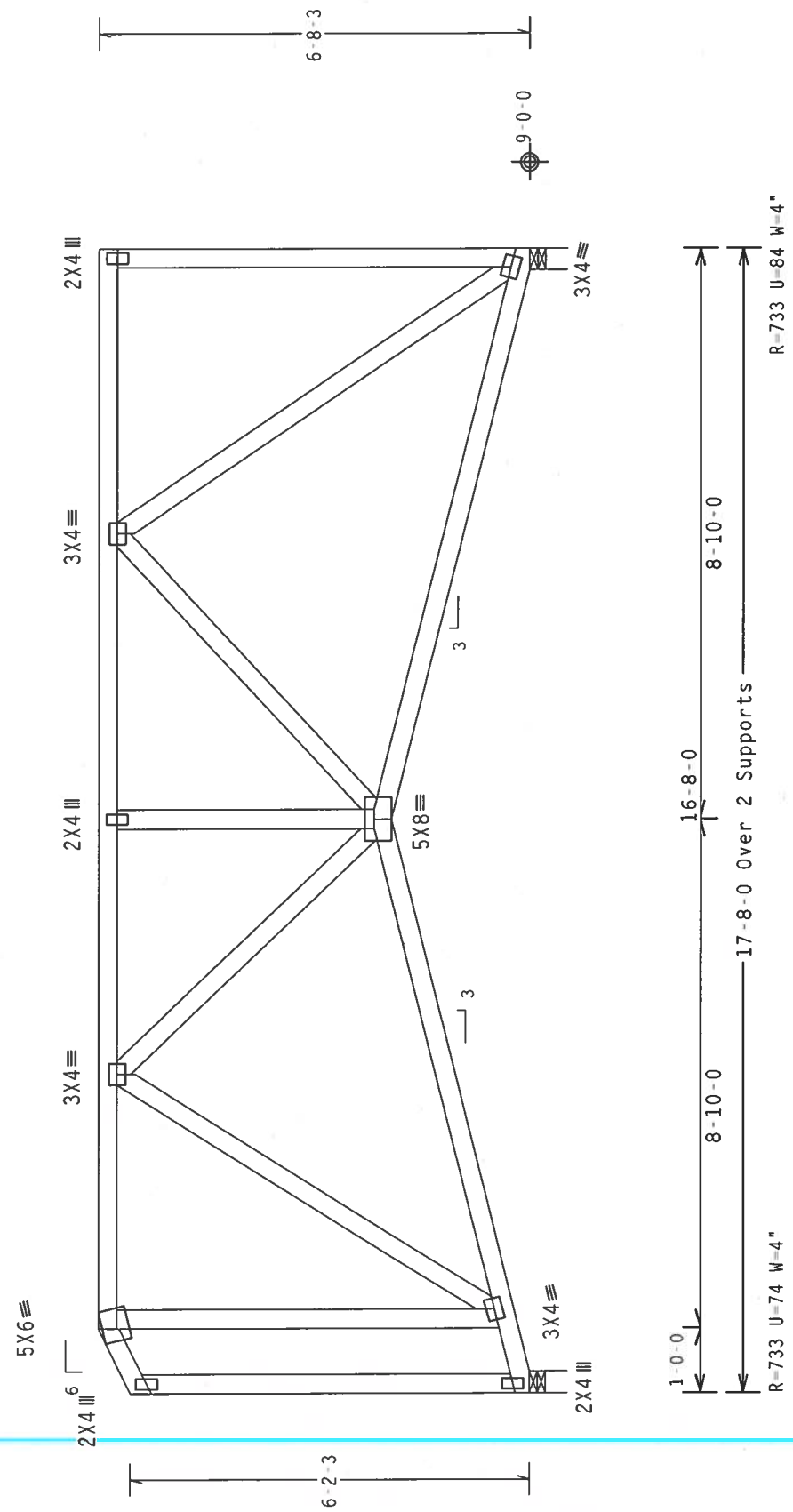
110 mph wind, 15.43 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

End verticals not exposed to wind pressure.

The overall height of this truss excluding overhang is 6-8-3.

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

Scale = .375"/Ft.

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

424 3-9-2011

 $\psi_{10}(0)$ 7. $1-2002(\text{SID})$
 $/RT=1.00(\text{I})$

Design Crit

Wave

79

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, CHESAPEAKE, VA, 22134) AND WITCA (WOOD TRUSS COUNCIL OF AMERICA, 63000 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 BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH IPT-1 OR PERFORMING HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. 1TH BEG, INC. WILL BE RESPONSIBLE FOR THE TRUSS DESIGN AND ALL CONNECTIONS. THE TRUSSES ARE TO BE DESIGNED TO SUPPORT THE FOLLOWING LOADS: DEAD LOAD (K/LF) = 0.15, LIVE LOAD (K/LF) = 0.15, WIND LOAD (K/SQ FT) = 0.15, SEISMIC LOAD (K/SQ FT) = 0.15. THE TRUSSES ARE TO BE DESIGNED TO SUPPORT THE FOLLOWING LOADS: DEAD LOAD (K/LF) = 0.15, LIVE LOAD (K/LF) = 0.15, WIND LOAD (K/SQ FT) = 0.15, SEISMIC LOAD (K/SQ FT) = 0.15.

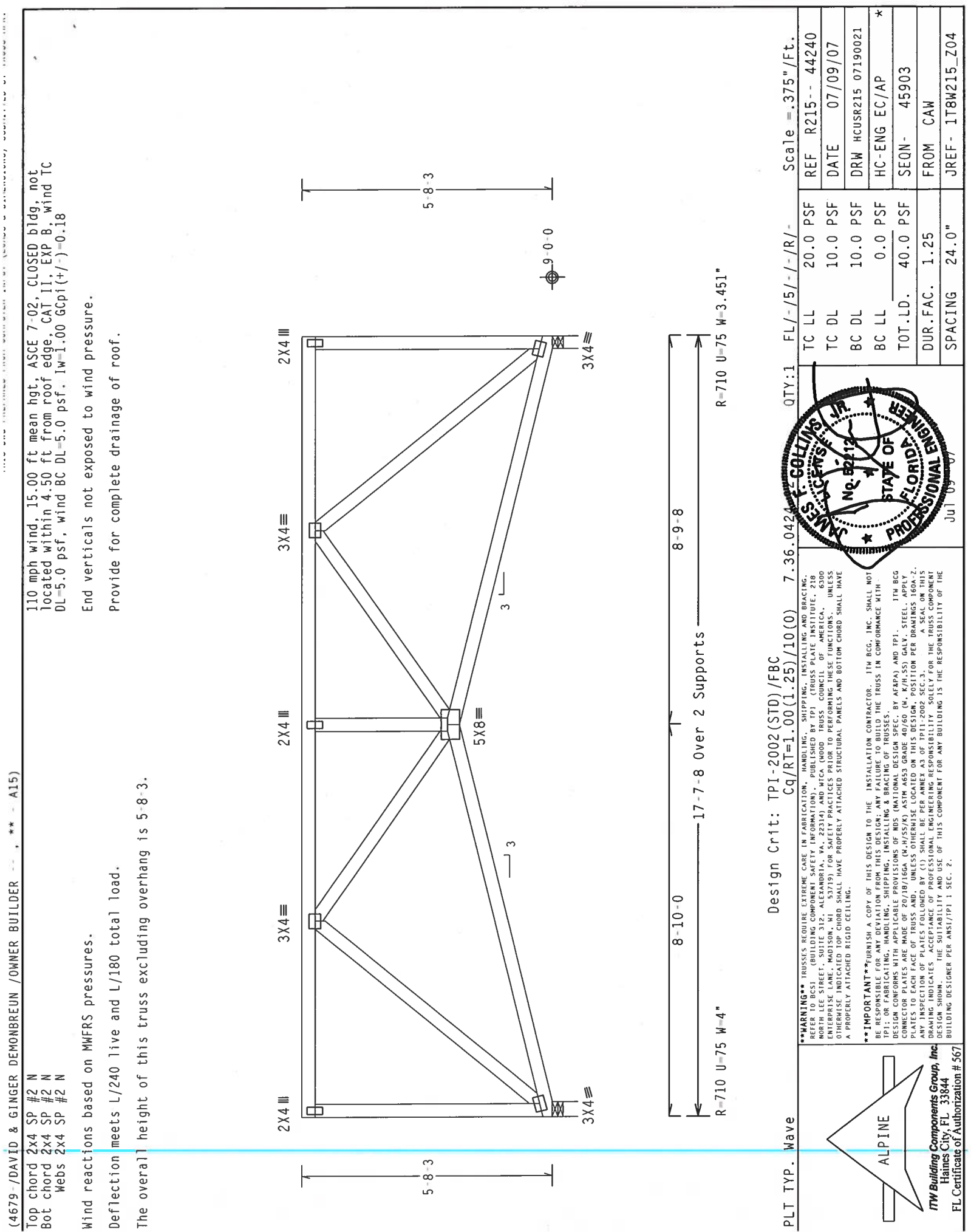
ALPINE

ITW Building Components Group
Haines City, FL 33844
813-939-3600
Fax 813-939-3601

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

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL ON THE 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
Haines City, FL 33844
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(4679-/DAVID & GINGER DEMONBREUN /OWNER BUILDER ** - A15)

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

Wind reactions based on MWFRS pressures.

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

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

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, lw=1.00 GCpl(+/-)-0.18

End verticals not exposed to wind pressure.

Provide for complete drainage of roof.

Scale = .375"/Ft.

REF R215-- 44240

DATE 07/09/07

DRW HCUSR215 07190021

HC-ENG EC/AP

SEQN- 45903

FROM CAW

JREF- 1T8W215_Z04

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

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

QTY:1

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"

8-10-0

17-7-8 Over 2 Supports

8-9-8

R=710 U-75 W-4"

R=710 U-75 W-3.451"

ALPINE

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

SAINTS T. COLLINS JR.
No. 82412
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 10 2007

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 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. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 4091/871666 (44/455/45) ASTM A551 GRADE 40/60 (44/455/45) GALV. STEEL. APPLY CONNECTOR PLATES TO ALL JOINTS. ITM BCG SHALL BE PER ANEX A3 OF TPI-2002 SEC. 3. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

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

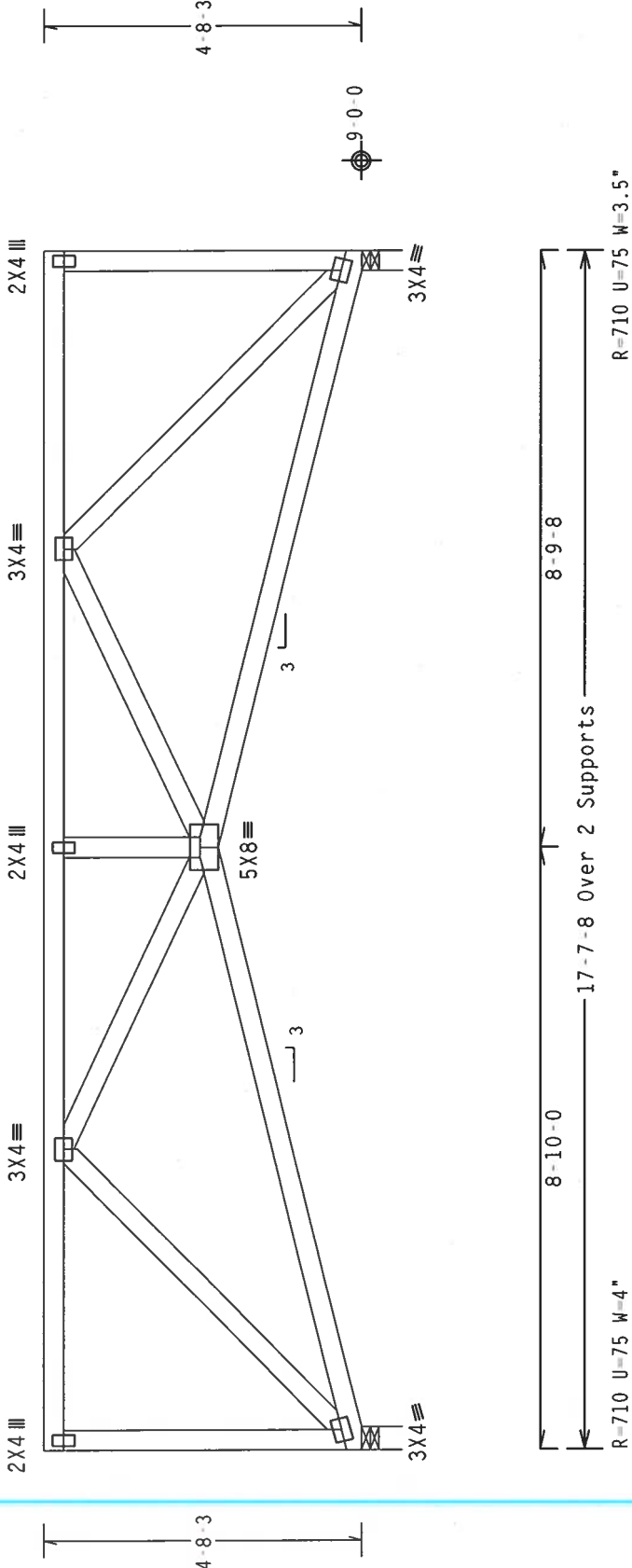
Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

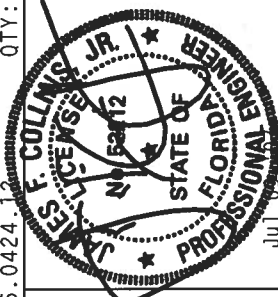
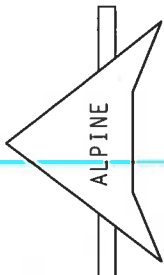
Deflection meets L/240 live and L/180 total load.

Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 4-8-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	Scale = .375"/Ft.
	TC LL	20.0 PSF	REF R215-- 44241
	TC DL	10.0 PSF	DATE 07/09/07
	BC DL	10.0 PSF	DRW HCUSR215 07190022
	BC LL	0.0 PSF	HC-ENG EC/AP *
	TOT.LD.	40.0 PSF	SEQN- 45905
	DUR.FAC.	1.25	FROM CAW
	SPACING	24.0"	JREF- 1T8W215_Z04

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM 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. UNLESS OTHERWISE INDICATED, ALL TRUSS COMPONENTS SHALL BE MANUFACTURED BY ITM BCG. CONNECTOR PLATES ARE MADE OF 2018/16GA (IN W/SS/24) ASTM A553 GRADE 40760 (IN W/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
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Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

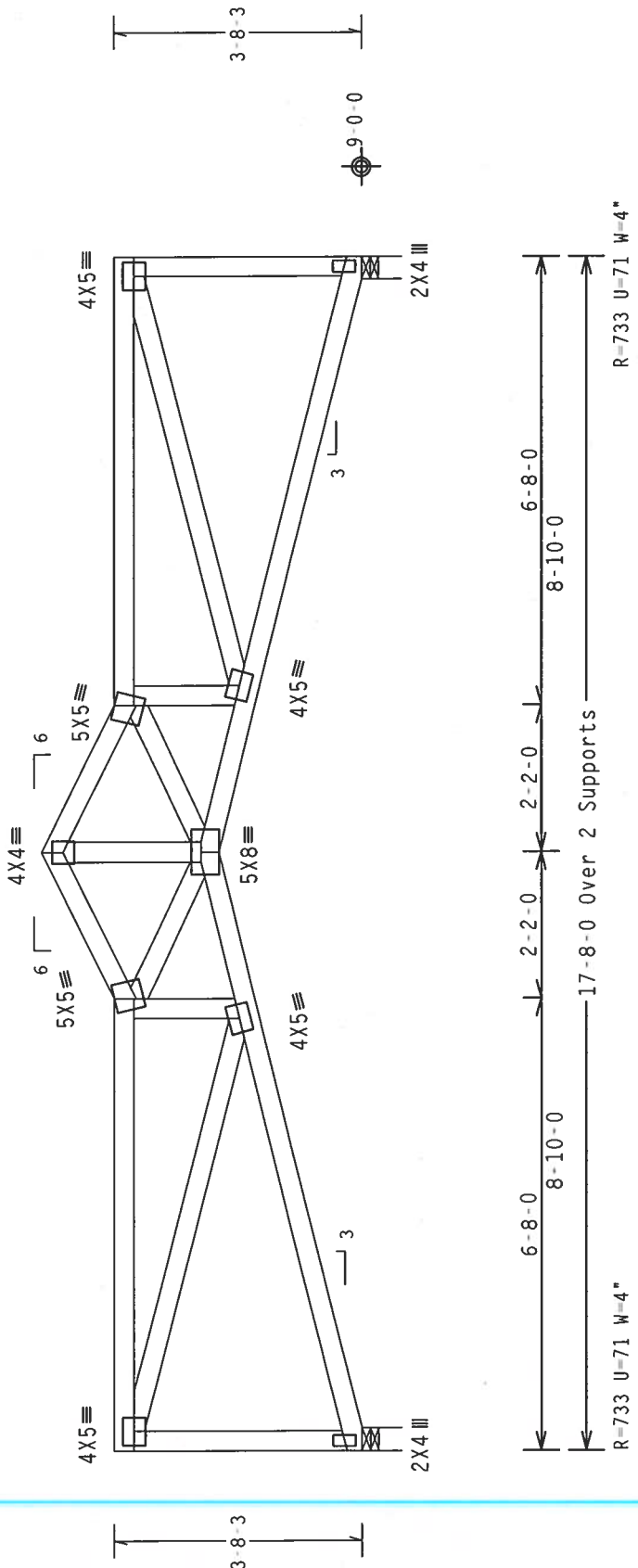
Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

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

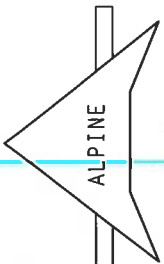
Provide for complete drainage of roof.

The overall height of this truss excluding overhang is 4-9-3.



Design Crit: TPI-2002(STD)/FBC

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



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****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 NITA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N.H/55/KS) ASTM A653 GRADE 40/60 (N. K/M/SS) GALV. STEEL. APPLY PLATES TO EACH JOINT OF TRUSSES UNLESS OTHERWISE SPECIFIED. FOR TYPICAL CONNECTIONS SEE DRAWING 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PLT TYP. Wave

REF R215-- 44242
DATE 07/09/07
DRW HCUSR215 07190033
HC-ENG EC/AP
SEON- 45932
FROM CAW
JREF- 1T8W215_Z04

	Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N	:B3 2x6 SP #2 N:
Webbs	2x4	SP	#2	N	:W7 2x6 SP #2 N:
:Lt Slider	2x4	SP	#2	N	:BLOCK LENGTH =

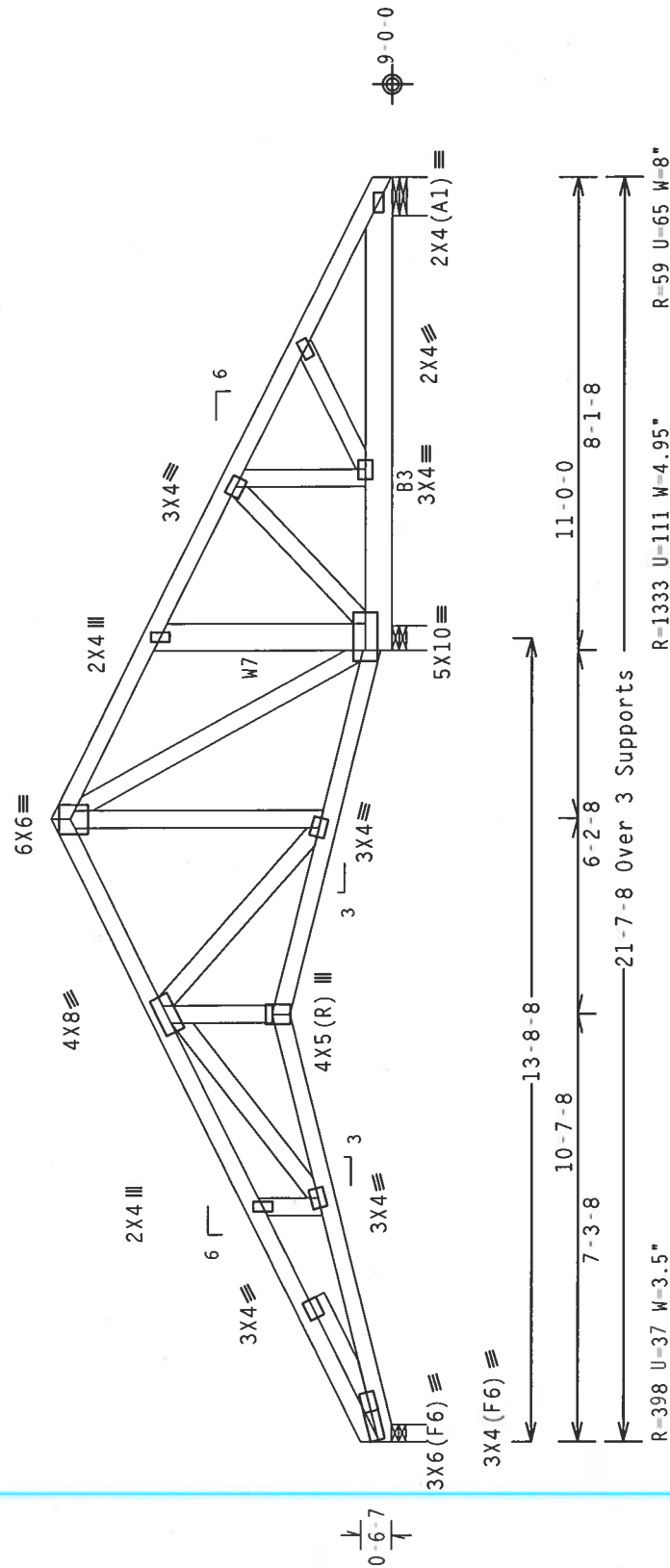
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLosed bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Shim all supports to solid bearing.

