

DORMER HERE
 - Field Frame the Floor
 - Build the Dormer Walls
 on the floor inside the Girders



Top chord 2x4 SPF #1/#2
 Bot chord 2x4 SPF #1/#2
 Webs 2x4 SPF #1/#2

MAX CSI: TC = 0.56, BC = 0.78, WEBS = 0.92.

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.
 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

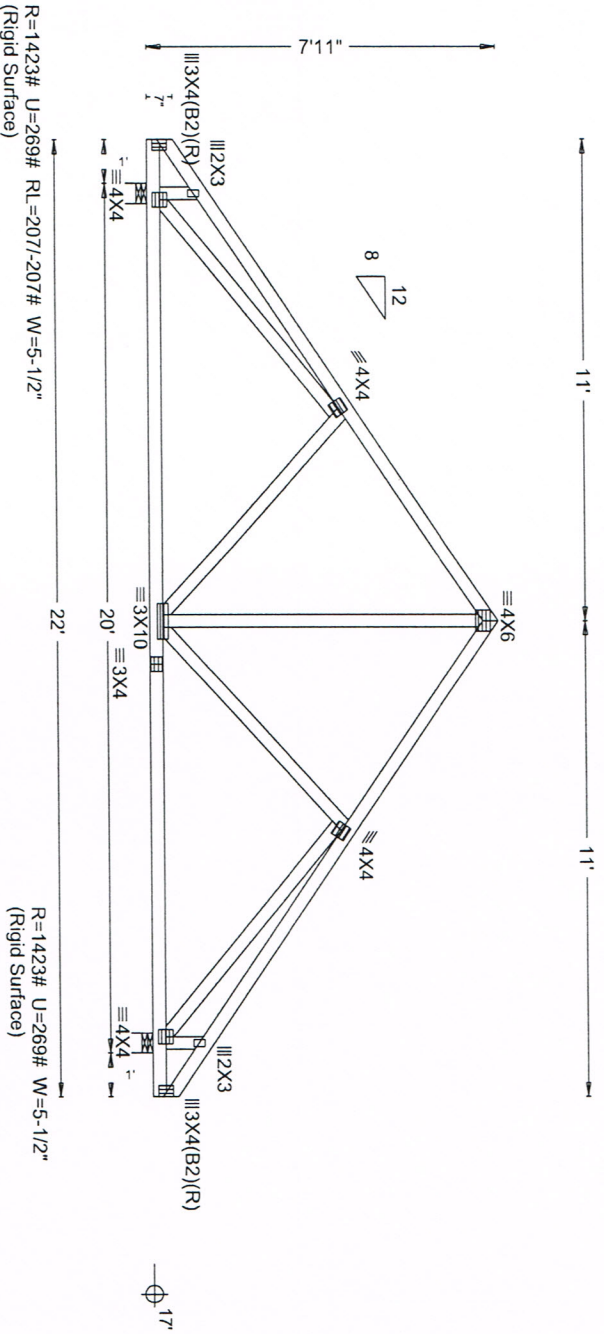
100 mph wind, 21.25 ft mean hgt, ASCE 7-05, CLOSED bldg. Located anywhere in roof, CAT II, EXP C, wind TC DL = 4.2 psf, wind BC DL = 4.2 psf.

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

Left and right cantilevers are not exposed to wind

Calculated vertical deflection is 0.04" due to live load at X = 11'-0.0" and -0.01" due to total load at X = 0'-0.0". L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss designed for unbalanced snow load based on $P_g=60.00$ psf, $C_t=1.10$, $C_e=1.00$, $CAT II$ & $P_f=46.20$ psf.



R=1423# U=269# RL=2071-207# W=5-1/2"
 (Rigid Surface)

R=1423# U=269# W=5-1/2"
 (Rigid Surface)

PLT. TYP. -WAVE



Aroostook Trusses Inc.

Engineered Roof and Floor Trusses
 P. O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818
 aroostooktrusses.com

DESIGN CRT-IRC2009/TP-2007 FTR1=10%/0%/100

QTY = 13 TOTAL = 13

REV. 10.03.11 0209.20

SEQ = 386970
 SCALE = 0.2500

****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 latest edition of BCSI (Building Component Safety) Information, by FPI and WTCX for safety practices prior to permit application. Truss installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall be installed with standard structural sheathing and bottom chord shall have a properly attached end cap. Apply gables to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-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 ANSITRP1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing or cover page listing the drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSITRP1 Sec.2. For more information see this job's general notes page and these web sites: ITWBGC: www.itwbgc.com; TPI: www.tpinet.org; WTCX: www.abindustry.com; ICC: www.iccsafe.org

TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	
BC LL	0.0psf	SJL	
TOT.LD.	63.3psf	O/A LEN.	22
DUR.FAC.	1.15	JOB #:	HLV13477
SPACING	24.0"	TYPE	COMN

