Job
 Truss
 Truss Type
 Qty
 Ply
 Daughtry Plan - Onsite

 2501947-24508
 A1E
 Common Structural Gable
 1
 1
 Job Reference (optional)

Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:43

ID:?kAzGVT81N_u8OGQLodFPdzNqZx-5cBJS1ly3KX1tPrNtuvD2rgvDn4zdxcPyaFK6qzNo7M

Structural wood sheathing directly applied or 5-1-13 oc purlins,

MiTek recommends that Stabilizers and required cross bracing be

installed during truss erection, in accordance with Stabilizer

29-44, 31-45, 7-49

Rigid ceiling directly applied or 9-10-3 oc bracing.

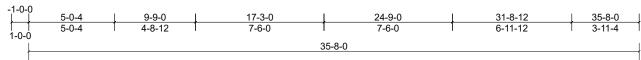
except end verticals.

1 Brace at Jt(s): 42, 43, 44, 46,

1 Row at midpt

Installation guide

Page: 1



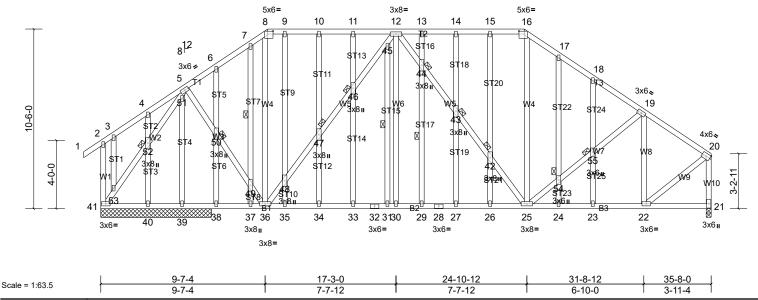


Plate Offsets (X, Y): [8:0-3-12,0-2-0], [16:0-3-12,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.51	Vert(LL)	0.11	23-24	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.16	33-34	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.04	21	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 428 lb	FT = 20%

BOT CHORD

WEBS

JOINTS

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2
 TOP CHORD

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2

REACTIONS All bearings 6-5-8. except 21=0-3-8

(lb) - Max Horiz 41=-404 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 40, 41 except 21=-258 (LC

13), 39=-199 (LC 9)

Max Grav All reactions 250 (lb) or less at joint(s) 40 except 21=1268 (LC

2), 39=1065 (LC 2), 41=465 (LC 2)

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

TOP CHORD 4-5=-194/305, 5-6=-772/436, 6-7=-772/502, 7-8=-771/533, 8-9=-688/477, 9-10=-688/477, 10-11=-688/477,

11-12=-688/477, 12-13=-949/564, 13-14=-949/564, 14-15=-949/564, 15-16=-949/564, 16-17=-1099/631,

17-18=-1119/566, 18-19=-1185/500, 19-20=-1015/421, 2-41=-208/266, 20-21=-1252/458

BOT CHORD 40-41=-276/325, 39-40=-276/325, 38-39=-276/325, 37-38=-276/325, 36-37=-276/325, 35-36=-340/999, 34-35=-340/999,

33-34=-340/999, 32-33=-340/999, 31-32=-340/999, 30-31=-340/999, 29-30=-340/999, 28-29=-340/999, 27-28=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999, 20-30=-340/999,

26-27=-340/999, 25-26=-340/999, 24-25=-179/805, 23-24=-179/805, 22-23=-179/805

5-50=-186/754, 49-50=-187/729, 36-49=-208/746, 36-48=-661/271, 47-48=-710/282, 46-47=-664/267, 45-46=-655/261,

12-45=-693/286, 12-30=-90/303, 12-44=-262/244, 42-43=-275/246, 25-42=-264/251, 16-25=-215/391, 19-22=-479/173,

41-53=-349/152, 52-53=-369/164, 51-52=-316/163, 5-51=-1125/221, 20-22=-286/1016, 39-51=-922/293

NOTES

WEBS

FORCES

) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
 TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.;
- Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 6) Provide adequate drainage to prevent water ponding.
- 7) All plates are 2x4 (||) MT20 unless otherwise indicated.
- 8) Gable studs spaced at 2-0-0 oc.9) This truss has been designed for
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 41, 40 except (jt=lb) 21=257, 39=198.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	A1E	Common Structural Gable	1	1	Job Reference (optional)

ID:?kAzGVT81N_u8OGQLodFPdzNqZx-5cBJS1ly3KX1tPrNtuvD2rgvDn4zdxcPyaFK6qzNo7M

Page: 2

12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	A2	Common	2	1	Job Reference (optional)

ID:?kAzGVT81N u8OGQLodFPdzNqZx-ZokifNlaqdftVYQZRbQSb3C?uBMBMRnZBE?ufGzNo7L

Structural wood sheathing directly applied or 2-2-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

5-15, 5-11, 3-16

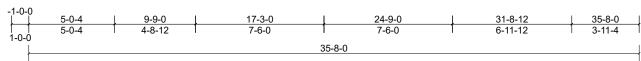
Rigid ceiling directly applied or 2-2-0 oc bracing

except end verticals.

1 Row at midpt

Installation guide.

Page: 1



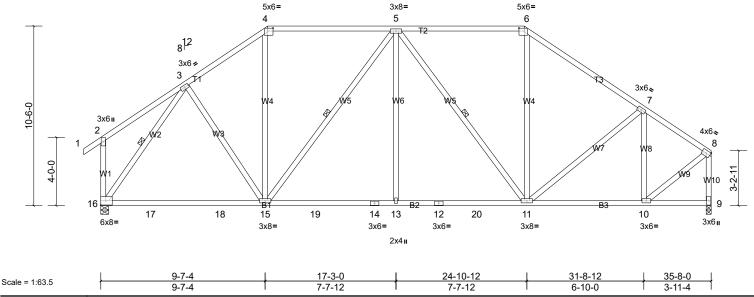


Plate Offsets (X, Y): [4:0-3-12,0-2-0], [6:0-3-12,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.77	Vert(LL)	-0.29	15-16	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.95	Vert(CT)	-0.51	15-16	>825	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.06	9	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 256 lb	FT = 20%

TOP CHORD

BOT CHORD

WEBS

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2 2x4 SP No.2 **BOT CHORD**

WFBS 2x4 SP No.2

REACTIONS (lb/size) 9=1310/0-3-8, (min. 0-1-11), 16=1374/0-5-8, (min. 0-1-13)

Max Horiz 16=-404 (LC 10)

Max Uplift 9=-272 (LC 13), 16=-292 (LC 12) Max Grav 9=1414 (LC 2), 16=1548 (LC 3)

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

2-3=-221/265, 3-4=-1345/626, 4-5=-1054/580, 5-6=-1089/604, 6-7=-1420/623, 7-8=-1118/450, 2-16=-302/294,

16-17=-410/967, 17-18=-410/967, 15-18=-410/967, 15-19=-392/1359, 14-19=-392/1359, 13-14=-392/1359,

12-13=-392/1359, 12-20=-392/1359, 11-20=-392/1359, 10-11=-206/915

WEBS 3-15=-162/418, 4-15=-126/432, 5-15=-559/296, 5-13=0/412, 5-11=-521/289, 6-11=-80/420, 7-11=-198/344,

7-10=-613/279, 3-16=-1456/354, 8-10=-342/1160

NOTES

FORCES

TOP CHORD

BOT CHORD

- Unbalanced roof live loads have been considered for this design. 1)
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 3) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 7) any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 292 lb uplift at joint 16 and 272 lb uplift at joint 9.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job Truss Truss Type Qty Daughtry Plan - Onsite 2501947-24508 А3 Common Job Reference (optional)

Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:44

Page: 1 ID:TwkLTrUmng7lmYrcuV8UyqzNqZw-ZokifNlaqdftVYQZRbQSb3C 8BMYMReZBE?ufGzNo7L

Structural wood sheathing directly applied or 2-2-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

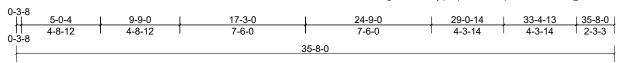
4-15, 4-11, 6-11, 6-10, 2-16

Rigid ceiling directly applied or 2-2-0 oc bracing

except end verticals.