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

The overall height of this truss excluding overhang is 5-10-3.



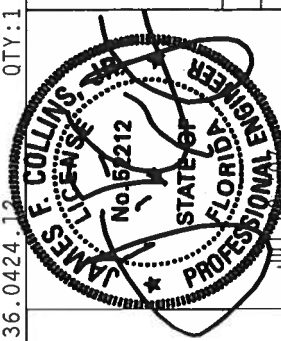
Design Crit: TPI-2002(STD)/FBC

QTY:1 FL / 5 / - / - / R / -
Scale = .3125" / Ft.

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REQUEST THE TRUSS COMPANY SAFETY INSTRUCTIONS AND FOLLOW THEM TO THE LETTER. 2400
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 1000
ENTERPRISE LANE, MADISON, WI 53719) FOR TRUSSING 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 COMPONENTS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-1. ITW BCG HAS CONDUCTED VISUAL INSPECTIONS OF THE TRUSS AND HAS OBSERVED THE LOCATION OF THE DESIGN POINTS TO EACH FACE OF TRUSS AND UNDERSTANDS THE LOCATION OF THE DESIGN POINTS PER DRAWINGS 166-2, 166-3, 166-4, 166-5, 166-6, 166-7, 166-8, 166-9, 166-10, 166-11, 166-12, 166-13, 166-14, 166-15, 166-16, 166-17, 166-18, 166-19, 166-20, 166-21, 166-22, 166-23, 166-24, 166-25, 166-26, 166-27, 166-28, 166-29, 166-30, 166-31, 166-32, 166-33, 166-34, 166-35, 166-36, 166-37, 166-38, 166-39, 166-40, 166-41, 166-42, 166-43, 166-44, 166-45, 166-46, 166-47, 166-48, 166-49, 166-50, 166-51, 166-52, 166-53, 166-54, 166-55, 166-56, 166-57, 166-58, 166-59, 166-60, 166-61, 166-62, 166-63, 166-64, 166-65, 166-66, 166-67, 166-68, 166-69, 166-70, 166-71, 166-72, 166-73, 166-74, 166-75, 166-76, 166-77, 166-78, 166-79, 166-80, 166-81, 166-82, 166-83, 166-84, 166-85, 166-86, 166-87, 166-88, 166-89, 166-90, 166-91, 166-92, 166-93, 166-94, 166-95, 166-96, 166-97, 166-98, 166-99, 166-100, 166-101, 166-102, 166-103, 166-104, 166-105, 166-106, 166-107, 166-108, 166-109, 166-110, 166-111, 166-112, 166-113, 166-114, 166-115, 166-116, 166-117, 166-118, 166-119, 166-120, 166-121, 166-122, 166-123, 166-124, 166-125, 166-126, 166-127, 166-128, 166-129, 166-130, 166-131, 166-132, 166-133, 166-134, 166-135, 166-136, 166-137, 166-138, 166-139, 166-140, 166-141, 166-142, 166-143, 166-144, 166-145, 166-146, 166-147, 166-148, 166-149, 166-150, 166-151, 166-152, 166-153, 166-154, 166-155, 166-156, 166-157, 166-158, 166-159, 166-160, 166-161, 166-162, 166-163, 166-164, 166-165, 166-166, 166-167, 166-168, 166-169, 166-170, 166-171, 166-172, 166-173, 166-174, 166-175, 166-176, 166-177, 166-178, 166-179, 166-180, 166-181, 166-182, 166-183, 166-184, 166-185, 166-186, 166-187, 166-188, 166-189, 166-190, 166-191, 166-192, 166-193, 166-194, 166-195, 166-196, 166-197, 166-198, 166-199, 166-200, 166-201, 166-202, 166-203, 166-204, 166-205, 166-206, 166-207, 166-208, 166-209, 166-210, 166-211, 166-212, 166-213, 166-214, 166-215, 166-216, 166-217, 166-218, 166-219, 166-220, 166-221, 166-222, 166-223, 166-224, 166-225, 166-226, 166-227, 166-228, 166-229, 166-230, 166-231, 166-232, 166-233, 166-234, 166-235, 166-236, 166-237, 166-238, 166-239, 166-240, 166-241, 166-242, 166-243, 166-244, 166-245, 166-246, 166-247, 166-248, 166-249, 166-250, 166-251, 166-252, 166-253, 166-254, 166-255, 166-256, 166-257, 166-258, 166-259, 166-260, 166-261, 166-262, 166-263, 166-264, 166-265, 166-266, 166-267, 166-268, 166-269, 166-270, 166-271, 166-272, 166-273, 166-274, 166-275, 166-276, 166-277, 166-278, 166-279, 166-280, 166-281, 166-282, 166-283, 166-284, 166-285, 166-286, 166-287, 166-288, 166-289, 166-290, 166-291, 166-292, 166-293, 166-294, 166-295, 166-296, 166-297, 166-298, 166-299, 166-300, 166-301, 166-302, 166-303, 166-304, 166-305, 166-306, 166-307, 166-308, 166-309, 166-310, 166-311, 166-312, 166-313, 166-314, 166-315, 166-316, 166-317, 166-318, 166-319, 166-320, 166-321, 166-322, 166-323, 166-324, 166-325, 166-326, 166-327, 166-328, 166-329, 166-330, 166-331, 166-332, 166-333, 166-334, 166-335, 166-336, 166-337, 166-338, 166-339, 166-340, 166-341, 166-342, 166-343, 166-344, 166-345, 166-346, 166-347, 166-348, 166-349, 166-350, 166-351, 166-352, 166-353, 166-354, 166-355, 166-356, 166-357, 166-358, 166-359, 166-360, 166-361, 166-362, 166-363, 166-364, 166-365, 166-366, 166-367, 166-368, 166-369, 166-370, 166-371, 166-372, 166-373, 166-374, 166-375, 166-376, 166-377, 166-378, 166-379, 166-380, 166-381, 166-382, 166-383, 166-384, 166-385, 166-386, 166-387, 166-388, 166-389, 166-390, 166-391, 166-392, 166-393, 166-394, 166-395, 166-396, 166-397, 166-398, 166-399, 166-400, 166-401, 166-402, 166-403, 166-404, 166-405, 166-406, 166-407, 166-408, 166-409, 166-410, 166-411, 166-412, 166-413, 166-414, 166-415, 166-416, 166-417, 166-418, 166-419, 166-420, 166-421, 166-422, 166-423, 166-424, 166-425, 166-426, 166-427, 166-428, 166-429, 166-430, 166-431, 166-432, 166-433, 166-434, 166-435, 166-436, 166-437, 166-438, 166-439, 166-440, 166-441, 166-442, 166-443, 166-444, 166-445, 166-446, 166-447, 166-448, 166-449, 166-450, 1



TC LL	20.0 PSF	REF	R215--	44243
TC DL	10.0 PSF	DATE	07/09/07	
BC DL	10.0 PSF	DRW	HCUSR215	07190042
BC LL	0.0 PSF	HC-ENG	DAB/AP	
TOT.LD.	40.0 PSF	SEQN-	44699	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	1T8W215_Z04	

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

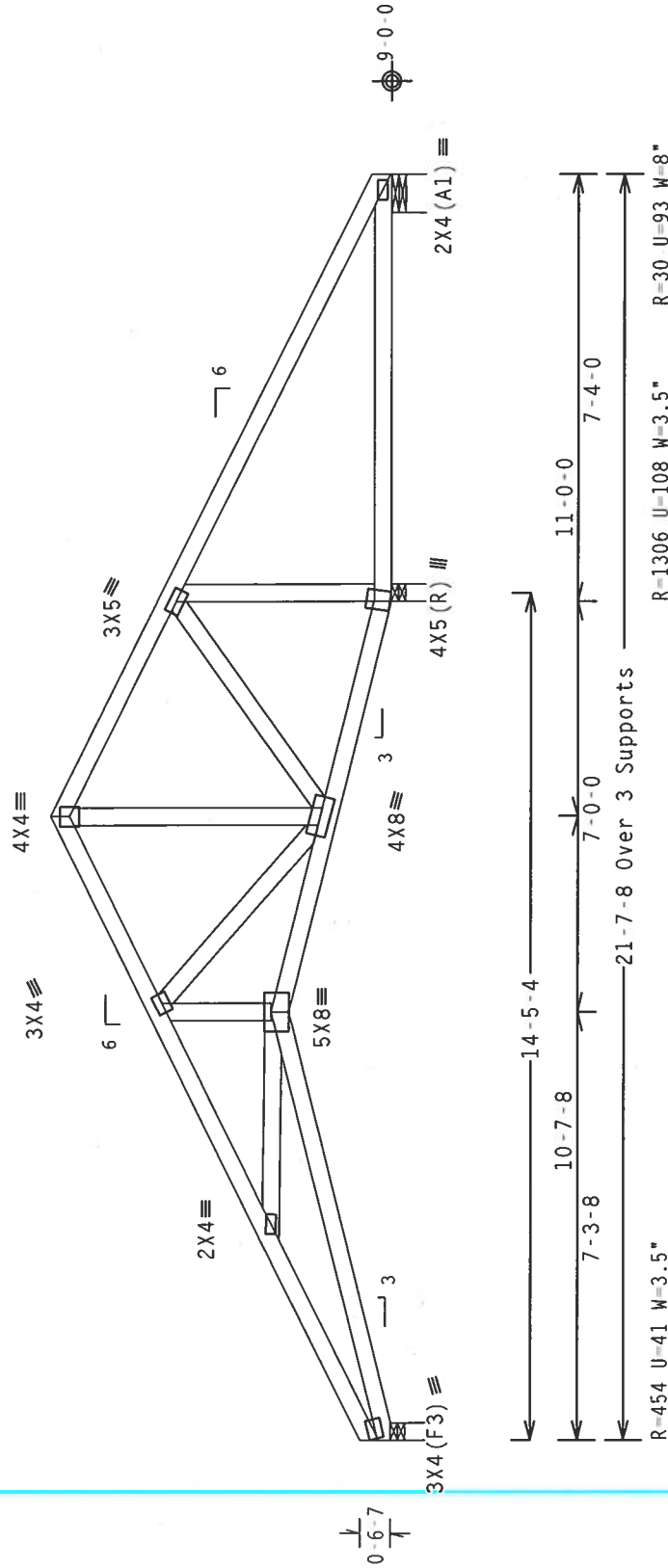
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 5-10-3.

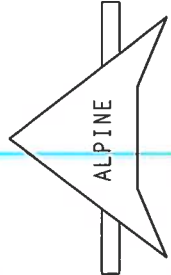


Design Crit: TPI-2002 (STD)/FBC

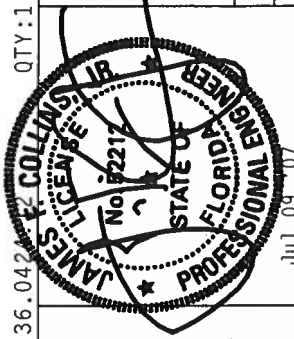
PLT TYP. Wave QTY: 1 FL/-5/-1-/R/- Scale = .3125"/Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/SS) ASTM A653 GRADE 40/60 (N-H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK AS OF 1/11/2002 SEC.3. A SEAL ON THIS DRAWING SHOWS THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN, SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/ITP 1 SEC. 2.



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



TC LL	20.0 PSF	REF	R215 - 44244
TC DL	10.0 PSF	DATE	07/09/07
BC DL	10.0 PSF	DRW	HCUSR215 07190044
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN	44598
DUR.FAC.	1.25	FROM	CAW
SPACING	24.0"	JREF	1T8W215_Z04

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

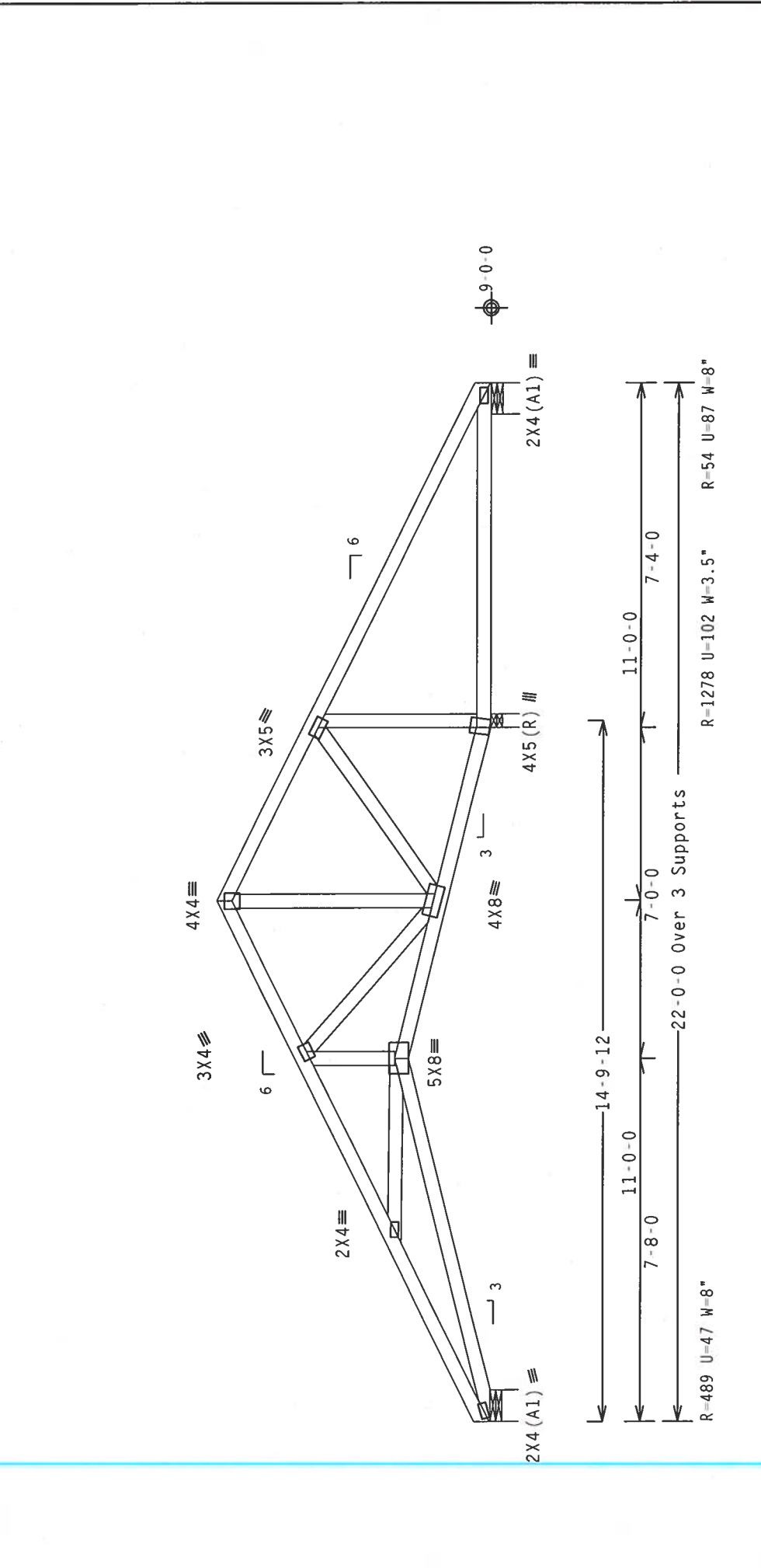
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 5-10-3.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY: 1 FL/-/5/-/-/R/- Scale = .3125"/Ft.

TC LL	20.0 PSF	REF R215-- 44245
TC DL	10.0 PSF	DATE 07/09/07
BC DL	10.0 PSF	DRW HCUSR215 07190041
BC LL	0.0 PSF	HC-ENG DAB/AP
TOT.LD.	40.0 PSF	SEQN- 44596
DUR.FAC.	1.25	FROM CAW
SPACING	24.0"	JREF- 1T8W215_Z04

ALPINE

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

JAMES F. COLLINS
No. 3210
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 07

****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 NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTIONS ARE MADE IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS FOR TRUSSES PER DRAWING 2. ANY INSPECTION OF PLATES FOLLOWED BY TCS SHALL BE PER ANS 33 OF PL 2002 SEC. 3. THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

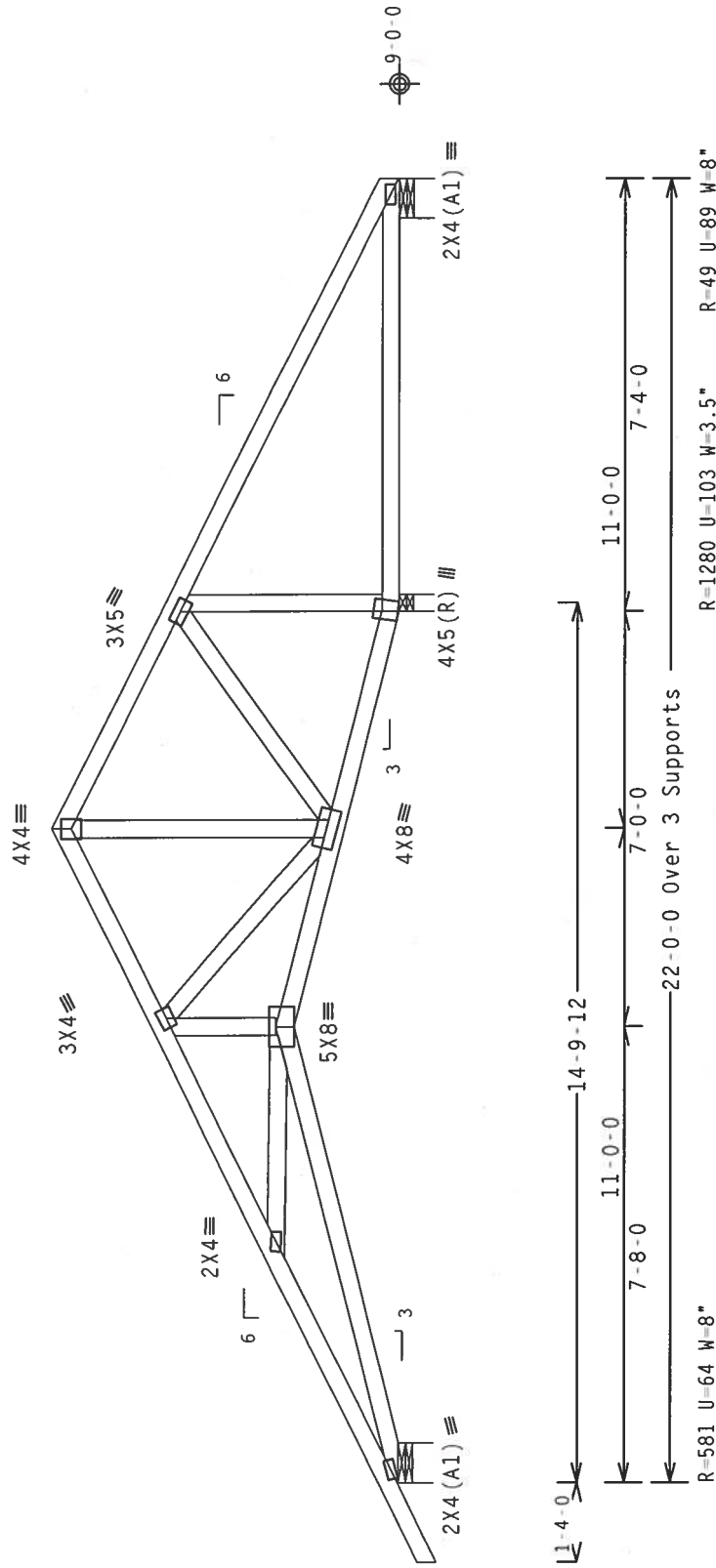
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 5-10-3.



Design Crit: TPI-2002(STD)/FBC

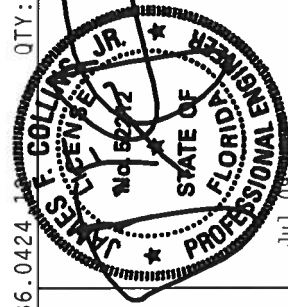
QTY:1 FL/-/5/-/-/R/-
Scale = .3125" / Ft.

 $Cq/RT=1.00(1.25)/10(0)$ 7.36.0424

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SLIPPING, INSTALLING AND BRACING. REFER TO GCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY, 100 NORTH LEE STREET, SUITE 1312, ALEXANDRIA, VA 22304, FOR ADDITIONAL TRUSS CONSTRUCTION INFORMATION. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING SAFETY PRACTICES APPLY TO ALL TRUSSES. 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 FOLLOWING SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING DURING THE INSTALLATION OF THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0	PSF	REF	R215--	44246
TC DL	10.0	PSF	DATE	07/09/07	
BC DL	10.0	PSF	DRW	HCUSR215	07190047
BC LL	0.0	PSF	HC-ENG	DAB/AP	
TOT.LD.	40.0	PSF	SEQN-	44594	
DUR.FAC.	1.25		FROM	CAW	
SPACING	24.0"		JREF-	1T8W215_Z04	

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

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

Wind reactions based on MWFRS pressures.

