

Job B169572 Truss T01 Truss Type FAN Qty 18 Ply 1 REQUIA/SPEC #4  
 Mainly Trusses, Inc., Fairfield, ME, Kenneth Lee  
 Job Reference (optional)  
 8.100 s Jan 17 2017 MiTek Industries, Inc. Wed Apr 26 09:16:39 2017 Page 1  
 ID: M0rolY137rU6i4ASsZSEGRy85ku-PmBRenfuvwk8VFEO\_BvahrqnmqRGlgARiHxS6BzMvF6  
 4-2-5 10-0-5 15-0-0 19-11-11 25-9-11 30-0-0  
 4-2-5 5-10-0 4-11-11 4-11-11 5-10-0 4-2-5  
 7.00 12 4 4x6  
 Scale = 1:70.8

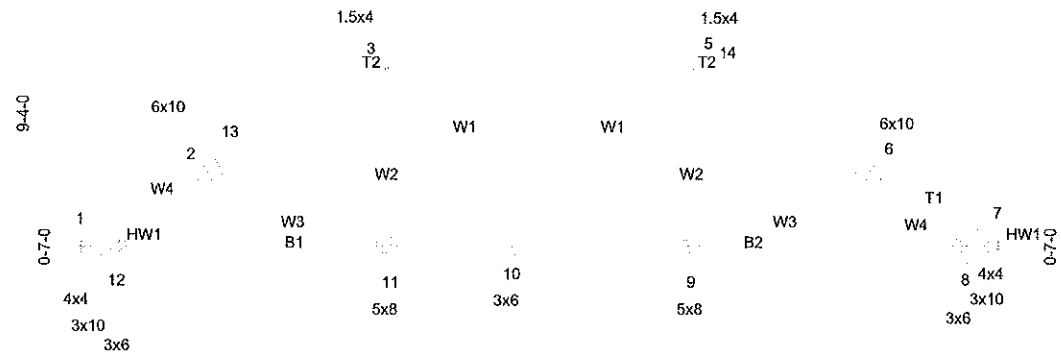


Plate Offsets (X,Y) - [1:0-0-0,0-1-8], [1:0-2-15,Edge], [4:0-3-0,0-1-4], [7:0-0-0,0-1-8], [7:0-2-15,Edge]  
 1-0-0 10-0-5 19-11-11 29-0-0 30-0-0  
 1-0-0 9-0-5 9-11-6 9-0-5 1-0-0  
**LOADING** (psf) **SPACING**- 2-0-0 **CSI** **DEFL.** in (loc) l/defl L/d **PLATES** **GRIP**  
 TCCL 46.2 Plate Grip DOL 1.15 TC 0.75 Veri(LL) -0.16 9-11 >999 240 MT20 197/144  
 (Ground Snow=60.0) Lumber DOL 1.15 BC 0.70 Veri(TL) -0.46 9-11 >732 180  
 TCDL 10.0 Rep Stress Incr YES WB 0.74 Horz(TL) 0.09 8 n/a n/a  
 BCCL 0.0 Code IRC2009/TPI2007 Matrix-S  
 BCDL 10.0 Weight: 135 lb FT = 20%

**LUMBER**- **BRACING**-  
 TOP CHORD 2x4 SPF No.2 TOP CHORD Structural wood sheathing directly applied or 2-5-8 oc purlins.  
 BOT CHORD 2x4 SPF No.2 BOT CHORD Rigid ceiling directly applied or 8-3-13 oc bracing.  
 WEBS 2x4 SPF No.2  
 WEDGE Left: 2x4 SPF No.2, Right: 2x4 SPF No.2  
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

**REACTIONS.** (lb/size) 12=1986/0-5-8 (min. 0-3-2), 8=1986/0-5-8 (min. 0-3-2)  
 Max Horz 12=-349(LC 5)  
 Max Uplift 12=-418(LC 7), 8=-418(LC 8)