1 Row at midpt

Installation guide.



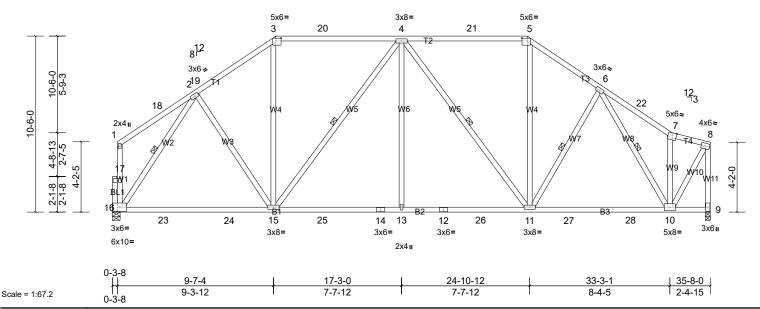


Plate Offsets (X, Y): [3:0-3-12,0-2-0], [5:0-3-12,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.25	15-16	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.92	Vert(CT)	-0.44	15-16	>955	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.07	9	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 267 lb	FT = 20%

BOT CHORD

WEBS

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 *Except* T2:2x4 SP No.1

2x4 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2 2x4 SP No 2 **OTHERS**

FORCES

REACTIONS (lb/size) 9=1305/0-3-8, (min. 0-1-12), 16=1304/0-5-8, (min. 0-1-8)

Max Horiz 16=-399 (LC 10)

Max Uplift 9=-276 (LC 15), 16=-247 (LC 14) Max Grav 9=1475 (LC 3), 16=1542 (LC 46)

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

TOP CHORD 2-19=-1384/576, 3-19=-1379/608, 3-20=-1120/564, 4-20=-1120/564, 4-21=-1195/592, 5-21=-1195/592, 5-6=-1471/650,

6-22=-878/457, 7-22=-966/440, 7-8=-787/314, 16-17=-261/170, 1-17=-257/170, 8-9=-1527/473

BOT CHORD 16-23=-390/968, 23-24=-390/968, 15-24=-390/968, 15-25=-384/1524, 14-25=-384/1524, 13-14=-384/1524, 12-13=-384/1524, 12-26=-384/1524, 11-26=-384/1524, 11-27=-203/1087, 27-28=-203/1087, 10-28=-203/1087 **WEBS**

2-15=-168/530, 3-15=-119/446, 4-15=-674/299, 4-13=0/395, 4-11=-552/276, 5-11=-152/502, 6-11=-174/344, 6-10=-741/172, 7-10=-495/283, 2-16=-1468/412, 8-10=-404/1510

NOTES

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 3) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 7) any other members, with BCDL = 10.0psf.
- Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of trust to bearing plate capable of withstanding 276 lb uplift at joint 9 and 247 lb uplift at joint 16.

 This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Page: 1 ID:TwkLTrUmng7lmYrcuV8UyqzNqZw-ZokifNlaqdftVYQZRbQSb3C3RBR7MOZZBE?ufGzNo7L

Structural wood sheathing directly applied or 3-7-11 oc purlins,

MiTek recommends that Stabilizers and required cross bracing be

installed during truss erection, in accordance with Stabilizer

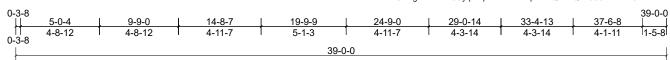
3-20, 4-19, 5-19, 5-15, 7-15

Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

1 Row at midpt

Installation guide.



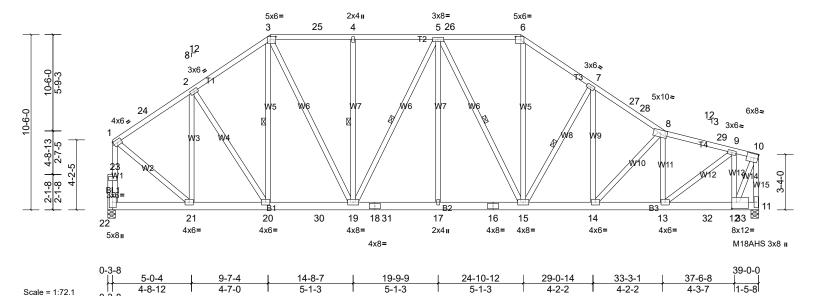


Plate Offsets (X, Y): [3:0-3-12,0-2-0], [6:0-3-12,0-2-0], [12:0-3-8,0-4-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.54	Vert(LL)	0.09	14-15	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.17	15-17	>999	180	M18AHS	186/179
TCDL	10.0	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.05	11	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0	İ									Weight: 356 lb	FT = 20%

TOP CHORD

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2 2x6 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2

0 - 3 - 8

OTHERS 2x4 SP No 2

BOT CHORD WEBS

REACTIONS (lb/size) 11=2255/0-5-8, (min. 0-2-15), 22=1470/0-5-8, (min. 0-1-8)

Max Horiz 22=-400 (LC 8)

Max Uplift 11=-582 (LC 13), 22=-273 (LC 12) Max Grav 11=2506 (LC 2), 22=1635 (LC 36)

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

TOP CHORD 1-24=-1272/218, 2-24=-1176/236, 2-3=-1491/356, 3-25=-1603/367, 4-25=-1603/367, 4-5=-1603/367, 5-26=-1524/461

6-26=-1524/461, 6-7=-1891/494, 7-27=-2115/489, 27-28=-2123/473, 8-28=-2187/471, 8-29=-2165/473, 9-29=-2196/463,

9-10=-1026/220, 22-23=-1592/295, 1-23=-1591/294, 10-11=-2459/560

21-22=-258/358, 20-21=-339/1043, 20-30=-325/1211, 19-30=-325/1211, 18-19=-341/1711, 18-31=-341/1711,

17-31=-341/1711, 16-17=-341/1711, 15-16=-341/1711, 14-15=-314/1771, 13-14=-457/2082, 13-32=-261/990,

12-32=-261/990

2-21=-674/173, 2-20=-211/496, 3-20=-260/226, 3-19=-313/892, 4-19=-489/216, 5-19=-319/151, 5-17=0/280,

5-15=-474/282, 6-15=-154/795, 7-15=-644/330, 7-14=-81/351, 8-14=-451/203, 8-13=-602/307, 9-13=-255/1413,

9-12=-1320/363, 1-21=-161/1188, 10-12=-565/2390

NOTES

WEBS

FORCES

BOT CHORD

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left 2) and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- 4) Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding. 5)
- All plates are MT20 plates unless otherwise indicated 6)
- 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8) any other members, with BCDL = 10.0psf.
- Bearing at joint(s) 22 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface. 9)
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 582 lb uplift at joint 11 and 273 lb uplift at joint 22. 10)
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. 11)
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 508 lb down and 130 lb up at 35-11-4, and 506 lb down and 130 lb up at 12) 37-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

-	Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
	2501947-24508	A4G	Roof Special Girder	1	1	Job Reference (optional)

Page: 2 ID: TwkLTrUmng7lmYrcuV8UyqzNqZw-ZokifNlaqdftVYQZRbQSb3C3RBR7MOZZBE?ufGzNo7L

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb/ft) Vert: 1-3=-50, 3-6=-60, 6-8=-50, 8-10=-50, 11-22=-20

Concentrated Loads (lb) Vert: 32=-442 (B), 33=-441 (B)

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	A5	Roof Special	8	1	Job Reference (optional)

Page: 1 ID:x7ljgBVOY FcOhQoSDfjU2zNqZv-1?l4tjmDbxnk6i?m?Jxh7Gl8qbh15r3iPukRBizNo7K

Structural wood sheathing directly applied or 2-2-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

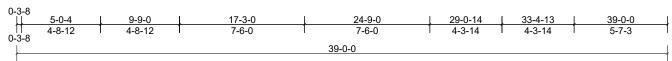
4-15, 4-11, 6-11, 2-16

Rigid ceiling directly applied or 2-2-0 oc bracing

except end verticals.

