Job	Truss	Truss Type	Qty	Ply
653898	001	CATHEDRAL	13	1

Job Reference (optional)

Boise Structural Solutions, Biddeford, ME 04005, norm hord

7.430 s Jul 25 2013 MiTek Industries
ID:UUN8dobd20hKvXSreiYNApyXW2s-cQFJprxiUx?oBba?

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/21/13

Plate Offsets (X,Y): [1:Edge,0-0-2], [5:0-5-8,0-3-0], [9:0-0-0,0-0-2], [10:0-5-0,0-2-8], [14:0-5-0,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	46.2	Plates Increase	1.15	TC	0.85	Vert(LL)	-0.23	12-13	>999	240	MT20	169/123
(Ground Snow=60.0)		Lumber Increase	1.15	BC	0.50	Vert(TL)	-0.40	12-13	>748	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.32	10	n/a	n/a		
BCLL	0.0 *	Code IBC2009/TPI2007		(Matrix)							Weight: 108 lb	FT = 0%
BCDL	10.0											

LUMBER

TOP CHORD 2x4 SPF 1650F 1.5E *Except*
T1,T4: 2x4 SPF-S No.2
BOT CHORD 2x4 SPF 1650F 1.5E *Except*
B1,B4: 2x4 SPF-S No.2
WEBS 2x4 SPF-S No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-2-7 oc bracing.

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

REACTIONS (lb/size) 14=1854/0-5-8 (min. 0-3-11), 10=1854/0-5-8 (min. 0-3-11)
Max Horz 14=-569(LC 6)
Max Uplift14=-631(LC 8), 10=-631(LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 1-2=-264/67, 2-3=-3186/839, 3-15=-3081/846, 15-16=-2988/855, 4-16=-2826/877, 4-17=-2613/688, 17-18=-2419/706, 5-18=-2409/726, 5-19=-2409/726, 19-20=-2419/706, 6-20=-2613/688, 6-21=-2826/877, 21-22=-2988/855, 7-22=-3081/846, 7-8=-3186/839, 8-9=-264/68
BOT CHORD 1-14=-124/310, 13-14=-617/658, 12-13=-772/2643, 11-12=-531/2643, 9-10=-124/310
WEBS 5-12=-405/1973, 6-12=-661/513, 6-11=-312/179, 8-11=-548/2449, 8-10=-1749/748, 4-12=-661/432, 4-13=-312/179, 2-13=-548/2449, 2-14=-1749/752

NOTES (8)

1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 11-0-0, Exterior(2) 11-0-0 to 14-0-0, Interior(1) 17-0-0 to 25-0-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pg= 60.0 psf (ground snow); Pf=46.2 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 631 lb uplift at joint 14 and 631 lb uplift at joint 10.
7) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
8) Drawing prepared exclusively for manufacturing by Boise Structural Solutions

LOAD CASE(S) Standard

Quote Agility#: Quote#: 653808

Boise Cascade
Boise Building Materials Distribution
Boise Structural Solutions

20 Pomerleau St.
Biddeford, Me 04005
Tel: 877-291-5276
Fax: 877-782-0999

Customer: MEGO00 - PHINNEY LUMBER COMPANY - ENAP 0138
519 FORT HILL ROAD
GORHAM, ME04038
Contact: MICHAEL FRANCK
Email: mikelum@maine.rr.com
Phone: (207)-8393336 Fax: (207)-8392409

Job Name: YO TONY
PORTLAND, ME
899-5357

CITY OF PORTLAND, MAINE — RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/21/13

Prepared By:	Date Quoted:	Delivery Date:	Last Revised:	Price Protected Until:
NORMAND EXT 2753	10/21/2013			10/28/2013

ROOF TRUSSES Designed per: IBC2009/TPI2007 Code.

PROFILE	LBL	QTY / PLY	OVRALL LGTH / WEIGHT	NET SPAN	PITCH TOP	PITCH BOT	TYPE	SPC	OVERHANG LEFT	OVERHANG RIGHT	CUT	LOADING TLL-TDL-BLL-BDL / Heel Height Left	Heel Height Right	CANTILEVER LEFT	CANTILEVER RIGHT	BRG SIZE LEFT	BRG SIZE RIGHT		
A653808-0001	001	13	28-00-00	26-00-00	8.00	4.00	CATHEDRAL	24	00-00-00	00-00-00	P	46.2-10-0-10 Grnd Snow=60		01-00-00	01-00-00	00-05-08	00-05-08	$158.75C	
		1	107 lbs									00-06-00	00-06-00			BRG#:	2		

Total Weight: 1391 lbs

Quote Source: VERBAL

Job Notes To Customer:
6" HEEL AND 12" CANT = 14" AT FACE OF BEARING

Plan Date:

Special Instructions For Design:

SUB-TOTAL:	
DISCOUNTS:	
GRAND TOTAL:	

****** QUANTITY CHANGES WILL EFFECT PRICES* MAXIMUM UNLOADING TIME IS 1 HOUR* TRUSS SYMBOLS CONCEPTUAL ONLY NOT FOR DESIGN**
****** ALL TRUSSES ARE CUSTOM BUILT AND CANNOT BE RETURNED**
UNLESS SPECIFICALLY NOTED ON THIS QUOTE PRICE DOES NOT INCLUDE:
TREATED LUMBER, SEALED LAYOUTS, BRACING AND / OR HANDLING DRAWINGS
METAL HARDWARE, ENGINEERED LUMBER (LVL,I-JOISTS, ETC.)