Top chord 2x4 SPF #1/#2
 Bot chord 2x4 SPF #1/#2
 Webs 2x4 SPF #1/#2

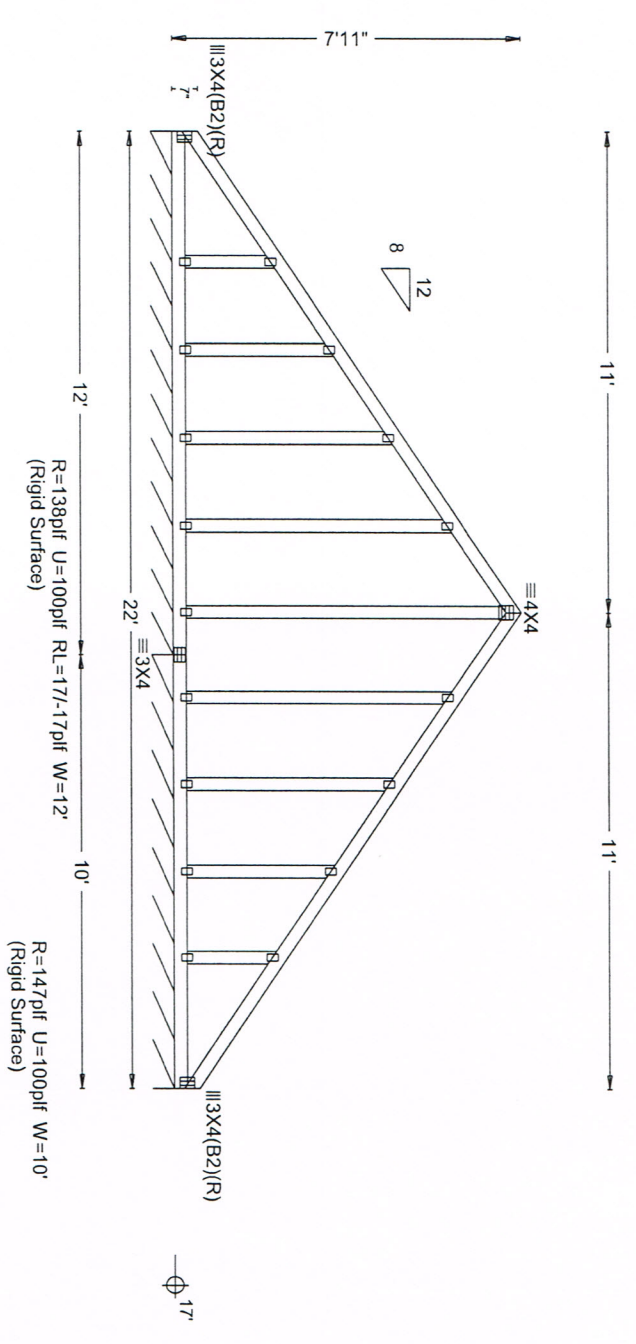
MAX CSI: TC = 0.13, BC = 0.07 WEBS = 0.00.

Gable end supports 8" max rake overhang.

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

Deflection meets U360 live and U240 total load. Creep increase factor for dead load is 1.50.

All plates are 2X3 except as noted.
 100 mph wind, 21.25 ft mean hgt, ASCE 7-05, CLOSED Bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.
 Wind loads and reactions based on MWFRS with additional C&C member design.
 See DWCS A10030050109, GBLETTN0109, & GABRST050109 for more requirements.
 Calculated vertical deflection is 0.00" due to live load at X = 21'-10"-15 and 0.00" due to total load at X = 21'-10"-15, U360 live and U240 total load. Creep increase factor for dead load is 1.50.
 Truss designed for unbalanced snow load based on Pg=60.00 psf, Cf=1.10, Ce=1.00, CAT II & Pf=46.20 psf.



PLT TYP -WAVE

DESIGN ORIT=IRC2009/TH-2007 FURF=109/409/1000

QTY= 2 TOTAL= 2

REV. 10.03.11.0209.20

SEQ = 386986
 SCALE = 0.2500



Aroostook Trusses Inc.
 Engineered Roof and Floor Trusses
 P. O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818
 aroostooktrusses.com

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
 IMPORTANT FINISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE 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 WTCN) for safety practices prior to performing these functions. Trusses are not to be used for temporary bracing per BCSI. Unless noted otherwise, top chord and bottom chord sections shall be 2x4 or 2x6, 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 160A-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 ANSITRPI 1, or for handling, shipping, installation & bracing of trusses.
 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 drawing for any structure is the responsibility of the Building Designer per ANSITRPI 1 Sec. 2.

TC LL	46.3psf
TC DL	7.0psf
BC DL	10.0psf
BC LL	0.0psf
TOT.LD.	63.3psf
DUR.FAC.	1.15
SPACING	24.0"

REF	DATE	04-02-2013
DRWG	SJL	
O/A LEN.	22	
JOB #:	HLY13477	
TYPE	GABL	

Top chord 2x4 SPF #1/#2
 Bot chord 2x4 SPF #1/#2
 Webs 2x4 SPF #1/#2

MAX CSI: TC = 0.59, BC = 0.92, WEBS = 0.96.

(a) Continuous lateral bracing equally spaced on member.

