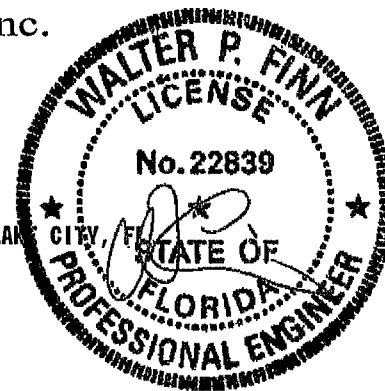


31527

## ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844  
 Florida Engineering Certificate of Authorization Number 0 278  
 Florida Certificate of Product Approval # FL1999  
 Page 1 of 1 Document ID 1V0S215-Z0126163416



Truss Fabricator **W.B. Howland**  
 Job Identification. **8298BB-/KIRCHENSTINER RESIDENCE /EDGELY CONSTRUCTION -- LAN**  
 Truss Count **58**  
 Model Code **Florida Building Code 2010**  
 Truss Criteria. **FBC2010Res/TPI-2007(STD)**  
 Engineering Software **Alpine Software, Version 12.03.**  
 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 - 120 MPH ASCE 7-10 -Closed**

10/28/2013

## 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

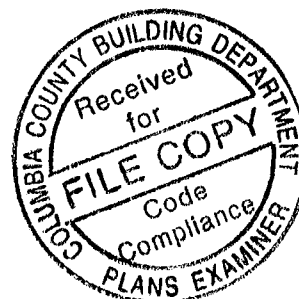
Walter P Finn  
 -Truss Design Engineer-

1950 Marley Drive  
 Haines City, FL 33844

Details: 14015EC1-GBLLETIN-BRCLBSUB-PB16010-HIPFRAME-

#	Ref	Description	Drawing#	Date
1	27442--A1		13298022	10/25/13
2	27443--A2		13298015	10/25/13
3	27444--A3		13298032	10/25/13
4	27445--A4		13298020	10/25/13
5	27446--A5		13298018	10/25/13
6	27447--A6		13298023	10/25/13
7	27448--A7		13298019	10/25/13
8	27449--A8		13298014	10/25/13
9	27450--A9		13298036	10/25/13
10	27451--A10		13298033	10/25/13
11	27452--B1		13298011	10/25/13
12	27453--B2		13298013	10/25/13
13	27454--C1		13298008	10/25/13
14	27455--C2		13298002	10/25/13
15	27456--C3		13298043	10/25/13
16	27457--C4		13298041	10/25/13
17	27458--D1		13298030	10/25/13
18	27459--D2		13298025	10/25/13
19	27460--D3		13298001	10/25/13
20	27461--D4		13298016	10/25/13
21	27462--D5		13298028	10/25/13
22	27463--D6		13298026	10/25/13
23	27464--D7		13298037	10/25/13
24	27465--D8		13298029	10/25/13
25	27466--D9		13298031	10/25/13
26	27467--D10		13298039	10/25/13
27	27468--D11		13298017	10/25/13
28	27469--D12		13299001	10/26/13
29	27470--D13		13299002	10/26/13
30	27471--D14		13299003	10/26/13
31	27472--D15		13299004	10/26/13
32	27473--D16		13299005	10/26/13
33	27474--D17		13299006	10/26/13
34	27475--D18		13299007	10/26/13
35	27476--D19		13299008	10/26/13
36	27477--D20		13299009	10/26/13

#	Ref	Description	Drawing#	Date
37	27478--D21		13299010	10/26/13
38	27479--D22		13299011	10/26/13
39	27480--D23		13299012	10/26/13
40	27481--D24		13299013	10/26/13
41	27482--D25		13299014	10/26/13
42	27483--J1		13298005	10/25/13
43	27484--J3		13298004	10/25/13
44	27485--J3A		13298024	10/25/13
45	27486--J5		13298003	10/25/13
46	27487--J5A		13298044	10/25/13
47	27488--J7		13298009	10/25/13
48	27489--J7A		13298007	10/25/13
49	27490--J10		13298006	10/25/13
50	27491--J10A		13298010	10/25/13
51	27492--PB1		13298021	10/25/13
52	27493--PB2		13298038	10/25/13
53	27494--PB3		13298012	10/25/13
54	27495--PB4		13298027	10/25/13
55	27496--PB5		13298035	10/25/13
56	27497--PF1		13298034	10/25/13
57	27498--PF2		13298042	10/25/13
58	27499--PF3		13298040	10/25/13



( 8298BB-/KIRCHENSTINER RESIDENCE /EDGELY CONSTRUCTION -- LAKE CITY, FL - A1 )

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

Top chord 2x4 SP 2400F-2.0E  
Bot chord 2x4 SP 2400F-2.0E  
Webs 2x4 SP 2400F-2.0E

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCP1 (+/-)=0.18

See DWGS A14015ENC100212 & GBLLET1M0212 for more requirements.

