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QUOTE		DATE/TIME	08/04/17 09:49:15	
QUOTE TO	SHIP TO	HAMMOND PORTLAND	PAGE	1 of 1
		300 RIVERSIDE STREET	MT ORDER #	
		PORTLAND, ME 04103	MT QUOTE #	B172550
		PHONE: (207) 771-8880	MT CONTACT	JUSTIN HARKINS
		FAX: (207) 771-8882	ORDER DATE	
			CUSTOMER PO #	
			ORDERED BY	MARC FISHER
			mfisher@hammondlumber.com	
			JOB NAME:	
			ROHANI	
	LAYOUT REQUIRED			

**OFFICE USE ONLY:**

**MISC. JOB NOTES:**

1. TRUSSES IN THIS QUOTE HAVE BEEN PREPARED USING THE IRC2009/TPI2007 BUILDING CODE USING 60 PSF GROUND SNOW LOAD FOR A HEATED SPACE (1.1 Ct). REDUCTIONS ALLOWED BY CODE HAVE BEEN TAKEN.
2. TRUSSES HAVE BEEN DESIGNED WITH A 14" RAISED ENERGY HEEL.

**ROOF TRUSSES**

PROFILE	ID	QTY	PLY	LENGTH	BRG SPAN	PITCH		OVERHANG		CANTILEVER		SPC	PRICE	
						TOP	BOT	LEFT	RIGHT	LEFT	RIGHT		UNIT	EXTENDED
	T01	15		24-00-00		8.00		01-00-00	01-00-00			24.0		
	T01GE	2		24-00-00		8.00		01-00-00	01-00-00			24.0		

QUANTITY AND SPEC CHANGES MAY AFFECT PRICING. WEB PATTERN MAY VARY FROM TRUSS PROFILE SHOWN. MAINLY TRUSSES IS NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS. PRICES VALID FOR 7 DAYS.

DELIVERY COSTS FOR THIS PROJECT ARE BASED ON THE DESTINATION LISTED ON THIS DOCUMENT. LOCATION CHANGES OR SPECIAL TRUCK REQUESTS MAY AFFECT THE DELIVERY FEE FOR THIS PROJECT. SHOULD YOU HAVE ANY QUESTIONS OR REQUIRE ANY CHANGES, PLEASE CONTACT THE MT REPRESENTATIVE LISTED ON THIS FORM.

PLEASE CALL FOR CURRENT LEADTIME FOR YOUR SPECIFIC PROJECT.

ROOF SUB-TOTAL	
FLOOR SUB-TOTAL	
ITEMS SUB-TOTAL	
GRAND TOTAL	

MT ORDER #

Job B172560	Truss T01	Truss Type FINX	Qty 15	Ply 1	ROHAKI
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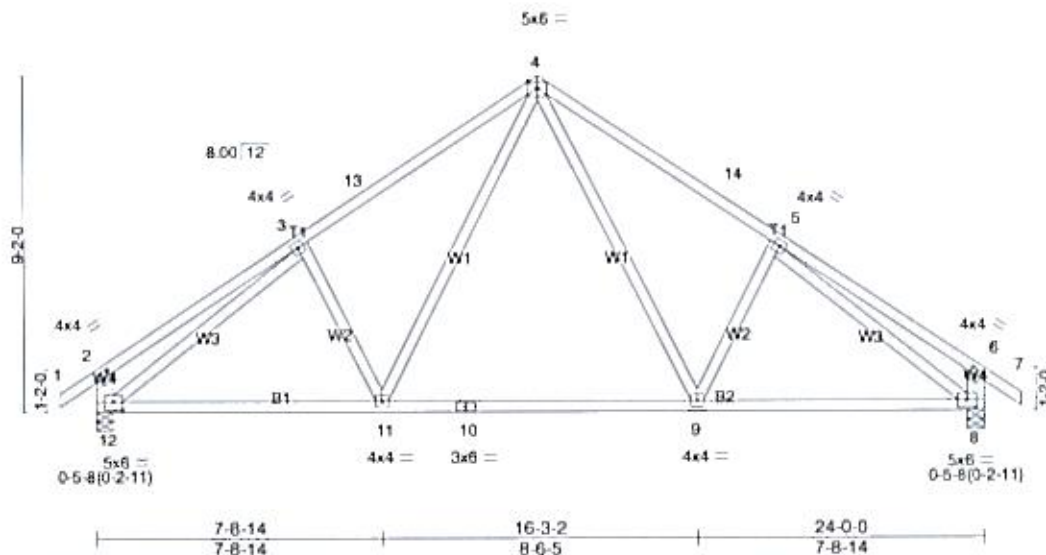
Mainely Trusses, Inc., Fairfield, ME, Justin Harkins

