Job	Truss	Truss Type	Qty	Ply	
665528	003	Common	3	1	A_MCD_e127116_2/19/2015 2:08:48 PM Job Reference (optional)

Boise Cascade, Bideford, ME 04005, David Boschetti Run: 7.600 s Oct 3 2014 Print: 7.600 s Oct 3 2014 MiTek Industries, Inc. Thu Feb 19 14:22:04 2015 Page 1
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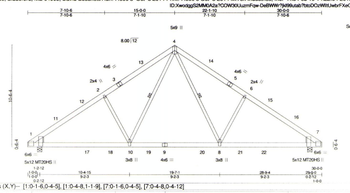


Plate Offsets (X,Y)-- [1:0-1-6,0-4-5], [1:0-4-8,1-1-9], [7:0-1-6,0-4-5], [7:0-4-8,0-4-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/def	L/d	PLATES	GRIP
TCLL	61.6	Plate Grip DOL	1.15	TC	0.93	Vert(LL)	-0.17	8-10	>999	240	MT20	169/123
(Ground Snow=80.0)		Lumber DOL	1.15	BC	0.74	Vert(TL)	-0.31	7-8	>999	180	MT20HS	148/108
TCDL	10.0	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.08	7	n/a	n/a		
BCLL	0.0 *	Code	IBC2006/TPI2007	(Matrix)							Weight: 155 lb	FT = 0%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SPF 1650F 1.5E
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF-S No.2
WEDGE
Left: 2x8 SP M 23, Right: 2x8 SP M 23

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-8, 4-10
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

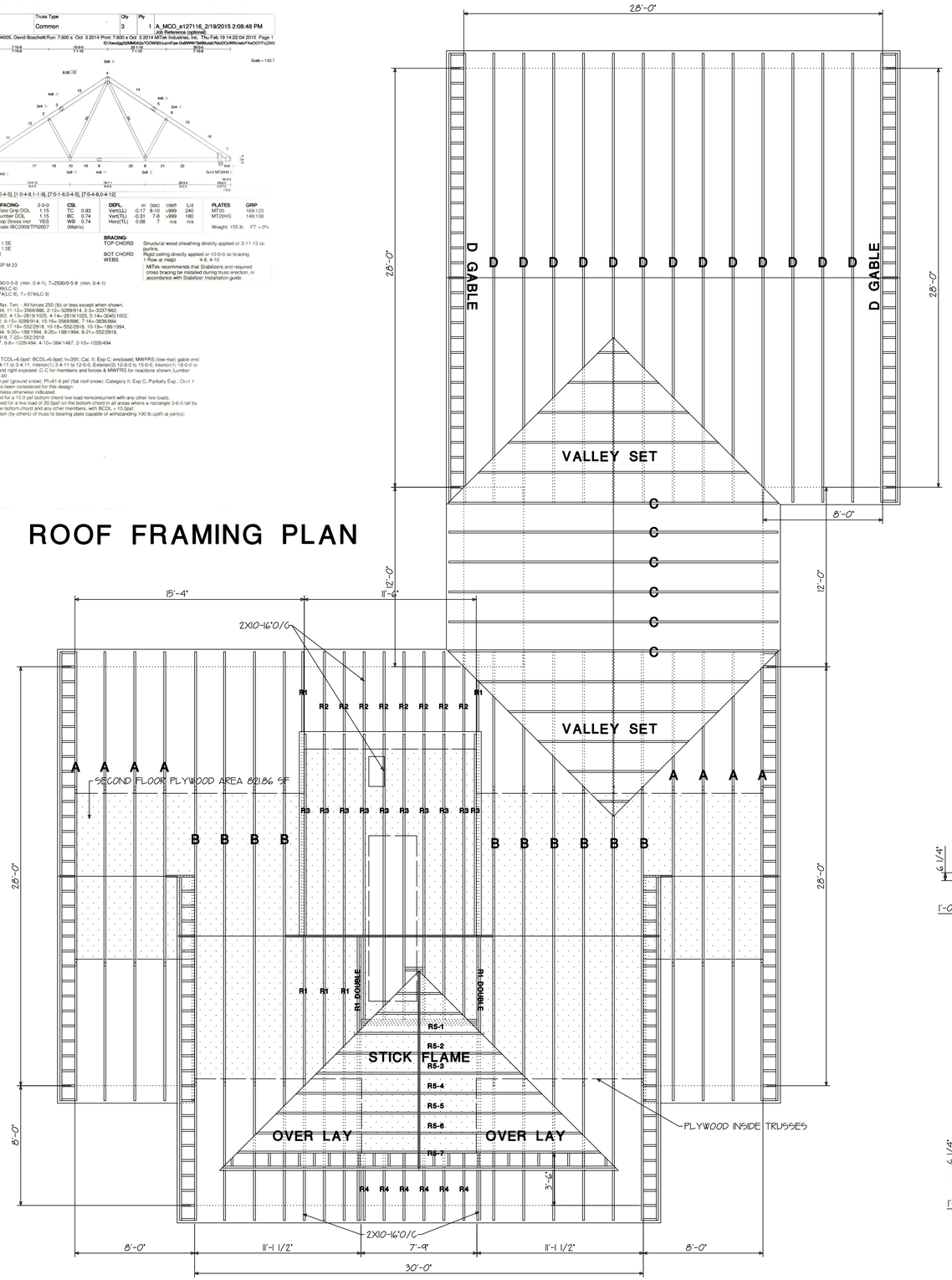
REACTIONS. (lb/size) 1=2590/0-5-8 (min. 0-4-1), 7=2590/0-5-8 (min. 0-4-1)
Max Horz 1=-596(LC 6)
Max Uplift1=-574(LC 8), 7=-574(LC 9)

