Job	Truss	Truss Type	Qty	Ply	LAVENDIER DORMER FOR 060876
061912	T03	COMMON	4	1	Job Reference (optional)

Mainely Trusses, Inc., Fairfield, ME, JASON MARCHAND

8.100 s Jan 17 2017 MiTek Industries, Inc. Wed Dec
ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-RTqki3o1ca3e9IsgWcp5xC7

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/20/17

Plate Offsets (X,Y)-- [2:0-2-0,0-1-12], [4:0-2-0,0-1-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.6	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	-0.00	7	>999	240	MT20	197/144
(Ground Snow=60.0)		Lumber DOL	1.15	BC	0.07	Vert(TL)	-0.00	7	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.01	Horz(TL)	0.00	6	n/a	n/a		
BCLL	0.0	Code IRC2009/TPI2007		Matrix-R							Weight: 19 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

REACTIONS. (lb/size) 8=288/0-3-8 (min. 0-1-8), 6=288/0-3-8 (min. 0-1-8)
Max Horz 8=131(LC 6)
Max Uplift 8=-110(LC 7), 6=-110(LC 8)

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

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=35.6 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 12.0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=110, 6=110.
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	Truss	Truss Type	Qty	Ply	LAVENDIER DORMER FOR 060876
061912	V05	VALLEY	1	1	Job Reference (optional)

Mainely Trusses, Inc., Fairfield, ME, JASON MARCHAND

8.100 s Jan 17 2017 MiTek Industries, Inc. Wed Dec
ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-RTqki3o1ca3e9IsgWcp5xC7V

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/20/17

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.6	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	197/144
(Ground Snow=60.0)		Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	3	n/a	n/a		
BCLL	0.0	Code IRC2009/TPI2007		Matrix-P							Weight: 16 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-12 oc purlins.
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) 1=154/5-5-4 (min. 0-1-8), 3=154/5-5-4 (min. 0-1-8), 4=193/5-5-4 (min. 0-1-8)
Max Horz 1=-92(LC 5)
Max Uplift 1=-58(LC 8), 3=-58(LC 8), 4=-8(LC 7)

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

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=35.6 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 a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
7) Non Standard bearing condition. Review required.
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