

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: IT9O215-Z0206174856

Hoagset



Truss Fabricator: W.B. Howland
Job Identification: 4815-/Zoeller Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 21
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 -Closed

Seal Date: 08/06/2007

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
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. 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: A11030EE-GBLLETIN-BRCLBSUB-A11015EE-PIGBACKB-

#	Ref	Description	Drawing#	Date
1	25070--A1		07218022	08/06/07
2	25071--A2		07218002	08/06/07
3	25072--A3		07218008	08/06/07
4	25073--A4		07218009	08/06/07
5	25074--A5		07218003	08/06/07
6	25075--A6		07218004	08/06/07
7	25076--A7		07218010	08/06/07
8	25077--A8		07218011	08/06/07
9	25078--A9		07218012	08/06/07
10	25079--A10		07218013	08/06/07
11	25080--A11		07218014	08/06/07
12	25081--A12		07218015	08/06/07
13	25082--A13		07218016	08/06/07
14	25083--A14		07218005	08/06/07
15	25084--A15		07218017	08/06/07
16	25085--A16		07218018	08/06/07
17	25086--JC1		07218019	08/06/07
18	25087--JC3		07218006	08/06/07
19	25088--JE5		07218007	08/06/07
20	25089--JH7		07218020	08/06/07
21	25090--PB1		07218021	08/06/07



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Truss Fabricator: W.B. Howland
Job Identification: 4815-/Zoeller Residence /EDGELY CONSTRUCTION -- LAKE CITY, FL
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 -Closed

Notes:

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

Seal Date: 08/06/2007

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	25070--A1		07218022	08/06/07



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

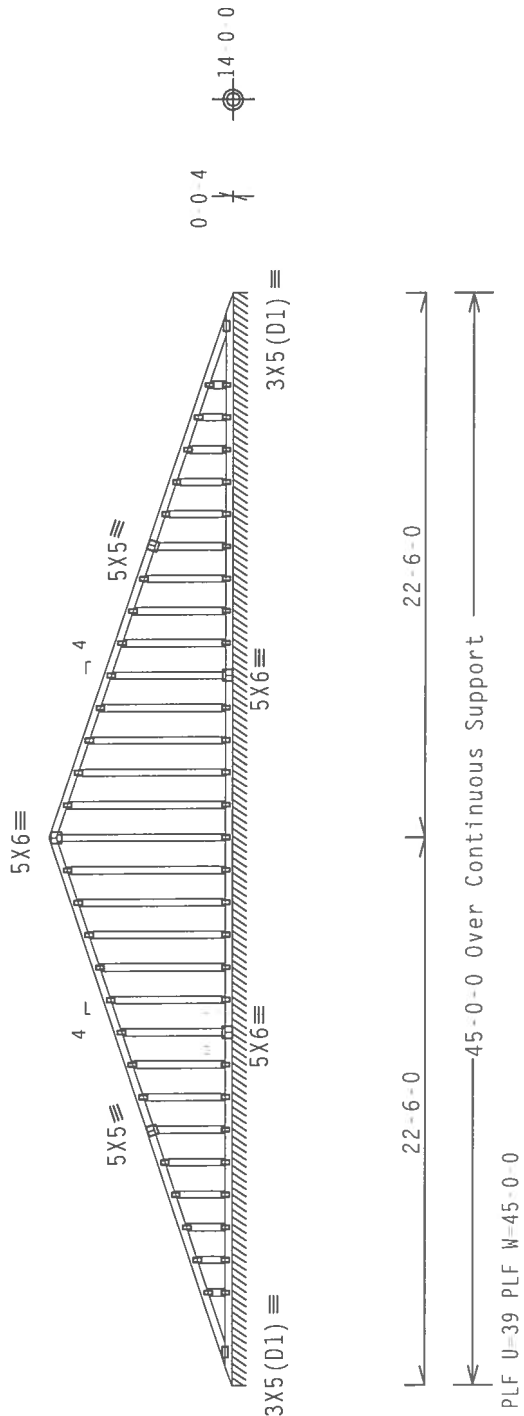
Wind reactions based on MWFRS pressures.
 See DWGS A11030EE0207 & GBLLETTN0207 for more requirements.

Deflection meets L/240 live and L/180 total load.
 The overall height of this truss excluding overhang is 7-6-4.

110 mph wind, 17.91 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 8.50 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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

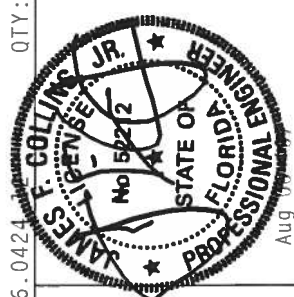
Plans



Note: All Plates Are 2x4 Except As Shown.
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0) 7.36.0A24

PLT. TYP. Wave QTY:1 FL/-/5/-/R/- Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R215 - -	25072
TC DL	10.0	PSF	DATE	08/06/07	
BC DL	10.0	PSF	DRW	HCUSR215	07218008
BC LL	0.0	PSF	HC-ENG	AK/WHK	
TOT.LD.	40.0	PSF	SEQN-	192246	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	IT90215_Z02	



****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 317, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WOODBRIDGE AVENUE, SUITE 150, WOODBRIDGE, VA, 22191) FOR SOLELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL CHORDS 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. THE 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 AND BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2018/T606 (W-11/55/5) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 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.