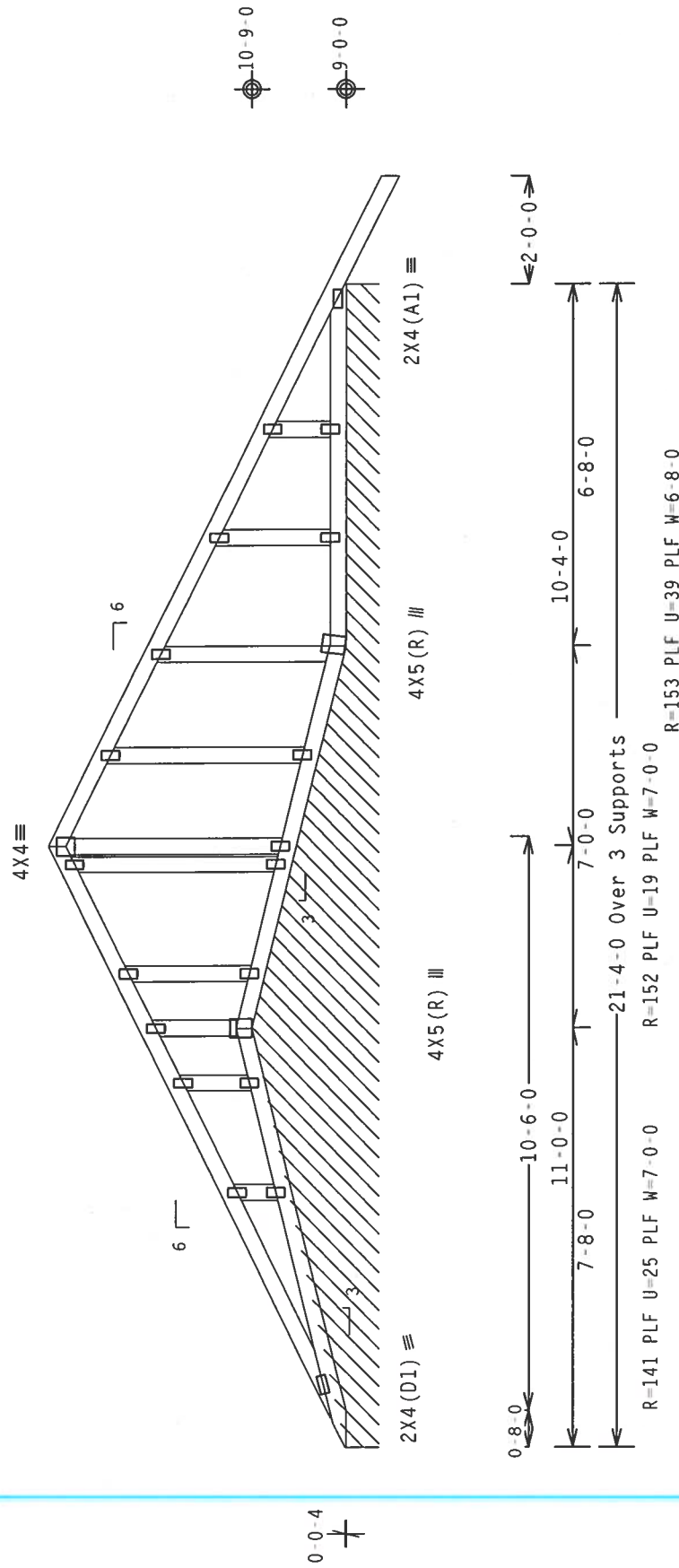
See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

Shim all supports to solid bearing.

Gable end supports 8" max rake overhang.

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

The overall height of this truss excluding overhang is 5'-6"-4.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

	PLT TYP.	Wave	Cg/RT=1.00(1.25)/10(0)	7.36.0424	QTY:1	FL/- /5/- /- /R/ Scale = .3125"/Ft.
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ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 3671

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCG1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MODISON, MD 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 AND BRACING OF TRUSSES. TOP CHORDS SHALL BE 2X6 OR 2X8 (KIN/SS) GALV. (KIN/SS) GALV. (KIN/SS) GALV. (KIN/SS) GALV. STEEL APPLY CONNECTOR PLATES ARE MADE OF 7010/116GALV (KIN/SS) GALV. (KIN/SS) GALV. (KIN/SS) GALV. (KIN/SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANE A3 OF TP1-2002 SEC.3. (2) SHALL BE PER ANE A3 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 ANSI/TP1 1 SEC. 2.



TC LL	20.0	PSF	REF R215--	44247
TC DL	10.0	PSF	DATE	07/09/07
BC DL	10.0	PSF	DRW HCUSR215	07190040
BC LL	0.0	PSF	HC-ENG DAB/AP	
TOT.LD.	40.0	PSF	SEQN-	44678
DUR.FAC.	1.25		FROM	CAW
SPACING	24.0"		JREF-	1T8W215_Z04

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

Wind reactions based on MWFRS pressures.

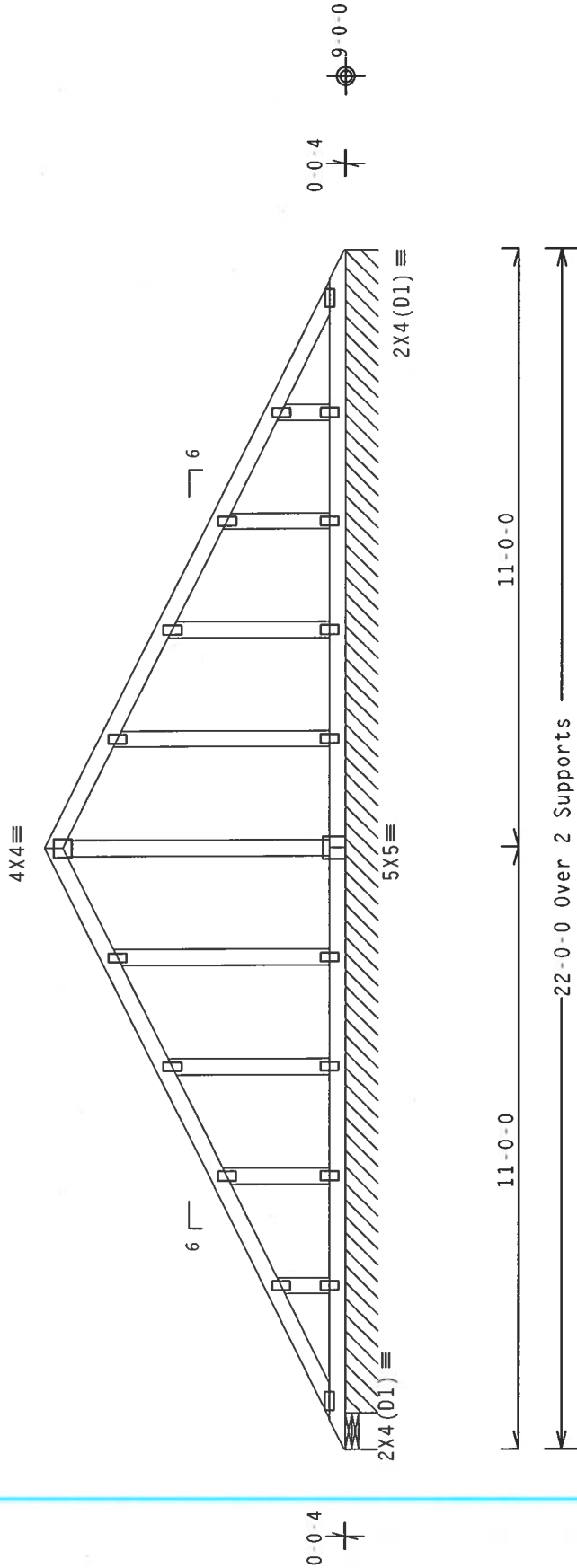
See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 5'-6"-4."

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

Gable end supports 8" max rake overhang.

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



R=53 U-54 W-8"

R=131 PLF U=23 PLF W=21-4-0

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

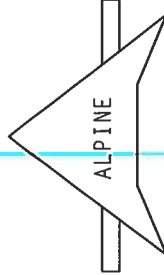
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

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

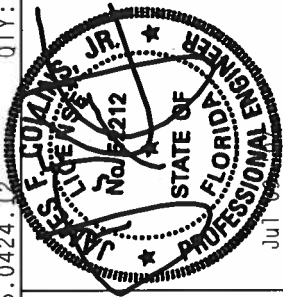
Scale = .3125"/Ft.

****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 STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48061) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 (M/H/SS/K) ASTM A653 GRADE 40/60 (M, K/M,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING 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 ANSI/TPI 1 SEC. 2.



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



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

REF	R215-- 44248
DATE	07/09/07
DRW	HCUSR215 07190043
HC-ENG	DAB/AP
SEON-	44585
FROM	CAW
JREF-	1T8W215_Z04

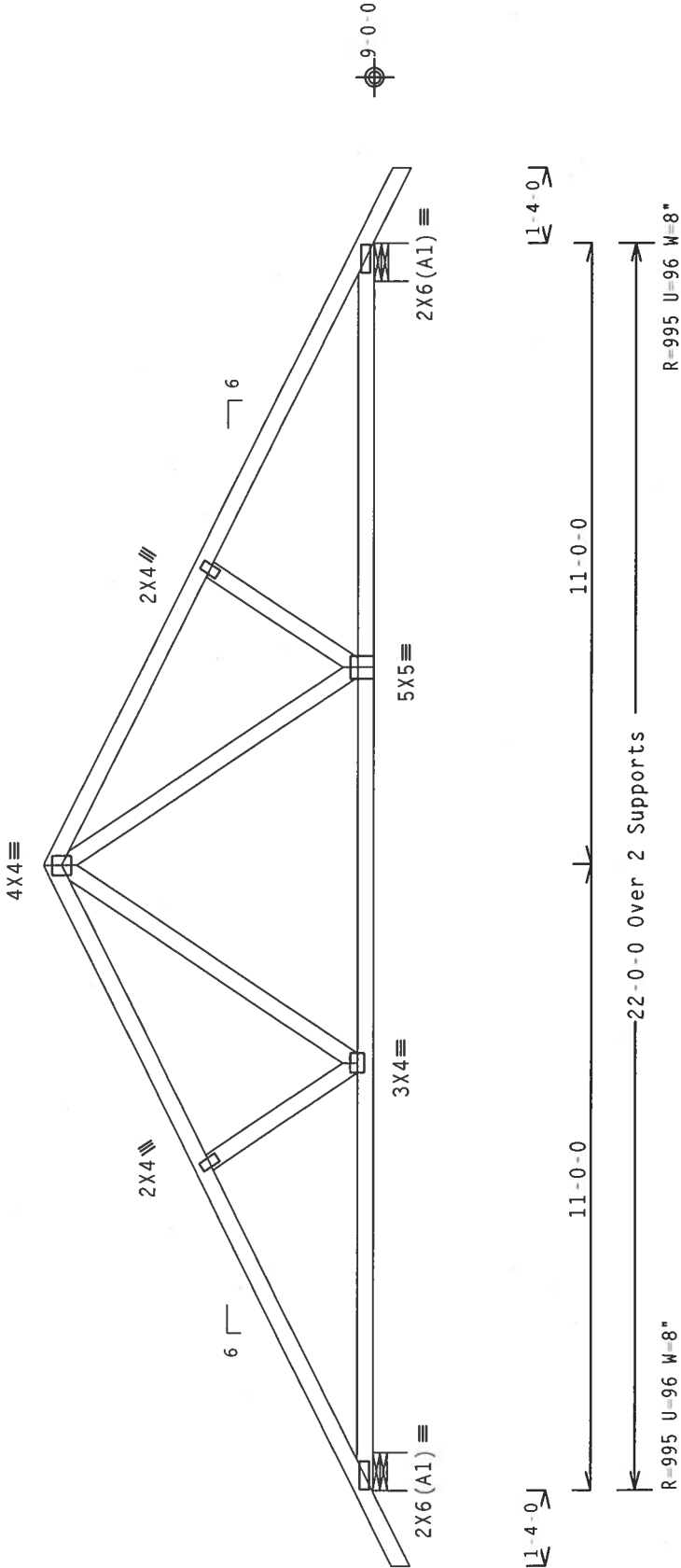
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5-10-3.

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

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

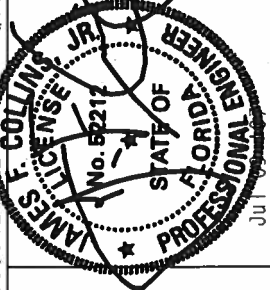


Design Crit: TPI-2002(STD)/FBC

Scale = .3125"/Ft.

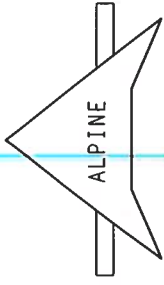
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.36.0424 10 QTY:1 FL/-/5/-/R/-

REF R215-- 44249
DATE 07/09/07
DRW HCUSR215 07190045
HC-ENG DAB/AP
SEQN- 44583
FROM CAW
JREF- 1T8W215_Z04

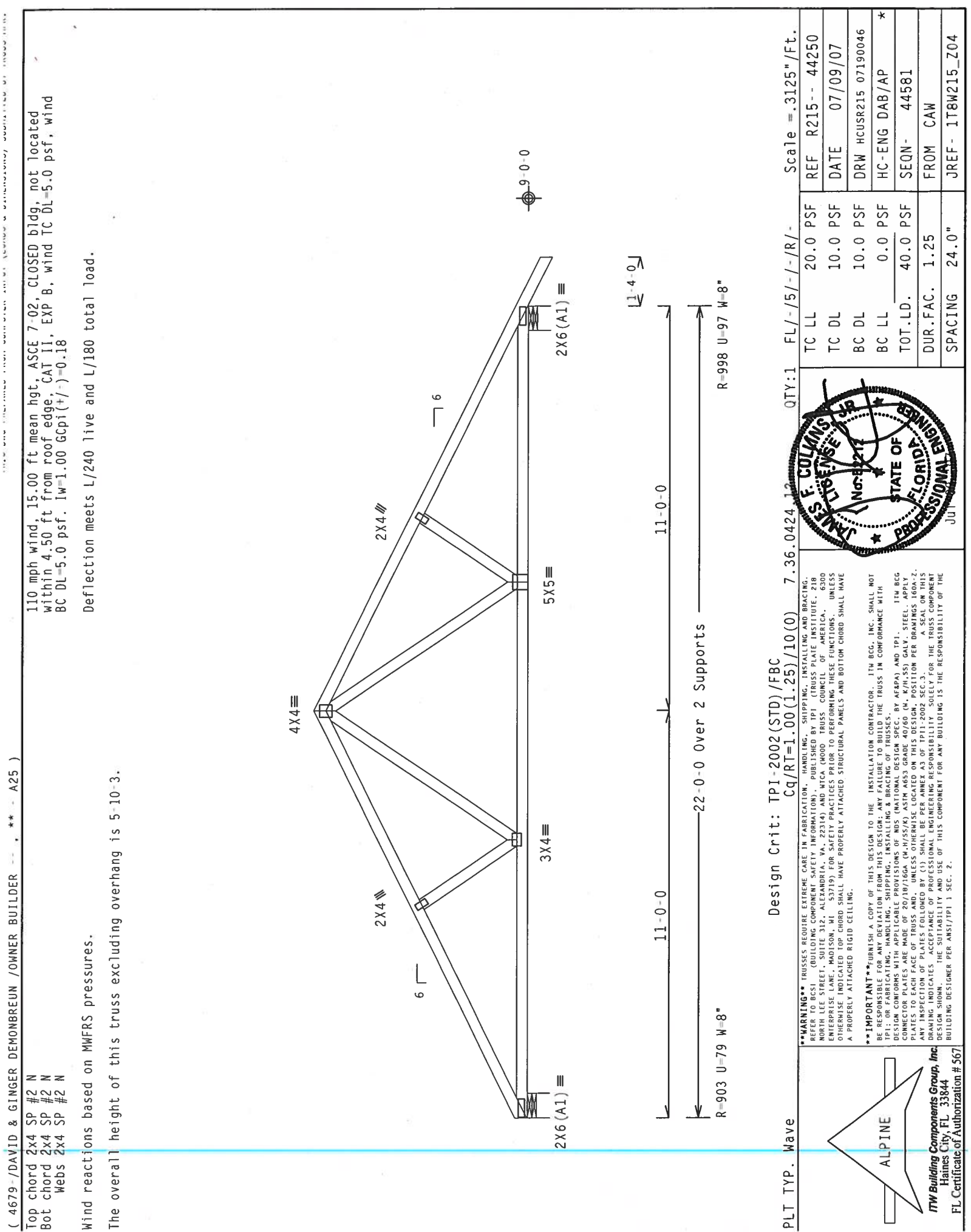


WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE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

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 (M/H/55K) ASTM A653 GRADE 40/60 (M. K/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. TOP CHORD PLATES SHALL BE 16GA (M/H/55K) GALV. STEEL. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 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.



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FL Certificate of Authorization # 567



(4679 -DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , ** - A25)

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5'-10" 3/4".

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

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

Scale = .3125" / Ft.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

PLT TYP. Wave

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

REF R215 - 44250

DATE 07/09/07

DRW HCUSR215 07190046

HC-ENG DAB/AP

SEQN- 44581

FROM CAW

JREF- 1T8W215_Z04

ALPINE

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

11W BCG

CONNECTION PLATES ARE MADE OF 2018/1876GA (M-17/55/47) ASTM A563 GRADE 40/60 (M- K/H/SS) GALV. STEEL. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY 11W SHALL BE PERMANENT SEALING PER DRAWINGS 11W 2.

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.

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. 11W BCG

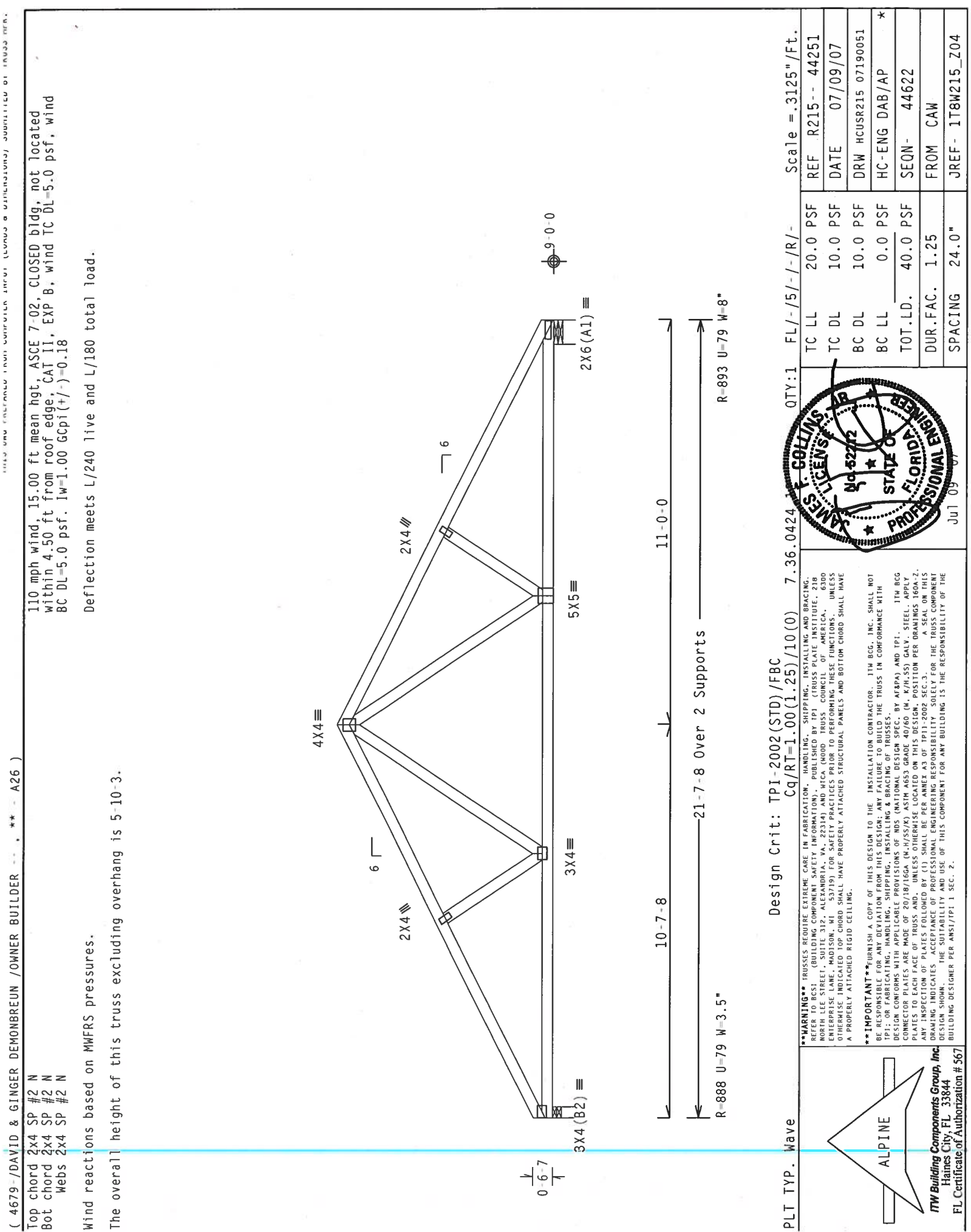
CONNECTION PLATES ARE MADE OF 2018/1876GA (M-17/55/47) ASTM A563 GRADE 40/60 (M- K/H/SS) GALV. STEEL. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY 11W SHALL BE PERMANENT SEALING PER DRAWINGS 11W 2.

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.

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH



(4679 - DAVID & GINGER DEMONBREUN / OWNER BUILDER -- ** - A26)

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5-10-3.

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. Iw=1.00 GCpi(+/-)=0.18

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

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY: 1 FL/-5/-/-R/- Scale = .3125"/Ft.

