

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844

Louisiana Engineering Certificate of Authorization Number: EF.0004093

Page 1 of 1 Document ID:1V1H7634Z0119080357

Truss Fabricator: Evergreen Lumber & Truss, Inc.
Job Identification: MW730-/MW /MW730 -- Slidell, LA
Truss Count: 10
Model Code: IRC
Truss Criteria: IRC2009/TPI-2007(STD)
Engineering Software: Alpine Software, Version 12.03.
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 155 MPH ASCE 7-05 -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. As shown on attached drawings; the drawing number is preceded by: HCUSR7634

Details: BRCLBSUB-GBLLETIN-

11/19/2013

-Truss Design Engineer-
William H. Krick

1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	04583--A1		13323001	11/19/13
2	04584--A2		13323002	11/19/13
3	04585--A3		13323002	11/19/13
4	04586--A4		13323004	11/19/13
5	04587--A5		13323005	11/19/13
6	04588--A6		13323003	11/19/13
7	04589--PB		13323001	11/19/13
8	04590--V1		13323003	11/19/13
9	04591--V2		13323004	11/19/13
10	04592--V3		13323005	11/19/13

ALPINE

SUBMITTALS REVIEWED AND APPROVED
MCDONALD CONSTRUCTION INC. OF SLIDELL

S. M. Conrad

DATE 22 Nov 13

(MM730-/MM /MM730 -- Slidell, LA - A2)

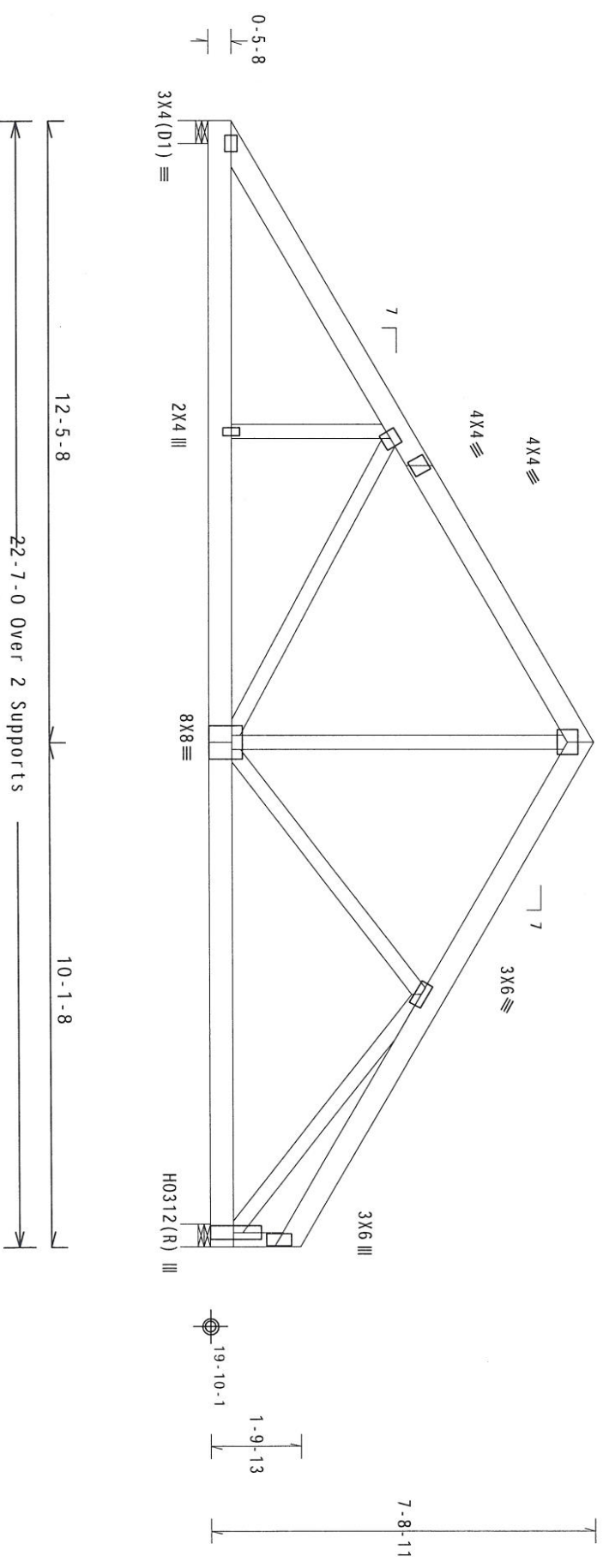
Top chord 2x6 SP #2-138
 Bot chord 2x6 SP #2-138
 Webs 2x4 SP #3-138

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC
 Deflection meets L/240 live and L/480 total load. Creep increase factor for dead load is 1.50.

155 mph wind, 23.93 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT III OR IV, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind loads based on MMFRS with additional C&C member design & reactions.
 Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.
 Truss designed for unbalanced snow load based on Pg=20.00 psf, Ct=1.10, Ce=1.00, CAT III & Pf=16.94 psf.