Calculated vertical deflection is 0.04" due to live load at X = 10'-0-0 and -0.01" due to total load at X = 21'-0-0. L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

100 mph wind, 21.25 ft mean hgt, ASCE 7-05, CLOSED Bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

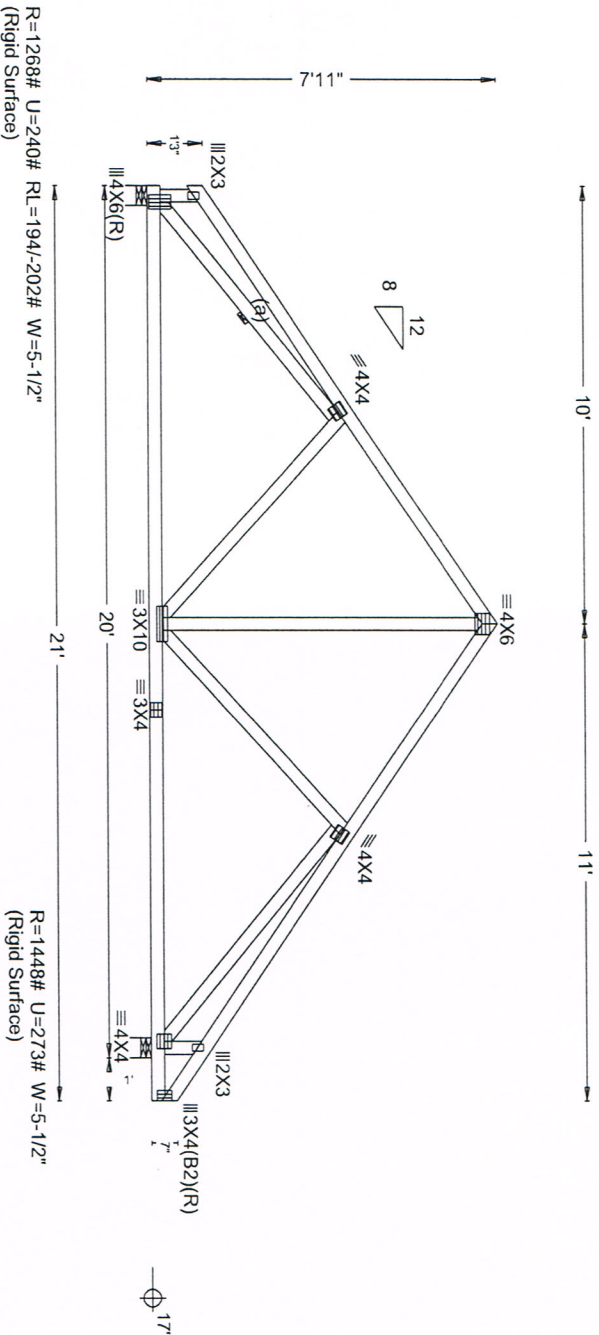
Wind loads and reactions based on MWFRS with additional C&C member design.

Right cantilever is not exposed to wind

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss designed for unbalanced snow load based on Pg=60.00 psf, Cf=1.10, Ce=1.00, CAT II & Pf=46.20 psf.



R=1268# U=240# RL=194/202# W=5-1/2"
 (Rigid Surface)

R=1448# U=273# W=5-1/2"
 (Rigid Surface)

PLT TYP -WAVE

DESIGN CRT: INC2009/11/2007 FTR1=10%(0x1/100)

QTY=6 TOTAL=6

REV. 10.03.11.0209.20

SEQ = 386975

SCALE = 0.2500



Aroostook Trusses Inc.

Engineered Roof and Floor Trusses

P.O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818

aroostooktrusses.com

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BC/SI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BC/SI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord BC/SI a properly attached rigid ceiling. Locations shown for permanent lateral bracing or webs shall be shown above and on the right. Details, unless noted otherwise, refer to drawings 100X-2 for standard plate positions.

T/W 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 or bracing of trusses. The responsibility of professional engineering liability for the design shown. The suitability and use of this drawing 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 and other pages and these web sites:
 ITW/BCG: www.hwbldg.com; TPI: www.tpi.net; WTCA: www.structure.com; ICC: www.iccsafe.org

REV.	DATE	DESCRIPTION	BY
10.03.11.0209.20	04-02-2013	46.3psf	REF
		7.0psf	DATE
		10.0psf	DRWG
		0.0psf	SJL
		63.3psf	O/A LEN.
		1.15	JOB #:
		24.0"	HL Y13477
			TYPE
			COMN

Top chord 2x6 SPF #1/#2
 Bot chord 2x10 SP 2400F-2.0E; B2 2x4 SPF #1/#2;
 Webs 2x4 SPF #1/#2; W4, W6 2x8 SP 2400F-2.0E;
 L1 Slider 2x6 SPF #1/#2; BLOCK LENGTH = 1.704'
 R1 Slider 2x6 SPF #1/#2; BLOCK LENGTH = 1.704'
 MAX CSI: TC = 0.69, BC = 0.53, WEBS = 0.38.

Calculated horizontal deflection is 0.18" due to live load and 0.16" due to dead load.

Live loads applied in combination per ASCE 7 sec. 2.4.1 use 0.75 factor for multiple live loads.

Collar-tie braced with continuous lateral bracing at 24" OC, or rigid ceiling.