1 Row at midpt

Installation guide.



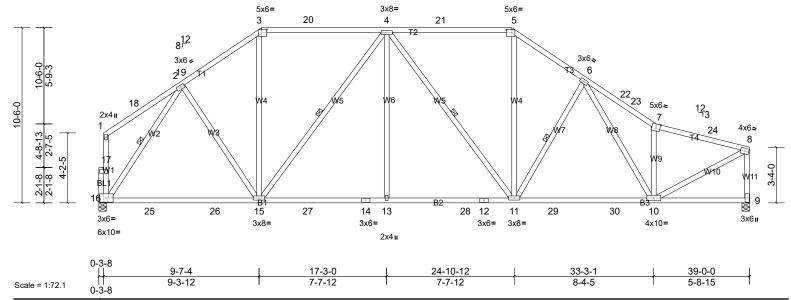


Plate Offsets (X, Y): [3:0-3-12,0-2-0], [5:0-3-12,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.25	15-16	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.97	Vert(CT)	-0.45	15-16	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.08	9	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0	1									Weight: 278 lb	FT = 20%

BOT CHORD

WEBS

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 *Except* T2:2x4 SP No.1

2x4 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2

OTHERS 2x4 SP No 2

REACTIONS (lb/size) 9=1416/0-5-8, (min. 0-1-14), 16=1426/0-5-8, (min. 0-1-8)

Max Horiz 16=-404 (LC 10)

Max Uplift 9=-334 (LC 15), 16=-260 (LC 14) Max Grav 9=1571 (LC 3), 16=1675 (LC 46)

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

TOP CHORD 2-19=-1526/628, 3-19=-1521/660, 3-20=-1237/606, 4-20=-1237/606, 4-21=-1505/706, 5-21=-1505/706, 5-6=-1848/788,

6-22=-2081/879, 22-23=-2084/863, 7-23=-2141/860, 7-24=-1824/662, 8-24=-1858/652, 16-17=-262/169, 1-17=-258/169,

BOT CHORD 16-25=-342/1045, 25-26=-342/1045, 15-26=-342/1045, 15-27=-355/1736, 14-27=-355/1736, 13-14=-355/1736,

13-28=-355/1736, 12-28=-355/1736, 11-12=-355/1736, 11-29=-377/1628, 29-30=-377/1628, 10-30=-377/1628

2-15=-176/579, 3-15=-148/525, 4-15=-833/319, 4-13=0/393, 4-11=-436/252, 5-11=-227/726, 6-11=-498/315,

6-10=-156/301, 7-10=-958/512, 2-16=-1628/469, 8-10=-586/1987

NOTES

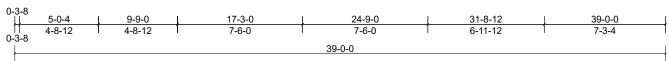
WEBS

FORCES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone, cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding. 6)
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 260 lb uplift at joint 16 and 334 lb uplift at joint 9.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



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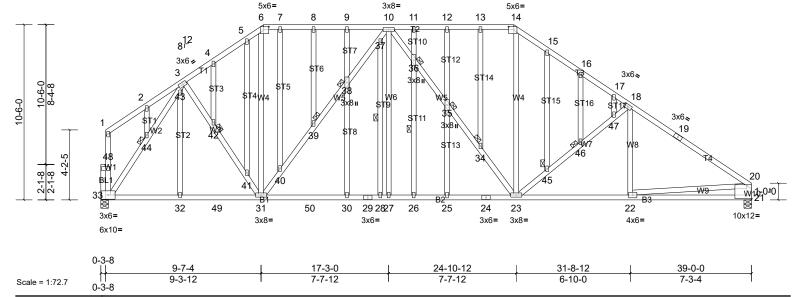


Plate Offsets (X, Y): [6:0-3-12,0-2-0], [14:0-3-12,0-2-0], [21:Edge,0-9-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	0.14	23-25	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.73	Vert(CT)	-0.25	23-25	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.07	21	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 406 lb	FT = 20%

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2 2x4 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2 **OTHERS** 2x4 SP No.2

REACTIONS (lb/size) 21=1416/0-5-8, (min. 0-1-13), 33=1426/0-5-8, (min. 0-1-8)

Max Horiz 33=-403 (LC 8)

Max Uplift 21=-327 (LC 13), 33=-261 (LC 12) Max Grav 21=1542 (LC 2), 33=1534 (LC 2)

TOP CHORD

JOINTS

Structural wood sheathing directly applied or 1-7-8 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 8-9-6 oc bracing **WEBS**

1 Row at midpt 26-36, 28-37

1 Brace at Jt(s): 34, 35, 36, 38,

39. 42. 44. 45. 46

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

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

TOP CHORD 1-2=-253/201, 3-4=-1400/637, 4-5=-1346/659, 5-6=-1267/668, 6-7=-1110/614, 7-8=-1110/614, 8-9=-1110/614,

9-10=-1110/614, 10-11=-1375/707, 11-12=-1375/707, 12-13=-1375/707, 13-14=-1375/707, 14-15=-1641/775, 15-16=-1696/745, 16-17=-1717/686, 17-18=-1818/745, 18-19=-1989/718, 19-20=-2131/692, 33-48=-282/189,

1-48=-279/188, 20-21=-1471/534

32-33=-346/957, 32-49=-346/957, 31-49=-346/957, 31-50=-343/1474, 30-50=-343/1474, 29-30=-343/1474,

28-29=-343/1474, 27-28=-343/1474, 26-27=-343/1474, 25-26=-343/1474, 24-25=-343/1474, 23-24=-343/1474,

22-23=-442/1683, 21-22=-140/288

WEBS 3-42=-205/385, 41-42=-202/371, 31-41=-234/415, 6-31=-151/417, 31-40=-680/301, 39-40=-733/310, 38-39=-674/278,

37-38=-680/296, 10-37=-706/300, 10-27=-89/303, 10-36=-309/275, 35-36=-274/266, 34-35=-317/270, 23-34=-317/286,

14-23=-220/591, 23-45=-587/374, 45-46=-565/348, 46-47=-493/294, 18-47=-597/382, 33-44=-1538/407,

43-44=-1634/412, 3-43=-1564/467, 20-22=-325/1421

NOTES

BOT CHORD

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- Provide adequate drainage to prevent water ponding. 5)
- All plates are 2x4 (||) MT20 unless otherwise indicated 6)
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	A6E	Roof Special Structural Gable	1	1	Job Reference (optional)

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- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 Bearing at joint(s) 33 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 327 lb uplift at joint 21 and 261 lb uplift at joint 33.
 This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)

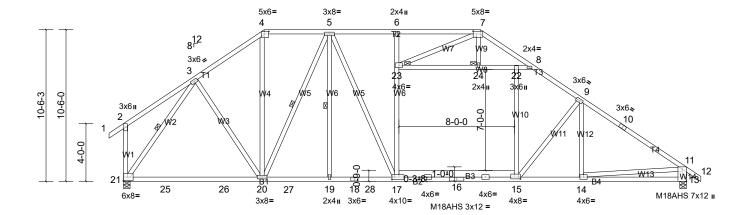


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Structural wood sheathing directly applied or 2-7-4 oc purlins,

Page: 1





			16-0-0	19-1		27-2		
	Į 9-7-4	14-3-4	ຸ້ັ້ 1	18-11-4 լլ	23-1-0 լ	27-1-0 լ	լ 31-8-12	լ 39-0-0 լ
Scale = 1:73.1	9-7-4	4-8-0	1 1 2	2-11-4 ^{1]}	4-0-0	4-0-0	4-6-0	7-3-4
Codio 1.70.1			1-8-12	0-1-		0-1	-12	

Plate Offsets (X, Y): [4:0-3-12,0-2-0], [7:0-6-4,0-2-4], [13:Edge,0-3-8], [15:0-1-8,0-1-8], [17:0-2-4,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	-0.57	14-15	>812	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.92	Vert(CT)	-0.80	14-15	>581	180	M18AHS	186/179
TCDL	10.0	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.07	13	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.29	15-17	>345	360		
BCDL	10.0	İ									Weight: 317 lb	FT = 20%