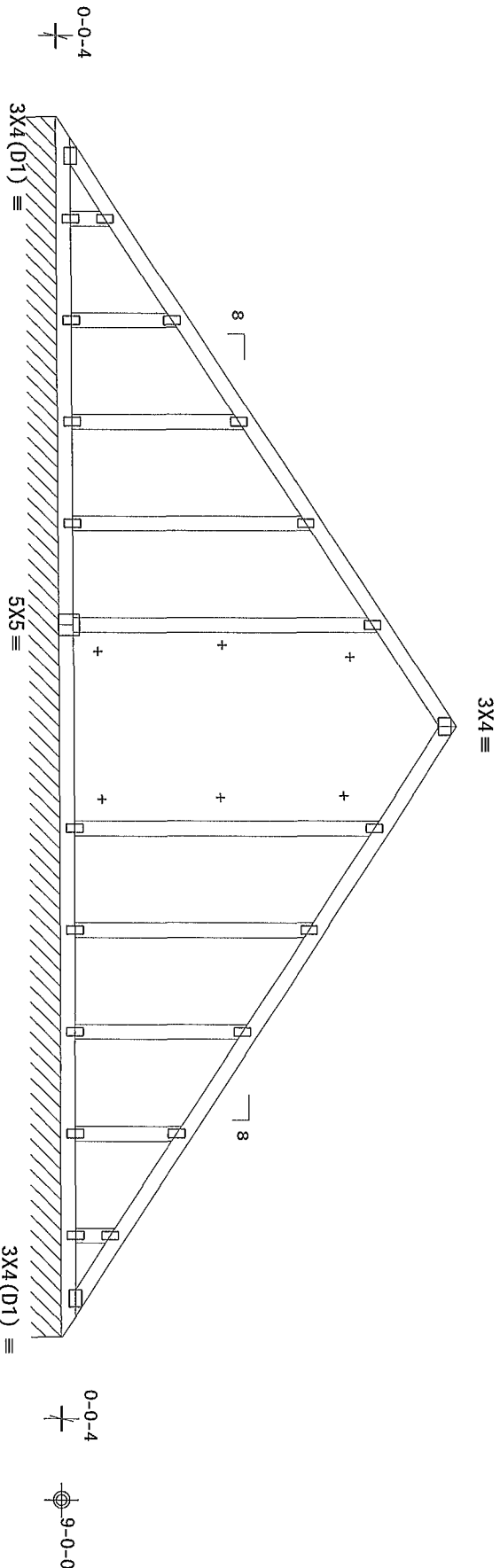
Wind loads and reactions based on MMFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 8'-0"-4".

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

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



R=80 PLF U=1 PLF W=24-0-0  
RL=6/-6 PLF

Note: All Plates Are 2X4 Except As Shown.

Design Crit FBC2010Res/TP1-2007(STD)  
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

12.03.03 0225 14

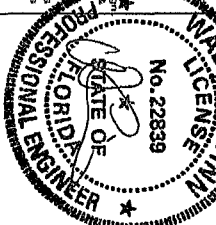
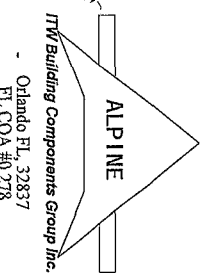
QTY: 1 FL/-/1/-/-/R/-

Scale = .3125"/Ft.

\*\*IMPORTANT\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!  
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care in fabricating handling shipping installing Refer to any  
follow the latest edition of BCSI (Building Component Safety Information by TPI and WIGA) for safety  
practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.  
Unless noted otherwise top chord shall have properly attached structural sheathing and bottom chord  
shall have bracing installed per BCSI sections B3 B7 or B10 as applicable

The Building Components Group Inc (BTBCG) shall not be responsible for any deviation from this design  
and/or any other information provided by the manufacturer. The manufacturer shall be responsible for  
details of trusses. Details shall be applied to each face of truss and position as shown above and on the job site  
drawing or cover page listing this drawing. Indicates acceptance of professional engineering  
responsibility solely for the design shown. The suitability and use of this design for any structure is  
the responsibility of the Building Designer per ANSI/TP1 Sec 2 For more information see this job's  
general notes page. TPI-805 www.tpi.com, TPI www.tpinet.org WIGA www.wiga.com  
ICC www.icc-inc.org



TC LL	20.0 PSF	REF R215-- 27442
TC DL	10.0 PSF	DATE 10/25/13
BC DL	10.0 PSF	DRW HOURS215 13298022
BC LL	0.0 PSF	HC-ENG KD/AP
TOT. LD.	40.0 PSF	SEQN- 382584
DUR. FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1VOS215_Z01

10/28/2013