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



PLT TYP. 20 Gauge HS, Wave

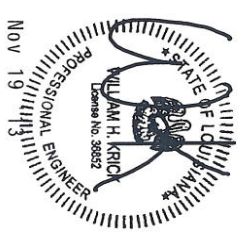
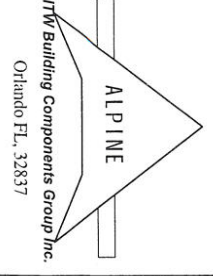
Design Crit: IRC2009/TPI-2007 (STD)
 FT/RT=20%(0%)/10(0)

Scale = .3125"/ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) 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 attached per BCSI section 85.07 or 85.08, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, or installing the truss. ITW Building Components Group Inc. shall not be responsible for any damage to the truss or any other component of the truss or for any other component of the truss. ITW Building Components Group Inc. shall not be responsible for any damage to the truss or any other component of the truss. ITW Building Components Group Inc. shall not be responsible for any damage to the truss or any other component of the truss.



TC LL	20.0 PSF	REF	R7634-4584
TC DL	10.0 PSF	DATE	11/19/13
BC DL	10.0 PSF	DRW	HCUSR7634 13323002
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	184041
DUR. FAC.	1.25	FROM	MM
SPACING	24.0"	JREF-	1V1H7634T01

Top Chord 2x6 SP #2-13B
 Bot Chord 2x6 SP #2-13B
 Webs 2x4 SP #3-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

Right cantilever is exposed to wind

(a) Continuous lateral restraint equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.

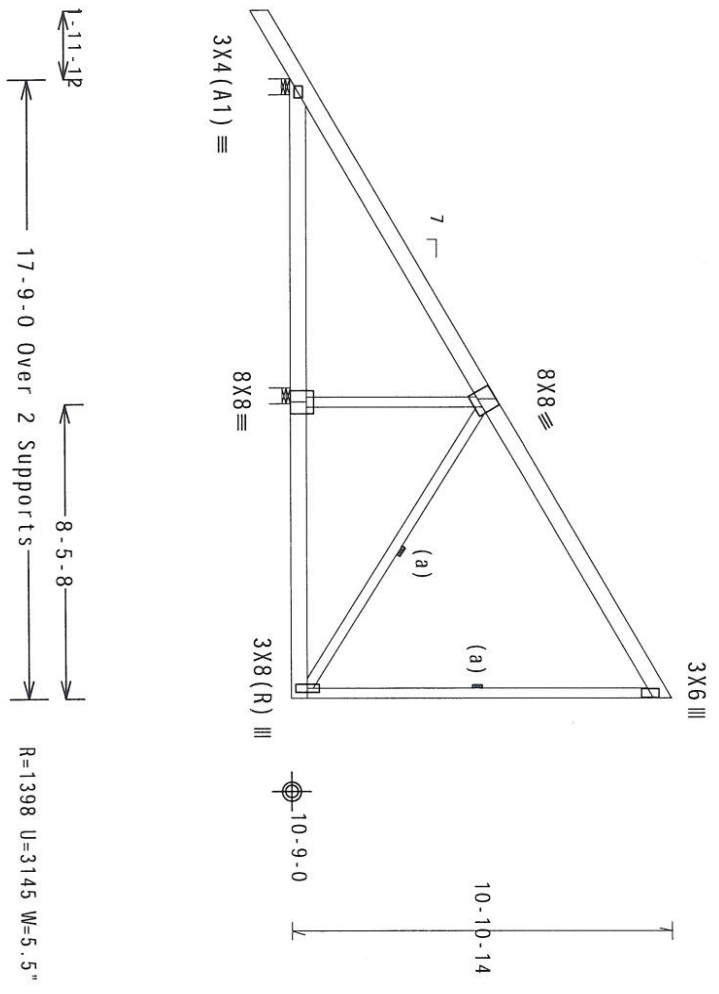
155 mph wind, 15.90 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT III OR IV, EXP C, wind TC DL=5.0 psf, wind DL=5.0 psf.

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

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Deflection meets L/240 live and L/480 total load. Creep increase factor for dead load is 1.50.



R=370 Rw=837 U=164 W=5.5"
 RL=1279/-288

(MM730- /MM /MM730 -- Sidel1, LA - A3)

Design Crit: IRC2009/TPI-2007 (STD)
 FT/RT=20%(0%)/10(0)

PLT TYP. Wave

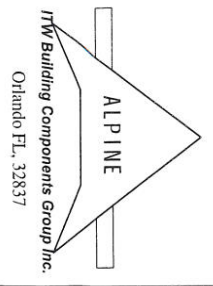
QTY: 12 LA / - / - / - / - / -

12.03.05.0416.16

Scale = .1875" / Ft.