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2 TOP CHORD

2x4 SP No.1 *Except* B3:2x6 SP No.2 **BOT CHORD** except end verticals. WFBS 2x4 SP No.2 *Except* W8:2x4 SP DSS **BOT CHORD** Rigid ceiling directly applied or 10-0-0 oc bracing, Except:

2-2-0 oc bracing: 14-15. REACTIONS (lb/size) 13=1769/0-5-8, (min. 0-2-7), 21=1693/0-5-8, (min. 0-2-6)

WEBS 1 Row at midpt 3-21 5-19 5-20

Max Horiz 21=-425 (LC 10) 1 Brace at Jt(s): 23 JOINTS

Max Uplift 13=-118 (LC 13), 21=-136 (LC 12) MiTek recommends that Stabilizers and required cross bracing be

Max Grav 13=2074 (LC 3), 21=2026 (LC 3) installed during truss erection, in accordance with Stabilizer Installation guide

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

TOP CHORD 2-3=-223/261, 3-4=-1884/487, 4-5=-1493/461, 5-6=-2205/446, 6-7=-2192/440, 7-8=-1670/321, 8-9=-2717/374, 9-10=-2757/343, 10-11=-2876/320, 2-21=-304/290, 11-13=-1997/370

21-25=-245/1296, 25-26=-245/1296, 20-26=-245/1296, 20-27=-127/1918, 19-27=-127/1918, 18-19=-127/1918,

18-28=-127/1918, 17-28=-127/1918, 16-17=0/2209, 15-16=0/2209, 14-15=-60/2301, 13-14=-183/487 **WEBS** 3-20=-84/612, 4-20=-97/788, 3-21=-2035/209, 11-14=0/1909, 17-23=-271/237, 6-23=-364/236, 15-22=-98/559,

23-24=-841/130, 22-24=-861/126, 8-22=-861/126, 7-24=0/348, 9-15=-562/425, 5-20=-1061/139, 5-17=-14/861,

7-23=-141/929

NOTES

BOT CHORD

Unbalanced roof live loads have been considered for this design

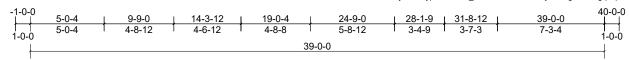
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 3) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated 6)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 9) Ceiling dead load (5.0 psf) on member(s). 23-24, 22-24, 8-22; Wall dead load (10.0psf) on member(s).17-23, 15-22
- Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 15-17 10)
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 136 lb uplift at joint 21 and 118 lb uplift at joint 13.
- 12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

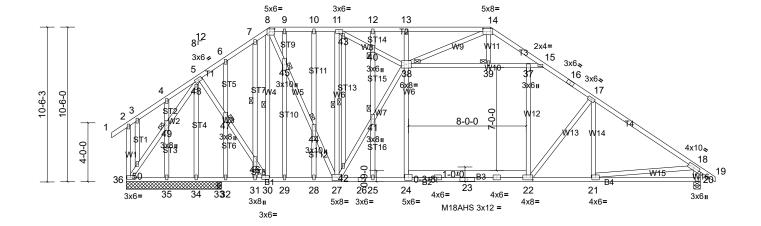
Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	A8	Common	3	1	Job Reference (optional)

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Page: 1 ID:w5T4BiakzZmymKNKypPA3fzNrH -VBsS43nrMFvbksayZ0TwgUILJ?2gqDqreYU j9zNo7J





	6-3-12	ı 9-7-4 ı	14-3-12	16-0-0 I I 19-0-4 I	23-2-0	27-3-12	31-8-12	39-0-0	1
Scale = 1:73.1	6-3-12	3-3-8	4-8-8	1-8-4 3-0-4		4-1-12	4-5-0	7-3-4	\neg

Plate Offsets (X, Y): [8:0-3-12,0-2-0], [14:0-6-4,0-2-4], [22:0-1-12,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.71	Vert(LL)	-0.15	22-24	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.88	Vert(CT)	-0.28	22-24	>999	180	M18AHS	186/179
TCDL	10.0	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.05	20	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.08	22-24	>999	360		
BCDL	10.0										Weight: 427 lb	FT = 20%

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 2x4 SP No.2 *Except* B2:2x4 SP No.1, B3:2x6 SP No.2 **BOT CHORD**

Rigid ceiling directly applied or 10-0-0 oc bracing. WFBS 2x4 SP No.2 *Except* W16:2x6 SP No.2, W10:2x4 SP DSS **BOT CHORD** 2x4 SP No 2 **WEBS** 1 Row at midpt **OTHERS**

REACTIONS All bearings 6-5-8. except 20=0-5-8, 33=0-3-8

(lb) - Max Horiz 36=-426 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 34 except 20=-101 (LC 13),

33=-104 (LC 12), 35=-118 (LC 12), 36=-128 (LC 13)

Max Grav All reactions 250 (lb) or less at joint(s) 35 except 20=1890 (LC

3), 33=491 (LC 25), 34=1131 (LC 3), 36=463 (LC 26)

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

TOP CHORD 4-5=-214/305, 5-6=-947/273, 6-7=-1029/353, 7-8=-1043/388, 8-9=-1400/349, 9-10=-1400/349, 10-11=-1400/349,

11-12=-1585/386, 12-13=-1585/386, 13-14=-1582/387, 14-15=-1289/186, 15-16=-2320/267, 16-17=-2404/247,

17-18=-2555/236, 2-36=-208/262, 18-20=-1814/307

BOT CHORD 35-36=-125/343, 34-35=-125/343, 33-34=-125/343, 32-33=-125/343, 31-32=-125/343, 30-31=-125/343, 29-30=-68/878,

28-29=-68/878, 27-28=-68/878, 26-27=0/1961, 25-26=0/1961, 24-25=0/1961, 23-24=0/1958, 22-23=0/1958,

21-22=0/2032, 20-21=-232/540

WEBS 5-47=-17/1112, 46-47=-5/1167, 30-46=-26/1076, 8-30=-750/13, 36-50=-463/142, 49-50=-492/145, 48-49=-424/160,

5-48=-1347/85, 18-21=0/1659, 24-38=0/909, 13-38=-341/211, 22-37=-120/586, 38-39=-1081/203, 37-39=-1101/200, 15-37=-1101/200, 14-39=0/341, 11-27=-331/286, 11-43=-571/480, 40-43=-612/491, 38-40=-589/467, 27-42=-1271/129, 41-42=-1333/143, 38-41=-1272/141, 8-45=-14/1511, 44-45=-8/1432, 27-44=-3/1365, 17-22=-354/286, 14-38=-336/604,

6-47=-267/122, 32-47=-331/126, 34-48=-1231/76, 4-49=-259/137

NOTES

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding. 6)
- All plates are MT20 plates unless otherwise indicated
- All plates are 2x4 (||) MT20 unless otherwise indicated. 8)
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 10)

Structural wood sheathing directly applied or 2-10-2 oc purlins, except end verticals.

8-30, 11-27, 42-43, 7-46 1 Brace at Jt(s): 38, 39, 40, 41,

JOINTS

44 45 47 49

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

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	A9E	Piggyback Base Structural Gable	1	1	Job Reference (optional)

Page: 2 ID:w5T4BiakzZmymKNKypPA3fzNrH_-VBsS43nrMFvbksayZ0TwgUILJ?2gqDqreYU_j9zNo7J

- 11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 Ceiling dead load (5.0 psf) on member(s). 38-39, 37-39, 15-37; Wall dead load (10.0psf) on member(s). 24-38, 22-37, 25-41
- 13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 24-25, 22-24
- 14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 34 except (jt=lb) 36=127, 20=100, 35=118, 33=104.
- 15) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

16) ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	A11	Common	2	1	Job Reference (optional)

Page: 1 ID:SBU?YXsvuS6GQiZgMVbZvjzNrbH-zNQqHOoT7Y1SM0986j 9DhqWbOOUZjR?tCDYFbzNo7I

Structural wood sheathing directly applied or 2-10-6 oc purlins,

MiTek recommends that Stabilizers and required cross bracing be

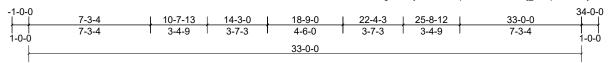
installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 9-4-3 oc bracing

except end verticals.