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ID: k1RAUbx3WC\_8nRHUFFzjo8yKHBz-2GnnPBEGFglLiT9Xc7fzwigWkC094EYbcjQu2yHBT

-1-0-0	5-7-4	12-0-0	18-4-12	24-0-0	25-0-0
1-0-0	5-7-4	6-4-12	6-4-12	5-7-4	1-0-0

Scale = 1:50.7



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	46.2	2-0-0	Plate Grip DOL	1.15	TC	0.79	in (loc)	l/def	L/d	MT20	197/144
(Ground Snow=60.0)		Lumber DOL	1.15	BC	0.53	Vert(LL)	-0.08	9-11	>999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.78	Vert(TL)	-0.23	9-11	>999		
BCLL	0.0	Code IRC2009/TPI2007		Matrix-SH		Horz(TL)	0.06	8	n/a		
BCDL	10.0									Weight: 114 lb	FT = 20%

<b>LUMBER-</b>	<b>BRACING-</b>
TOP CHORD 2x4 SPF 2100F 1.8E	TOP CHORD Structural wood sheathing directly applied or 3-4-13 oc purins, except end verticals.
BOT CHORD 2x4 SPF No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPF No.2 *Except*	
W4: 2x6 SPF No.2, W3: 2x4 SPF 2100F 1.8E	

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

**REACTIONS.** (lb/size) 12=1697/0-5-8, 8=1697/0-5-8  
 Max Horz 12=-365(LC 5)  
 Max Uplift 12=-372(LC 7), 8=-372(LC 8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 2-3=-418/210, 3-13=-1772/450, 4-13=-1559/477, 4-14=-1559/477, 5-14=-1772/450,  
 5-6=-418/210, 2-12=-561/286, 6-8=-561/286  
 BOT CHORD 11-12=-304/1469, 10-11=-73/1045, 9-10=-73/1045, 8-9=-185/1469  
 WEBS 3-11=-509/338, 4-11=-224/693, 4-9=-224/693, 5-9=-509/338, 3-12=-1678/223,  
 5-8=-1678/223

- NOTES-**
- 1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
  - 2) TCLL: ASCE 7-05; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
  - 3) Roof design snow load has been reduced to account for slope.
  - 4) Unbalanced snow loads have been considered for this design.
  - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
  - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 7) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at j(s) 12 and 8. This connection is for uplift only and does not consider lateral forces.
  - 8) This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

**LOAD CASE(S)** Standard





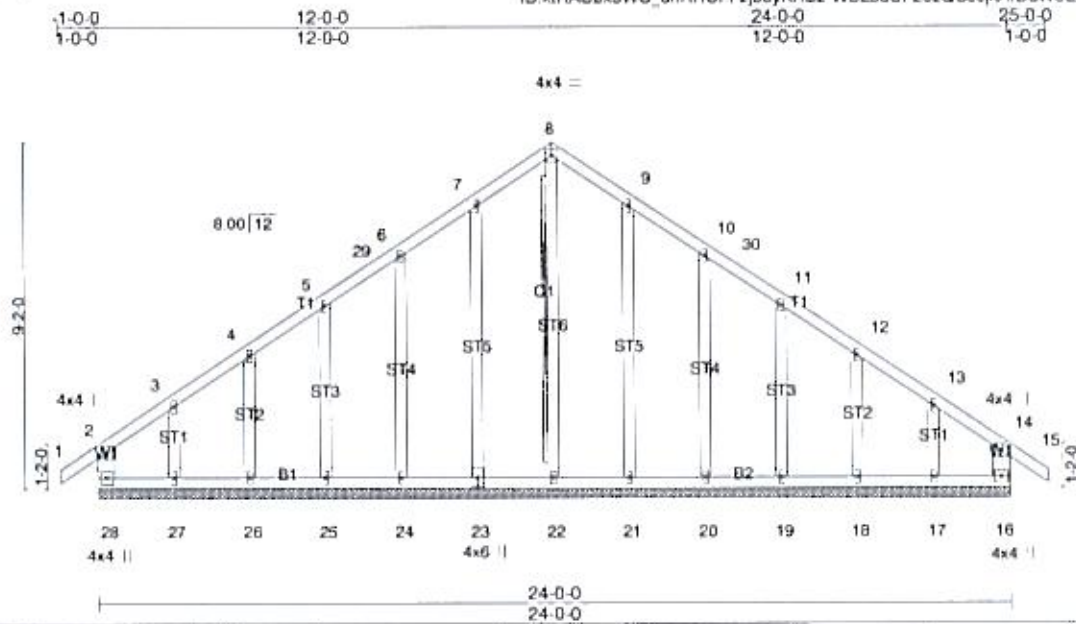
Job B172560	Truss T01GE	Truss Type GABLE	Qty 2	Ply 1	ROFAR1
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ID: kRAUbx3WC\_BnRHUFFzjoBjyKHBz-WSLbdUF20zGCJcKArDuW8EOxk30ue6-qGTzQUyHBS