REF R7634-4585
 DATE 11/19/13
 DRW HCUSR7634 13323002
 HC-ENG JB/AP
 SEQN- 192201
 FROM MM
 JREF- 1V1H7634Z01

****IMPORTANT** READ AND FOLLOW ALL NOTES ON THIS SHEET**
****WARNING** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) 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 a properly attached rigid ceiling. Locations shown for permanent lateral restraint or webs shall have bracing installed per BCSI sections 83.07 or 810, as applicable.
 ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply the following disclaimer to all drawings, including this drawing. A seal on this 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/TPI 1 Sec. 2. For more information see: This job's general notes page; ITW BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.abcdindustry.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF	R7634-4585
TC DL	10.0 PSF	DATE	11/19/13
BC DL	10.0 PSF	DRW	HCUSR7634 13323002
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	192201
DUR. FAC.	1.25	FROM	MM
SPACING	24.0"	JREF-	1V1H7634Z01

(MM730-/MM /MM730 -- Slidell, LA - A4)

Top chord 2x4 SP #1-13B
Bot chord 2x4 SP #1-13B
Weds 2x4 SP #3-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.

Truss designed for unbalanced snow load based on Pg=20.00 psf, Ct=1.10, Gs=1.00, CAT III & Pf=16.94 psf.

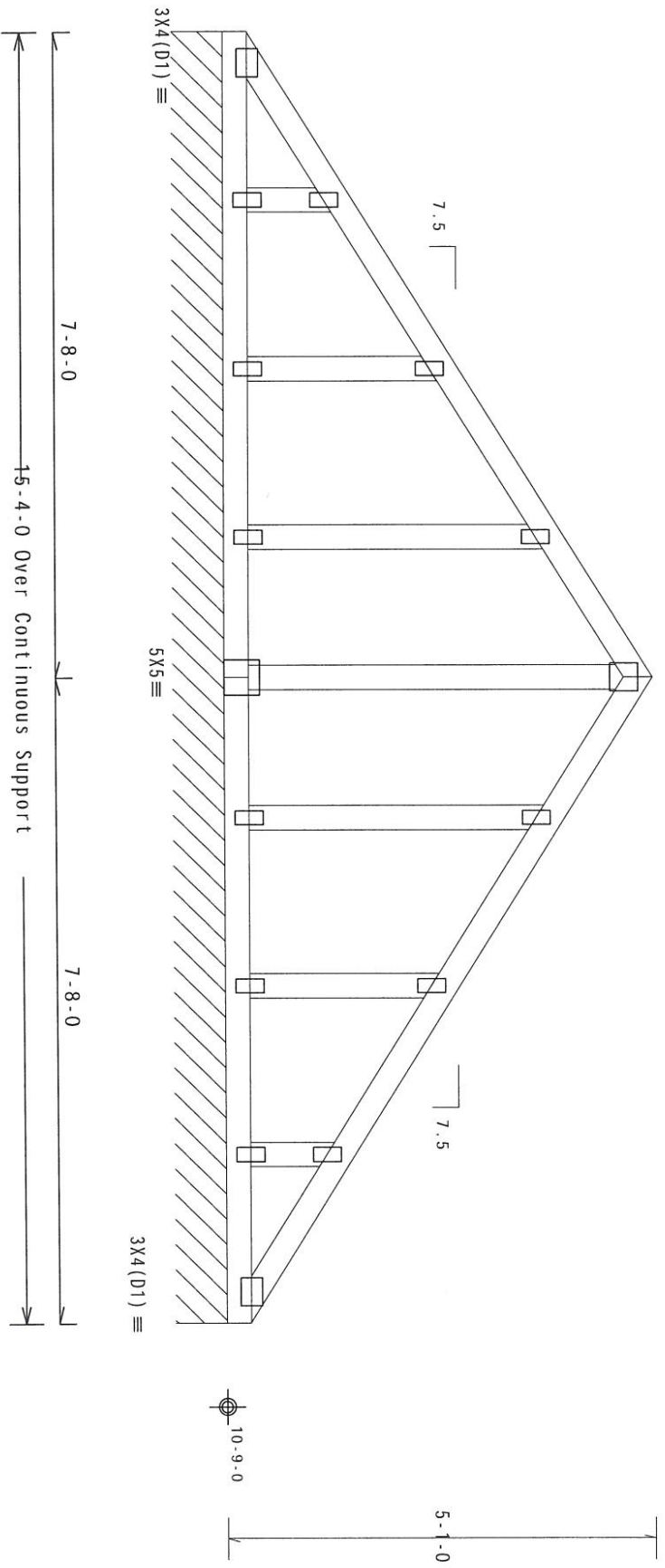
155 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg. Located anywhere in roof, CAT III OR IV, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

See DWG GBLLETIND212 for more requirements.

Deflection meets L/240 live and L/480 total load. Creep increase factor for dead load is 1.50.

