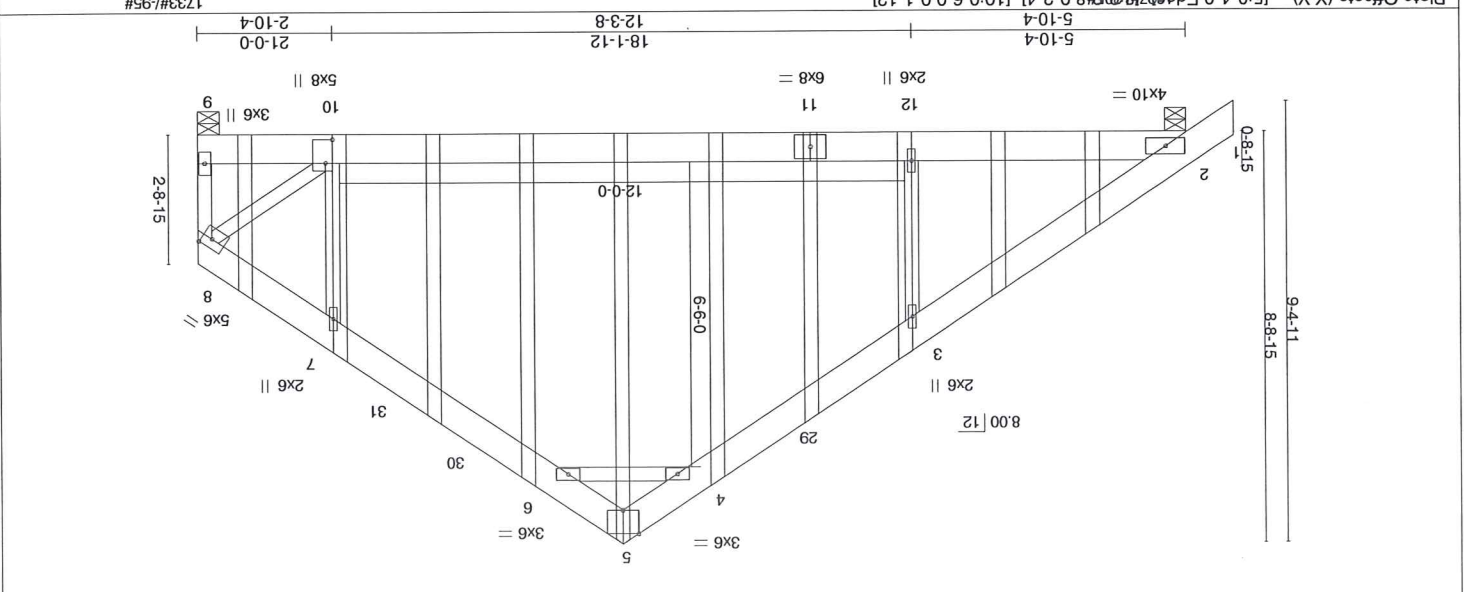


Job	Truss	004	GESTR	1	Mooney/Great Diamond PD, ME
668554					

Boise Cascade, Bidderdorf, ME 04005
 ID: X47zpkpbq?XSHW7OnNzJzJbE-fjknQL7qDLTud3IT7EL8svU?o49rxobikbgw5zCGQx
 7 610 Jan 29 2015 Mittek Industries, Inc. Wed May 27 15:53:38 2015 Page 1
 1 A PMT E125993 5/6/2015 8:09:09 AM Job Reference (optional)



LOADING (psf)	SPACING-	CSI	DEFL.	DEFL. in (loc)	L/D	PLATES	GRIP	Weight: 216 lb FT = 0%
46.2	2-0-0	0.46	0.35	10-12	240	MT20	169/123	
10.0	1.15	0.47	0.62	10-12	180			
10.0	1.15	0.53	0.02	9	n/a			
0.0	Code IBC2009/FP12007	(Matrix)	Attic	-0.21	10-12	360		

LUMBER-	BRACING-	OTHERS
TOP CHORD 2x8 SP M 23	TOP CHORD	2x4 SPF-S No.2
BOT CHORD 2x8 SP M 23	BOT CHORD	2x4 SPF-S No.2 *except*
WEBS		WS: 2x4 SPF 1650F 1.5E
		2x4 SPF-S No.2

REACTIONS. (lb/size) 2=1647/0-5-8 (min. 0-1-8), 9=1550/0-5-8 (min. 0-1-8)
 Max Horiz=342(LC 8)
 Max Uplift=205(LC 9), 9=95(LC 10)
 Max Grav=1697(LC 2), 9=1733(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 2-3=-2020/100, 3-29=-1406/257, 4-29=-1176/286, 4-5=-36/940, 5-6=-24/831,
 6-30=-1275/298, 30-31=-1330/273, 7-31=-1505/257, 7-8=-1812/124, 8-9=-2304/140
 2-12=-63/1337, 11-12=-62/1340, 10-11=-62/1340
 4-6=-2372/394, 3-12=0/826, 7-10=-335/694, 8-10=-68/1683

NOTES- (15)
 (1) Wind: ASCE 7-05; 100mph; TCCL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 9-0-0, Corner(3) 9-0-0 to 12-0-0, Exterior(2) 15-0-0 to 17-1-0-8 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) TCCL: ASCE 7-05; Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow); Category II; Exp C; Partially Exp.; Cf=1.1
 (3) Unbalanced snow loads have been considered for this design.
 (4) This truss has been designed for greater or 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.
 (5) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 (6) The solid section of the plate is required to be placed over the splice line at joint(s) 11.
 (7) Plate(s) at joint(s) 11 checked for a plus or minus 2 degree rotation about its center.
 (8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 (9) * 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.
 (10) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-6; Wall dead load (5.0psf) on member(s). 3-12, 7-10
 (11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 10-12
 (12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9 except (t=lb) 2-205.
 (13) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TP1
 (14) Attic room checked for L/360 deflection.
 (15) Drawing prepared exclusively for Boise Cascade.

LOAD CASE(S) Standard