PLT TYP. Wave

ALPINE

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

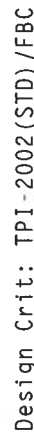
James Collins, P.E.
Professional Engineer
State of Florida
License No. 52272

Jul 09 07

REF	DATE	DRW	HC-ENG	SEON	FROM	JREF
R215--	44251	07/09/07	07190051	DAB/AP	CAW	1T8W215_Z04
TC LL	20.0 PSF	TC DL	10.0 PSF	BC DL	10.0 PSF	TOT.LD.
BC LL	0.0 PSF	DUR.FAC.	1.25	SPACING	24.0"	

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

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


$$Cq/RT=1.00(1.25)/10(0) \quad 7.36.0424$$

QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

TC LL	20.0 PSF	REF	R215 - - 44252
TC DL	10.0 PSF	DATE	07/09/07

BC LL	0.0 PSF	HC-ENG DAB/AP
TOT.LD.	40.0 PSF	SEQN- 44620
DUR.FAC.	1.25	FROM CAW
SPACING	24.0"	JREF- 1T8W215 Z04



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

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Truss must be installed as shown with top chord up.

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

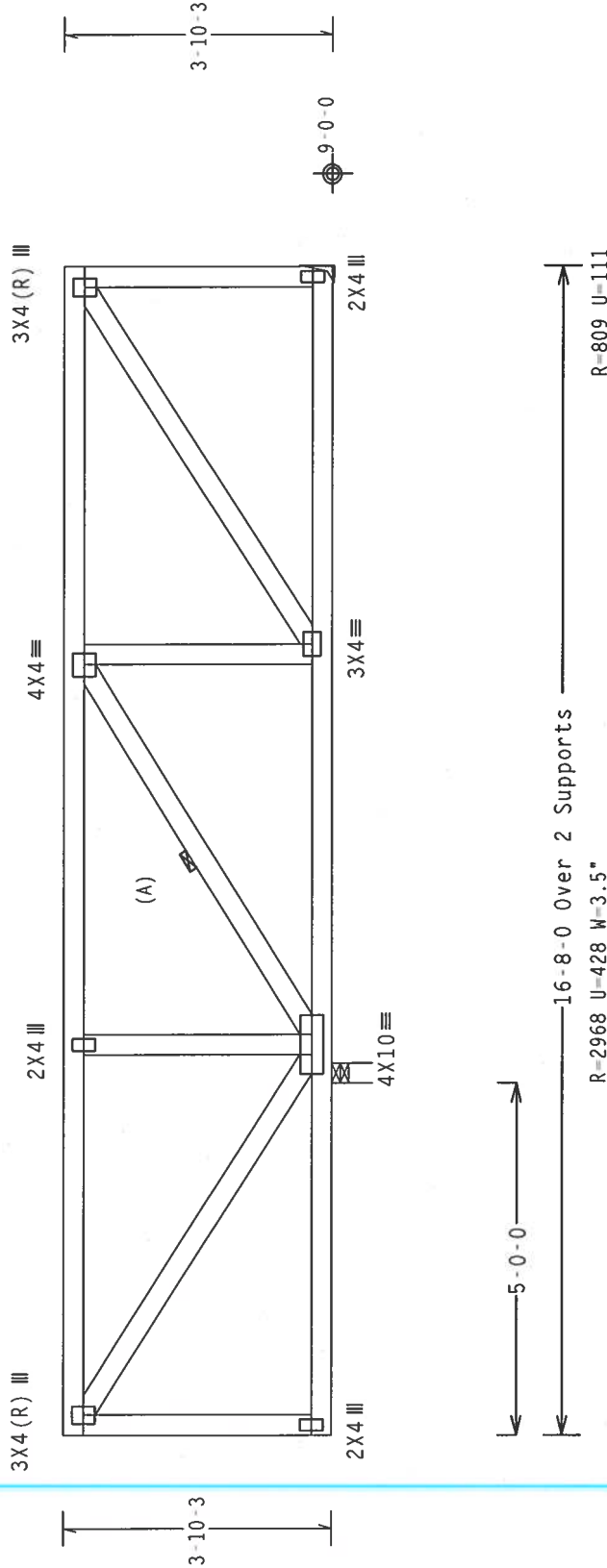
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 16.67
BC - From 20 PLF at 0.00 to 20 PLF at 16.67
TC - 189 LB Conc. Load at 0.06, 2.06, 4.06, 6.06, 6.83
8.48, 10.48, 12.48, 14.48
BC - 83 LB Conc. Load at 0.06, 2.06, 4.06, 6.06, 6.83
8.48, 10.48, 12.48, 14.48

End verticals not exposed to wind pressure.

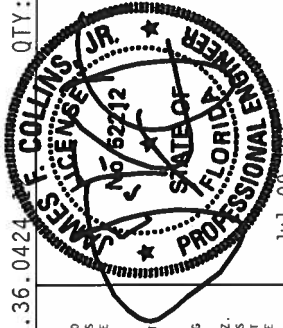
Deflection meets L/240 live and L/180 total load.

The TC of this truss shall be braced with attached spans at 24" OC 1 in lieu of structural sheathing.



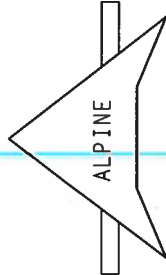
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL/-/5/-/-/R/-	Scale = .375"/Ft.
	TC LL	20.0 PSF	REF R215-- 44253
	TC DL	10.0 PSF	DATE 07/09/07
	BC DL	10.0 PSF	DRW HCUSR215 07190048
	BC LL	0.0 PSF	HC-ENG DAB/AP
	TOT.LD.	40.0 PSF	SEQN- 45687
	DUR.FAC.	1.25	FROM CAW
	SPACING	24.0"	JREF- 1T8W215_Z04



****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 NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND TO EACH FACE OF EACH CHORD. THIS DESIGN IS FOR PERMANENT USE ONLY. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

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

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

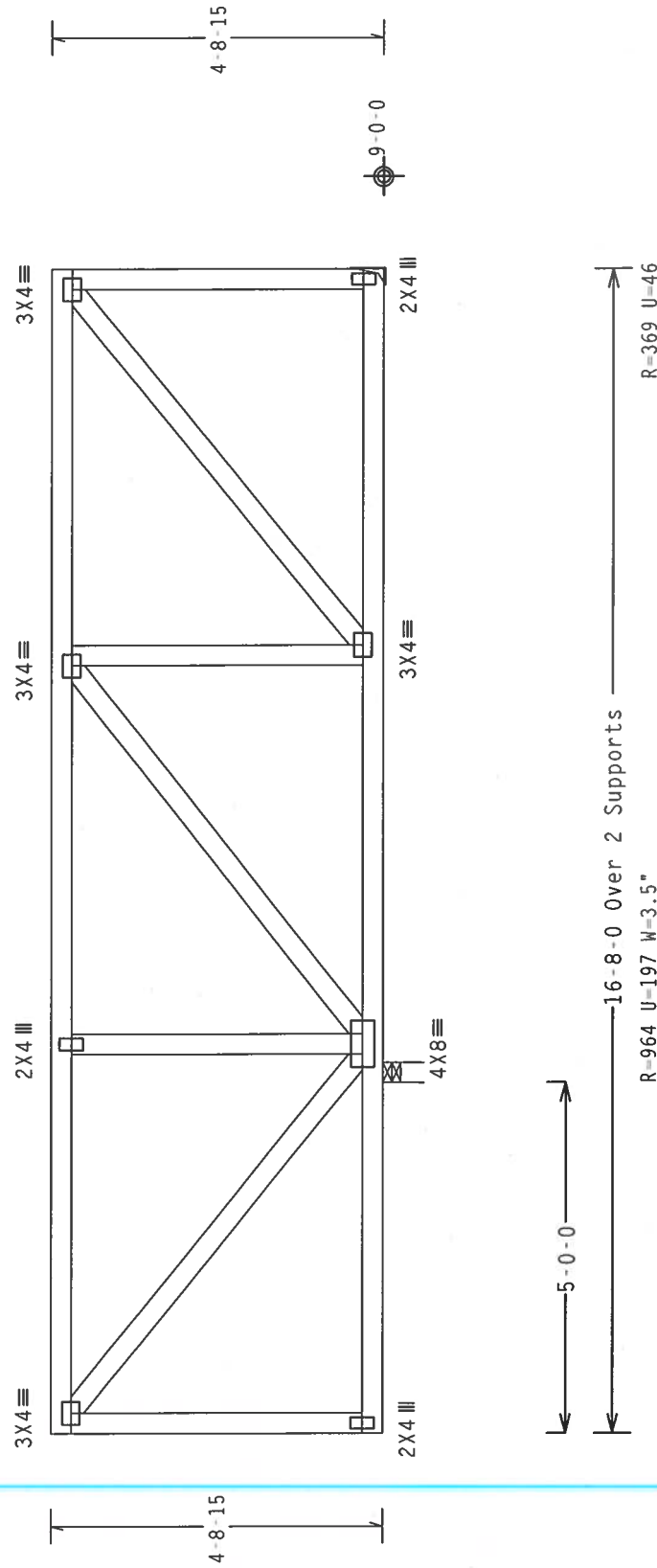
Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

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

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 4-8-15.



Design Crit: TPI-2002(STD)/FBC

Scale = .375"/Ft.

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

~~VIX:1~~

424

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 q/R

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91

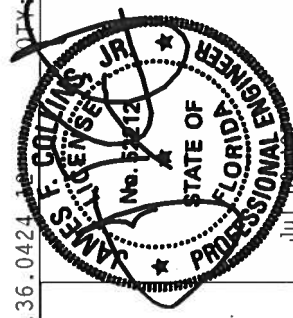
wave

1.

TYE

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 NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48371) 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 GIRDING.

****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 IPT1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO FOLLOW DESIGNER'S (FOR DESIGNER, SEE BY AFIRM) AND IPT1. TRUSS CONNECTOR PLATES ARE MADE OF POLYBUTYLENE GLASS REINFORCED (BY KINSEY) GALV. STEEL. APPLIED TO PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF IPT1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/IPT1 1 SEC. 2.



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

Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

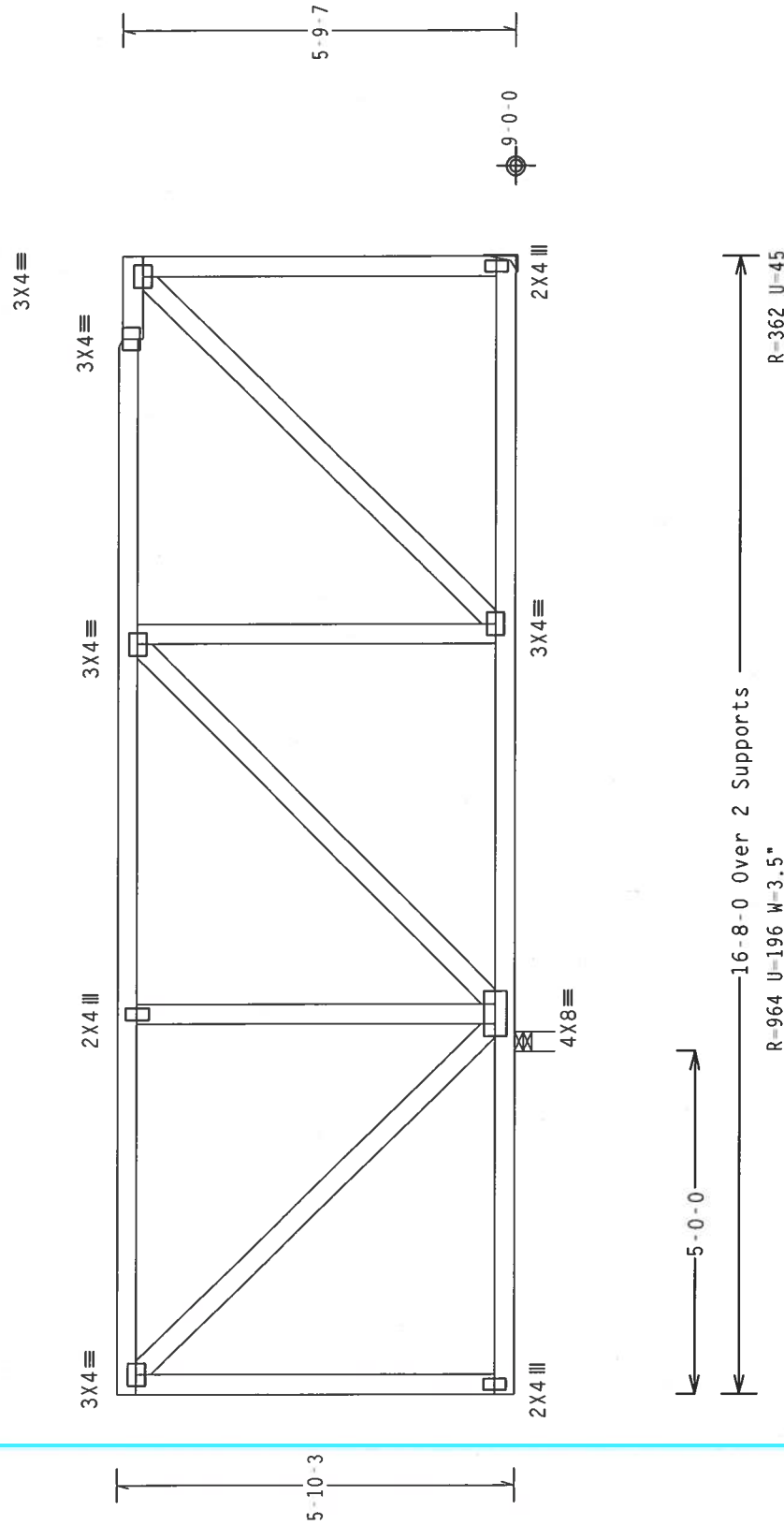
Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is $5 \cdot 10^{-3}$.

End verticals not exposed to wind pressure.

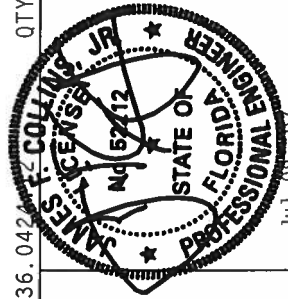
Truss must be installed as shown with top chord up.

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

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

PLT TYP. Wave

TC LL	20.0 PSF	REF	R215 -	44255
TC DL	10.0 PSF	DATE	07/09/07	
BC DL	10.0 PSF	DRW	HCUSR215	07190050
BC LL	0.0 PSF	HC-ENG	DAB/AP	
TOT.LD.	40.0 PSF	SEGN-	45675	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	1T8W215_Z04	

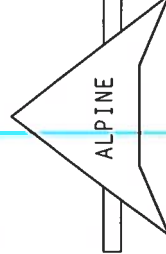


Jul 09 '07

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING COMPONENT INFORMATION FOR THE PROPER LIFTING AND BRACING OF THESE PLATE TRUSSES. NORTH LEE STREET SUITE 312 ALEXANDRIA, VA 22304 AND VICA TRUSS COMPANY INC., 2100 ENTERPRISE LANE MADISON, WI 52719 FOR SAFETY PRACTICES PRIOR TO COMMENCING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC. BY AFAPA) AND IPTI. [IN BCG
CONNECTION PLATES ARE MADE OF 2018/16GA (M/H/55/K) ASTM A653 GRADE 40/60 (M/K/H/55) 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 IPTI-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/IPTI 3 SEC. 2.



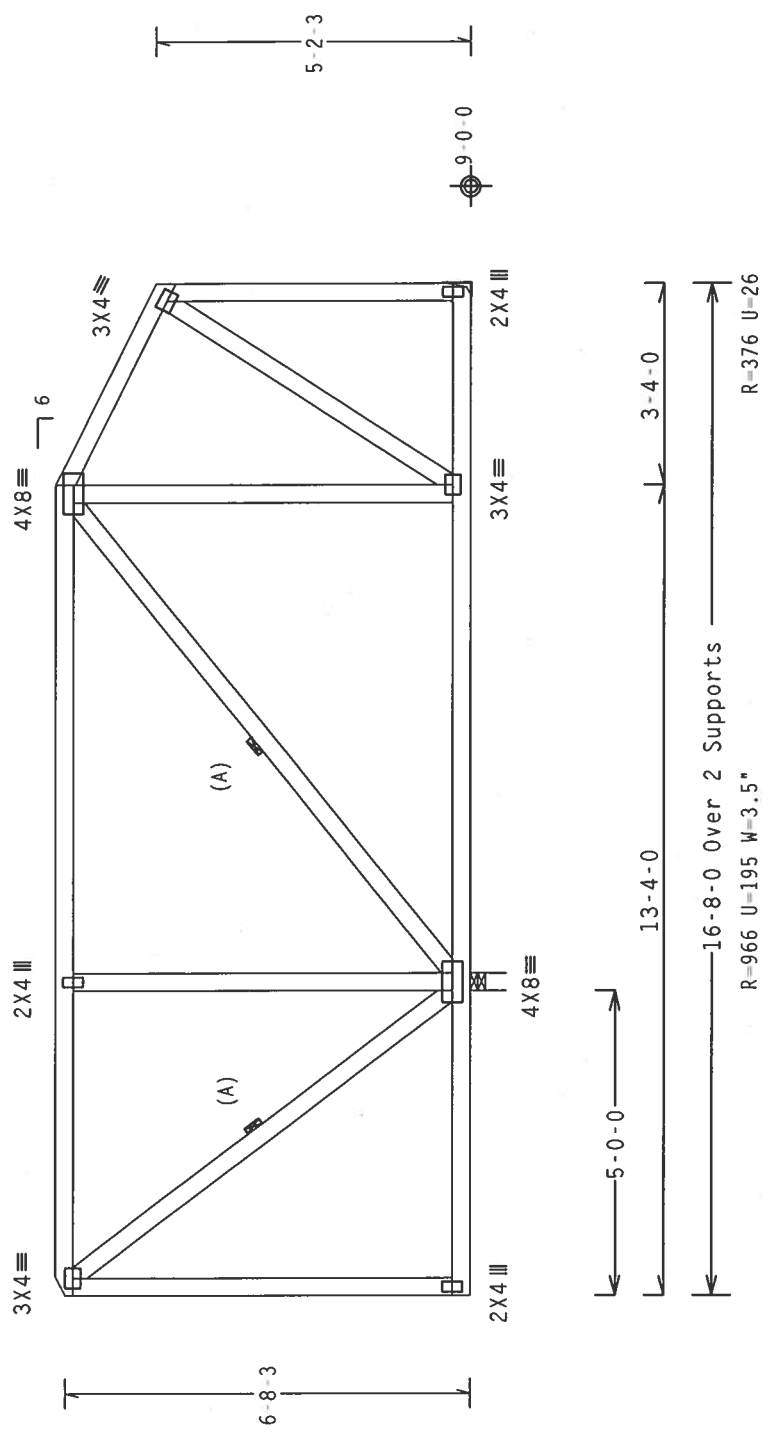
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 15.01 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFS pressures. End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'10"-3."



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424 15.00

QTY:1

FL/-5/-/R/-

Scale =.3125"/Ft.

	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		TC LL	20.0	PSF	REF	R215 --	44256
			TC DL	10.0	PSF	DATE	07/09/07	
			BC DL	10.0	PSF	DRW	HCUSR215	07190053
			BC LL	0.0	PSF	HC-ENG	DAB/AP	
			TOT.LD.	40.0	PSF	SEQN-	45669	
			DUR.FAC.	1.25		FROM	CAW	
			SPACING	24.0"		JREF-	1T8W215_Z04	
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/55/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. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567						

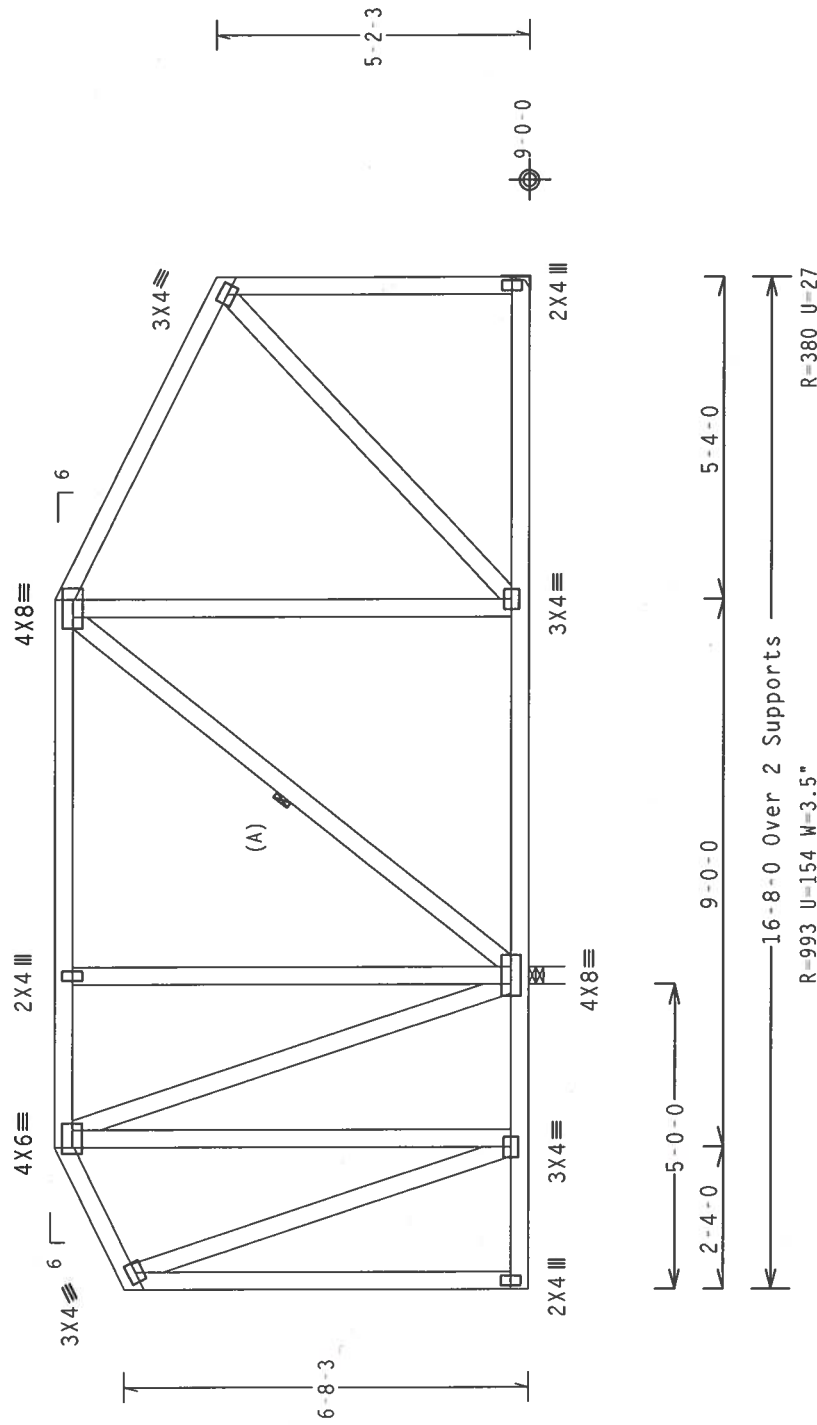
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 mph wind, 15.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is $7 \cdot 10^{-3}$.