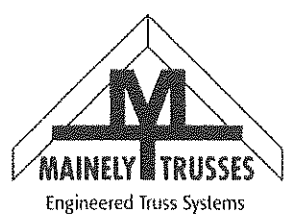
**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 1-2=-347/104, 2-13=-2363/464, 3-13=-2029/466, 3-4=-2360/667, 4-5=-2360/667,  
 5-14=-2029/466, 6-14=-2363/464, 6-7=-347/104  
 BOT CHORD 1-12=0/274, 11-12=-487/1947, 10-11=-133/1422, 9-10=-133/1422, 8-9=-346/1947,  
 7-8=0/274  
 WEBS 3-11=-845/357, 5-9=-845/356, 4-11=-363/1201, 4-9=-363/1201, 2-12=-2530/716,  
 6-8=-2530/715

- 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) TCDL: 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 a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 6) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at j(s) 12 and 8. This connection is for uplift only and does not consider lateral forces.
  - 7) 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)**

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-7=-20, 1-4=-112, 4-7=-112
- 2) Dead + Snow (Unbal. Left): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-7=-20, 1-13=-112, 4-13=-165, 4-7=-48
- 3) Dead + Snow (Unbal. Right): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-7=-20, 1-4=-48, 4-14=-165, 7-14=-112

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	REQUIA/SPEC #4
B169572	T01	FAN	18	1	

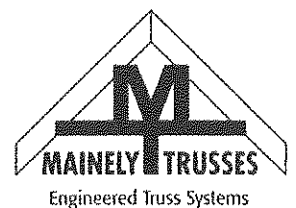
Mainely Trusses, Inc., Fairfield, ME, Kenneth Lee

Job Reference (optional)

8.100 s Jan 17 2017 MiTek Industries, Inc. Wed Apr 26 09:16:39 2017 Page 2  
 ID:M0roiYt37rU6i4ASsZSEGRy85ku-PmBRenfuvvkd8VFE0\_BvaHqnmqRGlgARiHxS6BzMvF6

**LOAD CASE(S)**

- 4) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25  
 Uniform Loads (plf)  
 Vert: 1-7=-40, 1-4=-20, 4-7=-20
- 5) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-12=21, 7-12=-12, 1-4=-13, 4-7=26  
 Horz: 1-4=4, 4-7=34
- 6) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-8=-12, 7-8=21, 1-4=26, 4-7=-13  
 Horz: 1-4=-34, 4-7=4
- 7) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-12=16, 7-12=-12, 1-4=43, 4-7=27  
 Horz: 1-4=-51, 4-7=36
- 8) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-8=-12, 7-8=16, 1-4=27, 4-7=43  
 Horz: 1-4=-36, 4-7=51
- 9) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-12=16, 7-12=-12, 1-4=21, 4-7=14  
 Horz: 1-4=-29, 4-7=23
- 10) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-8=-12, 7-8=16, 1-4=14, 4-7=21  
 Horz: 1-4=-23, 4-7=29





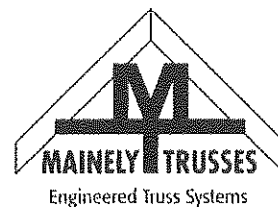
Job	Truss	Truss Type	Qty	Ply	REQUIA/SPEC #4
B169572	TOIAGE	GABLE	1	1	

Mainely Trusses, Inc., Fairfield, ME, Kenneth Lee

Job Reference (optional)  
 8\_100 s Jan 17 2017 MITek Industries, Inc. Wed Apr 26 09:16:40 2017 Page 2  
 ID:M0roiY137rUGi4ASzSEGRy85ku-lzips7gWhDsUmfpQZni87UNuuEj419vaxxg0edzMvF5