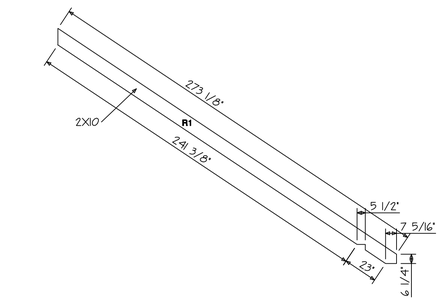
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-11=-3836/984, 11-12=-3569/886, 2-12=-3289/914, 2-3=-3337/982, 3-13=-3045/1002, 4-13=-2819/1025, 4-14=-2819/1025, 5-14=-3045/1002, 5-15=-3337/982, 15-16=-3289/914, 6-16=-3569/886, 7-16=-3836/984
BOT CHORD 1-17=-552/2918, 17-18=-552/2918, 18-19=-552/2918, 10-19=-188/1994, 9-19=-188/1994, 9-20=-188/1994, 8-20=-188/1994, 8-21=-552/2918, 21-22=-552/2918, 7-22=-552/2918
WEBS 4-8=-385/1467, 6-8=-1026/494, 4-10=-384/1467, 2-10=-1026/494

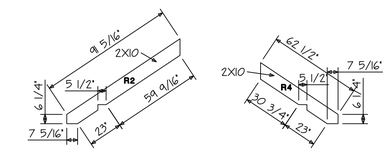
NOTES- (9)
1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) 0-4-11 to 3-4-11, Interior(1) 3-4-11 to 12-0-0, Exterior(2) 12-0-0 to 15-0-0, Interior(1) 18-0-0 to 26-7-5 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pg=80.0 psf (ground snow); Pf=61.6 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=574, 7=574.

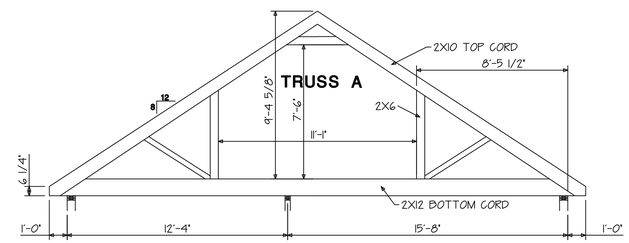
Continued on page 2

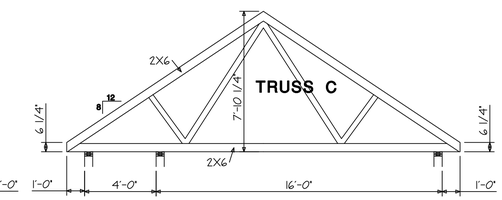
ROOF FRAMING PLAN

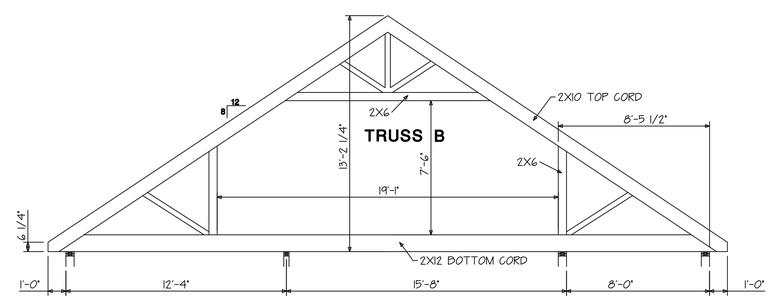


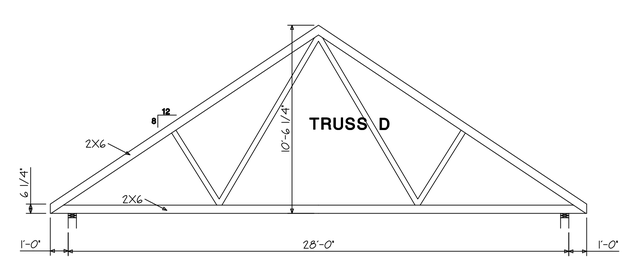












8' 0 4' 8' 16'

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Date: 03/31/15

MAINE RESIDENTIAL DESIGN	FILE NAME
CASCO, ME. 207-627-3362	A5 OF 9
JOB: MATT FLAHERTY VER 2	SCALE: 1/4"=1'-0" DATE: 2/18/2015
DISCIPTION: PRELIMINARY	DRAWN BY:MEJ APPROVED:

C:\General CADD 8\Gcd\Gnew2015\MATT FLAHERTY VER 10.gcd -- 03/30/2015 -- 03:19 PM -- Scale 1 : 48