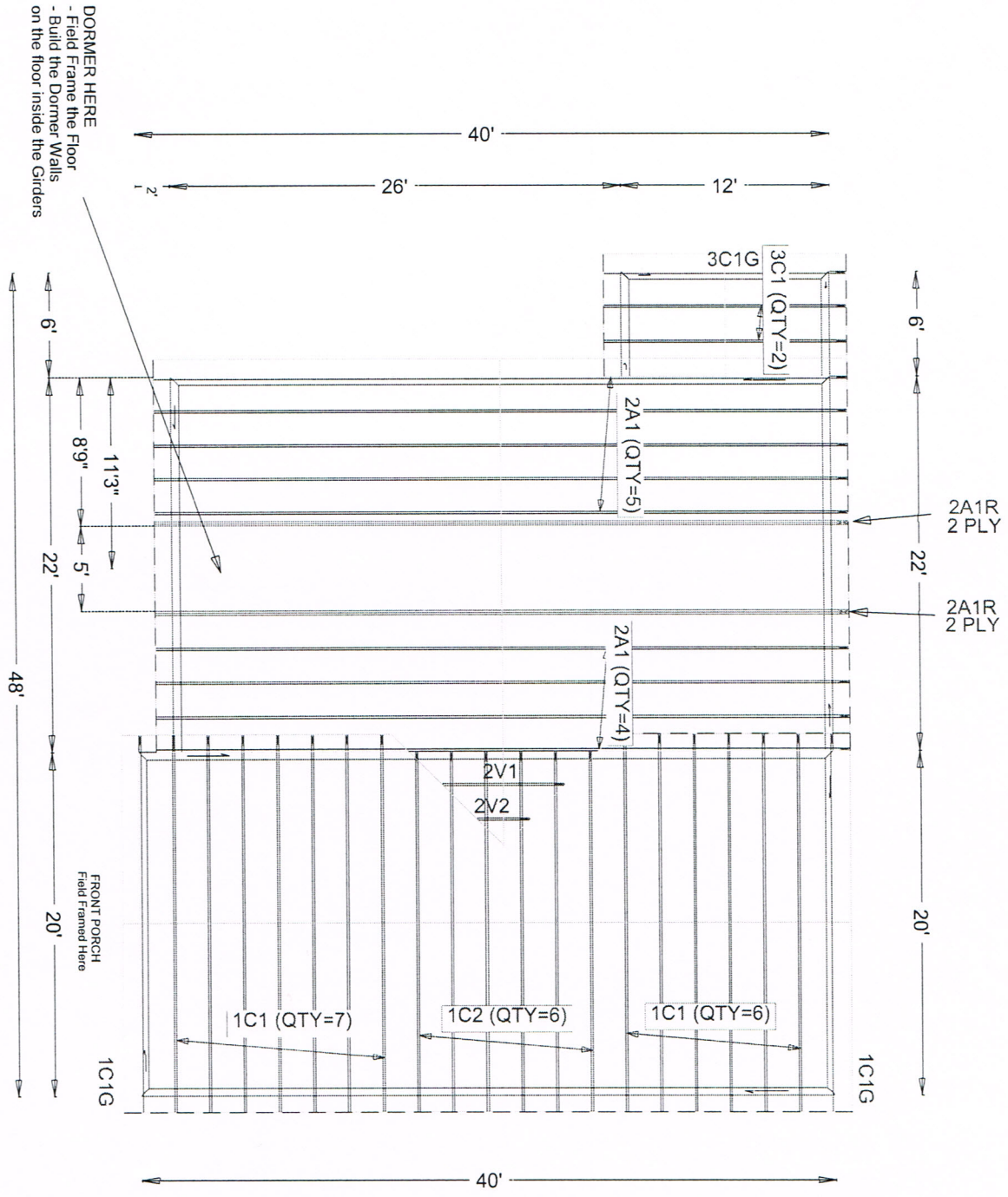


PAGE NO: 1 OF 1	JOB NO: HLY13477	PROJECT: GREAVES Residence DATE: 04-02-2013		AROOSTOOK TRUSSES Engineered Roof and Floor Trusses "Made in Maine"

Job:(HLY13477) / 1C1

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

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.