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



R=84 PLF U=99 PLF W=15-4-0
RL=22/-22 PLF

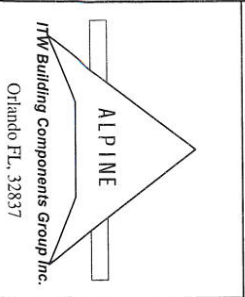
Note: All Plates Are 2X4 Except As Shown. (MM730-/MM /MM730 -- Slidell, LA - A4)

PLT TYP, Wave Design Crit: IRC2009/TPI-2007(STD) FT/RT=20%(0%)/10(0)

12.03.05.0416.17

QTY:2 LA/-/1/-/1/-/R/-

Scale = .5"/ft.



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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1804-2, 1804-3, 1804-4, 1804-5, 1804-6, 1804-7, 1804-8, 1804-9, 1804-10, 1804-11, 1804-12, 1804-13, 1804-14, 1804-15, 1804-16, 1804-17, 1804-18, 1804-19, 1804-20, 1804-21, 1804-22, 1804-23, 1804-24, 1804-25, 1804-26, 1804-27, 1804-28, 1804-29, 1804-30, 1804-31, 1804-32, 1804-33, 1804-34, 1804-35, 1804-36, 1804-37, 1804-38, 1804-39, 1804-40, 1804-41, 1804-42, 1804-43, 1804-44, 1804-45, 1804-46, 1804-47, 1804-48, 1804-49, 1804-50, 1804-51, 1804-52, 1804-53, 1804-54, 1804-55, 1804-56, 1804-57, 1804-58, 1804-59, 1804-60, 1804-61, 1804-62, 1804-63, 1804-64, 1804-65, 1804-66, 1804-67, 1804-68, 1804-69, 1804-70, 1804-71, 1804-72, 1804-73, 1804-74, 1804-75, 1804-76, 1804-77, 1804-78, 1804-79, 1804-80, 1804-81, 1804-82, 1804-83, 1804-84, 1804-85, 1804-86, 1804-87, 1804-88, 1804-89, 1804-90, 1804-91, 1804-92, 1804-93, 1804-94, 1804-95, 1804-96, 1804-97, 1804-98, 1804-99, 1804-100, 1804-101, 1804-102, 1804-103, 1804-104, 1804-105, 1804-106, 1804-107, 1804-108, 1804-109, 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(MM730-/MM /MM730 -- Slidell, LA - A6)

Top chord 2x6 SP #2-13B
Bot chord 2x4 SP #1-13B
Webs 2x4 SP #3-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC.

Deflection meets L/240 live and L/480 total load. Creep increase factor for dead load is 1.50.

MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

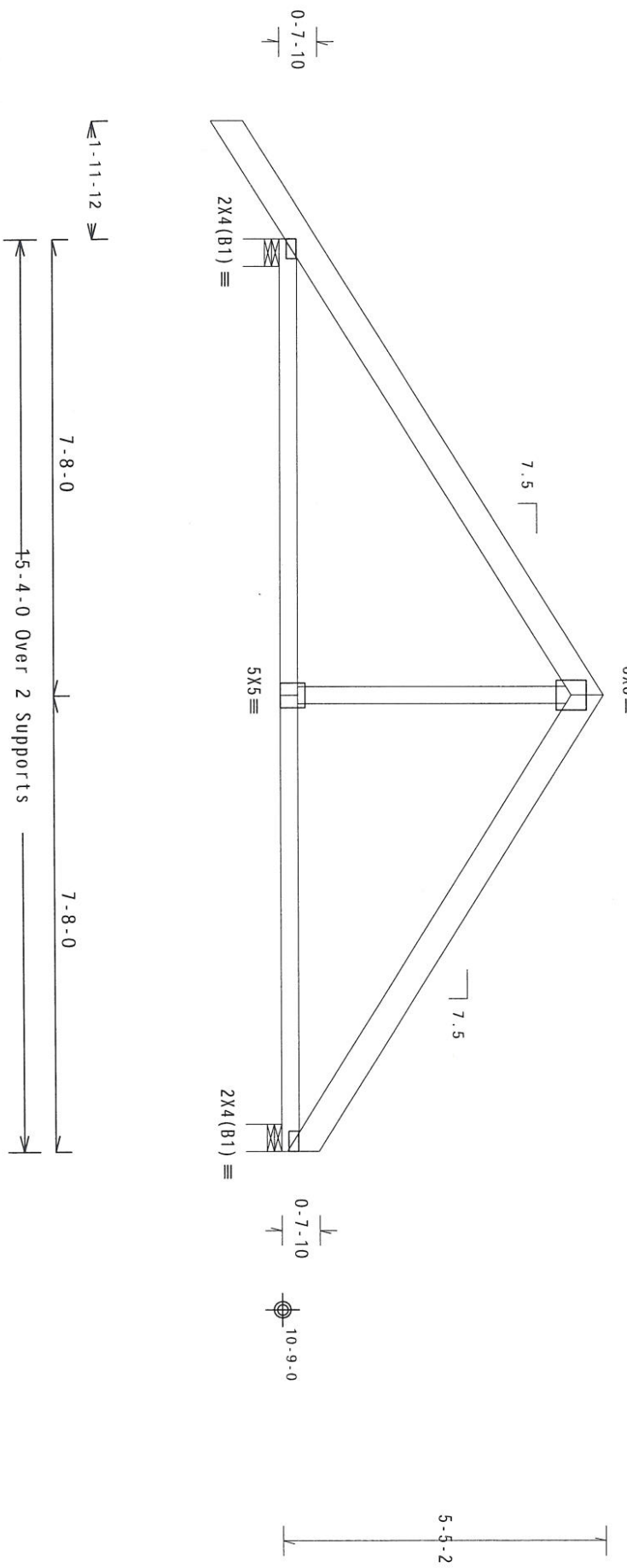
155 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT III OR IV, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.