Job Reference (optional)

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Scale = 1:58.1

<b>LOADING (psf)</b>	<b>SPACING-</b>	<b>CSI.</b>	<b>DEFL.</b>	<b>PLATES</b>	<b>GRIP</b>
TCLL 46.2 (Ground Snow=60.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2009/TPI2007	TC 0.11 BC 0.12 WB 0.35 Matrix-R	in (loc) l/def L/d Vert(LL) -0.01 15 n/r 180 Vert(TL) -0.01 15 n/r 60 Horz(TL) 0.01 16 n/a n/a Wind(LL) 0.00 15 n/r 120	MT20	197/144
TCDL 10.0				Weight: 129 lb	FT = 20%
BCLL 0.0					
BCDL 10.0					

**LUMBER-**  
TOP CHORD 2x4 SPF 2100F 1.8E  
BOT CHORD 2x4 SPF No 2  
WEBS 2x6 SPF No 2  
OTHERS 2x4 SPF No 2

**BRACING-**  
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.  
WEBS T-Brace: 2x4 SPF No 2 - 8-22  
Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c. with 3in minimum end distance.  
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

**REACTIONS.** All bearings 24-0-0.  
(b) - Max Horz 28=-365(LC 5)  
Max Uplift All uplift 100 lb or less at joint(s) 23, 26, 21, 18 except 28=-228(LC 5), 16=-164(LC 6), 24=-115(LC 7), 25=-111(LC 7), 27=-232(LC 6), 20=-115(LC 8), 19=-110(LC 8), 17=-192(LC 5)  
Max Grav All reactions 250 lb or less at joint(s) 27, 17 except 28=279(LC 2), 16=279(LC 3), 22=328(LC 8), 23=393(LC 2), 24=342(LC 2), 25=264(LC 2), 26=275(LC 2), 21=393(LC 3), 20=342(LC 3), 19=264(LC 3), 18=275(LC 3)

**FORCES.** (b) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 2-3=-254/243, 6-29=-34/251, 6-7=-80/313, 7-8=-94/360, 8-9=-94/350, 9-10=-80/288, 2-28=-256/190, 14-16=-256/138  
WEBS 8-22=-304/0, 7-23=-353/118, 6-24=-302/139, 9-21=-353/117, 10-20=-302/140

- NOTES-**
- 1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
  - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
  - 3) TCLL: ASCE 7-05; Pg=60.0 psf (ground snow); Ps=46.2 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
  - 4) Roof design snow load has been reduced to account for slope.
  - 5) Unbalanced snow loads have been considered for this design.
  - 6) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
  - 7) All plates are 1.5x4 MT20 unless otherwise indicated.
  - 8) Gable requires continuous bottom chord bearing.
  - 9) Truss to be fully sheathed on one face or securely braced against lateral movement (i.e. diagonal web).
  - 10) Gable studs spaced at 2-0-0 oc.
  - 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 23, 26, 21, 18 except (j)=b) 28=228, 16=164, 24=115, 25=111, 27=232, 20=115, 19=110, 17=192.
  - 13) This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R602.10.2 and referenced standard ANSI/TPI 1.
  - 14) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	ROMAN
B172550	T01GE	GABLE	2	1	Job Reference (optional)

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ID:ktRAUbx3WC\_BnRHUFFzpoByKHBz-WSL9dUF20zQCJcJArdUWBE0k30ueBiqGTzQUyHBS

**LOAD CASE(S)** Standard