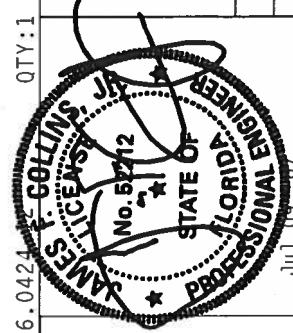


Design Crit: TPI-2002(STD)/FBC

[illegible]

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE (BUILDING CONSTRUCTION SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 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 VARIATION FROM THIS DESIGN; ANY FAILURE TO BUILD IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.) DESIGN SPECIFICATIONS FOR STEEL BUILDINGS (AISC 360-10) AND AISC 360-10B (AISC 360-10B) AND AISC 360-10C (AISC 360-10C) AND AISC 360-10D (AISC 360-10D) AND AISC 360-10E (AISC 360-10E) AND AISC 360-10F (AISC 360-10F) AND AISC 360-10G (AISC 360-10G) AND AISC 360-10H (AISC 360-10H) AND AISC 360-10I (AISC 360-10I) AND AISC 360-10J (AISC 360-10J) AND AISC 360-10K (AISC 360-10K) AND AISC 360-10L (AISC 360-10L) AND AISC 360-10M (AISC 360-10M) AND AISC 360-10N (AISC 360-10N) AND AISC 360-10O (AISC 360-10O) AND AISC 360-10P (AISC 360-10P) AND AISC 360-10Q (AISC 360-10Q) AND AISC 360-10R (AISC 360-10R) AND AISC 360-10S (AISC 360-10S) AND AISC 360-10T (AISC 360-10T) AND AISC 360-10U (AISC 360-10U) AND AISC 360-10V (AISC 360-10V) AND AISC 360-10W (AISC 360-10W) AND AISC 360-10X (AISC 360-10X) AND AISC 360-10Y (AISC 360-10Y) AND AISC 360-10Z (AISC 360-10Z) AND AISC 360-10AA (AISC 360-10AA) AND AISC 360-10AB (AISC 360-10AB) AND AISC 360-10AC (AISC 360-10AC) AND AISC 360-10AD (AISC 360-10AD) AND AISC 360-10AE (AISC 360-10AE) AND AISC 360-10AF (AISC 360-10AF) AND AISC 360-10AG (AISC 360-10AG) AND AISC 360-10AH (AISC 360-10AH) AND AISC 360-10AI (AISC 360-10AI) AND AISC 360-10AJ (AISC 360-10AJ) AND AISC 360-10AK (AISC 360-10AK) AND AISC 360-10AL (AISC 360-10AL) AND AISC 360-10AM (AISC 360-10AM) AND AISC 360-10AN (AISC 360-10AN) AND AISC 360-10AO (AISC 360-10AO) AND AISC 360-10AP (AISC 360-10AP) AND AISC 360-10AQ (AISC 360-10AQ) AND AISC 360-10AR (AISC 360-10AR) AND AISC 360-10AS (AISC 360-10AS) AND AISC 360-10AT (AISC 360-10AT) AND AISC 360-10AU (AISC 360-10AU) AND AISC 360-10AV (AISC 360-10AV) AND AISC 360-10AW (AISC 360-10AW) AND AISC 360-10AX (AISC 360-10AX) AND AISC 360-10AY (AISC 360-10AY) AND AISC 360-10AZ (AISC 360-10AZ) AND AISC 360-10BA (AISC 360-10BA) AND AISC 360-10BB (AISC 360-10BB) AND AISC 360-10BC (AISC 360-10BC) AND AISC 360-10BD (AISC 360-10BD) AND AISC 360-10BE (AISC 360-10BE) AND AISC 360-10BF (AISC 360-10BF) AND AISC 360-10BG (AISC 360-10BG) AND AISC 360-10BH (AISC 360-10BH) AND AISC 360-10BI (AISC 360-10BI) AND AISC 360-10BJ (AISC 360-10BJ) AND AISC 360-10BK (AISC 360-10BK) AND AISC 360-10BL (AISC 360-10BL) AND AISC 360-10BM (AISC 360-10BM) AND AISC 360-10BN (AISC 360-10BN) AND AISC 360-10BO (AISC 360-10BO) AND AISC 360-10BP (AISC 360-10BP) AND AISC 360-10BQ (AISC 360-10BQ) AND AISC 360-10BR (AISC 360-10BR) AND AISC 360-10BS (AISC 360-10BS) AND AISC 360-10BT (AISC 360-10BT) AND AISC 360-10BU (AISC 360-10BU) AND AISC 360-10BV (AISC 360-10BV) AND AISC 360-10BW (AISC 360-10BW) AND AISC 360-10BX (AISC 360-10BX) AND AISC 360-10BY (AISC 360-10BY) AND AISC 360-10BZ (AISC 360-10BZ) AND AISC 360-10CA (AISC 360-10CA) AND AISC 360-10CB (AISC 360-10CB) AND AISC 360-10CC (AISC 360-10CC) AND AISC 360-10CD (AISC 360-10CD) AND AISC 360-10CE (AISC 360-10CE) AND AISC 360-10CF (AISC 360-10CF) AND AISC 360-10CG (AISC 360-10CG) AND AISC 360-10CH (AISC 360-10CH) AND AISC 360-10CI (AISC 360-10CI) AND AISC 360-10CJ (AISC 360-10CJ) AND AISC 360-10CK (AISC 360-10CK) AND AISC 360-10CL (AISC 360-10CL) AND AISC 360-10CM (AISC 360-10CM) AND AISC 360-10CN (AISC 360-10CN) AND AISC 360-10CO (AISC 360-10CO) AND AISC 360-10CP (AISC 360-10CP) AND AISC 360-10CQ (AISC 360-10CQ) AND AISC 360-10CR (AISC 360-10CR) AND AISC 360-10CS (AISC 360-10CS) AND AISC 360-10CT (AISC 360-10CT) AND AISC 360-10CU (AISC 360-10CU) AND AISC 360-10CV (AISC 360-10CV) AND AISC 360-10CW (AISC 360-10CW) AND AISC 360-10CX (AISC 360-10CX) AND AISC 360-10CY (AISC 360-10CY) AND AISC 360-10CZ (AISC 360-10CZ) AND AISC 360-10DA (AISC 360-10DA) AND AISC 360-10DB (AISC 360-10DB) AND AISC 360-10DC (AISC 360-10DC) AND AISC 360-10DD (AISC 360-10DD) AND AISC 360-10DE (AISC 360-10DE) AND AISC 360-10DF (AISC 360-10DF) AND AISC 360-10DG (AISC 360-10DG) AND AISC 360-10DH (AISC 360-10DH) AND AISC 360-10DI (AISC 360-10DI) AND AISC 360-10DJ (AISC 360-10DJ) AND AISC 360-10DK (AISC 360-10DK) AND AISC 360-10DL (AISC 360-10DL) AND AISC 360-10DM (AISC 360-10DM) AND AISC 360-10DN (AISC 360-10DN) AND AISC 360-10DO 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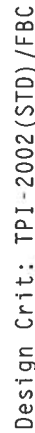


TC LL	20.0	PSF	REF R215 - - 44257
TC DL	10.0	PSF	DATE 07/09/07
BC DL	10.0	PSF	DRW HCUR215 07190054
BC LL	0.0	PSF	HC-ENG DAB/AP
TOT.LD.	40.0	PSF	SEON- 45693
DUR.FAC.	1.25		FROM CAW
SPACING	24.0"		JREF- 1T8W215_Z04

110 mph wind, 16.51 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

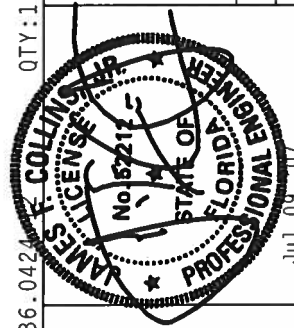
End verticals not exposed to wind pressure.

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

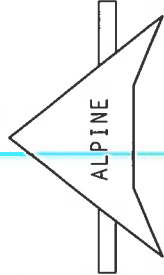
 $Cq/RT=1.00(1.25)/10(0)$

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

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TC DL	10.0	PSF	DATE	07/09/07	
BC DL	10.0	PSF	DRW	HCUSR215	07190056
BC LL	0.0	PSF	HC-ENG	DAB/AP	
TOT.LD.	40.0	PSF	SEQN-	45706	
DUR,FAC.	1.25		FROM	CAW	
SPACING	24.0"		JREF-	1T8W215_Z04	



Jul 09 '07



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

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

Wind reactions based on MWFRS pressures.

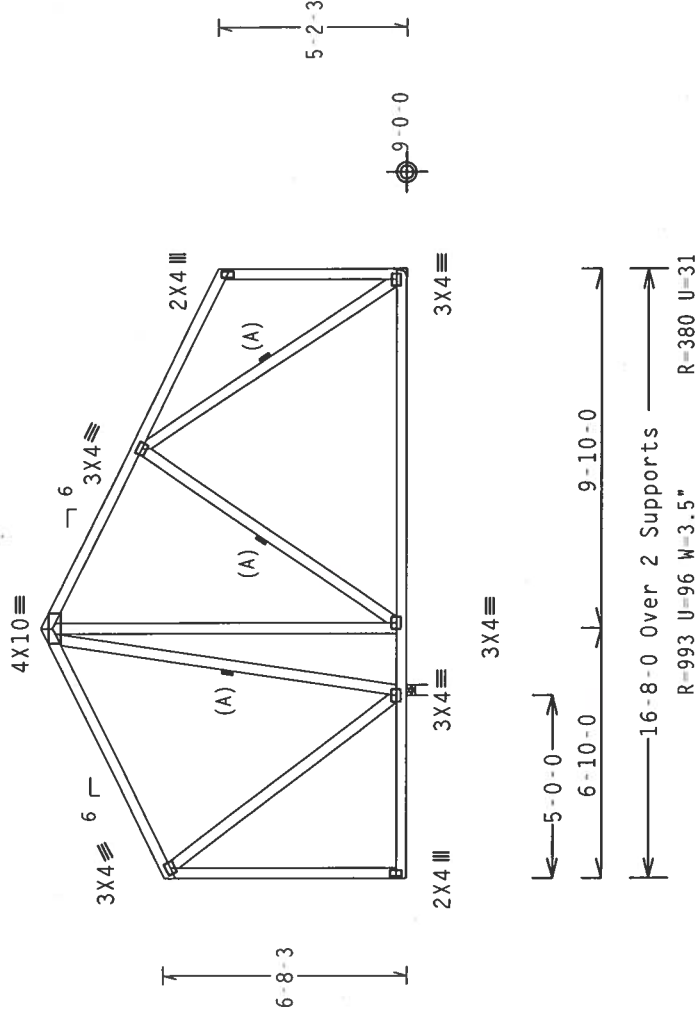
(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 10-1-3.

110 mph wind, 16.64 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

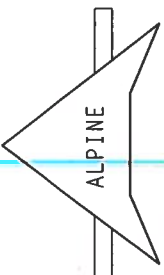
End verticals not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

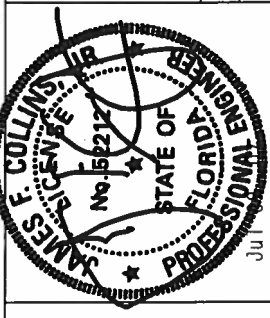
PLT TYP. Wave QTY: 1 FL/-5/-/-R/- Scale = .1875"/Ft.



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FL Certificate of Authorization # 567

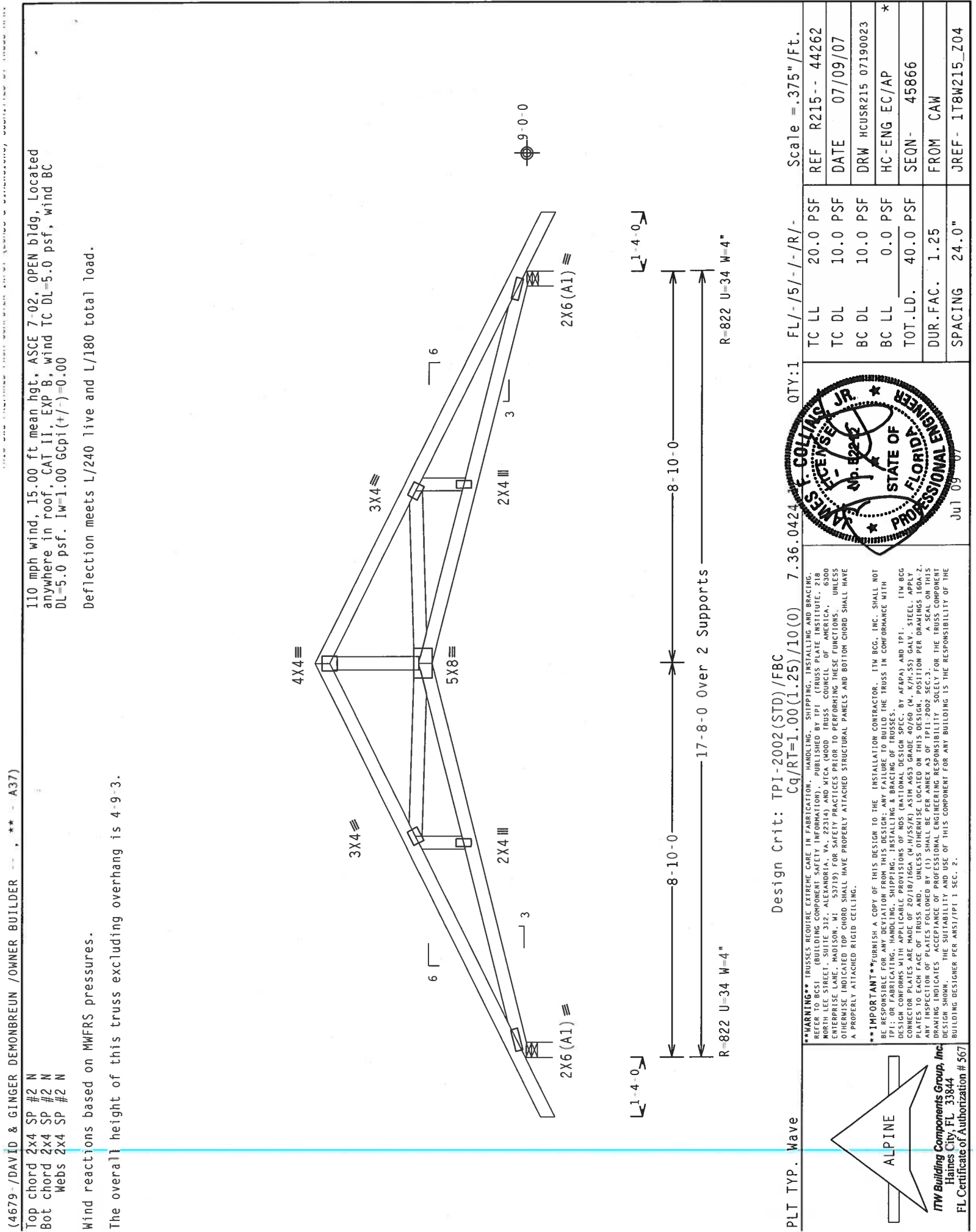
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48061) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 (M/H/SS) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002, SEC.3. A SEAL ON THIS DESIGN SHOWS THE DESIGNER'S ACCEPTANCE OF THE DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



James E. Collins
Professional Engineer
State of Florida
No. 15212

TC LL	20.0 PSF	REF	R215--	44260
TC DL	10.0 PSF	DATE	07/09/07	
BC DL	10.0 PSF	DRW	HCUSR215	07190057
BC LL	0.0 PSF	HC-ENG	DAB/AP	
TOT.LD.	40.0 PSF	SEON-	45713	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	1T8W215_Z04	



(4679- /DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , ** - A37)

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Web 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-9-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN 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(+/-)=0.00

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

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

QTY: 1

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

Scale = .375"/Ft.

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

REF R215-- 44262

DATE 07/09/07

DRW HCUSR215 07190023

HC-ENG EC/AP

SEON- 45866

FROM CAW

JREF- 1T8W215_Z04

STATE OF FLORIDA

PROFESSIONAL ENGINEER

JAMES F. COLLINS JR.

AP. 6226

Jul 09 07

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 NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/1716GA (M/H/557K) ASTM A653 GRADE 40/60 (M, K/P,SS) GALV. STEEL. APPLY PLATES EACH SIDE OF TRUSS. OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. ADOPT 2. UNLESS SPECIFIED OTHERWISE, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS ARE SHOWN TO THE CENTERLINE OF THE TRUSS. 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 # 567

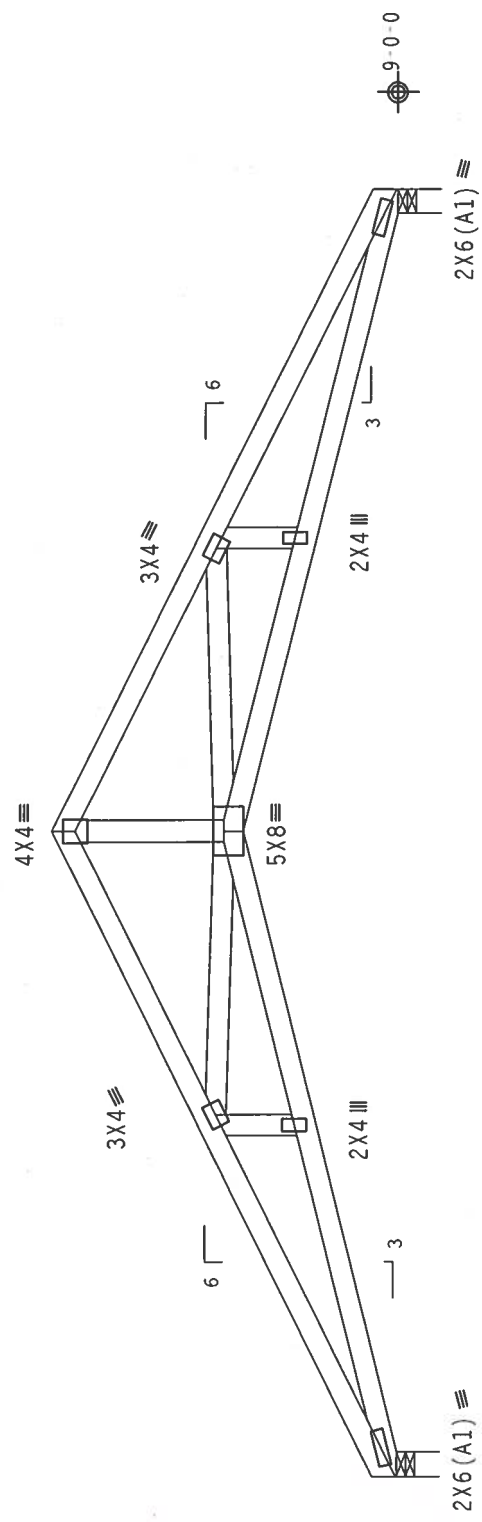
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-9-3.



8-10-0 8-10-0 8-10-0

17-8-0 Over 2 Supports

R=733 U-63 W-4"

R=733 U-63 W-4"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

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

Scale = .375"/Ft.