**LOAD CASE(S)**

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-18=-19, 1-10=-109, 10-18=-109
- 2) Dead + Snow (Unbal. Left): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-18=-19, 1-35=-109, 10-35=-159, 10-18=-46
- 3) Dead + Snow (Unbal. Right): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-18=-19, 1-10=-46, 10-36=-159, 18-36=-109
- 4) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25  
 Uniform Loads (plf)  
 Vert: 1-18=-39, 1-10=-19, 10-18=-19
- 5) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-34=20, 18-34=-12, 1-10=-12, 10-18=25  
 Horz: 1-10=4, 10-18=33
- 6) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-18=-12, 1-10=25, 10-18=-12  
 Horz: 1-10=33, 10-18=-4
- 7) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-34=15, 18-34=-12, 1-10=42, 10-18=27  
 Horz: 1-10=-50, 10-18=35
- 8) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-18=-12, 1-10=27, 10-18=42  
 Horz: 1-10=35, 10-18=50
- 9) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-34=15, 18-34=-12, 1-10=20, 10-18=14  
 Horz: 1-10=-28, 10-18=22
- 10) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-18=-12, 1-10=14, 10-18=20  
 Horz: 1-10=-22, 10-18=28



Job Truss Truss Type Qty Ply REQUIA/SPEC #4  
 B169572 T01GE GABLE 1 1  
 Mainly Trusses, Inc., Fairfield, ME, Kenneth Lee  
 Job Reference (optional)  
 8,100 s Jan 17 2017 MITek Industries, Inc. Wed Apr 26 09:16:41 2017 Page 1  
 ID:M0roiY137rU6i4ASsZSEGRy85ku-L9JB3Th8SX7L0pOc7ODNgivDpDfmgKk9bQZA3zMvF4  
 30-0-0  
 15-0-0

Scale = 1:56.8

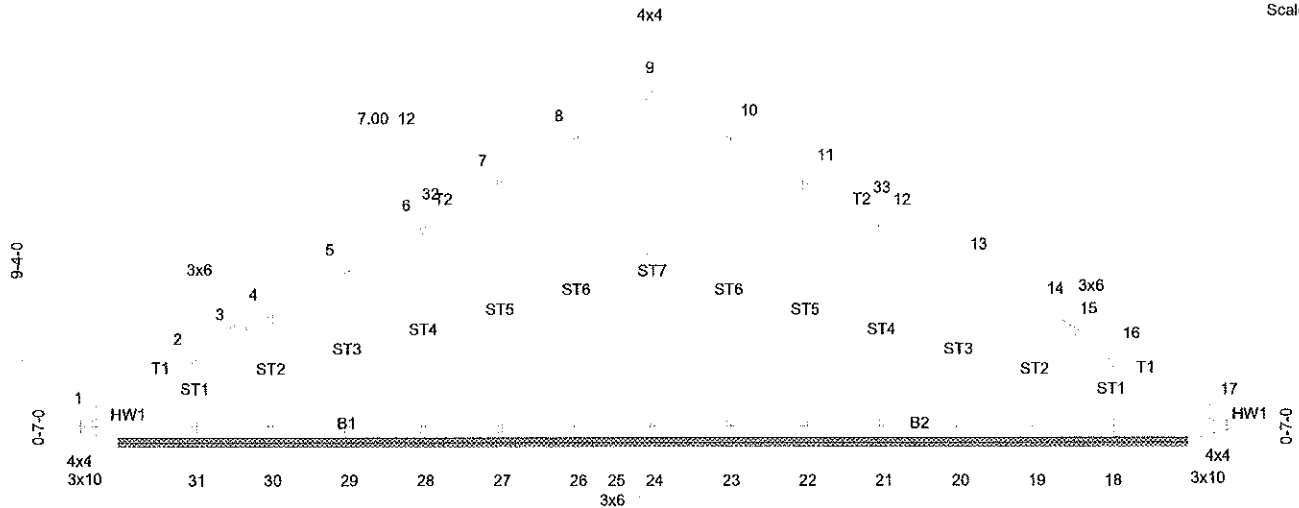


Plate Offsets (X,Y)-- [1:0-0-0,0-1-12], [1:0-2-15,Edge], [17:0-0-0,0-1-12], [17:0-2-15,Edge]