Truss designed for unbalanced snow load based on Pg=20.00 psf, Ct=1.10, Ce=1.00, CAT III & Pf=16.94 psf.

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



R=786 U=1035 W=5.5" (5.5" min.)
RL=409/-457

R=631 U=677 W=5.5" (5.5" min.)

(MM730-/MM /MM730 -- Slidell, LA - A6)

Design Crit: IRC2009/TPI-2007 (STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

12.03.05.0416.17

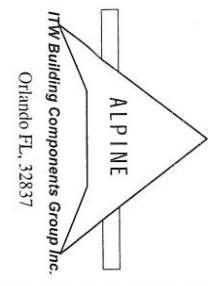
QTY:31 LA/-/1/-/1/R/-

Scale = .375" / Ft.

WARNING 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 and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by FPI and WPCA) 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 a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 83-87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown on each end. A seal on this details, unless noted otherwise, shall be used on each end of the truss. The suitability and use of this design is the responsibility of the Building Designer. The suitability and use of this design for any structure is the general notes page: ITW BCG: www.itwbcg.com; FPI: www.fpi.net.org; WPCA: www.structure.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF	R7634 - 4588
TC DL	10.0 PSF	DATE	11/19/13
BC DL	10.0 PSF	DRW	HCUSR7634 13323003
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	184055
DUR. FAC.	1.25	FROM	MM
SPACING	24.0"	REF -	1V1H7634Z01

Top chord 2x6 SP #2-13B
 Bot chord 2x6 SP #2-13B
 Webs 2x4 SP #3-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

155 mph wind, 18.23 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 13.00 ft from roof edge, CAT III OR IV, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/240 live and L/480 total load. Creep increase factor for dead load is 1.50.

Truss designed for unbalanced snow load based on $P_g=20.00$ psf, $C_t=1.10$, $C_e=1.00$, CAT III & $P_f=16.94$ psf.

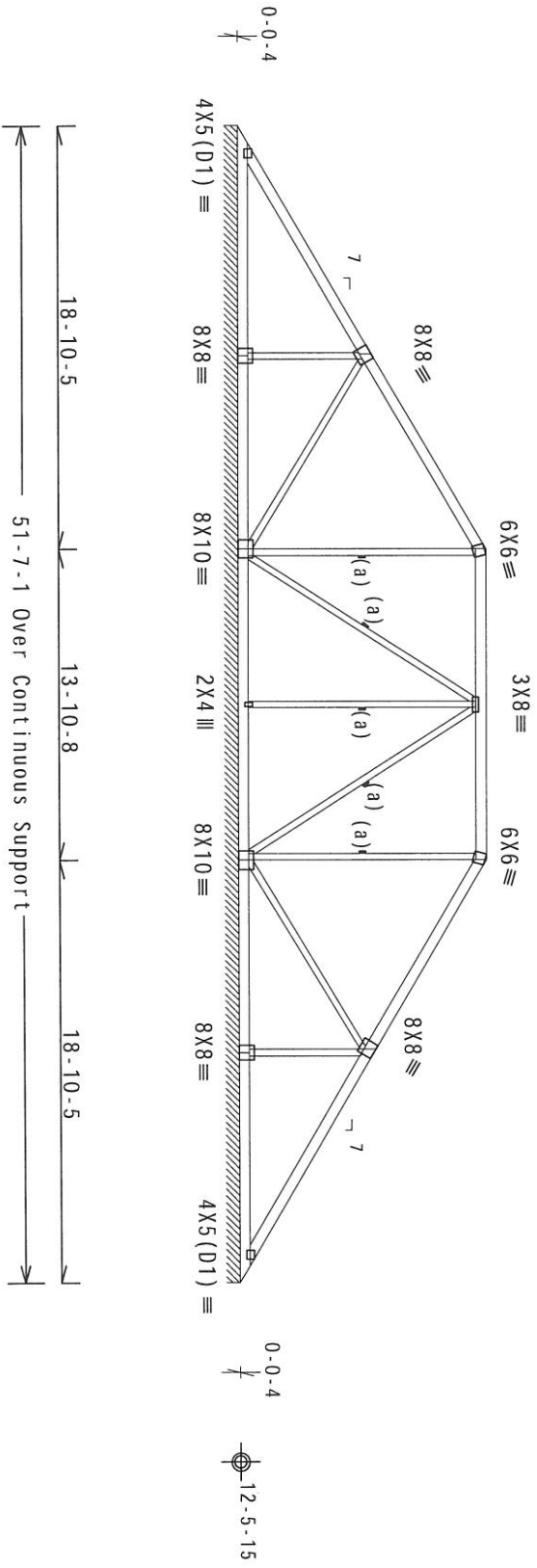
Special loads
 -----(Lumber Dur. Fac.=1.25 / Plate Dur. Fac.=1.25)
 TC- From 53 pif at 0.75 to 53 pif at 18.86
 TC- From 53 pif at 18.86 to 53 pif at 32.73
 TC- From 53 pif at 32.73 to 53 pif at 50.84
 BC- From 70 pif at 0.00 to 70 pif at 0.46
 BC- From 20 pif at 0.46 to 20 pif at 51.13
 BC- From 70 pif at 51.13 to 70 pif at 51.59