REF	R215--	44263
DATE	07/09/07	
DRW	HCUSR215	07190024
HC-ENG	EC/AP	*
SEQN	45951	
FROM	CAW	
JREF	1T8W215	Z04

ALPINE

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

JAMES F. COLLINS, JR.
Professional Engineer
State of Florida
No. 52271
Jul 09

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M/H/SS/K) ASTM A653 GRADE 40/60 (N. K/M/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

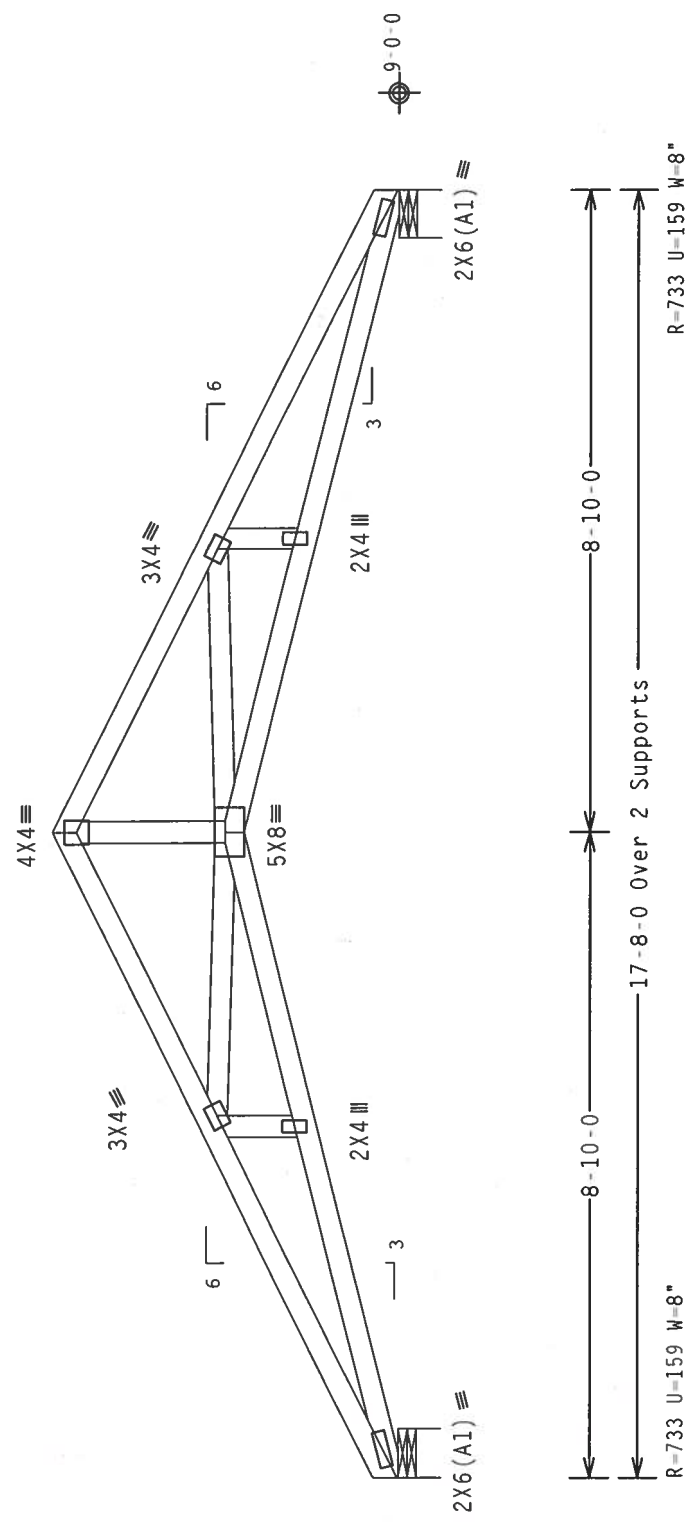
	Top	Bot	SP #2	N
chord	2x4	2x4	2x4	2x4
webs				

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.

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

The overall height of this truss excluding overhang is 4-9-3.



Design Crit: TPI-2002(STD)/FBC

Scale = .375"/Ft.

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

0424-1260

$$)/10(0) \quad 7.36$$
$$Cq/RT=1.00(1.2)$$

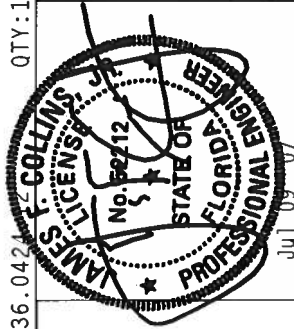
Design Crit:

RP. Wave

PLT

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENTS INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETENTION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR ANY DETENTION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY AEPFA AND TPI. LTH BCG CONNECTOR PLATES ARE MADE OF 2010/16GA U/S255K3 ALUM 6063 GRADE 40/60 (M-K/S-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 A.3 OF TPI-1 2002 SEC. 3.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

FL Certificate of Authorization #567

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

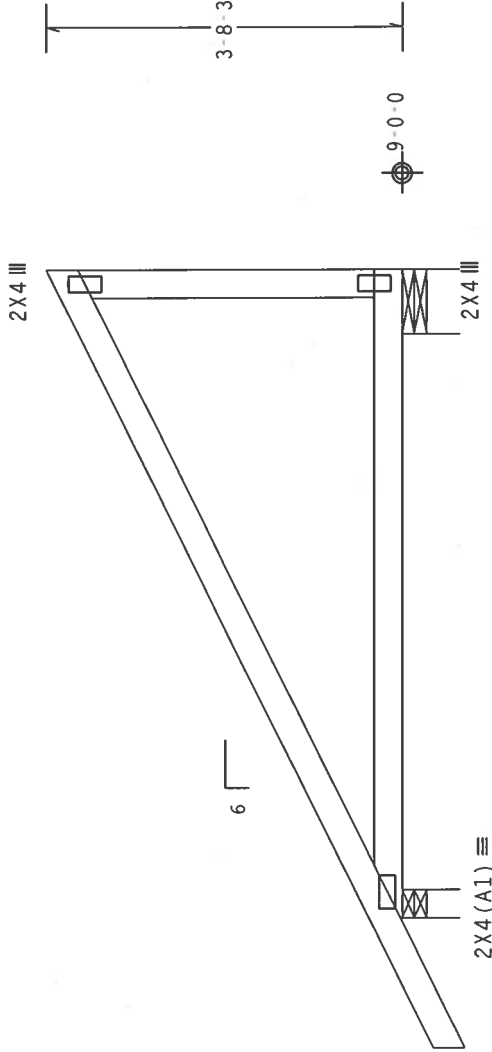
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



1-4-0

6-8-0 Over 2 Supports

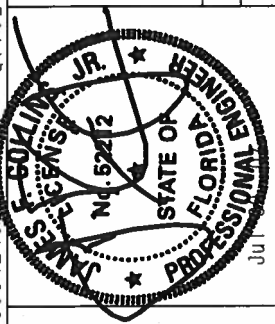
R-381 U-23 W-3.5"

R-257 U-42 W-8"

Design Crit: TPI-2002(STD)/FBC

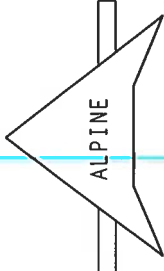
QTY: 1 FL/-/5/-/-/R/- Scale = .5"/Ft.

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BC DL	10.0 PSF	DRW	HCUSR215 07190061
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN	44646
DUR.FAC.	1.25	FROM	CAW
SPACING	24.0"	JREF	1T8W215_Z04



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/16GA) ASTM A653 GRADE 40/60 (40/60) GALV. STEEL. APPLY THE FOLLOWING TOLERANCES UNLESS OTHERWISE SPECIFIED: CUTTING: ±.015" PER SIDE; DRILLING: ±.015" PER SIDE; DRILLING: ±.015" PER SIDE; DRILLING: ±.015" PER SIDE. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

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

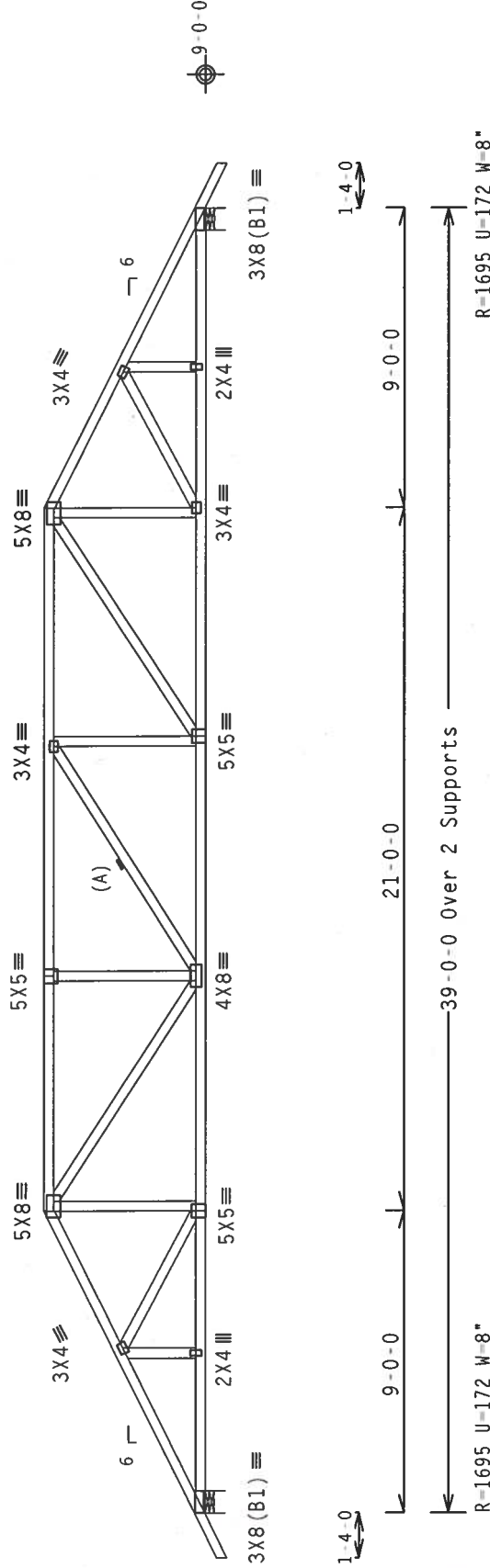
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MMFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 4-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	Scale = .1875"/Ft.
	TC LL	20.0 PSF	REF R215-- 44271
	TC DL	10.0 PSF	DATE 07/09/07
	BC DL	10.0 PSF	DRW HCUSR215 07190063
	BC LL	0.0 PSF	HC-ENG DAB/AP *
	TOT.LD.	40.0 PSF	SEQN- 44643
	DUR.FAC.	1.25	FROM CAW
SPACING 24.0"			JREF- 1T8W215_Z04

****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 NITCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48061) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/P&A) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/SS/K) ASTM A653 GRADE 40/60 (N, K/M/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY 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. THE DESIGNER'S USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

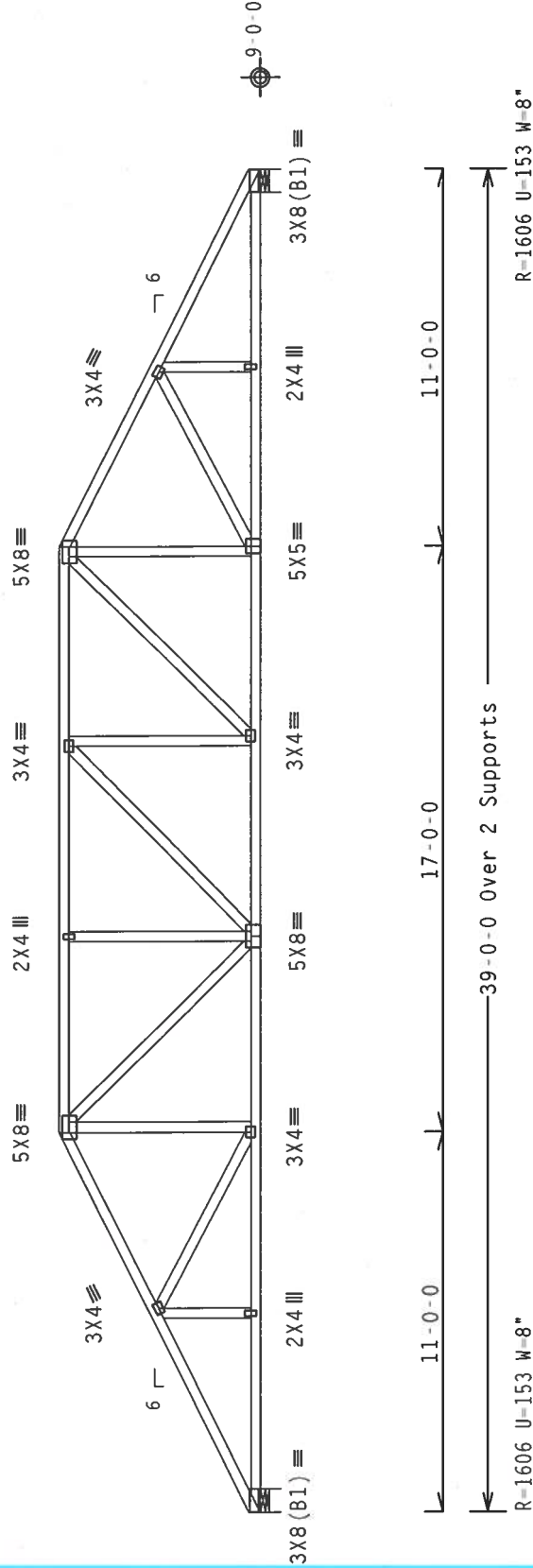
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

Wind reactions based on MMFRS pressures.

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

The overall height of this truss excluding overhang is 5'-10"-3."



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

QTY: 1

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

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R215-- 44272

DATE 07/09/07

DRW HCUSR215 07190064

HC-ENG DAB/AP

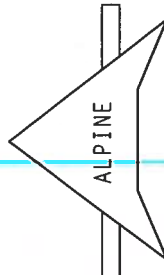
SEQN- 44641

FROM CAW

JREF- 1T8W215_Z04

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-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 DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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(4679- /DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , ** - JC5)

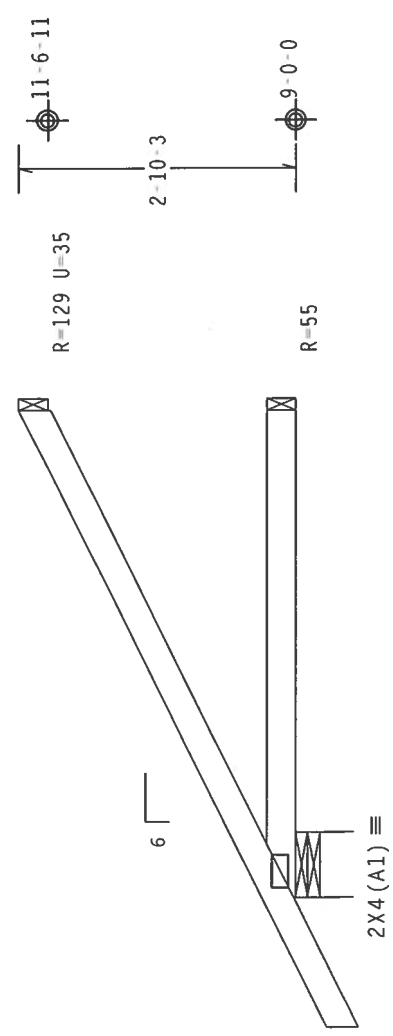
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

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

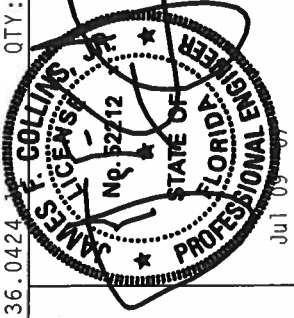
Deflection meets L/240 live and L/180 total load.



1-4-0
5-0-0 Over 3 Supports
R-316 U=22 W=8"

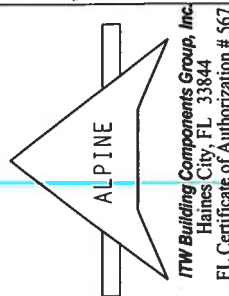
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	Scale = 5"/Ft.
REF R215-- 44275	TC LL	20.0 PSF	
DATE 07/09/07	TC DL	10.0 PSF	
DRW HCUSR215 07190066	BC DL	10.0 PSF	
HC-ENG DAB/AP *	BC LL	0.0 PSF	
SEQN- 44639	TOT.LD.	40.0 PSF	
FROM CAW	DUR.FAC.	1.25	
JREF- 1T8W215_Z04	SPACING	24.0"	



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

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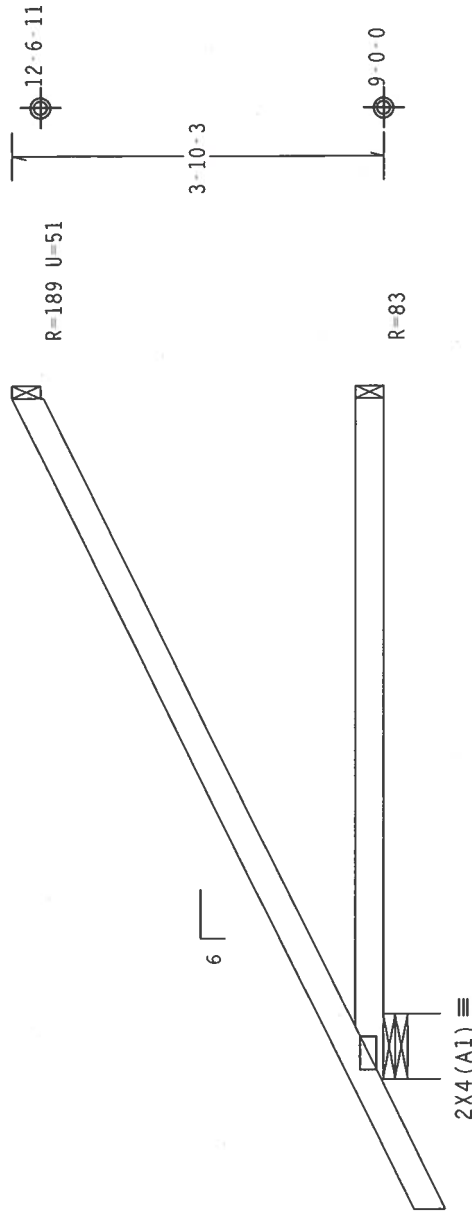


Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

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

Wind reactions based on MWFRS pressures.

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



7-4-07

7-0-0 Over 3 Supports

R=394 U=23 W=8"

Design Crit: TPI-2002(STD)/FBC

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

124 ~~1999~~
$$Cq/RT = 1.00(1.25)/10(0)$$

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO PREVENT DAMAGE TO THE TRUSSES. ALWAYS FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR PROPER TRUSS HANDLING AND BRACING. SEE THE FOLLOWING REFERENCES FOR ADDITIONAL INFORMATION ON THIS SUBJECT:

AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., "DESIGN GUIDE FOR COMPOSITE TRUSSES," 3RD EDITION, 1989.
NORTH LEE STREET, SUITE 312, ALEXANDRIA VA, 22304
AND NCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, MI, 48271

THE FOLLOWING ARE SOME OF THE BEST PRACTICES FOR 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 ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH AMERICAN PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL TUBULAR MEMBERS AND COMBINATION WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL TUBULAR CONNECTIONS.

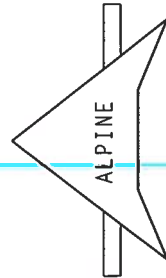
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A.3 OF TPI-1/2002 SEC.3.

DRAWING INDICATES PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE ONLY.

THIS IS THE DESIGN FOR THIS CONVENT FOR ANY BUILDING 15' TO 20' IN HEIGHT.

BUILDING DESIGNER PER ANSP/TPI-1 SEC. 2.



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

FL/-/5/-/-/R/-		Scale = .5" /ft.
TC LL	20.0 PSF	REF R215-- 44276
TC DL	10.0 PSF	DATE 07/09/07
BC DL	10.0 PSF	DRW HCUSR215 07190058
BC LL	0.0 PSF	HC-ENG DAB/AP *
TOT.L.D.	40.0 PSF	SEQN- 44605
DUR.FAC.	1.25	FROM CAW
SPACING	24.0"	JREF- 1T8W215_Z04

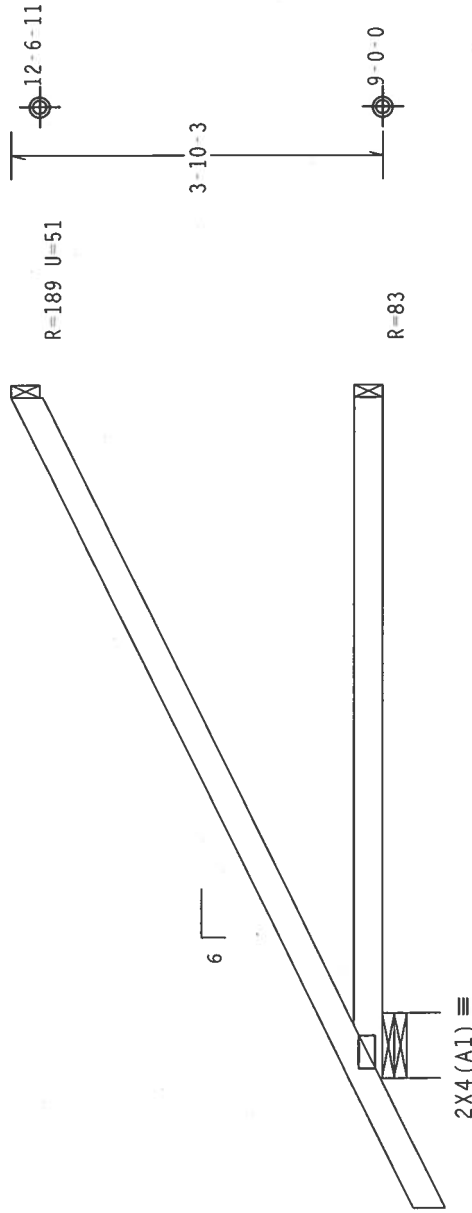
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

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. lw=1.00 GCpl(+/-)=0.18

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



L=1-4-0

7-0-0 Over 3 Supports

R=394 U=23 W=8

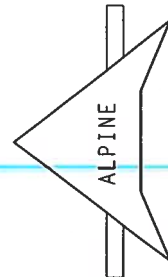
Design Crit: TPI-2002 (STD)/FBC

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

Cq/RT=1.00(1.25)/10(0) 7.36.0421

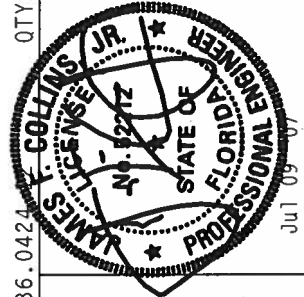
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/160A (N-H/SS/7K) ASH A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATE TO EACH CHORD OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ALL TRUSSES SHALL BE DESIGNED AND MANUFACTURED BY ITW BUILDING COMPONENTS GROUP, INC. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
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PLT TYP. Wave



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

REF	R215--	44277
DATE	07/09/07	
DRW	HCUSR215	07190069
HC-ENG	DAB/AP	*
SEQN-	44650	
FROM	CAW	
JREF-	1T8W215_Z04	

ITW Building Components Group, Inc.