Installation guide.

1 Brace at Jt(s): 21, 25



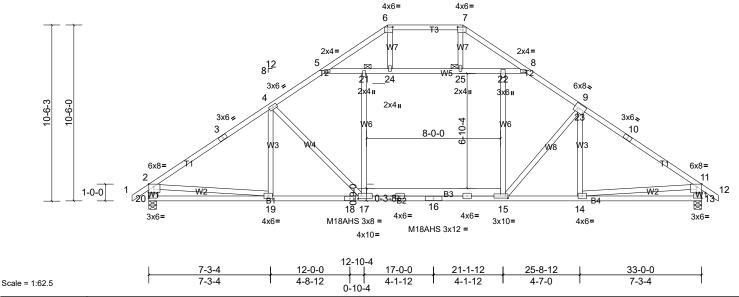


Plate Offsets (X, Y): [2:0-3-8,Edge], [6:0-3-12,0-2-0], [7:0-3-12,0-2-0], [11:0-3-8,Edge], [13:Edge,0-1-8], [15:0-1-12,0-1-8], [17:0-2-8,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.74	Vert(LL)	0.45	14-15	>879	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.84	Vert(CT)	-0.56	14-15	>699	180	M18AHS	186/179
TCDL	10.0	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.05	13	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.29	15-17	>344	360		
BCDL	10.0	1									Weight: 235 lb	FT = 20%

BOT CHORD

JOINTS

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 2x4 SP No.1 *Except* B1:2x4 SP No.2, B3:2x6 SP No.2 **BOT CHORD**

WFBS 2x4 SP No.2 *Except* W5:2x4 SP DSS

REACTIONS (lb/size) 13=1485/0-5-8, (min. 0-2-1), 20=1473/0-5-8, (min. 0-2-0)

Max Horiz 20=-373 (LC 10)

Max Uplift 13=-114 (LC 13), 20=-125 (LC 12) Max Grav 13=1748 (LC 26), 20=1721 (LC 25)

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

2-3=-2273/232, 3-4=-2155/255, 4-5=-2083/264, 5-6=-1201/179, 6-7=-955/200, 7-8=-1156/181, 8-9=-2135/263,

9-10=-2209/240, 10-11=-2327/217, 2-20=-1654/313, 11-13=-1683/304

BOT CHORD 19-20=-373/715, 18-19=-104/2014, 17-18=-104/2014, 16-17=0/1781, 15-16=0/1781, 14-15=0/1850, 13-14=-199/535 9-23=-281/263, 2-19=0/1380, 11-14=0/1476, 17-21=-70/588, 15-22=-83/599, 5-21=-844/160, 21-24=-844/160, **WEBS** 24-25=-813/164, 22-25=-831/160, 8-22=-831/160, 4-17=-380/382, 15-23=-440/391, 6-24=0/547, 7-25=0/456

NOTES

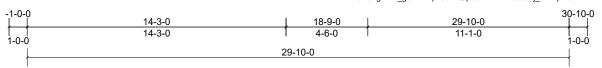
FORCES

TOP CHORD

- Unbalanced roof live loads have been considered for this design
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 3) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated 6)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 7)
- This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8) any other members
- Ceiling dead load (5.0 psf) on member(s). 5-21, 21-24, 24-25, 22-25, 8-22; Wall dead load (10.0psf) on member(s). 17-21, 15-22 9)
- Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 15-17 10)
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 125 lb uplift at joint 20 and 114 lb uplift at joint 13. 11)
- 12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.



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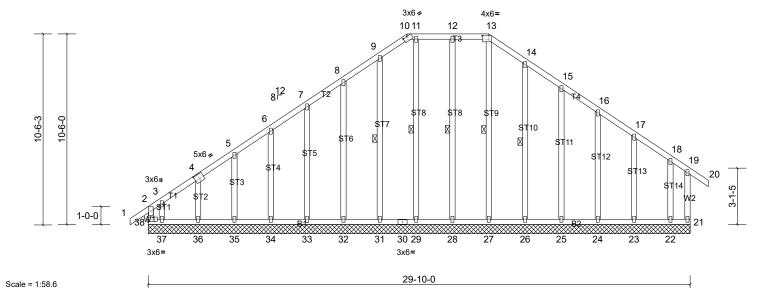


Plate Offsets (X, Y): [4:0-3-0,0-3-0], [10:0-3-0,0-0-2], [13:0-4-4,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.20	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.00	21	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MR								
BCDL	10.0	1									Weight: 245 lb	FT = 20%

LUMBER **BRACING** TOP CHORD 2x4 SP No.2

2x4 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2 **OTHERS**

2x4 SP No.2

REACTIONS All bearings 29-10-0.

(lb) - Max Horiz 38=409 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 21, 24, 26, 27, 28, 29, 31, 33, 36 except 22=-116 (LC 13), 23=-102 (LC 13), 25=-105 (LC 13), 32=-115 (LC 12), 34=-101 (LC 12), 35=-103 (LC 12), 37=-494 (LC 9), 38=-600 (LC 8)

Max Grav All reactions 250 (lb) or less at joint(s) 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35, 36 except 37=533 (LC 10),

38=656 (LC 11)

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

TOP CHORD 2-38=-423/394, 2-3=-494/470, 3-4=-363/344, 4-5=-342/338, 5-6=-319/331, 6-7=-296/326, 7-8=-272/372, 8-9=-321/461,

9-10=-356/494, 10-11=-320/453, 11-12=-320/453, 12-13=-320/452, 13-14=-365/510, 14-15=-299/435, 15-16=-233/354,

WEBS 3-37=-266/266

NOTES

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3) qualified building designer as per ANSI/TPI 1.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding. 6)
- All plates are 2x4 (||) MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing. 8)
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web). 9)
- Gable studs spaced at 2-0-0 oc. 10)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 11)
- 12) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members

WEBS

TOP CHORD

BOT CHORD

except end verticals.

Rigid ceiling directly applied or 6-0-0 oc bracing 1 Row at midpt

13-27, 12-28, 11-29, 9-31, 14-26

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

Structural wood sheathing directly applied or 6-0-0 oc purlins,

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	B1E	Common Supported Gable	1	1	Job Reference (optional)

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Page: 2

13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21, 27, 28, 29, 31, 33, 36, 26, 24 except (jt=lb) 38=600, 32=114, 34=100, 35=103, 37=494, 25=105, 23=101, 22=115.
14) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



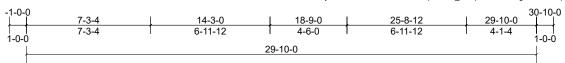
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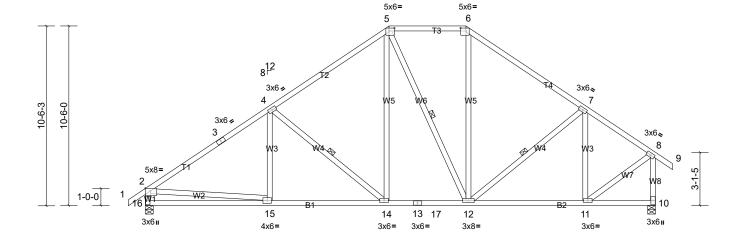
Structural wood sheathing directly applied or 3-9-12 oc purlins,

installed during truss erection, in accordance with Stabilizer

Installation guide.