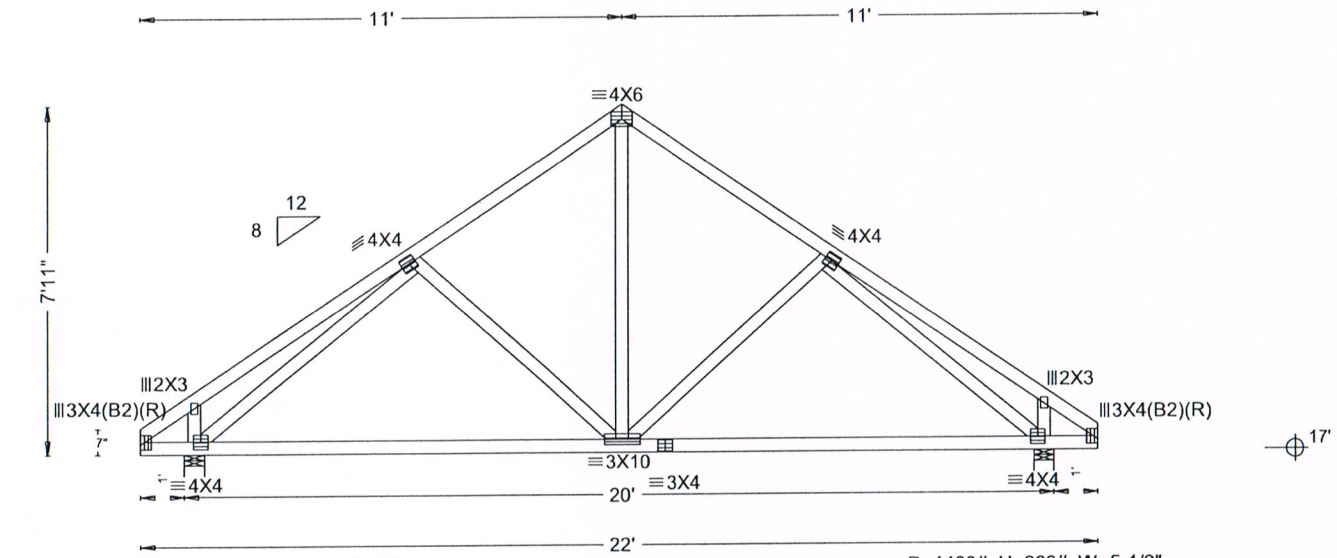
100 mph wind, 21.25 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

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



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

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

PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

QTY= 13 TOTAL= 13

REV. 10.03.11.0209.20

SEQ = 386970
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

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	COMN

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

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

All plates are 2X3 except as noted.

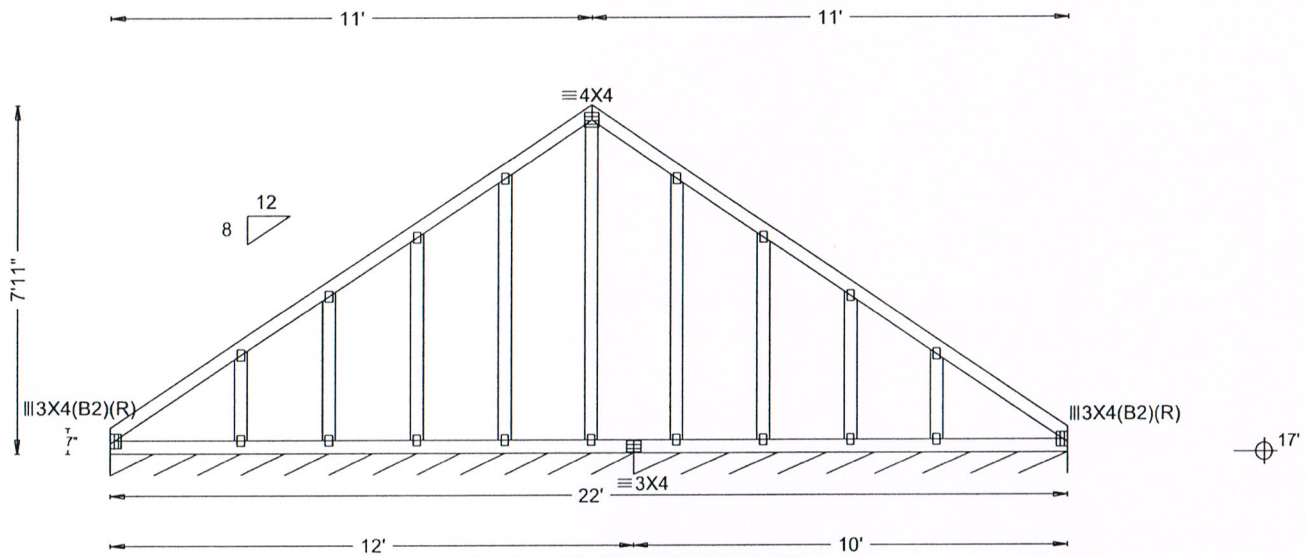
100 mph wind, 21.25 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