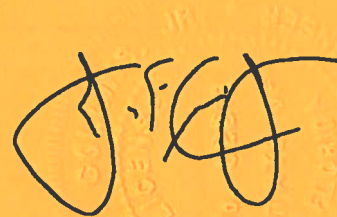
1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IT8Y215-Z0211130251

Truss Fabricator: W.B. Howland
Job Identification: 4679-/DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , **
Truss Count: 1
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Open

Notes:

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

Details: 140GS-



Seal Date: 07/11/2007

-Truss Design Engineer-
James F. Collins Jr.

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

#	Ref	Description	Drawing#	Date
1	57438--A36		07192006	07/11/07

ALPINE



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: 1T8Y215-Z0211130251

Truss Fabricator: W. B. Howland
Job Identification: 4679-/DAVID & GINGER DEMONBREUN /OWNER BUILDER -- , **
Truss Count: 1
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Open

Notes:

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

Seal Date: 07/11/2007

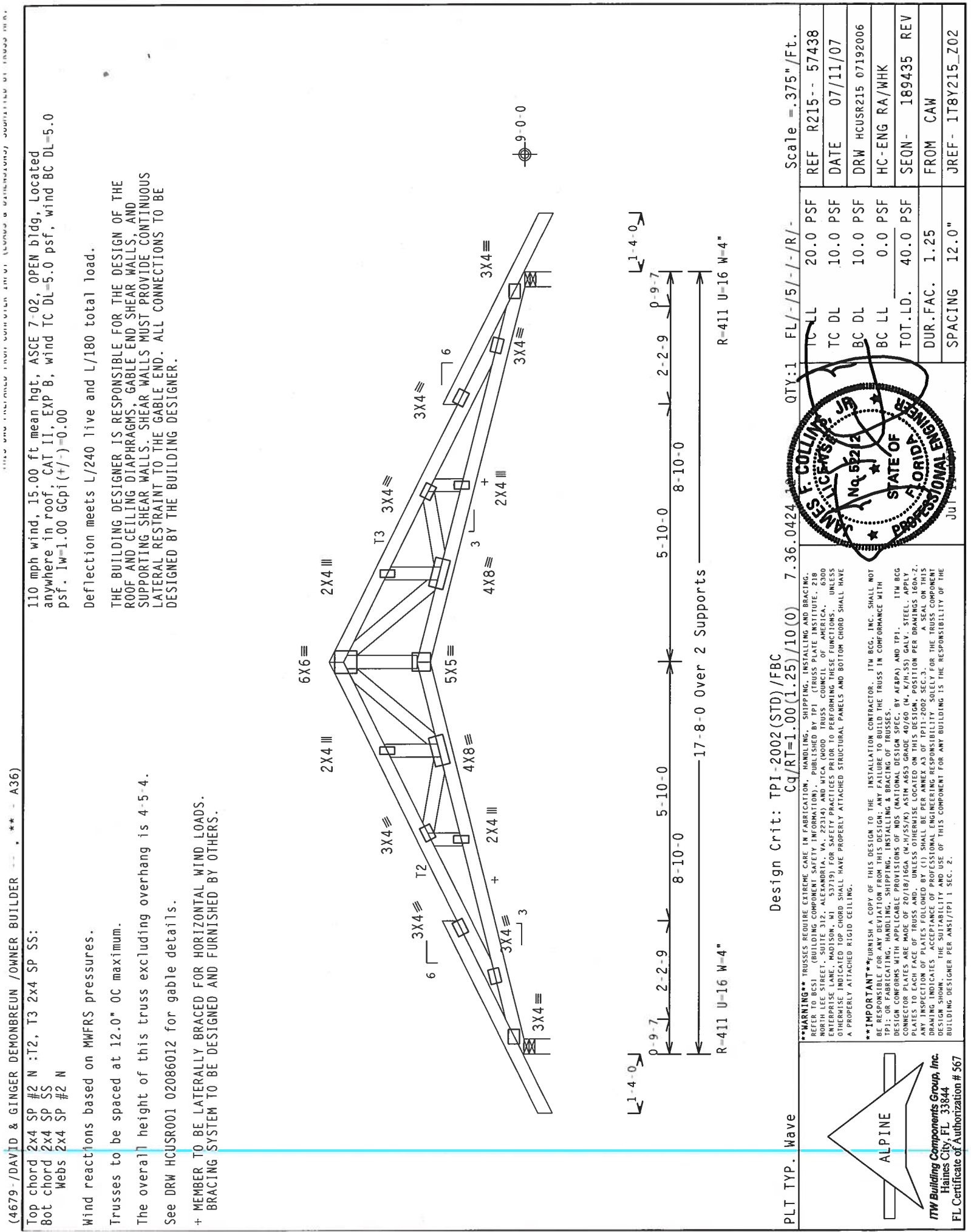
-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	57438--A36		07192006	07/11/07

ALPINE





(4679) /DAVID & GINGER DEMONBREUN /OWNER BUILDER ** - A36)

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

Wind reactions based on MWFRS pressures.

Trusses to be spaced at 12.0" OC maximum.

The overall height of this truss excluding overhang is 4'-5 1/4".

See DRW HCUSR001 02086012 for gable details.

+ MEMBER TO BE Laterally Braced FOR HORIZONTAL WIND LOADS.
BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN 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(+/-)=0.00

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

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

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 10

Scale = .375"/Ft.

REF R215-- 57438
DATE 07/11/07
DRW HCUSR215 07192006
HC-ENG RA/WHK
SEQN- 189435 REV
FROM CAW
JREF- 1T8Y215_Z02

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN 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(+/-)=0.00

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN 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(+/-)=0.00

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

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE
ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND
SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS
LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE
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110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN 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(+/-)=0.00

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN 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(+/-)=0.00

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN bldg, Located
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SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS
LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE
DESIGNED BY THE BUILDING DESIGNER.

(ASCE 7-98 GABLE END DETAILS, 140 MPH, EXP C, PART. ENC) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

** 2X4 SO. PINE #3 GABLE STUDS ATTACH TO TOP CHORD. DIAGONAL WEBS
** BOTTOM CHORD WITH W2X4 ALPINE PLATES ALL (***) GABLE STUINS REQUIRED.
140 MPH WIND. 30.00 FT MEAN HGT. ASCE 7-98. PART. ENCLOSED BLDG.
CAT. II EYR

ENFORCING MEMBER MUST BE TO MAINTAIN
IN NAILS AT A CLUSTER OF 0.131 INCHES
REINFORCING MEMBER MUST BE TO MAINTAIN
CLUSTER OF 0.131 INCHES

4. TOP OF STUD BRACING AND
DETAIL FOR NAILING. SEE CHART FOR STUD BRACING AND
CHORD SEE
ND BOTTOM
PATING OF
VERTICAL
EXP. C.
CAT II.
ASCE 7-02, PART I. ENCLOSED BLDG.

SEE APPROPRIATE ALPINE DRAWING FOR LUMBER, PLATES AND
SUPPORTS. NOTE: TRUSS DEFLECTOR IS RESPONSIBLE FOR PERMANENT WEB BRACING WHEN

FOR THE PURPOSE OF THE DRAWING, THE FOLLOWING INFORMATION IS REQUIRED. FURNISH A COPY OF THIS DRAWING TO THE TRUSS ERECTOR. OTHER DATA NOT SHOWN HERE.

↑ STUD MUST BE ATTACHED TO CHAINS AND STACONS.

PLATE AS REQUIRED ON APPROPRIATE DRAWING.

[illegible]

LOADS INTO THE ROOF AND CEILING DIAGRAMS.
 ELECTRICAL CONNECTIONS
 TO TRANSFER ALL OUT-OF-PLANE
 PINE #2
 2X4
 2X6
 2X8
 2X10
 2X12
 2X14
 2X16
 2X18
 2X20
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 2X818
 2X820
 2X822

Q: THE NAIL STEPS OF LADDER TRUSS ONTO THE OUTSIDE TRUSS WITH 2-16D
2X6 SO. PINE #2 PINE #2 PINE #2 PINE #2 PINE #2 PINE #2 PINE #2
12-O.C. 12-O.C. 12-O.C. 12-O.C. 12-O.C. 12-O.C. 12-O.C. 12-O.C.
6'-2" 6'-2" 6'-2" 6'-2" 6'-2" 6'-2" 6'-2" 6'-2"

[illegible]

CHORD OF GABLE TRUSS WITH TWO ROWS OF
TRUSS TO TOP
ATTACH LADDER
8" O.C. STRAGGER 4-
6D NAILS @ 10'-4"
12'-0.C.

++ 7/16 MINIMUM APA RATED SHEATHING PROPERLY ATTACHED WITH LONG

DIMENSION PERPENDICULAR TO SUPPORTS.

R2: REVISED FOR ASCE 7-02
NLJ 00/20/2005
NLJ 00/20/2005

R3: REVISED DIAPHRAGM NOTE.

DLJ Q2/27/2006

++ (4) -0.131"X3.0" TOENAILS.

PLYWOOD SHEATHING

2

SIDE

LADDER w/ STOPS

1

2

STEPS @ 24" O.C.

TRUSSES @ 24" O.C.

VIEW

24" O.C.

W2X4 ALPINE
PLATE

**

**

1.0" MAX OH

INCLUDES FACIA

2x4 REINFORCING

MEMBER /

BOTTOM

2X4 REINFORCING

** WELDED

+ +

VIEW

MEMBER

CEILING

GABLE STUD SPACING.

24" 0.C MAX. SEE ABOVE

CHORD OF
FOUR BELL
TUNING

CHORD OF
GABLE TRUSS.
SPAN REQUIRED OF GABLE TRUSS.

Note: All plates are 2X4 except as shown.

PIT TYP. Wave TPI-95
Design Criteria: TPI/SCM
KTV.1
KRV Z 6-K002 JWC
Scale =
HI/-/1/-/1/D/-

•WARNING•	TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.	TC 11	30 0	PSE
•WARNING•	TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.	TC 11	30 0	PSE

[illegible]

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

BC DL 10.0 PSF
NO. 02212
ALPINE ENGINEERING
INSTALLATION CONTRACTOR.
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE
DRW HC5R000

ALPINE

BC LL 0.0 PSF

HC-ENG DLJ

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (ASTM DESIGN SPEC., BY AREA) AND TPI.
CONNECTOR PLATES ARE MADE OF 20/18/16GA. (W/H/S/K) (NATL A563 GRADE 40/60 (N. K/H-S) GALV. STEEL.

TOT.LD. 55.0 PSF

SEQ# - 241

UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.
PLATES TO EACH FACE OF TRUSS AND: INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3.
ANNEX A3 SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS

950 Matley Drive
Haines City, FL 33844

DESIGNER PER ANSI/TPI-1 SEC. 2

BUILDING DESIGNER PER ANSI/TPI-1 SEC. 2

DRAWN BY

CHECKED BY

DATE

SCALE

TITLE

SPECIAL ONE

FL Certificate of Authorization # 567		JKEF - TSV
---------------------------------------	---	------------

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

26192

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

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

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

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

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: David Brennen Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 485 S.W. Highfield Terr
Lake City, FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 9-20-07
Brand Name of Product(s) Used B. I. I.
EPA Registration No. 53863-189
Approximate Final Mix Solution % .06
Approximate Size of Treatment Area: Sq. ft. 2890 Linear ft. 225 Linear ft. of Masonry Voids 225
Approximate Total Gallons of Solution Applied 425
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Brunner Certification No. (if required by State law) _____

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

Authorized Signature Steve Brunner Date 9-20-07

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

Form NPCA-99-B may still be used

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

A & B Well Drilling Inc.
5673 NW Lake Jeffery Road
Lake City, FL, 32055
386-758-3409

TO: Columbia County Building Department

Description of well to be installed for Customer:

Located at Address:

Demonstration
SW HIGH FIELD TOWER, LC, FL, 32024

1 hp - 1 1/4" drop over 86 gallon tank, 250 gallon equivalent captive with back flow preventer. 35-gallon draw down with check valve pass requirements.

William Bias
William Bias

Kristina
9-4-07

Columbia County Property Appraiser

DB Last Updated: 8/2/2007

2007 Proposed Values[Tax Record](#)[Property Card](#)[Interactive GIS Map](#)

Parcel: 01-6S-16-03761-134

[New Super Homestead Taxable Value Calculator](#)[Print](#)**Owner & Property Info**

Search Result: 1 of 1

Owner's Name	DEMONBREUN DAVID & VIRGINIA		
Site Address			
Mailing Address	1260 NOTTINGHAM DR NAPLES, FL 34109		
Use Desc. (code)	VACANT (000000)		
Neighborhood	1616.00	Tax District	3
UD Codes	MKTA02	Market Area	02
Total Land Area	5.000 ACRES		
Description	LOT 34 MEADOWLANDS S/D PHASE 3 AFD 1056-1565. WD 1113-1996. WD 1113-1991.		

GIS Aerial**Property & Assessment Values**

Mkt Land Value	cnt: (1)	\$56,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$56,000.00

Just Value	\$56,000.00
Class Value	\$0.00
Assessed Value	\$56,000.00
Exempt Value	\$0.00
Total Taxable Value	\$56,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
3/5/2007	1113/1997	WD	V	Q		\$57,900.00
3/5/2007	1113/1996	WD	V	U	04	\$100.00
2/18/2005	1056/1565	AG	V	U	01	\$48,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

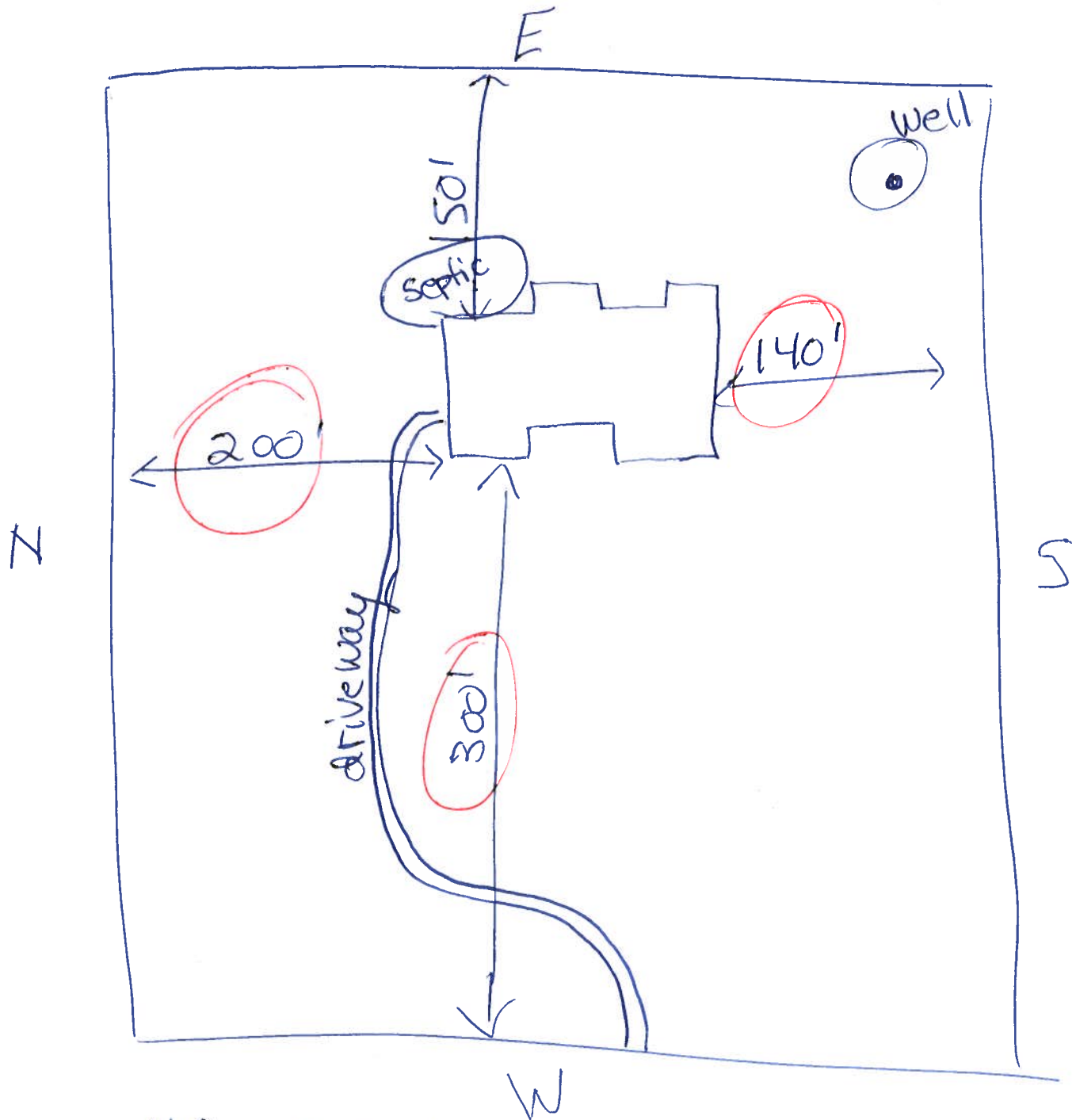
Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (5.000AC)	1.00/1.00/1.00/1.00	\$56,000.00	\$56,000.00

Columbia County Property Appraiser

DB Last Updated: 8/2/2007

Site Plan



W
485 SW High Field Terrace



Name: **styonb, an employee of
TITLE OFFICES, LLC**
Address: **343 NW COLE TERRACE, SUITE 105
LAKE CITY, FLORIDA 32055
File No. 07Y-02035BS**

Parcel I.D. #: **03761-134**

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 5th day of March, A.D. 2007, by

BERNARD R. GRAVES and ALTHEA N. GRAVES, HIS WIFE, hereinafter called the grantors, to
DAVID DEMONBREUN and VIRGINIA DEMONBREUN, HIS WIFE, whose post office address is 1260
NOTTINGHAM DR, NAPLES, FL 34109, hereinafter called the grantees:

(Wherever used herein the terms "grantors" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantors, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in **Columbia County, State of Florida**, viz:

Lot 34, MEADOWLANDS, Phase 3, according to the map or plat thereof as recorded in Plat Book 8, Page 7-10, of the Public Records of Columbia County, Florida.

The above described property is not the homestead property of the grantor.

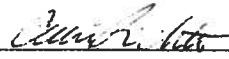
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold the same in fee simple forever.

And the grantors hereby covenant with said grantees that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant 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, 2007.

In Witness Whereof, the said grantors have signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:



Witness Signature
Carrie Richter

Printed Name



Witness Signature
Jessica Reid

Printed Name



L.S.
BERNARD R. GRAVES
Address:
**8450 SW YELLOW TAIL COURT, STUART, FL
34997**


L.S.
ALTHEA N. GRAVES
Address:
**8450 SW YELLOW TAIL COURT, STUART, FL
34997**

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling
() Farm Outbuilding
() New Construction

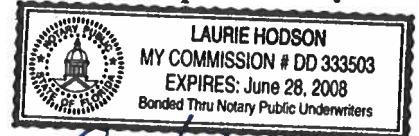
() Two-Family Residence

() Other _____

() Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Virginia E. Demanbreun, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____



Virginia E. Demanbreun
Signature

8/27/07
Date

Laurie Hodson
8-27-07
Notary Signature

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date _____ Building Official/Representative _____

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 7/23/2007 DATE ISSUED: 7/23/2007

ENHANCED 9-1-1 ADDRESS:

485 SW HIGH FIELD TER
LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

01-6S-16-03761-134

Remarks:

LOT 34 MEADOWLANDS S/D PHASE 3

Address Issued By: 
Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address

880

JUL 23 2007

911Addressing/GIS Dept

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	custom 2055	Builder:	owner
Address:	Lot: , Sub: , Plat:	Permitting Office:	Columbia Co.
City, State:	,	Permit Number:	
Owner:	Demonbreun	Jurisdiction Number:	221500
Climate Zone:	Central		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit/Split	Cap: 36.0 kBtu/hr SEER: 15.00
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 (ft²)	2055 ft²	a. Electric Heat Pump/Split	Cap: 36.0 kBtu/hr HSPF: 8.00
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(Sngle Default) 284.0 ft²		14. Hot water systems	
b. SHGC:		a. Electric Resistance	Cap: 40.0 gallons EF: 0.93
(or Clear or Tint DEFAULT) 7b. (Clear) 284.0 ft²		b. N/A	
8. Floor types		c. Conservation credits	
a. Slab-On-Grade Edge Insulation	R=3.5, 231.0(p) ft	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, CF,
9. Wall types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Concrete, Int Insul, Exterior	R=4.0, 1866.0 ft²	HF-Whole house fan,	
b. Frame, Wood, Adjacent	R=11.0, 289.0 ft²	PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
d. N/A		MZ-H-Multizone heating)	
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2055.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 85.0 ft		
b. N/A			

Glass/Floor Area: 0.14

Total as-built points: 24570

Total base points: 24644

PASS

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

PREPARED BY: Sharon Tule
DATE: 7-10-07

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

OWNER/AGENT: _____
DATE: _____

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



BUILDING OFFICIAL: _____
DATE: _____

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.5.2)