Page: 1





14-1-4 18-10-12 29-10-0 Scale = 1:61.6 7-3-4 6-10-0 4-9-8 6-10-0 4-1-4

Plate Offsets (X, Y): [2:0-3-8,Edge], [5:0-3-12,0-2-0], [6:0-3-12,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.64	Vert(LL)	-0.06	15-16	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.14	15-16	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.03	10	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 208 lb	FT = 20%

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2 TOP CHORD 2x4 SP No.2 **BOT CHORD**

except end verticals. WFBS 2x4 SP No.2 **BOT CHORD** Rigid ceiling directly applied or 6-0-0 oc bracing

WEBS 1 Row at midpt 4-14, 5-12, 7-12

REACTIONS (lb/size) 10=1116/0-5-8, (min. 0-1-8), 16=1111/0-5-8, (min. 0-1-8) MiTek recommends that Stabilizers and required cross bracing be

Max Horiz 16=410 (LC 11) Max Uplift 10=-280 (LC 13), 16=-315 (LC 12)

Max Grav 10=1250 (LC 2), 16=1250 (LC 2) (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-1575/503, 3-4=-1395/528, 4-5=-1178/542, 5-6=-953/514, 6-7=-1103/516, 7-8=-973/405, 2-16=-1183/482,

BOT CHORD 15-16=-440/597, 14-15=-353/1330, 13-14=-173/909, 13-17=-173/909, 12-17=-173/909, 11-12=-156/778

WEBS 4-14=-600/349, 5-14=-155/508, 5-12=-268/173, 6-12=-92/311, 7-11=-448/201, 2-15=-85/909, 8-11=-218/966

NOTES

FORCES

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 7) any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 315 lb uplift at joint 16 and 280 lb uplift at joint 10.

 This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	В3	Common	2	1	Job Reference (optional)

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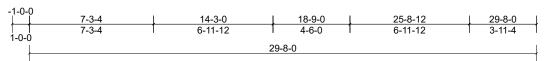
3-11-4

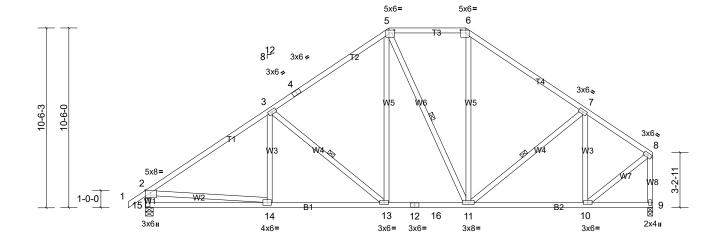
Structural wood sheathing directly applied or 3-10-14 oc purlins,

MiTek recommends that Stabilizers and required cross bracing be

installed during truss erection, in accordance with Stabilizer

Installation guide.





14-1-4 18-10-12 25-8-12 Scale = 1:61.6 7-3-4 6-10-0 4-9-8 6-10-0

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.06	14-15	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.14	14-15	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.03	9	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 206 lb	FT = 20%

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2 TOP CHORD 2x4 SP No.2 **BOT CHORD**

except end verticals. WFBS 2x4 SP No.2 **BOT CHORD** Rigid ceiling directly applied or 8-8-9 oc bracing **WEBS** 1 Row at midpt 3-13, 5-11, 7-11

REACTIONS (lb/size) 9=1052/0-3-8, (min. 0-1-8), 15=1106/0-5-8, (min. 0-1-8)

Max Horiz 15=403 (LC 9) Max Uplift 9=-243 (LC 13), 15=-313 (LC 12)

Max Grav 9=1174 (LC 2), 15=1245 (LC 2)

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

2-3=-1567/520, 3-4=-1168/491, 4-5=-1115/533, 5-6=-945/503, 6-7=-1091/504, 7-8=-923/370, 2-15=-1178/477,

BOT CHORD 14-15=-452/584, 13-14=-367/1313, 12-13=-184/891, 12-16=-184/891, 11-16=-184/891, 10-11=-178/754

WEBS 3-13=-601/349, 5-13=-156/508, 5-11=-272/173, 6-11=-90/305, 7-10=-474/232, 2-14=-81/905, 8-10=-257/958

NOTES

FORCES

TOP CHORD

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 7) any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 313 lb uplift at joint 15 and 243 lb uplift at joint 9. This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)

Job Truss Truss Type Qty Ply Daughtry Plan - Onsite
2501947-24508 C1E Common Supported Gable 1 1 1 Job Reference (optional)

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Structural wood sheathing directly applied or 6-0-0 oc purlins,

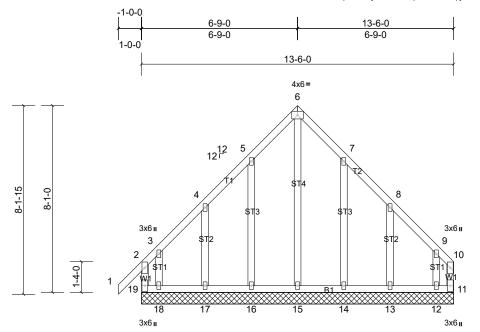
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 6-0-0 oc bracing

except end verticals.

Installation guide.

Page: 1



Scale = 1:44.8

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.00	11	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MR								
BCDL	10.0					1					Weight: 97 lb	FT = 20%

13-6-0

BRACING

TOP CHORD

BOT CHORD

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2

REACTIONS All bearings 13-6-0.

(lb) - Max Horiz 19=297 (LC 9)

Max Uplift All uplift 100 (lb) or less at joint(s) except 11=-346 (LC 11), 12=-327 (LC 13), 13=-162 (LC 13), 14=-155 (LC 13), 16=-156 (LC 12), 17=-159 (LC 12), 18=-372 (LC 9), 19=-349 (LC 8)

Max Grav All reactions 250 (lb) or less at joint(s) 13, 14, 16, 17 except 11=-350 (LC 9), 12=-375 (LC 14), 15=-349 (LC 13), 14=-389 (LC 13), 15=-349 (LC 13), 14=-389 (LC 13), 15=-349 (LC 1

11=359 (LC 8), 12=375 (LC 11), 15=348 (LC 13), 18=388 (LC 10), 19=427 (LC 9)

10), 19=427 (LC 9)

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

TOP CHORD 2-19=-252/227, 2-3=-276/244, 5-6=-297/375, 6-7=-297/375

WEBS 6-15=-436/276

NOTES

) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 6) All plates are 2x4 (||) MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- B) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 2-0-0 oc.
- 0) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 349 lb uplift at joint 19, 346 lb uplift at joint 11, 156 lb uplift at joint 16, 159 lb uplift at joint 17, 371 lb uplift at joint 18, 155 lb uplift at joint 14, 161 lb uplift at joint 13 and 327 lb uplift at joint 12.
- 13) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job Truss Truss Type Qty Daughtry Plan - Onsite 2501947-24508 C2 5 Common Job Reference (optional)

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13-6-0

6-9-0

except end verticals.

Installation guide.

Structural wood sheathing directly applied or 6-0-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 9-0-15 oc bracing

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1-0-0 6-9-0 13-6-0 6-9-0 6-9-0 1-0-0 13-6-0 4x6= 3 12 12 8-1-15 6x8 6x8= 5 \bigotimes 6 2x4 II 4x8= 2x4 II

Plate Offsets (X, Y): [2:0-3-8,Edge], [4:0-3-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.04	5-6	>999	240	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.08	5-6	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	-0.01	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 84 lb	FT = 20%

BOT CHORD

6-9-0

6-9-0

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 *Except* T2:2x4 SP No.1 2x4 SP No.2 **BOT CHORD**

WFBS 2x4 SP No 2

REACTIONS (lb/size) 5=460/0-5-8, (min. 0-1-8), 7=522/0-5-8, (min. 0-1-8)

Max Horiz 7=297 (LC 9)

Max Uplift 5=-119 (LC 12), 7=-134 (LC 12) Max Grav 5=525 (LC 2), 7=600 (LC 2)

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

TOP CHORD 2-3=-505/213, 3-4=-496/198, 2-7=-541/280, 4-5=-477/207 **BOT CHORD** 6-7=-417/477

WEBS 3-6=-6/268, 2-6=-226/423, 4-6=-154/291

NOTES

Scale = 1:44.8

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 6)
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 134 lb uplift at joint 7 and 119 lb uplift at joint 5.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	C3	Common	1	1	Job Reference (optional)

13-6-0

6-9-0

except end verticals.

Installation guide.

Structural wood sheathing directly applied or 6-0-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 9-0-15 oc bracing.