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

See DWGS A10030050109, GBLLETIN0109, & 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. 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, Ct=1.10, Ce=1.00, CAT II & Pf=46.20 psf.



PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

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** 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 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 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 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 page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.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 #:	HLY13477
SPACING	24.0"	TYPE	GABL

Job:(HLY13477) / 1C2

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

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.

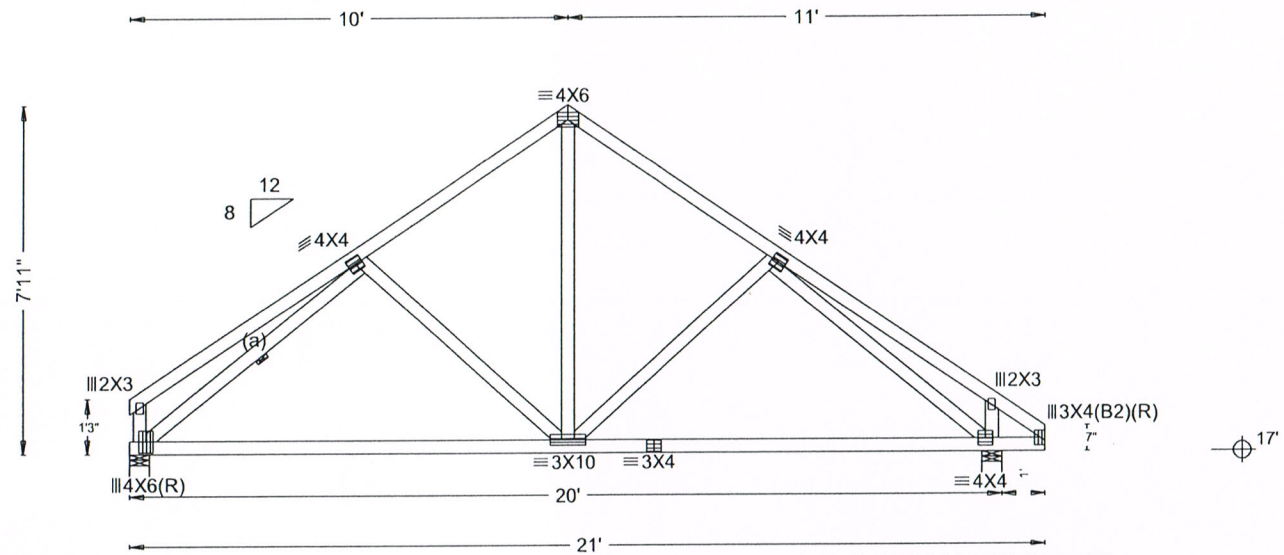
Wind loads and reactions based on MWFRS with additional C&C member design.

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, Ct=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 CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

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

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.	21
JOB #:	HLY13477
TYPE	COMN

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

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:
:Lt Slider 2x6 SPF #1/#2: BLOCK LENGTH = 1.704'
:Rt 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.