LOADING (psf)	SPACING-	1-11-4	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 46.2	Plate Grip DOL	1.15	TC 0.33	Veri(LL)	n/a	-	n/a	MT20	197/144
(Ground Snow=60.0)	Lumber DOL	1.15	BC 0.25	Veri(TL)	n/a	-	n/a		
TCDL 10.0	Rep Stress Incr	YES	WB 0.38	Horz(TL)	-0.01	18	n/a		
BCLL 0.0	Code IRC2009/TPI2007		Matrix-S						
BCDL 10.0								Weight: 150 lb	FT = 20%

**LUMBER-**  
 TOP CHORD 2x4 SPF No.2  
 BOT CHORD 2x4 SPF No.2  
 OTHERS 2x4 SPF No.2  
 WEDGE  
 Left: 2x4 SPF No.2, Right: 2x4 SPF No.2

**BRACING-**  
 TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.  
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.  
 WEBS 1 Row at midpt 9-24

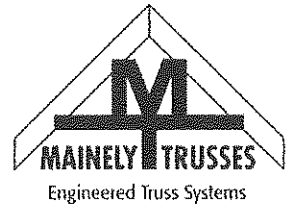
**REACTIONS.** All bearings 28-0-0.  
 (lb) - Max Horz 31=-338(LC 5)  
 Max Uplift All uplift 100 lb or less at joint(s) 26, 27, 28, 29, 23, 22, 21, 20 except 30=-241(LC 6), 31=-172(LC 8), 19=-229(LC 5), 18=-166(LC 7)  
 Max Grav All reactions 250 lb or less at joint(s) 30, 19 except 24=470(LC 1), 26=389(LC 2), 27=354(LC 2), 28=275(LC 2), 29=293(LC 2), 31=552(LC 2), 23=389(LC 3), 22=354(LC 3), 21=275(LC 3), 20=293(LC 3), 18=552(LC 3)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 1-2=-163/361, 3-4=-138/280, 4-5=-59/305, 5-6=-23/299, 7-32=0/300, 7-8=0/303, 8-9=0/325, 9-10=0/322, 10-11=0/303, 11-33=0/300, 12-13=-14/299, 13-14=-51/305, 14-15=-127/280, 16-17=-155/361  
 WEBS 9-24=-431/0, 8-26=-350/109, 7-27=-314/123, 2-31=-399/152, 10-23=-350/109, 11-22=-314/123, 16-18=-399/150

- NOTES-**
- 1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cal. 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) All plates are 1.5x4 MT20 unless otherwise indicated.
  - 7) Gable studs spaced at 2-0-0 oc.
  - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 26, 27, 28, 29, 23, 22, 21, 20 except (jt=lb) 30=241, 31=172, 19=229, 18=166.
  - 10) Non Standard bearing condition. Review required.
  - 11) 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)**  
 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 2



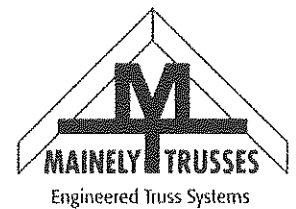
Job	Truss	Truss Type	Qty	Ply	REQUIA/SPEC #4
B169572	T01GE	GABLE	1	1	

Mainly Trusses, Inc., Fairfield, ME, Kenneth Lee

Job Reference (optional)  
 8,100 s Jan 17 2017 MiTek Industries, Inc. Wed Apr 26 09:16:41 2017 Page 2  
 ID:M0rolY137rU6i4ASsZSEGRy85ku-L9JB3Th8SX?L0pOc7ODNgivDpdfTmgKk9bQZA3zMvF4