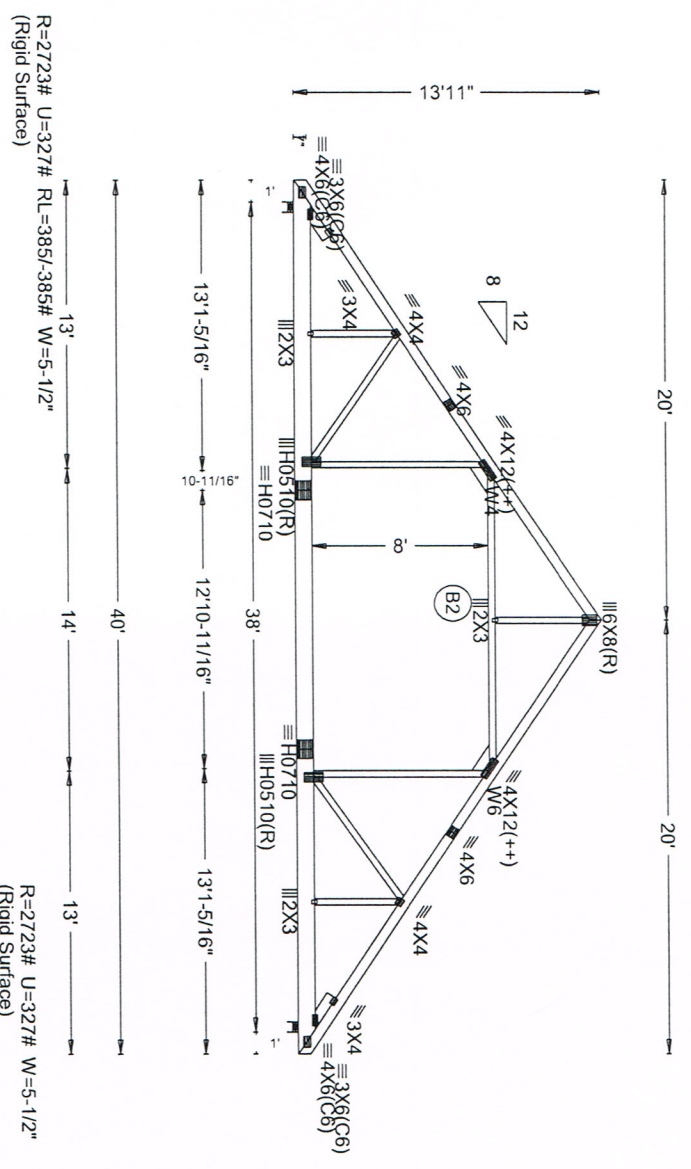
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

(++) - This plate works for both joints covered.
 100 mph wind, 15.25 ft mean hgt, ASCE 7-05, CLOSED bldg. Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.
 Wind loads and reactions based on MWFRS with additional C&C member design.
 Left and right cantilevers are not exposed to wind
 Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.

Calculated vertical deflection is 0.03" due to live load at X = 40'-0-0 and 0.05" due to total load at X = 40'-0-0. L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

BC attic room floor loading: LL = 40.00 psf; DL = 5.00 psf; from 13'-0-0 to 27'-0-0.

Truss designed for unbalanced snow load based on Pg=60.00 psf, Cf=1.10, Ce=1.00, CAT II & Pf=46.20 psf.



R=2723# U=327# RL=385/-385# W=5-1/2"
 (Rigid Surface)

R=2723# U=327# W=5-1/2"
 (Rigid Surface)

PLT TYP - WAVE

DESIGN CRT:IRC2009(1);2007 FRI=109(KN);1000

QTY=9 TOTAL=9

REV. 10.03.11.0209.20

SEQ = 386999
 SCALE = 0.1250



Engineered Roof and Floor Trusses
Atoostock Trusses Inc.
 P.O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-387-8777
 Fax 207-768-5818
 atoostocktrusses.com

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSS (Building Component Safety) information, by AT&T and WTA for all truss design and installation functions. Installers shall provide temporary bracing per design. The floor joist shall have properly attached structural sheathing and bottom chord shall have a B7 or B10, as applicable. Apply plates to each face of truss and lateral resistors of webs shall have bracing installed per BCSS sections B3. Refer to drawings 160A-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 ANSIT/PI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing the drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSIT/PI 1 Sec.2.

For more information see this job's general notes page and these web sites:
 ITWBCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.abindustry.com; ICC: www.icc-safe.org

TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	
BC LL	0.0psf	S.LL	
TOT LD.	63.3psf	O/A LEN.	40
DUR.FAC.	1.15	JOB #.	HL Y13477
SPACING	24.0"	TYPE	ATTIC

Top chord 2x6 SPF #1/#2
 Bot chord 2x10 SP 2400'2.0E :B2 2x4 SPF #1/#2:
 Webs 2x4 SPF #1/#2 :W4, W6 2x8 SP 2400'2.0E:
 L1 Slider 2x6 SPF #1/#2: BLOCK LENGTH = 1.704'
 R1 Slider 2x6 SPF #1/#2: BLOCK LENGTH = 1.704'
 MAX CSI: TC = 0.70, BC = 0.52, WEBS = 0.23
 (++) - This plate works for both joints covered.

100 mph wind, 15.25 ft mean hgt, ASCE 7.05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL = 4.2 psf, wind BC DL = 4.2 psf.

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

Left and right cantilevers are not exposed to wind

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

Purlins are shown to indicate required spacing only. Purlin size, grade, orientation and placement shall comply with the Building Designer's requirements.

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

Live loads applied in combination per ASCE 7 sec. 2.4.1 use 0.75 factor for multiple live loads.

Trusses to be spaced at 42.0" OC maximum.

Collar-tie braced with continuous lateral bracing at 24" OC.

Deflection meets U/360 live and U/240 total load. Creep increase factor for dead load is 1.50.