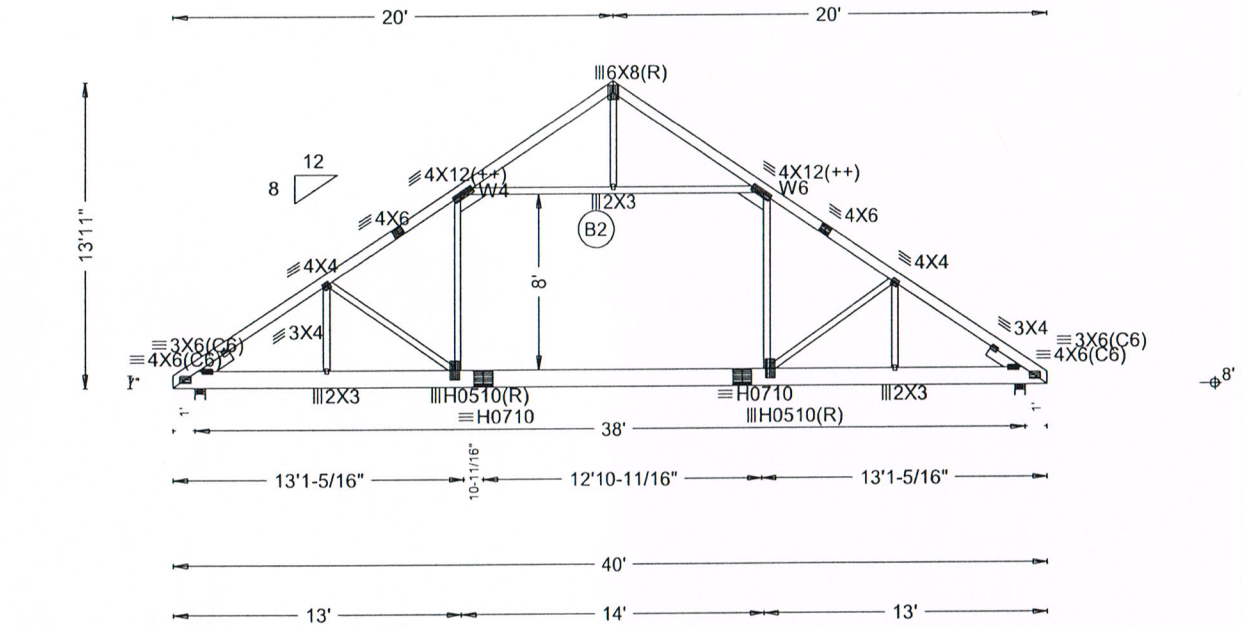
Left and right cantilevers are not exposed to wind

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, Ct=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 CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

QTY= 9 TOTAL= 9

REV. 10.03.11.0209.20

SEQ = 386999
SCALE =0.1250

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 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 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 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 page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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.	40
JOB #:	HLY13477
TYPE	ATIC

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:
:Lt Slider 2x6 SPF #1/#2: BLOCK LENGTH = 1.704'
:Rt 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 L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

