MAINELY TRUSSES
P.O. Box 377 Fairfield, ME 04937 www.mainelytrusses.com
800-773-4911
207-453-4911 Telephone
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The peak of service and quality since 1991

QUOTE

DATE/TIME	08/04/17 09:49:15
PAGE	1 of 1
MT ORDER #	
MT QUOTE #	B172550
MT CONTACT	JUSTIN HARKINS
ORDER DATE	
CUSTOMER PO #	
ORDERED BY	MARC FISHER
mfisher@hammondlumber.com	
JOB NAME:	ROHANI
LAYOUT REQUIRED	

QUOTE TO: HAMMOND PORTLAND
300 RIVERSIDE STREET
PORTLAND, ME 04103
PHONE: (207) 771-8880
FAX: (207) 771-8882

SHIP TO: SCARBOROUGH, ME

OFFICE USE ONLY:

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 08/24/17

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 TOP	PITCH BOT	OVERHANG LEFT	OVERHANG RIGHT	CANTILEVER LEFT	CANTILEVER RIGHT		SPC	PRICE UNIT	PRICE 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. MAINELY 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 #

ROOF CUSTOM

Job	Truss	Truss Type	Qty	Ply	ROHAN
B172560	T01	FINK	15	1	Job Reference (optional)

Mainely Trusses, Inc., Fairfield, ME, Justin Harkins

8.100 s Jan 17 2017 MiTek Industries, Inc. Fri Aug 04 09:50:24
ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-2GnnPBEQFgILiT9Xc7ifzwigWKoQ94EYI

Plate Offsets (X,Y)-- [2:0-2-0,0-1-12], [6:0-2-0,0-1-12], [8:0-3-0,0-2-12], [12:0-3-0,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	46.2	Plate Grip DOL	1.15	TC	0.79	Vert(LL)	-0.08	9-11	>999	240	MT20	197/144
(Ground Snow=60.0)		Lumber DOL	1.15	BC	0.53	Vert(TL)	-0.23	9-11	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.78	Horz(TL)	0.06	8	n/a	n/a		
BCLL	0.0	Code IRC2009/TPI2007		Matrix-SH							Weight: 114 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF 2100F 1.8E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W4: 2x6 SPF No.2, W3: 2x4 SPF 2100F 1.8E

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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 jt(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

MAINELY TRUSSES
Engineered Truss Systems

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

Mainely Trusses, Inc., Fairfield, ME, Justin Harkins

8.100 s Jan 17 2017 MiTek Industries, Inc. Fri Aug 04 09:50:25
ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-WSL9dUF20zQCJcjkArDuW8EOxk30ueBqC

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Scale = 1:36.1

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	46.2	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.01	15	n/r	180	MT20	197/144
(Ground Snow=60.0)		Lumber DOL	1.15	BC	0.12	Vert(TL)	-0.01	15	n/r	60		
TCDL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.01	16	n/a	n/a		
BCLL	0.0	Code IRC2009/TPI2007		Matrix-R		Wind(LL)	0.00	15	n/r	120	Weight: 129 lb	FT = 20%
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 purlins, 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.
(lb) - 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. (lb) - 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 from 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 (jt=lb) 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 R802.10.2 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

MAINELY TRUSSES
Engineered Truss Systems

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

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LOAD CASE(S) Standard

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