Page: 1

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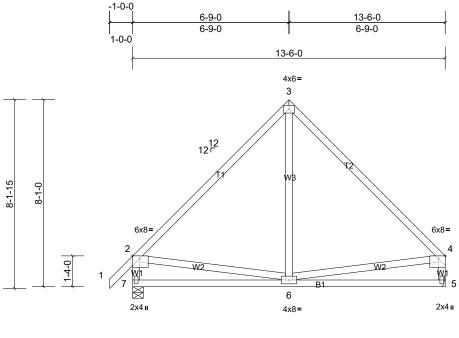


Plate Offsets (X, Y): [2:0-3-8,Edge], [4:0-3-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.04	5-6	>999	240	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.08	5-6	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	-0.01	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 84 lb	FT = 20%

BOT CHORD

6-9-0

6-9-0

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 *Except* T2:2x4 SP No.1 2x4 SP No.2 **BOT CHORD**

WFBS 2x4 SP No 2

REACTIONS (lb/size) 5=460/ Mechanical, (min. 0-1-8), 7=522/0-5-8, (min. 0-1-8) Max Horiz 7=297 (LC 9)

Max Uplift 5=-119 (LC 12), 7=-134 (LC 12) Max Grav 5=525 (LC 2), 7=600 (LC 2)

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

TOP CHORD 2-3=-505/213, 3-4=-496/198, 2-7=-541/280, 4-5=-477/207

BOT CHORD 6-7=-417/477

WEBS 3-6=-6/268, 2-6=-226/423, 4-6=-154/291

NOTES

Scale = 1:44.8

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 3) Ct=1.10
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 134 lb uplift at joint 7 and 119 lb uplift at joint 5.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. 9)

LOAD CASE(S)

Job Truss Truss Type Qty Daughtry Plan - Onsite 2501947-24508 C4 Common Job Reference (optional)

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13-6-0

6-9-0

except end verticals.

Installation guide.

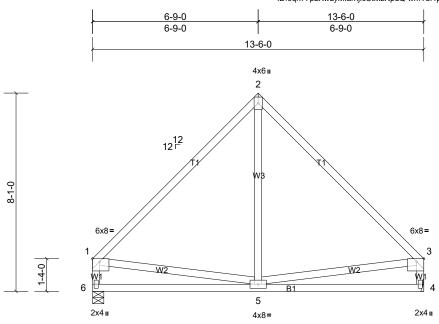
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Structural wood sheathing directly applied or 6-0-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing



Scale = 1:43.4

Plate Offsets (X, Y): [1:Edge,0-1-7], [3:0-3-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.55	Vert(LL)	-0.04	4-5	>999	240	MT20	244/190	
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.08	4-5	>999	180			
TCDL	10.0	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	4	n/a	n/a			
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS									
BCDI	10.0	İ		1		İ					Weight: 82 lb	FT = 20%	

BOT CHORD

6-9-0

6-9-0

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.1 2x4 SP No.2 **BOT CHORD**

WFBS 2x4 SP No.2

REACTIONS (lb/size) 4=462/ Mechanical, (min. 0-1-8), 6=462/0-5-8, (min. 0-1-8)

Max Horiz 6=-272 (LC 8)

Max Uplift 4=-118 (LC 12), 6=-118 (LC 13) Max Grav 4=528 (LC 2), 6=528 (LC 2)

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

TOP CHORD 1-2=-500/199, 2-3=-500/199, 1-6=-478/207, 3-4=-478/207

BOT CHORD 5-6=-339/401

WEBS 2-5=0/265, 1-5=-147/285, 3-5=-152/287

NOTES

Unbalanced roof live loads have been considered for this design.

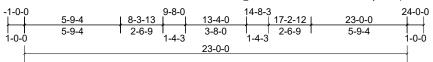
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.;
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 118 lb uplift at joint 6 and 118 lb uplift at joint 4.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

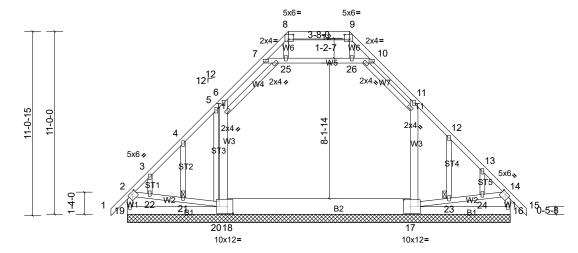
Job Truss Type Qty Daughtry Plan - Onsite Truss 2501947-24508 D1E Common Supported Gable Job Reference (optional)

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Page: 1





17-0-0 23-0-0 Scale = 1:63.4 6-0-0 11-0-0 6-0-0

Plate Offsets (X, Y): [2:0-2-12,0-1-8], [8:0-3-9,0-2-8], [9:0-3-9,0-2-8], [14:0-2-12,0-1-8], [17:0-4-12,0-5-0], [18:0-4-0,0-4-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.29	Horz(CT)	0.00	16	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 232 lb	FT = 20%

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 *Except* T2:2x6 SP No.2 2x6 SP DSS *Except* B2:2x12 SP DSS **BOT CHORD**

2x4 SP No.2 *Except* W3:2x6 SP No.2 WFBS

2x4 SP No.2 **OTHERS**

REACTIONS All bearings 23-0-0.

(lb) - Max Horiz 19=-401 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 16, 19 except 17=-387 (LC

13), 18=-387 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) except 16=532 (LC 2),

17=774 (LC 26), 18=776 (LC 25), 19=531 (LC 2)

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

TOP CHORD 2-19=-482/112, 2-3=-483/178, 3-4=-434/182, 4-5=-353/187, 6-7=-396/225, 7-8=-267/158, 9-10=-266/158,

10-11=-395/226, 11-12=-332/195, 12-13=-420/180, 13-14=-480/179, 14-16=-483/115

BOT CHORD 18-19=-380/436, 17-18=-207/350

WEBS 2-22=-298/424, 21-22=-299/424, 20-21=-315/439, 18-20=-297/432, 6-18=-430/367, 11-17=-383/360, 17-23=-338/468,

23-24=-319/450, 14-24=-313/445

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3) qualified building designer as per ANSI/TPI 1.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 6) Provide adequate drainage to prevent water ponding
- All plates are 2x4 (||) MT20 unless otherwise indicated. 7)
- 8) Gable requires continuous bottom chord bearing
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web). 9)
- Gable studs spaced at 2-0-0 oc. 10)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 11)
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 12) any other members, with BCDL = 10.0psf.
- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19, 16 except (jt=lb) 18=386, 17=386.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Attic room checked for L/360 deflection.

BOT CHORD

JOINTS

Structural wood sheathing directly applied or 6-0-0 oc purlins,

except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing. 1 Brace at Jt(s): 21, 23

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

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D1E	Common Supported Gable	1	1	Job Reference (optional)

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Page: 2

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D2	Common	5	1	Job Reference (optional)

Page: 1 ID:ERVjn8JTFQuSCjWccVe 58zNtkr-Oy6zwQqLQTQ1DTujosXsqKS0YcYgmBWRZASCswzNo7F

Structural wood sheathing directly applied or 4-4-5 oc purlins,

installed during truss erection, in accordance with Stabilizer

4-7

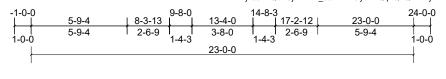
MiTek recommends that Stabilizers and required cross bracing be

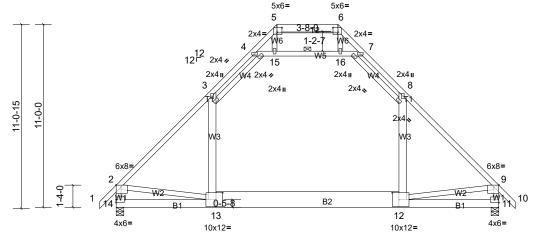
Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

1 Row at midpt

Installation guide.