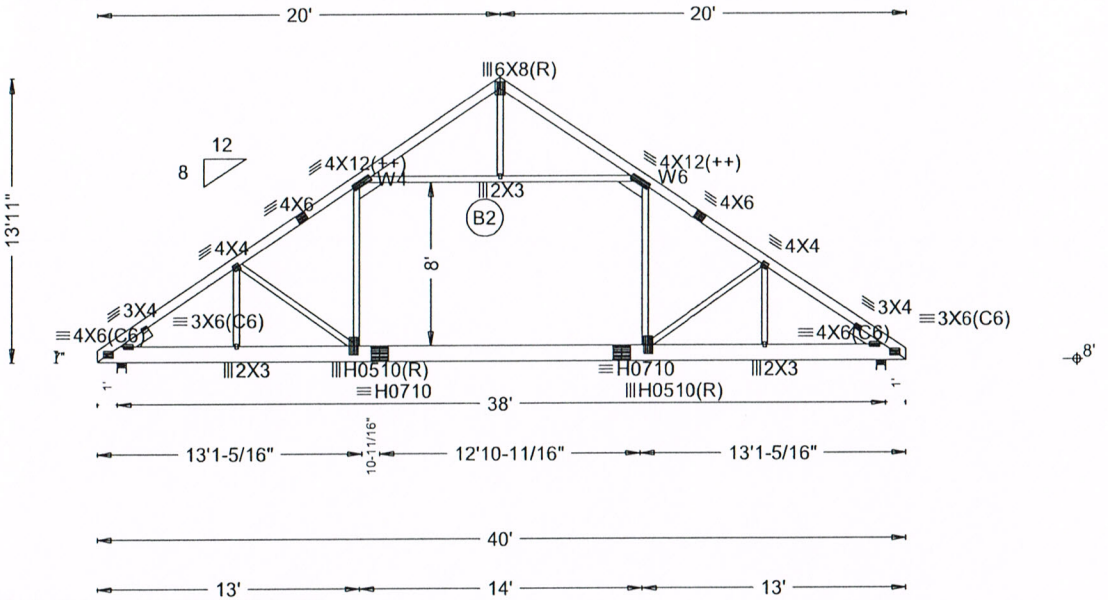
2 Complete Trusses Required

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



R=4765# U=572# RL=673/-673# W=5-1/2"
(Rigid Surface)

R=4765# U=572# W=5-1/2"
(Rigid Surface)

PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

QTY= 2 PLIES= 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

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	42.0"

REF	
DATE	04-02-2013
DRWG	
	SJL
O/A LEN.	40
JOB #:	HLY13477
TYPE	ATIC

Job:(HLY13477) / 2V1

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

Top chord 2x4 SPF #1/#2
Bot 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. L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

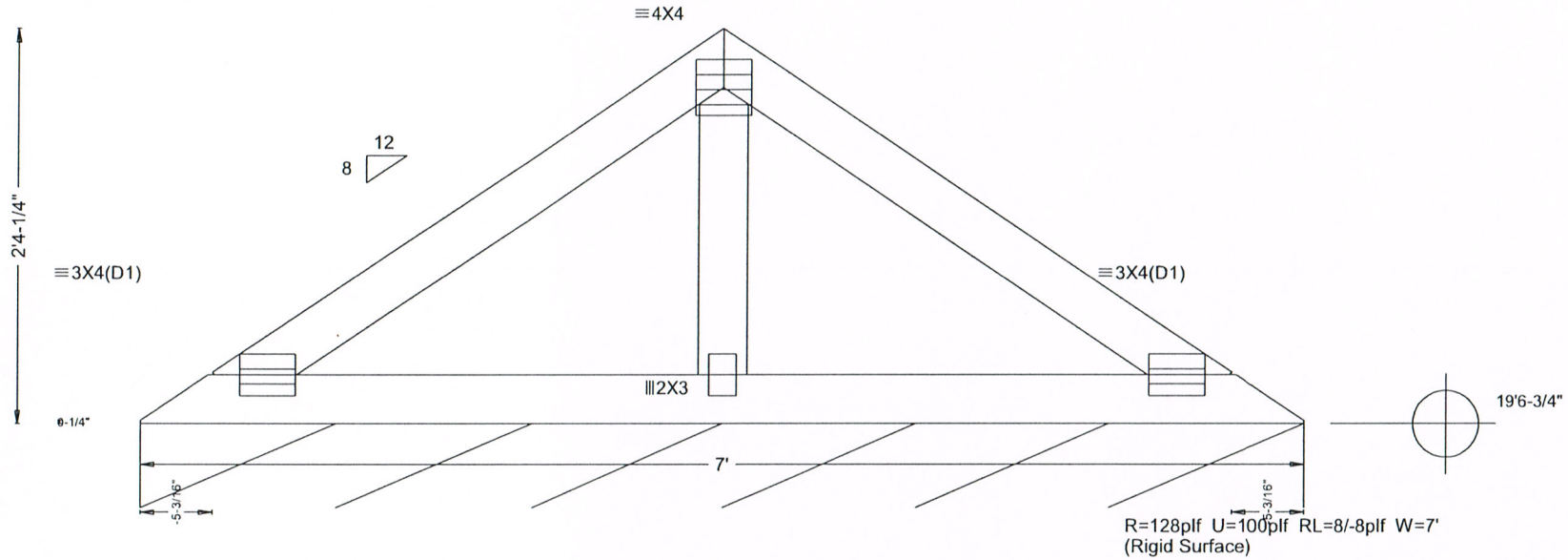
100 mph wind, 20.89 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