**LOAD CASE(S)**

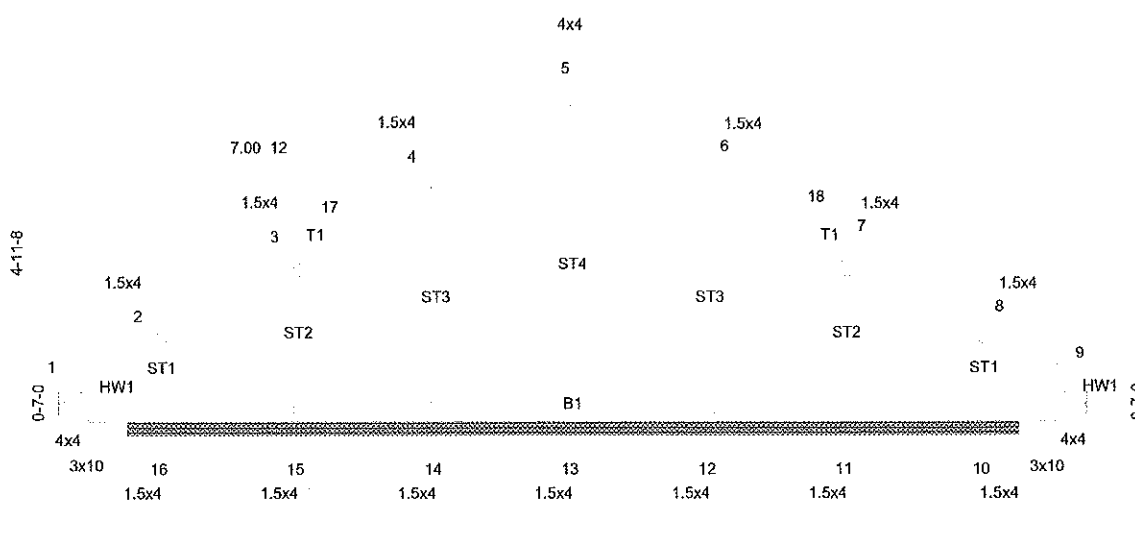
- Uniform Loads (plf)  
 Vert: 1-17=-19, 1-9=-109, 9-17=-109
- 2) Dead + Snow (Unbal. Left): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-17=-19, 1-32=-109, 9-32=-159, 9-17=-46
- 3) Dead + Snow (Unbal. Right): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-17=-19, 1-9=46, 9-33=-159, 17-33=-109
- 4) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25  
 Uniform Loads (plf)  
 Vert: 1-17=-39, 1-9=-19, 9-17=-19
- 5) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-17=-12, 1-9=-12, 9-17=25  
 Horz: 1-9=4, 9-17=33
- 6) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-17=-12, 1-9=25, 9-17=-12  
 Horz: 1-9=-33, 9-17=-4
- 7) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-17=-12, 1-9=42, 9-17=27  
 Horz: 1-9=-50, 9-17=35
- 8) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-17=-12, 1-9=27, 9-17=42  
 Horz: 1-9=-35, 9-17=50
- 9) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-17=-12, 1-9=20, 9-17=14  
 Horz: 1-9=-28, 9-17=22
- 10) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-17=-12, 1-9=14, 9-17=20  
 Horz: 1-9=-22, 9-17=28



Job Truss Truss Type Qty Ply REQUIA/SPEC #4  
 B169572 T02GE GABLE 1 1

Mainly Trusses, Inc., Fairfield, ME, Kenneth Lee

Job Reference (optional)  
 8.100 s Jan 17 2017 MiTek Industries, Inc. Wed Apr 26 09:16:41 2017 Page 1  
 ID:M0roiYt37rU6i4ASsZSEGRy85ku-L9JB3Th8SX?L0pOc7ODNgivGxdlHFmkYk9bQZA3zMvF4  
 15-0-0  
 7-6-0



Scale = 1:31.6

Plate Offsets (X,Y) - [1:0-0-0,0-1-12], [1:0-2-15,Edge], [9:0-0-0,0-1-12], [9:0-2-15,Edge]