ONTO THE FALL BUILDING SEASON! LEAD TIMES TWO WEEKS OR LESS TO SERVE YOU AND YOUR CUSTOMERS.

Report Date/Time: 10/21/2013 3:39:12 PM

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Fax (207) 839-2409

RESURGAM. CITY OF PORTLAND, MAINE

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/21/13

CUSTOMER NO.	JOB NO	PURCHASE ORDER NO	SELL CODE	TERMS			
100040				CASH/CHECK/BANKCARD	6	11/ 6/13	7:32

SOLD TO

CASH ON DELIVERY
COD
DRIVER MUST COLLECT

ANTHONY NAPOLIGTANO
anthonynap@myfairpiont.net
899-5357

EXP. DATE: 11/ 7/13
TERM# 55

DOC# 490808
****
* ESTIMATE *
****

TAX : ME MAINE STATE TAX EST. 490808

SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/UM	EXTENSION
	1	EA	NS	MISC SHEETROCK ACCESSORIES ALLOW	1	200.00 /EA	200.00
	14	EA	623K	6X23 KRAFT R19 75.07 SQFT 39'2"	14	29.49 /EA	412.86
	14	EA	623U	6X23UNF R19 75.07 SQFT	14	31.70 /EA	443.80
	40	EA	PROP	RAFT-R-MATE(PROPER VENT)24" WIDE	40	1.70 /EA	68.00

** ESTIMATE ** ESTIMATE ** ESTIMATE ** ESTIMATE **

TAXABLE	8442.17
NON-TAXABLE	0.00
SUBTOTAL	8442.17
TAX AMOUNT	464.32
TOTAL AMOUNT	8906.49

BY X

TREATED LUMBER • ENGINEERED LUMBER • ROOF TRUSSES • PLYWOOD
WINDOWS • WOOD PANELING • WOOD & STEEL DOORS • INSULATION • [illegible]

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CITY OF PORTLAND, MAINE — RESURGAM

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CUSTOMER NO	JOB NO	PURCHASE ORDER NO	REFERENCE	TERMS			
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ANTHONY NAPOLIGTANO
anthonynap@myfairpiont.net
899-5357

EXP. DATE: 11/ 7/13
TERM# 55

DOC# 490808
****
* ESTIMATE *
****
EST. 490808

TAX : ME MAINE STATE TAX

SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/UNIT	EXTENSION
	13	EA	NS	S268 SCISSOR TRUSSES	13	158.75 /EA	2,063.75
	26	EA	H-1	HURRICANE TIE	26	1.07 /EA	27.82
	52	EA	TSB	TRUSS SPACER/BRACER 24"	52	3.15 /EA	163.80
	30	EA	2416KS	2X4X16 KD SPRUCE	30	6.666/EA	199.98
	30	EA	248KS	2X4X8 KD SPRUCE	30	3.24 /EA	97.20
	8	EA	2410KS	2X4X10 KD SPRUCE	8	4.066/EA	32.53
	~~4~~	~~EA~~	~~FELT~~	~~15# FELT 432SF ROLL~~	4	19.99 /EA	79.96
	~~3~~	~~EA~~	~~ICEWATSH~~	~~GRACE ICE&WATER SHLD 3' X 66.67'~~	3	140.00 /EA	420.00
	~~48~~	~~BN~~	~~DUPLCA~~	~~DUAL BLACK IKO CAMBRIDGE LT~~	48	35.99 /BN	1,727.52
	~~4~~	~~BN~~	~~DUPLRS~~	~~DUAL BLACK MARATHON ULTRA~~	4	35.99 /BN	143.96
	~~1~~	~~EA~~	~~ROLVEN50~~	~~50' ROOF ROLL VENT~~	1	91.49 /EA	91.49
	~~18~~	~~EA~~	~~8GALW~~	~~8" WHITE GALV DRIP EDGE~~	18	5.01 /EA	90.18
	~~180~~	~~LF~~	~~182P~~	~~1X8 #3&BTR SQED LINFT~~	180	.85 /LF	153.00
	~~180~~	~~LF~~	~~142P~~	~~1X4 #3&BTR SQED LINFT~~	180	.55 /LF	99.00
	6	EA	12AC	4X8 1/2 AC UL-RATED	6	36.47 /EA	218.82
	10	EA	8USOF	8FT "U" SOFFIT VENT WHITE	10	2.68 /EA	26.80
	1	EA	NS	MISC NAILS AND HARDWARE ALLOW	1	500.00 /EA	500.00
	100	EA	13410	1X3X10' SPRUCE STRAPPING	100	1.60 /EA	160.00
	1	EA	NS	MISC GABLE FINISH ALLOW	1	500.00 /EA	500.00
	30	EA	41212SR	4X12 1/2 SHEET ROCK	30	17.39 /EA	521.70

Delete

CONT'D

BY X

PLEASE [illegible]