(a) Continuous lateral restraint equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.

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.

MMFRS loads based on trusses located at least 9.12 ft. from roof edge.



PLT TYP. Wave

Design Crit: IRC2009/TPI-2007(STD)
 FT/RT=20%(0%)/10(0)

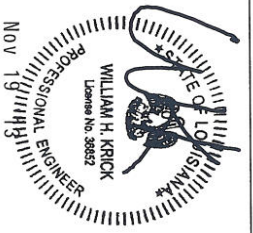
QTY: 1 LA: -/1/-/ -/R/-



ITW Building Components Group Inc.
 Orlando FL, 32837

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET**
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety) Information, by TPI and WCA 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 a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2, 160B-2, 160C-2, 160D-2, 160E-2, 160F-2, 160G-2, 160H-2, 160I-2, 160J-2, 160K-2, 160L-2, 160M-2, 160N-2, 160O-2, 160P-2, 160Q-2, 160R-2, 160S-2, 160T-2, 160U-2, 160V-2, 160W-2, 160X-2, 160Y-2, 160Z-2, 160AA-2, 160AB-2, 160AC-2, 160AD-2, 160AE-2, 160AF-2, 160AG-2, 160AH-2, 160AI-2, 160AJ-2, 160AK-2, 160AL-2, 160AM-2, 160AN-2, 160AO-2, 160AP-2, 160AQ-2, 160AR-2, 160AS-2, 160AT-2, 160AU-2, 160AV-2, 160AW-2, 160AX-2, 160AY-2, 160AZ-2, 160BA-2, 160BB-2, 160BC-2, 160BD-2, 160BE-2, 160BF-2, 160BG-2, 160BH-2, 160BI-2, 160BJ-2, 160BK-2, 160BL-2, 160BM-2, 160BN-2, 160BO-2, 160BP-2, 160BQ-2, 160BR-2, 160BS-2, 160BT-2, 160BU-2, 160BV-2, 160BW-2, 160BX-2, 160BY-2, 160BZ-2, 160CA-2, 160CB-2, 160CC-2, 160CD-2, 160CE-2, 160CF-2, 160CG-2, 160CH-2, 160CI-2, 160CJ-2, 160CK-2, 160CL-2, 160CM-2, 160CN-2, 160CO-2, 160CP-2, 160CQ-2, 160CR-2, 160CS-2, 160CT-2, 160CU-2, 160CV-2, 160CW-2, 160CX-2, 160CY-2, 160CZ-2, 160DA-2, 160DB-2, 160DC-2, 160DD-2, 160DE-2, 160DF-2, 160DG-2, 160DH-2, 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160YT-2, 160YU-2, 160YV-2, 160YW-2, 160YX-2, 160YY-2, 160YZ-2, 160ZA-2, 160ZB-2, 160ZC-2, 160ZD-2, 160ZE-2, 160ZF-2, 160ZG-2, 160ZH-2, 160ZI-2, 160ZJ-2, 160ZK-2, 160ZL-2, 160ZM-2, 160ZN-2, 160ZO-2, 160ZP-2, 160ZQ-2, 160ZR-2, 160ZS-2, 160ZT-2, 160ZU-2, 160ZV-2, 160ZW-2, 160ZX-2, 160ZY-2, 160ZZ-2



TC LL	20.0 PSF	REF R7634 - 4590
TC DL	10.0 PSF	DATE 11/19/13
BC DL	10.0 PSF	DRW HCUSR7634 13323003
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SECON- 192225
DUR. FAC.	1.25	FROM MM
SPACING	24.0"	JREF - 1V1H7634Z01

Scale = .125" / ft.