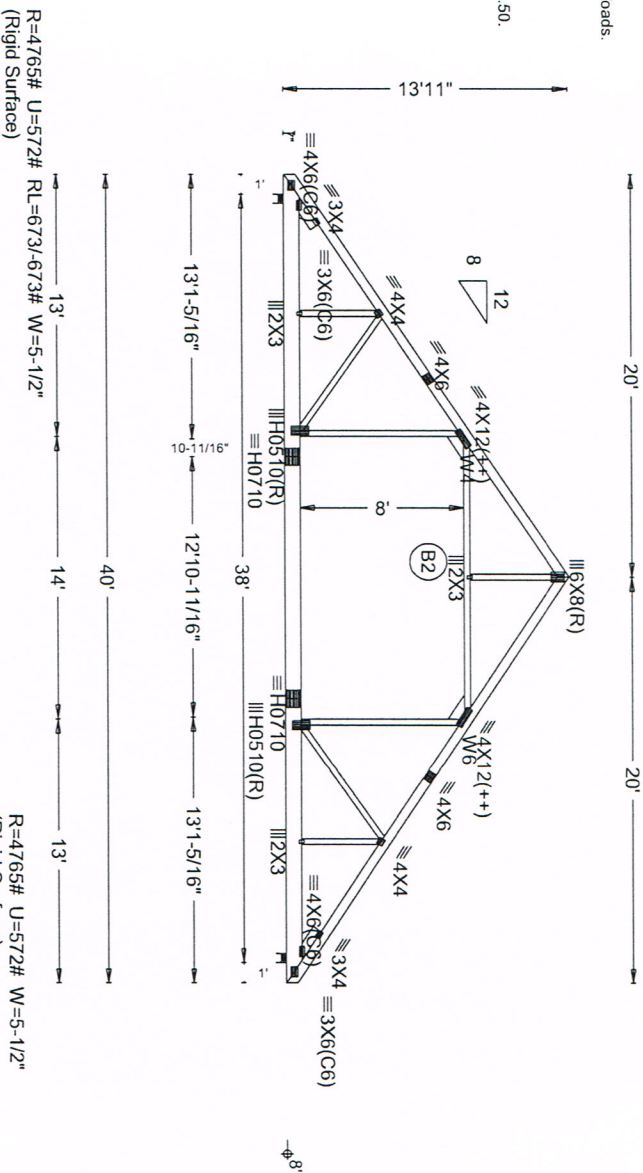
2 Complete Trusses Required

Nail Schedule 0.128"x3" min. nails
 Top Chord: 1 Row @ 6.75" o.c.
 Bot Chord: 1 Row @ 9.75" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

Calculated vertical deflection is 0.02" due to live load at X = 0-0-0 and 0.05" due to total load at X = 0-0-0. U/360 live and U/240 total load. Creep increase factor for dead load is 1.50.

BC after room floor loading: LL = 40.00 psf; DL = 5.00 psf; from 13-0-0 to 27-0-0.

Truss designed for unbalanced snow load based on Pg=60.00 psf, Ct=1.10, Ce=1.00, CAT II & Pf=46.20 psf.



PLT_TYP_WAVE

DESIGN CRIT:RC2008RTR-2007 FTR1-10%(0.9)/100

QTY= 2 PULIES= 2 TOTAL= 4

REV. 10.03.11 0209.20

SEQ = 387025
 SCALE = 0.1160



Aroostook Trusses Inc.

Engineered Roof and Floor Trusses
 P. O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818
 aroostooktrusses.com

****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 latest edition of BCSI (Building Component Safety) Information, by FPI and WTCA for safety practices prior to performing any work. Components and bottom chord shall have temporary bracing per BCSI unless otherwise noted. Components shall be stored in a dry, well-ventilated area. Components shall have a minimum lateral resistance of webs shall have bracing installed per BCSI 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 160A-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 the drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of the drawing for any structure is the responsibility of the Building Designer per ANSI/PTI 1 Sec.2. For more information see this job's general notes page and these web sites: ITWBCG: www.itwbcg.com; TPI: www.tpiinst.org; WTCA: www.steelindustry.com; ICC: www.iccsafe.org