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 0.13	Vert(LL)	n/a	-	n/a	MT20	197/144
(Ground Snow=60.0)	Lumber DOL 1.15		BC 0.10	Vert(TL)	n/a	-	n/a		
TCDL 10.0	Rep Stress Incr YES		WB 0.11	Horz(TL)	0.00	10	n/a		
BCLL 0.0	Code IRC2009/TPI2007		Matrix-S						
BCDL 10.0								Weight: 58 lb	FT = 20%

**LUMBER-**  
 TOP CHORD 2x4 SPF No.2  
 BOT CHORD 2x4 SPF No.2  
 OTHERS 2x4 SPF No.2  
 WEDGE  
 Left: 2x4 SPF No.2, Right: 2x4 SPF No.2

**BRACING-**  
 TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.  
 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.

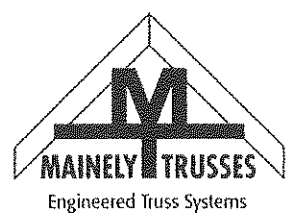
**REACTIONS.** All bearings 13-0-0.  
 (lb) - Max Horz 16=180(LC 6)  
 Max Uplift All uplift 100 lb or less at joint(s) 14, 12 except 15=-129(LC 6), 16=-106(LC 7), 11=-122(LC 5), 10=-111(LC 8)  
 Max Grav All reactions 250 lb or less at joint(s) 15, 11 except 13=324(LC 1), 14=359(LC 2), 16=324(LC 2), 12=359(LC 3), 10=324(LC 3)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
**WEBS** 5-13=-286/0, 4-14=-313/123, 6-12=-313/123

- NOTES-**
- 1) Wind: ASCE 7-05; 100mph; TCCL=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) Gable studs spaced at 2-0-0 oc.
  - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 12 except (jt=lb) 15=129, 16=106, 11=122, 10=111.
  - 9) Non Standard bearing condition. Review required.
  - 10) 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)**
- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-5=-112, 5-9=-112, 1-9=-20
  - 2) Dead + Snow (Unbal. Left): Lumber Increase=1.15, Plate Increase=1.15  
 Uniform Loads (plf)  
 Vert: 1-17=-112, 5-17=-144, 5-9=-48, 1-9=-20
  - 3) Dead + Snow (Unbal. Right): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	REQUIA/SPEC #4
B160572	T02GE	GABLE	1	1	

Mainly Trusses, Inc., Fairfield, ME, Kenneth Lee

Job Reference (optional)  
 8.100 s Jan 17 2017 MITek Industries, Inc. Wed Apr 26 09:16:41 2017 Page 2  
 ID:M0rolY137rU6i4ASsZSEGRy85ku-L9JB3Th8SX7LOpOc7ODNgivGxdHFmkYk9bQZA3zMvF4

**LOAD CASE(S)**

- Uniform Loads (plf)  
 Vert: 1-5=-48, 5-18=-144, 9-18=-112, 1-9=-20
- 4) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25  
 Uniform Loads (plf)  
 Vert: 1-5=-20, 5-9=-20, 1-9=-40
- 5) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-5=-13, 5-9=26, 1-16=21, 9-16=-12  
 Horz: 1-5=4, 5-9=34
- 6) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-5=26, 5-9=-13, 1-10=-12, 9-10=21  
 Horz: 1-5=-34, 5-9=-4
- 7) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-5=43, 5-9=27, 1-16=16, 9-16=-12  
 Horz: 1-5=-51, 5-9=36
- 8) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-5=27, 5-9=43, 1-10=-12, 9-10=16  
 Horz: 1-5=-36, 5-9=51
- 9) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-5=21, 5-9=14, 1-16=16, 9-16=-12  
 Horz: 1-5=-29, 5-9=23
- 10) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60  
 Uniform Loads (plf)  
 Vert: 1-5=14, 5-9=21, 1-10=-12, 9-10=16  
 Horz: 1-5=-23, 5-9=29