Top chord 2x6 SP #2-13B
 Bot chord 2x6 SP #2-13B
 Webs 2x4 SP #3-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

155 mph wind, 19.48 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT III OR IV, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/240 live and L/480 total load. Creep increase factor for dead load is 1.50.

MMFRS loads based on trusses located at least 9.74 ft. from roof edge.

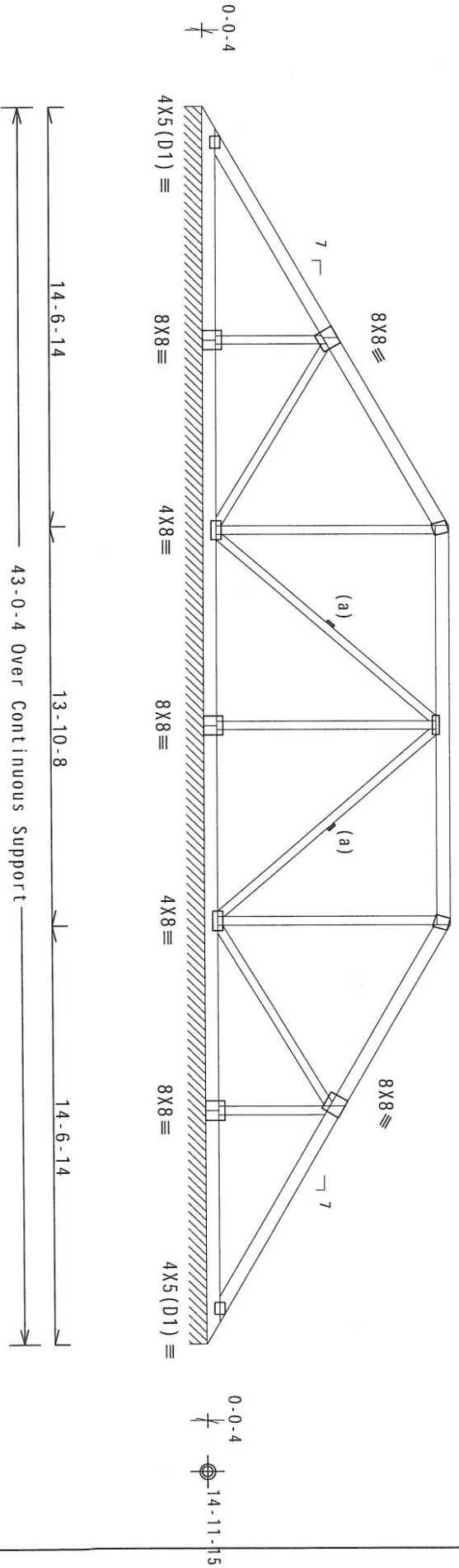
Special loads

-----Lumber	Dur. Fac.=1.25 / Plate Dur. Fac.=1.25)
TC- From	53 pif at 14.57
TC- From	53 pif at 14.57 to 53 pif at 28.45
TC- From	53 pif at 28.45 to 53 pif at 42.27
BC- From	70 pif at 0.00 to 70 pif at 0.46
BC- From	20 pif at 0.46 to 70 pif at 42.55
BC- From	70 pif at 42.55 to 70 pif at 43.02

(a) Continuous lateral restraint equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.

Truss designed for unbalanced snow load based on Pg=20.00 psf, Ct=1.10, Ce=1.00, CAT III & Pf=16.94 psf.



R=87 PLF U=91 PLF W=43-0-4
 RL=14/-14 PLF

PLT TYP. Wave

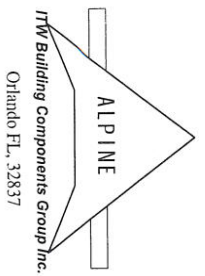
Design Crit: IRC2009/TPI-2007(STD)
 FT/RT=20%(0%)/10(0)

12.03.05.0416.16

QTY:1 LA/-1/-/R/-

Scale = .1875"/ft.