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



PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

QTY= 1 TOTAL= 1

REV. 10.03.11.0209.20

SEQ = 387050
SCALE =1.0000

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

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.	7
JOB #:	HLY13477
TYPE	VAL

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

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

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

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

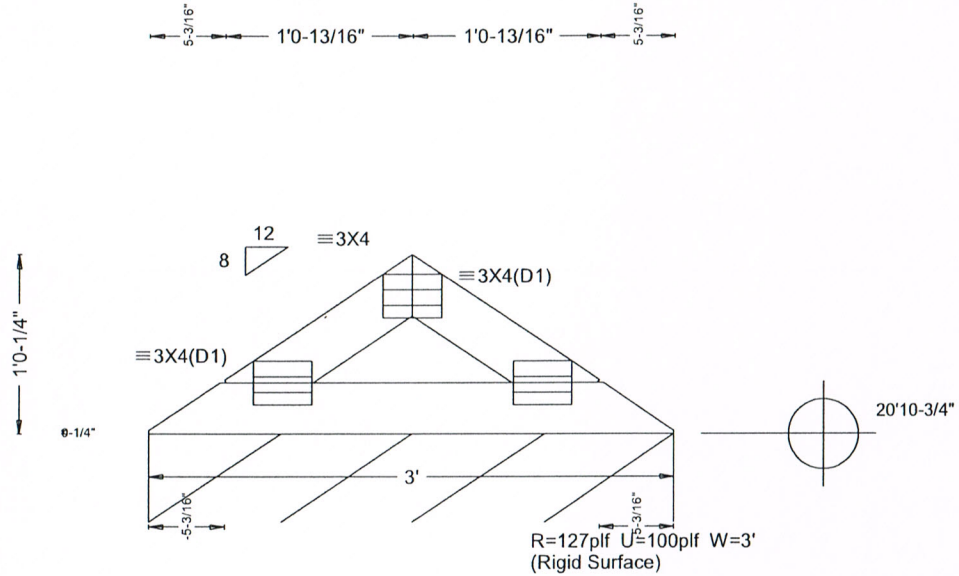
Truss designed for unbalanced snow load based on Pg=60.00 psf, Ct=1.10, Ce=1.00, CAT II & Pf=46.20 psf.

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.

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.



PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

QTY= 1 TOTAL= 1

REV. 10.03.11.0209.20

SEQ = 387051
SCALE =1.0000

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

TC LL	46.3psf	REF	
TC DL	7.0psf	DATE	04-02-2013
BC DL	10.0psf	DRWG	SJL
BC LL	0.0psf		
TOT.LD.	63.3psf	O/A LEN.	3
DUR.FAC.	1.15	JOB #:	HLY13477
SPACING	24.0"	TYPE	VAL

Job:(HLY13477) / 3C1

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

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.