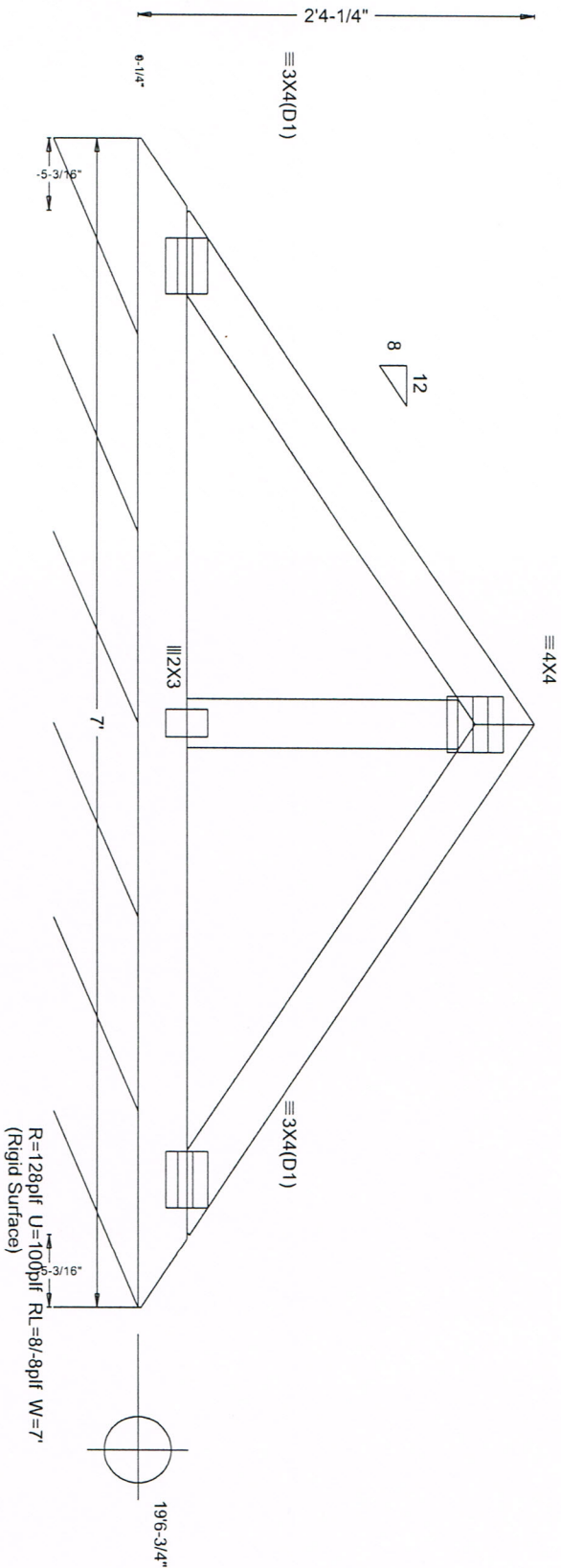
TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	
BC LL	0.0psf	SJL	
TOT.LD.	63.3psf	O/A LEN.	40
DUR.FAC.	1.15	JOB #:	HLY13477
SPACING	42.0"	TYPE	ATTIC

Top chord 2x4 SPF #1/#2
 Bol chord 2x4 SPF #1/#2
 Webs 2x4 SPF #1/#2

MAX CSI: TC = 0.24, BC = 0.12, WEBS = 0.07.

Calculated vertical deflection is 0.01" due to live load at X = 0-11-3 and 0.02" due to total load at X = 0-11-3. U/360 live and U/240 total load. Creep increase factor for dead load is 1.50.

100 mph wind, 20.89 ft mean hgt, ASCE 7-05, CLOSED Bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.
 Wind loads and reactions based on MWFRS with additional C&C member design.
 Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.
 Deflection meets U/360 live and U/240 total load. Creep increase factor for dead load is 1.50.
 Truss designed for unbalanced snow load based on $P_g=60.00$ psf, $C_e=1.10$, $C_d=1.00$, $C_{AT} II$ & $P=46.20$ psf.



PLT - TYP - WAVE

DESIGN CRIT=IRC2009/TP-2007 FTR1=109/09/1000

QTY= 1 TOTAL= 1

REV. 10.03.11.0209.20

SEQ = 387050
 SCALE = 1/1000



Aroostook Trusses Inc.
 Engineered Roof and Floor Trusses
 P.O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818
 aroostooktrusses.com

****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 latest edition of BCSP (Building Component Safety) Information, by TP and WTCA for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. Unless noted otherwise, top chord studs have properly addressed functions. Installers shall provide a BT or BT10, 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 160A-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 the drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of the drawing 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 and these web sites:
 ITWBCG: www.itwbcg.com; TPI: www.tpi.net; WTCA: www.steelindustry.com; ICC: www.iccsafe.org

TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	
BC LL	0.0psf	SJL	
TOT.LD.	63.3psf	O/A LEN.	7
DUR.FAC.	1.15	JOB #:	HLY13477
SPACING	24.0"	TYPE	VAL

Top chord 2x4 SPF #1/#2
 Bol chord 2x4 SPF #1/#2

100 mph wind, 21.56 ft mean hgt, ASCE 7-05, CLOSED Bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

MAX CSI: TC = 0.05, BC = 0.09, WEBS = 0.00.

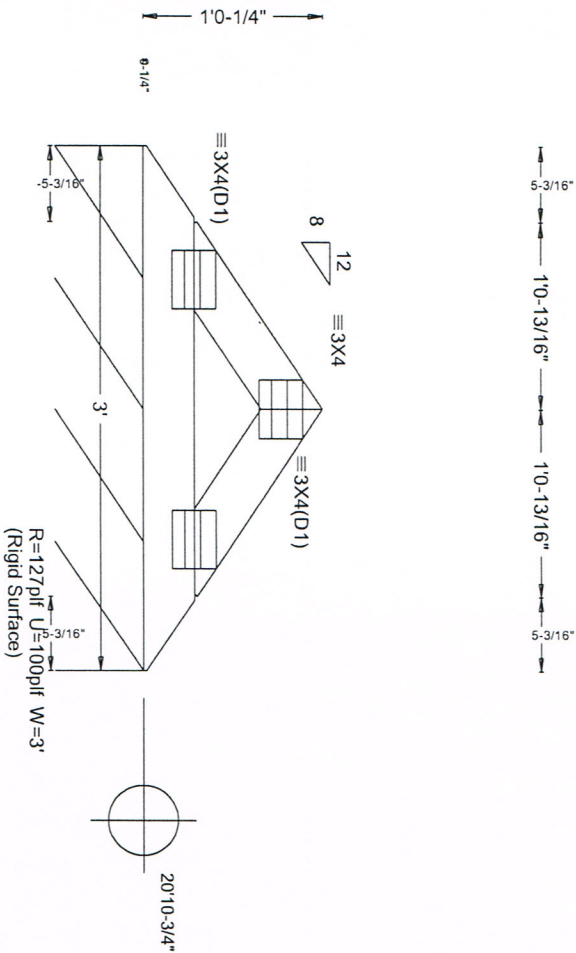
Wind loads and reactions based on MWFRS with additional C&C member design.