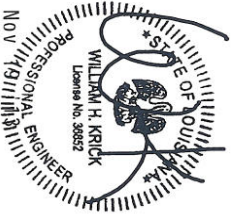
ALLPINE



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

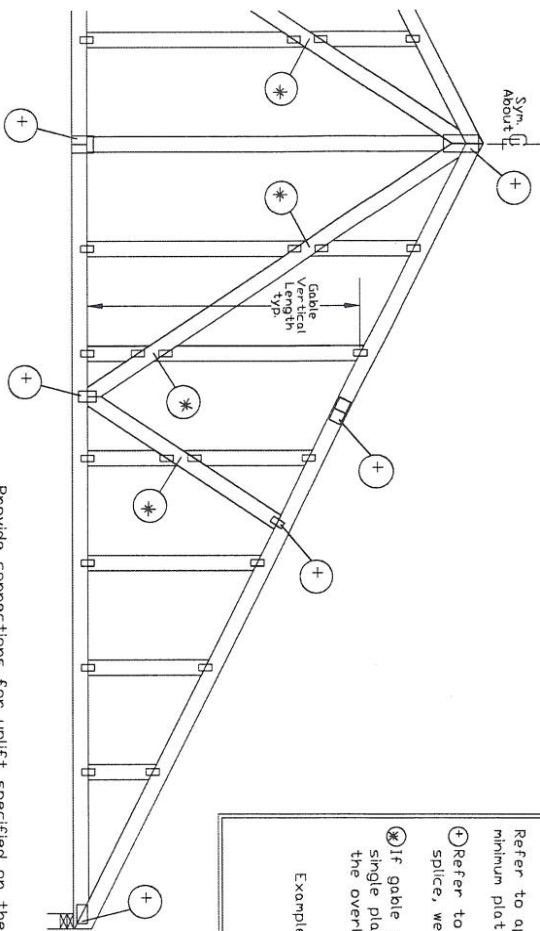
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the most recent edition of BCSI (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. All drawings on this drawing or cover page (listing design and load) shall be used for construction. The stability and use of this structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: this job's general notes page. ITW BCG: www.itwbcg.com; TPI: www.tpi.net; WCA: www.abindustry.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF R7634-4592
TC DL	10.0 PSF	DATE 11/19/13
BC DL	10.0 PSF	DRW HCUSR7634 13323005
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SECM- 192217
DUR. FAC.	1.25	FROM MM
SPACING	24.0"	JREF - 1V1H7634Z01

Gable Detail For Let-in Verticals



Gable Truss Plate Sizes

Refer to appropriate ITW gable detail for minimum plate sizes for vertical studs.

- ⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.
- ⊗ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

Example:

Provide connections for uplift specified on the engineered truss design.

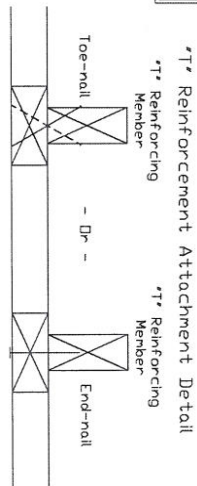
Attach each 'T' reinforcing member with
End Driven Nails:
10d Common (0.148" x 3.2" min) Nails at 4' o.c. plus
(4) nails in the top and bottom chords.

Toe-nailed Nails:
10d Common (0.148" x 3.2" min) Toe-nails at 4' o.c. plus
(4) toe-nails in the top and bottom chords.

This detail to be used with the appropriate ITW gable detail for ASCE
wind load.

- ASCE 7-99 Gable Detail Drawings
 - A13015980109, A12015980109, A10015980109, A13030980109, A12030980109, A11030980109, A10030980109
- ASCE 7-02 Gable Detail Drawings
 - A13015020109, A12015020109, A10015020109, A1303020109, A1203020109, A1103020109, A1003020109
- ASCE 7-05 Gable Detail Drawings
 - A13015050109, A12015050109, A10015050109, A1303050109, A1203050109, A1103050109, A1003050109
- ASCE 7-10 Gable Detail Drawings
 - A13015002012, A12015002012, A14015002012, A18015002012, A20015002012, A20015002012, A16030002012, A15300002012, A12030002012, A14030002012, A16030002012, A20030002012, A20030002012

See appropriate ITW gable detail for maximum unreinforced gable vertical length.



To convert from 'L' to 'T' reinforcing members, multiply 'T' increase by length (based on appropriate ITW gable detail).

Maximum allowable 'T' reinforced gable vertical length is 14' from top to bottom chord.
'T' reinforcing member material must match size, specie, and grade of the 'L' reinforcing member.

Web Length Increase w/ 'T' Brace

'T' Reinf. Mem. Size	'T' Increase
2x4	30 %
2x6	20 %

Example:
ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, Kzt = 1.00
Gable Vertical = 24' o.c. SP #3
'T' Reinforcing Member Size = 2x4
'T' Brace Increase (from Above) = 30% = 1.30
(1) 2x4 'L' Brace Length = 8' 7"
Maximum 'T' Reinforced Gable Vertical Length = 130 x 8' 7" = 11' 2"

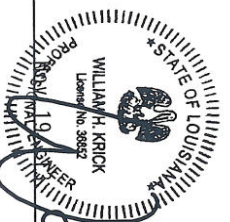
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the manufacturer's instructions for safety and stability. See the manufacturer's literature for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSS. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSS sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1089-Z for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing or cover page listing this drawing's registration number and date of this drawing for any structure is the responsibility of the Building Designer. Per ANSI/TPI 1 Sect. 2. For more information see this job's general notes page and the web sites: ITW/BCG www.itwbcg.com; TPI www.tpiinst.org; VITCA www.stcindustriy.org; ICC www.iccsafe.org



Earth City, MO 63045



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

REF	LET-IN VERT
DATE	2/16/12
DRWG	GBLLETIN0212