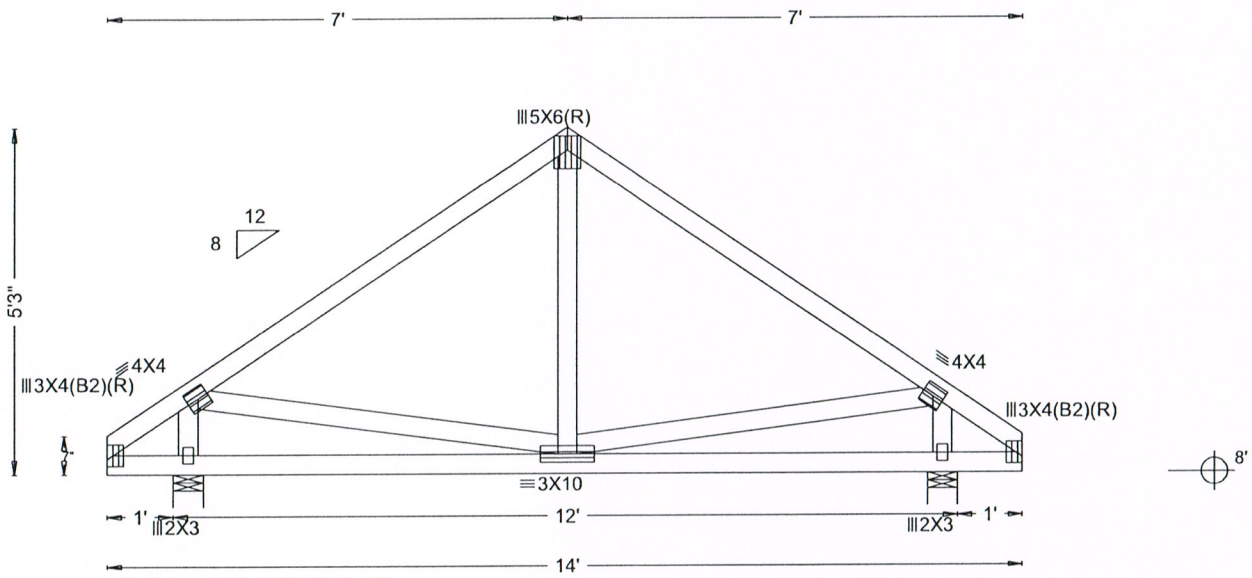
100 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

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



R=905# U=113# RL=127/-127# W=5-1/2"
(Rigid Surface)

R=905# U=113# W=5-1/2"
(Rigid Surface)

PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

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

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.	14
JOB #:	HLY13477
TYPE	COMN

Job:(HLY13477) / 3C1G

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

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.

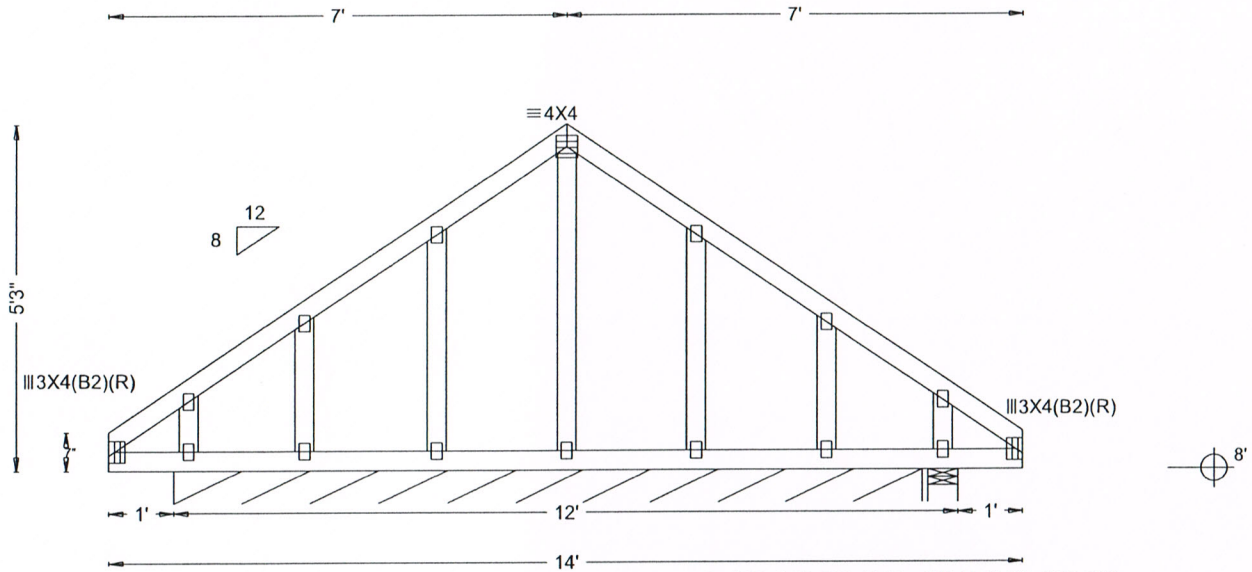
100 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=4.2 psf.

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



PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=10%(0%)/10(0)

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

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.	14
JOB #:	HLY13477
TYPE	COMN