Calculated vertical deflection is 0.00" due to live load at X = 2'-0"-13 and 0.00" due to total load at X = 2'-0"-13. U/360 live and U/240 total load. Creep increase factor for dead load is 1.50.

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=60.00 psf, Cf=1.10, Ce=1.00, CAT II & Pf=46.20 psf.

Deflection meets U/360 live and U/240 total load. Creep increase factor for dead load is 1.50.



P.L.T. TYP-WAVE

DESIGN DATE: 02/09/2007 FILE: 104/04/1000

QTY = 1 TOTAL = 1

REV. 10.03.11.0209.20

SEQO = 387051
 SCALE = 1/1000



Aroostook Trusses Inc.

Engineered Roof and Floor Trusses

P.O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818
 aroostooktrusses.com

****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 latest edition of BCSI (Building Component Safety) information, by IPF and WTCM for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly aligned bracing bearing led per BCSI 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 160A-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 ANSITRPI 1, or for handling, shipping, installation & bracing of trusses. 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 drawing for any structure is the responsibility of the Building Designer per ANSITRPI 1 Sec.2.

For more information see this job's general notes, nsp and these web sites:
 ITWBCG: www.itwbcg.com; TPI: www.tpiusa.org; WTCM: www.stindustry.com; ICC: www.iccsafe.org

TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	
BC LL	0.0psf	S/L	
TOT.LD.	63.3psf	O/A LEN.	3
DUR.FAC.	1.15	JOB #:	HL Y13477
SPACING	24.0"	TYPE	VAL

Top chord 2x4 SPF #1/#2
 Bot chord 2x4 SPF #1/#2
 Webs 2x4 SPF #1/#2

MAX CSI: TC = 0.60, BC = 0.22, WEBS = 0.11.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

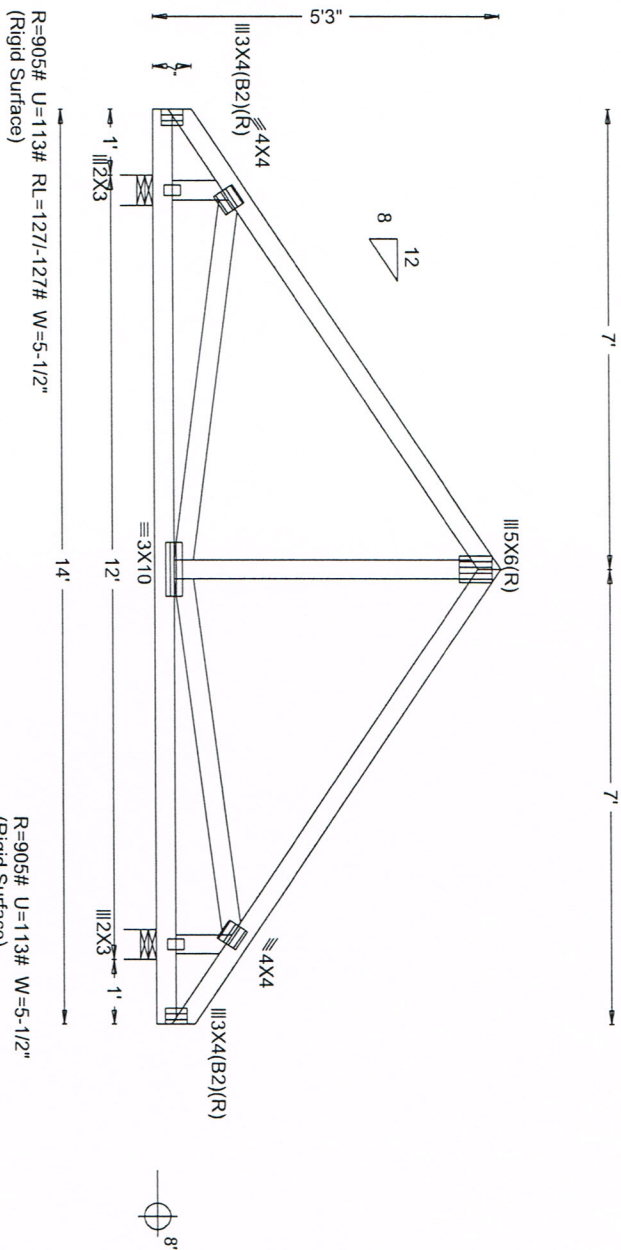
100 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

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

Left and right cantilevers are not exposed to wind

Calculated vertical deflection is -0.00" due to live load at X = 14-0-0 and -0.00" due to total load at X = 14-0-0. L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Truss designed for unbalanced snow load based on $P_g=60$ psf, $C_i=1$, $C_e=1.00$, CAT II & $P_f=48$ 20 psf.



PLT TYP -WAVE

DESIGN CRN=IRC2009/TP1-2007/FRR1=10XK(QX)/10Q0

QTY= 2 TOTAL= 2

REV. 10.03.11.0209.20

SEQ = 386946
 SCALE = 0.3750



Aroostook Trusses Inc.

