Job:(HLW16958) Wayne Hymer / T1

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

Inspections Division
Date: 04/22/14

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

MAX CSI: TC = 0.47, BC = 0.85, WEBS = 0.76.

Calculated vertical deflection is 0.04" due to live load at X = 9-0-0 and 0.06" due to total load at X = 9-0-0. 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 T
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.

R=1272# U=164# RL=199/-199# W=5-1/2"
(Rigid Surface)

R=1272# U=164# W=5-1/2"
(Rigid Surface)

LEFT RAKE = 1'2-7/16"

RIGHT RAKE = 1'2-7/16"

PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=20%(0%)/10(0)

QTY= 17 TOTAL= 17

REV. 13.02.07.0228.14

SEQ = 511786
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 | 46.0psf | REF | |
| TC DL | 7.0psf | DATE | 04-07-2014 |
| BC DL | 10.0psf | DRWG | |
| BC LL | 0.0psf | | SJL |
| TOT.LD. | 63.0psf | O/A LEN. | 18 |
| DUR.FAC. | 1.15 | JOB #: | HLW16958 |
| SPACING | 24.0" | TYPE | COMN |

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

Inspections Division
Date: 04/22/14

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

MAX CSI: TC = 0.18, BC = 0.10, WEBS = 0.00.

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 2.00 PSF. Top chord must not be cut or notched.

Calculated vertical deflection is -0.00" due to live load at X = 0-0-0 and -0.00" 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.

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 T
wind BC DL=4.2 psf.

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

See DWGS A10015050109, GBLLETIN0212, & GABRST050109 for more requirements.

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.

Fasten rated sheathing to one face of this frame.

R=165plf U=100plf RL=22/-22plf W=10'
(Rigid Surface)

R=176plf U=100plf W=8'
(Rigid Surface)

LEFT RAKE = 1'2-7/16"

RIGHT RAKE = 1'2-7/16"

PLT. TYP.-WAVE

DESIGN CRIT=IRC2009/TPI-2007 FT/RT=20%(0%)/10(0)

QTY= 2 TOTAL= 2

REV. 13.02.07.0228.14

SEQ = 511795
SCALE =0.2500

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| | | | |
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| TC LL | 46.0psf | REF | |
| TC DL | 7.0psf | DATE | 04-07-2014 |
| BC DL | 10.0psf | DRWG | |
| BC LL | 0.0psf | | SJL |
| TOT.LD. | 63.0psf | O/A LEN. | 18 |
| DUR.FAC. | 1.15 | JOB #: | HLW16958 |
| SPACING | 24.0" | TYPE | GABL |