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

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

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	2055.0	24.35	9007.0	1.Single, Clear	W	7.3	8.0	34.0	57.68	0.56	1106.0
				2.Single, Clear	W	1.3	8.0	34.0	57.68	0.97	1902.0
				3.Single, Clear	W	1.3	8.0	25.0	57.68	0.97	1398.0
				4.Single, Clear	S	1.3	8.0	11.0	48.22	0.95	502.0
				5.Single, Clear	S	1.3	8.0	7.0	48.22	0.95	319.0
				6.Single, Clear	S	1.3	8.0	9.0	48.22	0.95	411.0
				7.Single, Clear	E	1.3	8.0	20.0	63.97	0.97	1241.0
				8.Single, Clear	E	15.3	8.0	28.0	63.97	0.40	724.0
				9.Single, Clear	S	15.3	6.7	10.0	48.22	0.49	235.0
				10.Single, Clear	E	1.3	8.0	42.0	63.97	0.97	2607.0
				11.Single, Clear	SE	1.3	6.7	10.0	61.07	0.94	572.0
				12.Single, Clear	E	1.3	8.0	14.0	63.97	0.97	869.0
				13.Single, Clear	N	1.3	8.0	20.0	30.19	0.98	589.0
				14.Single, Clear	N	1.3	8.0	20.0	30.19	0.98	589.0
				As-Built Total: 284.0 13064.0							
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	289.0	0.70	202.3	1. Concrete, Int Insul, Exterior		4.0	1866.0	1.20	2239.2		
Exterior	1866.0	1.90	3545.4	2. Frame, Wood, Adjacent		11.0	289.0	0.70	202.3		
Base Total: 2155.0 3747.7				As-Built Total: 2155.0 2441.5							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	18.0	1.60	28.8	1.Exterior Wood			20.0	7.20	144.0		
Exterior	20.0	4.80	96.0	2.Adjacent Wood			18.0	2.40	43.2		
Base Total: 38.0 124.8				As-Built Total: 38.0 187.2							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	2055.0	2.13	4377.2	1. Under Attic		30.0	2055.0	2.13 X 1.00	4377.2		
Base Total: 2055.0 4377.2				As-Built Total: 2055.0 4377.2							
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Slab	231.0(p)	-31.8	-7345.8	1. Slab-On-Grade Edge Insulation		3.5	231.0(p)	-31.80	-7345.8		
Raised	0.0	0.00	0.0								
Base Total: -7345.8				As-Built Total: 231.0 -7345.8							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

PERMIT #:

BASE			AS-BUILT		
INFILTRATION Area X BSPM = Points			Area X SPM = Points		
2055.0	14.31	29407.1	2055.0	14.31	29407.1
Summer Base Points: 39317.9			Summer As-Built Points: 42131.1		
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier X System Multiplier X Credit Multiplier = Cooling Points
39317.9	0.3250	12778.3	(sys 1: Central Unit 38000btuh ,SEER/EFF(15.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS) 42131 1.00 (1.09 x 1.150 x 1.05) 0.227 0.902 11291.6 42131.1 1.00 1.306 0.227 0.902 11291.6		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

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	2055.0	9.11	3370.0	1.Single, Clear	W	7.3	8.0	34.0	13.25	1.08	486.0	
				2.Single, Clear	W	1.3	8.0	34.0	13.25	1.00	451.0	
				3.Single, Clear	W	1.3	8.0	25.0	13.25	1.00	331.0	
				4.Single, Clear	S	1.3	8.0	11.0	9.90	1.01	109.0	
				5.Single, Clear	S	1.3	8.0	7.0	9.90	1.01	69.0	
				6.Single, Clear	S	1.3	8.0	9.0	9.90	1.01	89.0	
				7.Single, Clear	E	1.3	8.0	20.0	12.37	1.01	249.0	
				8.Single, Clear	E	15.3	8.0	28.0	12.37	1.27	441.0	
				9.Single, Clear	S	15.3	6.7	10.0	9.90	2.25	222.0	
				10.Single, Clear	E	1.3	8.0	42.0	12.37	1.01	524.0	
				11.Single, Clear	SE	1.3	6.7	10.0	10.59	1.03	109.0	
				12.Single, Clear	E	1.3	8.0	14.0	12.37	1.01	174.0	
				13.Single, Clear	N	1.3	8.0	20.0	15.07	1.00	300.0	
				14.Single, Clear	N	1.3	8.0	20.0	15.07	1.00	300.0	
				As-Built Total:				284.0				3854.0
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM		= Points		
Adjacent	289.0	1.80	520.2	1. Concrete, Int Insul, Exterior		4.0		1866.0	3.35		6251.1	
Exterior	1866.0	2.00	3732.0	2. Frame, Wood, Adjacent		11.0		289.0	1.80		520.2	
Base Total:		2155.0	4252.2	As-Built Total:				2155.0	6771.3			
DOOR TYPES Area X BWPM = Points				Type				Area X WPM		= Points		
Adjacent	18.0	4.00	72.0	1.Exterior Wood				20.0	7.60		152.0	
Exterior	20.0	5.10	102.0	2.Adjacent Wood				18.0	5.90		106.2	
Base Total:		38.0	174.0	As-Built Total:				38.0	258.2			
CEILING TYPES Area X BWPM = Points				Type		R-Value		Area X WPM X WCM =		Points		
Under Attic	2055.0	0.64	1315.2	1. Under Attic		30.0		2055.0	0.64 X 1.00		1315.2	
Base Total:		2055.0	1315.2	As-Built Total:				2055.0	1315.2			
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM		= Points		
Slab	231.0(p)	-1.9	-438.9	1. Slab-On-Grade Edge Insulation		3.5		231.0(p)	-1.90		-438.9	
Raised	0.0	0.00	0.0									
Base Total:		-438.9		As-Built Total:				231.0	-438.9			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

PERMIT #:

BASE			AS-BUILT		
INFILTRATION Area X BWPM = Points			Area X WPM = Points		
2055.0	-0.28	-575.4	2055.0	-0.28	-575.4
Winter Base Points: 8097.1			Winter As-Built Points: 11184.4		
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier X System Multiplier X Credit Multiplier = Heating Points
8097.1	0.5540	4485.8	(sys 1: Electric Heat Pump 36000 btuh ,EFF(8.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0 11184.4 1.000 (1.078 x 1.160 x 1.05) 0.427 0.950 5977.3 11184.4 1.00 1.319 0.427 0.950 5977.3		

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

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

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	= Total Multiplier
3		2460.00	7380.0	40.0	0.93	3		1.00	2433.55	1.00 7300.6
				As-Built Total:						7300.6

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
12778		4486		7380 24644	11292		5977		7301 24570

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.4

The higher the score, the more efficient the home.

Demonbreun, Lot: , Sub: , Plat: , , 32641-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit/Split	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 15.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2055 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump/Split	Cap: 36.0 kBtu/hr
(or Single or Double DEFAULT)	7a(Sngle Default) 284.0 ft ²		HSPF: 8.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 284.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=3.5, 231.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.93
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Concrete, Int Insul, Exterior	R=4.0, 1866.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=11.0, 289.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2055.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 85.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



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

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.5.2)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: custom 2055 Address: Lot: , Sub: , Plat: City, State: , 32641- Owner: Demonbreun Climate Zone: Central	Builder: Permitting Office: Columbia Permit Number: 26192 Jurisdiction Number: 221000
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1. New construction or existing New ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 3 ☐ 5. Is this a worst case? No ☐ 6. Conditioned floor area (ft²) 2055 ft² ☐ 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>312.0 ft² ☐</td> </tr> <tr> <td>b. SHGC:</td> <td></td> <td></td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td>7b. (Clear)</td> <td>312.0 ft² ☐</td> </tr> </table> 8. Floor types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 70%;">R=3.5, 231.0(p) ft ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 9. Wall types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Concrete, Int Insul, Exterior</td> <td style="width: 70%;">R=4.0, 1866.0 ft² ☐</td> </tr> <tr> <td>b. Frame, Wood, Adjacent</td> <td>R=11.0, 289.0 ft² ☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> <tr> <td>d. N/A</td> <td>☐</td> </tr> <tr> <td>e. N/A</td> <td>☐</td> </tr> </table> 10. Ceiling types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 70%;">R=30.0, 2055.0 ft² ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 11. Ducts <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH(Sealed):Attic</td> <td style="width: 70%;">Sup. R=6.0, 85.0 ft ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> </table>	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	312.0 ft² ☐	b. SHGC:			(or Clear or Tint DEFAULT)	7b. (Clear)	312.0 ft² ☐	a. Slab-On-Grade Edge Insulation	R=3.5, 231.0(p) ft ☐	b. N/A	☐	c. N/A	☐	a. Concrete, Int Insul, Exterior	R=4.0, 1866.0 ft² ☐	b. Frame, Wood, Adjacent	R=11.0, 289.0 ft² ☐	c. N/A	☐	d. N/A	☐	e. N/A	☐	a. Under Attic	R=30.0, 2055.0 ft² ☐	b. N/A	☐	c. N/A	☐	a. Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 85.0 ft ☐	b. N/A	☐	12. Cooling systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">a. Central Unit/Split</td> <td style="width: 40%;">Cap: 36.0 kBtu/hr ☐</td> </tr> <tr> <td></td> <td>SEER: 15.50 ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 13. Heating systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">a. Electric Heat Pump/Split</td> <td style="width: 40%;">Cap: 36.0 kBtu/hr ☐</td> </tr> <tr> <td></td> <td>HSPF: 8.00 ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td>☐</td> </tr> </table> 14. Hot water systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">a. Electric Resistance</td> <td style="width: 40%;">Cap: 40.0 gallons ☐</td> </tr> <tr> <td></td> <td>EF: 0.93 ☐</td> </tr> <tr> <td>b. N/A</td> <td>☐</td> </tr> <tr> <td>c. Conservation credits</td> <td>☐</td> </tr> <tr> <td colspan="2">(HR-Heat recovery, Solar DHP-Dedicated heat pump)</td> </tr> </table> 15. HVAC credits CV, ☐ <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</td> </tr> </table>	a. Central Unit/Split	Cap: 36.0 kBtu/hr ☐		SEER: 15.50 ☐	b. N/A	☐	c. N/A	☐	a. Electric Heat Pump/Split	Cap: 36.0 kBtu/hr ☐		HSPF: 8.00 ☐	b. N/A	☐	c. N/A	☐	a. Electric Resistance	Cap: 40.0 gallons ☐		EF: 0.93 ☐	b. N/A	☐	c. Conservation credits	☐	(HR-Heat recovery, Solar DHP-Dedicated heat pump)		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
a. U-factor:	Description	Area																																																																	
(or Single or Double DEFAULT)	7a. (Dble Default)	312.0 ft² ☐																																																																	
b. SHGC:																																																																			
(or Clear or Tint DEFAULT)	7b. (Clear)	312.0 ft² ☐																																																																	
a. Slab-On-Grade Edge Insulation	R=3.5, 231.0(p) ft ☐																																																																		
b. N/A	☐																																																																		
c. N/A	☐																																																																		
a. Concrete, Int Insul, Exterior	R=4.0, 1866.0 ft² ☐																																																																		
b. Frame, Wood, Adjacent	R=11.0, 289.0 ft² ☐																																																																		
c. N/A	☐																																																																		
d. N/A	☐																																																																		
e. N/A	☐																																																																		
a. Under Attic	R=30.0, 2055.0 ft² ☐																																																																		
b. N/A	☐																																																																		
c. N/A	☐																																																																		
a. Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 85.0 ft ☐																																																																		
b. N/A	☐																																																																		
a. Central Unit/Split	Cap: 36.0 kBtu/hr ☐																																																																		
	SEER: 15.50 ☐																																																																		
b. N/A	☐																																																																		
c. N/A	☐																																																																		
a. Electric Heat Pump/Split	Cap: 36.0 kBtu/hr ☐																																																																		
	HSPF: 8.00 ☐																																																																		
b. N/A	☐																																																																		
c. N/A	☐																																																																		
a. Electric Resistance	Cap: 40.0 gallons ☐																																																																		
	EF: 0.93 ☐																																																																		
b. N/A	☐																																																																		
c. Conservation credits	☐																																																																		
(HR-Heat recovery, Solar DHP-Dedicated heat pump)																																																																			
(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)																																																																			

Glass/Floor Area: 0.15

Total as-built points: 24121

Total base points: 24644

PASS

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

PREPARED BY: [Signature]

DATE: 9-20-07

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

OWNER/AGENT: _____

DATE: _____

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



BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , 32641-

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	2055.0	24.35	9007.0	1.Double, Clear	W	7.3	8.0	34.0	50.22	0.56	963.0
				2.Double, Clear	W	1.3	8.0	34.0	50.22	0.97	1656.0
				3.Double, Clear	W	1.3	8.0	25.0	50.22	0.97	1218.0
				4.Double, Clear	S	1.3	8.0	11.0	41.92	0.95	436.0
				5.Double, Clear	S	1.3	8.0	7.0	41.92	0.95	277.0
				6.Double, Clear	S	1.3	8.0	9.0	41.92	0.95	357.0
				7.Double, Clear	E	1.3	8.0	20.0	55.69	0.97	1080.0
				8.Double, Clear	E	15.3	8.0	56.0	55.69	0.40	1261.0
				9.Double, Clear	S	15.3	6.7	10.0	41.92	0.49	204.0
				10.Double, Clear	S	1.3	8.0	42.0	41.92	0.95	1667.0
				11.Double, Clear	NW	1.3	6.7	10.0	35.45	0.95	338.0
				12.Double, Clear	E	1.3	8.0	14.0	55.69	0.97	756.0
				13.Double, Clear	N	1.3	8.0	20.0	26.25	0.98	512.0
				14.Double, Clear	N	1.3	8.0	20.0	26.25	0.98	512.0
				As-Built Total:		312.0			11237.0		
WALL TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM = Points	
Adjacent	289.0	0.70	202.3	1. Concrete, Int Insul, Exterior		4.0		1866.0		1.20 2239.2	
Exterior	1866.0	1.90	3545.4	2. Frame, Wood, Adjacent		11.0		289.0		0.70 202.3	
Base Total:		2155.0	3747.7	As-Built Total:		2155.0		2441.5			
DOOR TYPES				Area X BSPM = Points		Type		Area X SPM = Points			
Adjacent	18.0	1.60	28.8	1.Exterior Wood		20.0		7.20		144.0	
Exterior	20.0	4.80	96.0	2.Adjacent Wood		18.0		2.40		43.2	
Base Total:		38.0	124.8	As-Built Total:		38.0		187.2			
CEILING TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM X SCM = Points	
Under Attic	2055.0	2.13	4377.2	1. Under Attic		30.0		2055.0		2.13 X 1.00 4377.2	
Base Total:		2055.0	4377.2	As-Built Total:		2055.0		4377.2			
FLOOR TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM = Points	
Slab	231.0(p)	-31.8	-7345.8	1. Slab-On-Grade Edge Insulation		3.5		231.0(p)		-31.80 -7345.8	
Raised	0.0	0.00	0.0								
Base Total:		-7345.8	-7345.8	As-Built Total:		231.0		-7345.8			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , 32641-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Overhang Type/SC Ornt Len Hgt Area X WPM X WOF = Points							
.18	2055.0	9.11	3370.0	1.Double, Clear	W	7.3	8.0	34.0	9.55	1.08	350.0
				2.Double, Clear	W	1.3	8.0	34.0	9.55	1.00	325.0
				3.Double, Clear	W	1.3	8.0	25.0	9.55	1.00	239.0
				4.Double, Clear	S	1.3	8.0	11.0	6.74	1.01	74.0
				5.Double, Clear	S	1.3	8.0	7.0	6.74	1.01	47.0
				6.Double, Clear	S	1.3	8.0	9.0	6.74	1.01	61.0
				7.Double, Clear	E	1.3	8.0	20.0	8.82	1.01	178.0
				8.Double, Clear	E	15.3	8.0	56.0	8.82	1.27	629.0
				9.Double, Clear	S	15.3	6.7	10.0	6.74	2.25	151.0
				10.Double, Clear	S	1.3	8.0	42.0	6.74	1.01	285.0
				11.Double, Clear	NW	1.3	6.7	10.0	10.91	1.00	108.0
				12.Double, Clear	E	1.3	8.0	14.0	8.82	1.01	124.0
				13.Double, Clear	N	1.3	8.0	20.0	11.00	1.00	219.0
				14.Double, Clear	N	1.3	8.0	20.0	11.00	1.00	219.0
				As-Built Total: 312.0 3009.0							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	289.0	1.80	520.2	1. Concrete, Int Insul, Exterior		4.0	1866.0	3.35	6251.1		
Exterior	1866.0	2.00	3732.0	2. Frame, Wood, Adjacent		11.0	289.0	1.80	520.2		
Base Total:	2155.0		4252.2	As-Built Total:			2155.0	6771.3			
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	18.0	4.00	72.0	1.Exterior Wood			20.0	7.60	152.0		
Exterior	20.0	5.10	102.0	2.Adjacent Wood			18.0	5.90	106.2		
Base Total:	38.0		174.0	As-Built Total:			38.0	258.2			
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	2055.0	0.64	1315.2	1. Under Attic		30.0	2055.0	0.64 X 1.00	1315.2		
Base Total:	2055.0		1315.2	As-Built Total:			2055.0	1315.2			
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	231.0(p)	-1.9	-438.9	1. Slab-On-Grade Edge Insulation		3.5	231.0(p)	-1.90	-438.9		
Raised	0.0	0.00	0.0								
Base Total:			-438.9	As-Built Total:			231.0	-438.9			

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

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

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	= Total Multiplier
3		2460.00	7380.0	40.0	0.93	3	1.00	2433.55	1.00 7300.6
				As-Built Total:					7300.6

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
12778		4486	7380 24644	11004		5817	7301 24121

PASS

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.7

The higher the score, the more efficient the home.

Demonbreun, Lot: , Sub: , Plat: , , , 32641-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit/Split	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 15.50
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2055 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump/Split	Cap: 36.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 312.0 ft ²		HSPF: 8.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 312.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=3.5, 231.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.93
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Concrete, Int Insul, Exterior	R=4.0, 1866.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=11.0, 289.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	CV,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2055.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 85.0 ft		
b. N/A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



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

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001444

DATE 09/04/2007 PARCEL ID # 01-6S-16-03761-134

APPLICANT VIRGINIA DEMONBREUN PHONE 386-365-4356

ADDRESS 1076 SW HIGHFIELD TERR LAKE CITY FL 32024

OWNER DAVID & VIRGINIA DEMONBREUN PHONE 386-365-4356

ADDRESS 485 SW HIGHFIELD TERR LAKE CITY FL 32024

CONTRACTOR OWNER BUILDER PHONE _____

LOCATION OF PROPERTY 441 S, R 131, R MEADOWLANDS DRIVE, R HIGHFIELD TERR,

PROPERTY ON RIGHT AT CURVE 485.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MEADOWLANDS 34 3

SIGNATURE

Virginia Demonbreun

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

Amount Paid 25.00

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



NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

***** THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

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.

Tax Parcel ID Number 01-65-03761-134

1. Description of property: (legal description of the property and street address or 911 address)

Meadowlands subdivision lot 34 phase 3
485 S.W. High Field Terrace Lake City, FL 32024
5 acres

2. General description of Improvement: New single family one story unit

3. Owner Name & Address David or Virginia Demonbreun 1076 High
Field Terrace Lake City 32024 Interest in Property owner

4. Name & Address of Fee Simple Owner (If other than owner):

5. Contractor Name owner builder Phone Number (386) 365-4356
Address

6. Surety Holders Name David or Virginia Demonbreun Phone Number (386) 365-4356
Address 1076 High Field Terrace Lake City FL 32024
Amount of Bond

7. Lender Name none Phone Number N/A
Address

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name David or Virginia Demonbreun Phone Number
Address 1076 SW High Field Terrace Lake City, FL 32024

9. In addition to himself/herself the owner designates none of
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified)

Inst: 200712020046 Date: 9/5/2007 Time: 9:22 AM

57 DC, P. DeWitt Cason, Columbia County Page 1 of 1

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Virginia E. Demonbreun
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of 8-27, 2007

NOTARY STAMP/SEAL



Laurie Hodson
Signature of Notary



Donald F. Lee & Associates, Inc.
Surveyors & Engineers

26192

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
donald@dfla.com

Monday, September 17, 2007

FROM: Tim Delbene, P.L.S.

TO: Columbia County Building & Zoning Dept.

CC: Virginia Demonbrean

RE: Floor Elevation Check – Lot 34 – Meadowlands Phase 3

We have obtained elevations on the proposed floor (batter boards) of a house under construction on the above referenced Lot. The elevations are based on Local Benchmark Datum. The results are as follows:

Floor Elevation (stemwall): 84.28'

The minimum required floor elevation for this Lot is 83.0' , as shown on the record subdivision plat of Meadowlands Phase 4.

SIGNED: _____

Timothy A. Delbene, P.L.S.
Florida Reg. Cert. No. 5594

DATE: 9/17/2007.

CERTIFICATE OF OCCUPANCY

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 01-6S-16-03761-134

Building permit No. 000026192

Use Classification SFD, UTILITY

Fire: 51.36

Permit Holder OWNER BUILDER

Waste: 134.00

Owner of Building DAVID & VIRGINIA DEMONBREUN

Total: 185.36

Location: 485 SW HIGHFIELD TERR, LAKE CITY, FL

Date: 02/11/2008

Fanny Dick

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

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

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
2055.0 -0.28 -575.4				2055.0 -0.28 -575.4				
Winter Base Points:			8097.1	Winter As-Built Points:			10339.4	
Total Winter X Points	System = Multiplier	Heating Points		Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)				
8097.1	0.5540	4485.8		(sys 1: Electric Heat Pump 36000 btuh ,EFF(8.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0 10339.4 1.000 (1.078 x 1.160 x 1.05)0.427 1.000 5816.5 10339.4 1.00 1.319 0.427 1.000 5816.5				

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

ADDRESS: Lot: , Sub: , Plat: , , , 32641-

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
2055.0 14.31 29407.1				2055.0 14.31 29407.1			
Summer Base Points: 39317.9				Summer As-Built Points: 40304.1			
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
39317.9 0.3250 12778.3				(sys 1: Central Unit 36000btuh ,SEER/EFF(15.5) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS) 40304 1.00 (1.09 x 1.150 x 1.05) 0.220 0.950 11003.7 40304.1 1.00 1.306 0.220 0.950 11003.7			