Engineered Roof and Floor Trusses

P.O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818

aroostooktrusses.com

****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 latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to applying temporary bracing per BCSI. Trusses shall be shipped with all required structural sheathing and bottom chord shall have 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 160A-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, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing 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 pages and these web sites:
 ITWBCCI: www.itwbcc.com; TPI: www.tpi.net; WTCA: www.structuralsteel.com; ICC: www.iccsafe.org

TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	
BC LL	0.0psf	S/L	
TOT.LD.	63.3psf	O/A LEN.	14
DUR.FAC.	1.15	JOB #:	HLY13477
SPACING	24.0"	TYPE	CONN

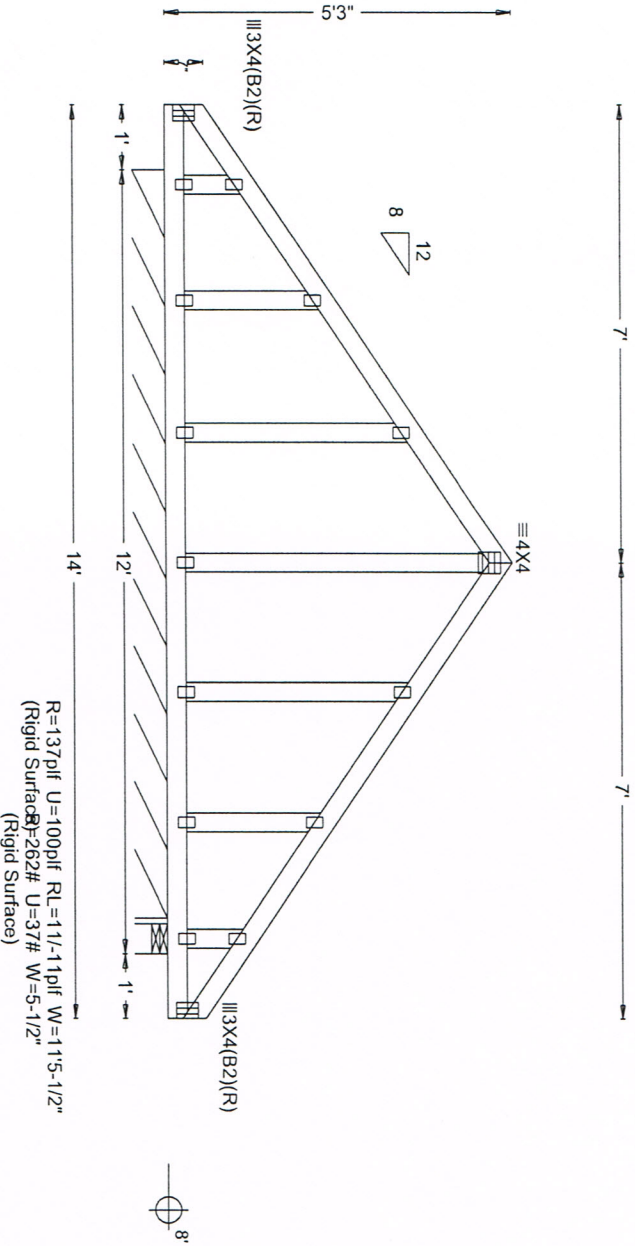
Top chord 2x4 SPF #1/#2
 Bot chord 2x4 SPF #1/#2
 Webs 2x4 SPF #1/#2

MAX CSI: TC = 0.10, BC = 0.08, WEBS = 0.13.

Left and right cantilevers are not exposed to wind

Calculated vertical deflection is 0.01" due to live load at X = 0-0-0 and 0.01" due to total load at X = 0-0-0. L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

All plates are 2X3 except as noted.
 100 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC.DL=4.2 psf, wind BC.DL=4.2 psf.
 Wind loads and reactions based on MWFRS with additional C&C member design.
 Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.
 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
 Truss designed for unbalanced snow load based on $P_g=60.00$ psf, $C_e=1.10$, $C_d=1.00$, CAT II & $P_f=46.20$ psf.



PLT: TYP-WAVE

DESIGN CRIT = RC2009/TP1-2007 FTR1 = 10%(0.5x)100)

QTY = 1 TOTAL = 1

REV. 10.03.11.0209.20

SEQ = 387049
 SCALE = 0.3750



Aroostook Trusses Inc.

Engineered Roof and Floor Trusses

P.O. Box 548 Presque Isle, Me. 04769
 Ph 207-768-5817 or 877-287-8777
 Fax 207-768-5818

aroostooktrusses.com

****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 latest edition of BCSS (Building Component Safety Information, by TPI and W.T.C.A.) 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 per BCSS sections B3, a properly attached rigid ceiling. Locations shown for permanent bracing shall be used for temporary bracing. Truss and web members shall be installed in accordance with ANSI/TPI 1, or for shipping, installation & bracing of trusses. Refer to drawings 180A-Z for standard plate positions.

TJV Building Components Group, Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in accordance with ANSI/TPI 1, or for shipping, installation & bracing of trusses. A seal on this drawing certifies the accuracy of the drawing for any structure in the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see the job's general notes page and these web sites:

TJVBCG: www.tjvbcg.com; TPI: www.tpi.net.org; W.T.C.A.: www.structure.com; I.C.C.: www.iccsafe.org

TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	
BC LL	0.0psf	SJL	
TOT.LD.	63.3psf	O/A LEN.	14
DUR.FAC.	1.15	JOB #.	HLY13477
SPACING	24.0"	TYPE	COMN