Scale = 1:63.4

-	6-0-0	17-0-0	23-0-0
1	6-0-0	11-0-0	6-0-0

TOP CHORD

BOT CHORD WEBS

Plate Offsets (X, Y): [2:0-3-8,Edge], [5:0-3-9,0-2-8], [6:0-3-9,0-2-8], [9:0-3-8,Edge], [11:Edge,0-2-0], [12:0-4-12,0-5-0], [13:0-4-12,0-5-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.82	Vert(LL)	-0.31	12-13	>882	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.37	Vert(CT)	-0.51	12-13	>536	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.09	12-13	>999	360		
BCDL	10.0										Weight: 209 lb	FT = 20%

LUMBER **BRACING**

TOP CHORD 2x4 SP DSS *Except* T2:2x6 SP No.2 2x6 SP DSS *Except* B2:2x12 SP DSS **BOT CHORD**

WFBS

2x4 SP No.2 *Except* W3:2x6 SP No.2

REACTIONS (lb/size) 11=1040/0-5-8, (min. 0-1-8), 14=1040/0-5-8, (min. 0-1-8)

Max Horiz 14=-401 (LC 10)

Max Uplift 11=-109 (LC 13), 14=-109 (LC 12) Max Grav 11=1352 (LC 3), 14=1352 (LC 3)

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. 2-3=-1394/158, 3-4=-863/287, 5-6=-95/407, 7-8=-863/287, 8-9=-1394/158, 2-14=-1235/229, 9-11=-1236/229

TOP CHORD **BOT CHORD** 13-14=-502/822, 12-13=-32/925, 11-12=-314/548

WEBS 3-13=-57/544, 8-12=-56/544, 4-15=-1187/482, 15-16=-1190/478, 7-16=-1187/482, 2-13=-203/671, 9-12=-212/674

NOTES

FORCES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members
- Ceiling dead load (10.0 psf) on member(s). 3-4, 7-8, 4-15, 15-16, 7-16
- Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-13
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 109 lb uplift at joint 14 and 109 lb uplift at joint 11.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Attic room checked for L/360 deflection.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D3	Common	8	1	Job Reference (optional)

Page: 1

ID:ERVin8JTFQuSCiWccVe 58zNtkr-Ov6zwQqLQTQ1DTuiosXsqKS4wcYomAiRZASCswzNo7F

Structural wood sheathing directly applied or 5-7-12 oc purlins,

4-7

MiTek recommends that Stabilizers and required cross bracing be

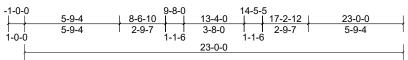
installed during truss erection, in accordance with Stabilizer

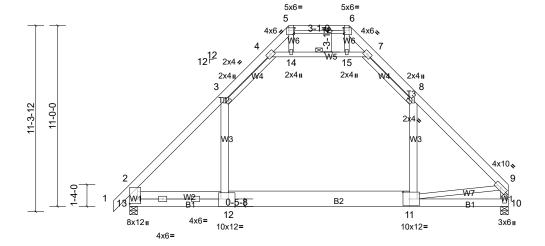
Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

1 Row at midpt

Installation guide.





Scale = 1:64.1

6-0-0	17-0-0	23-0-0
6-0-0	11-0-0	6-0-0

BOT CHORD

WEBS

Plate Offsets (X, Y): [3:0-2-0,0-0-8], [5:0-4-4,0-1-12], [6:0-4-4,0-1-12], [11:0-4-12,0-5-0], [12:0-4-12,Edge], [13:Edge,0-5-8], [16:0-2-0,0-0-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.54	Vert(LL)	-0.19	11-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.30	11-12	>913	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.02	10	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.16	12-13	>866	360		
BCDL	10.0										Weight: 232 lb	FT = 20%

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x6 SP DSS *Except* T2:2x4 SP No.2 2x6 SP DSS *Except* B2:2x12 SP DSS **BOT CHORD**

WFBS 2x4 SP No.2 *Except* W3,W1,W2:2x6 SP No.2

REACTIONS (lb/size) 10=996/0-5-8, (min. 0-1-8), 13=1188/0-5-8, (min. 0-1-13)

Max Horiz 13=392 (LC 9)

Max Uplift 10=-56 (LC 13), 13=-20 (LC 12) Max Grav 10=1352 (LC 3), 13=1802 (LC 3)

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. 2-3=-1709/155, 3-4=-944/288, 4-5=-126/259, 5-6=-89/468, 7-8=-966/284, 8-9=-1553/143, 2-13=-1440/241,

9-10=-1349/162

12-13=-18/1007, 11-12=-8/1028, 10-11=-232/365

WEBS 3-12=-83/748, 8-11=0/675, 4-14=-1406/464, 14-15=-1395/466, 7-15=-1401/463, 9-11=-145/840

NOTES

FORCES

TOP CHORD

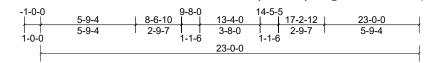
BOT CHORD

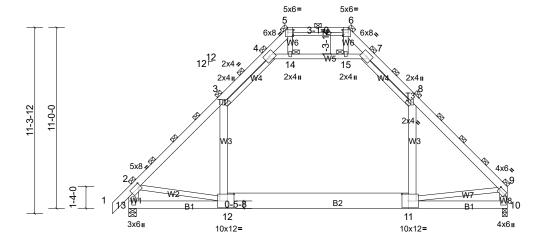
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 3) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members
- Ceiling dead load (10.0 psf) on member(s). 2-3, 3-4, 7-8, 4-14, 14-15, 7-15

 Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-13, 11-12
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 13 and 56 lb uplift at joint 10. 10)
- 11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) Attic room checked for L/360 deflection.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D3A	Common	2	1	Job Reference (optional)

Page: 1 ID:ERVin8JTFQuSCiWccVe 58zNtkr-s8fL7mrzBnYuadTvLZ25NX?EO0sXVeVboqBIOMzNo7E





6-0-0 17-0-0 23-0-0 Scale = 1:64.1 6-0-0 11-0-0 6-0-0

Plate Offsets (X, Y): [2:0-1-8,0-2-12], [3:0-2-0,0-0-8], [5:0-4-4,0-1-12], [6:0-4-4,0-1-12], [9:0-0-12,0-2-0], [11:0-4-12,0-5-0], [12:0-4-12,0-5-0], [16:0-2-0,0-0-8]

Loading	(psf)	Spacing	2-9-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	0.21	10-11	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.32	11-12	>834	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.01	10	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.10	11-12	>999	360		
BCDL	10.0										Weight: 229 lb	FT = 20%

LUMBER **BRACING**

TOP CHORD 2x6 SP DSS *Except* T2:2x4 SP No.2 TOP CHORD 2-0-0 oc purlins (5-2-13 max.), except end verticals 2x6 SP DSS *Except* B2:2x12 SP DSS **BOT CHORD** (Switched from sheeted: Spacing > 2-0-0). WFBS 2x4 SP No.2 *Except* W3,W8:2x6 SP No.2, W1:2x8 SP DSS **BOT CHORD** Rigid ceiling directly applied or 8-5-2 oc bracing

JOINTS 1 Brace at Jt(s): 5, 6, 9, 2, 14, REACTIONS (lb/size) 10=1336/0-3-8, (min. 0-1-12), 13=1433/0-5-8, (min. 0-1-14)

Max Horiz 13=541 (LC 9)

Max Uplift 10=-95 (LC 13), 13=-150 (LC 12) Max Grav 10=1763 (LC 3), 13=1863 (LC 3)

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

TOP CHORD 2-3=-2013/261, 3-4=-1221/408, 4-5=-219/284, 5-6=-126/510, 6-7=-229/282, 7-8=-1225/413, 8-9=-1980/229,

2-13=-1818/377, 9-10=-1715/252

BOT CHORD 12-13=-727/1118, 11-12=-62/1299, 10-11=-333/579 **WEBS** 3-12=-12/847, 8-11=-21/795, 4-14=-1669/672, 14-15=-1651/676, 7-15=-1660/673, 9-11=-297/1017, 2-12=-329/965

NOTES

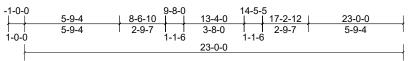
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding. 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 7) any other members
- Ceiling dead load (10.0 psf) on member(s). 3-4, 7-8, 4-14, 14-15, 7-15 8)
- Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 11-12
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 150 lb uplift at joint 13 and 95 lb uplift at joint 10. 10)
- 11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- Attic room checked for L/360 deflection.

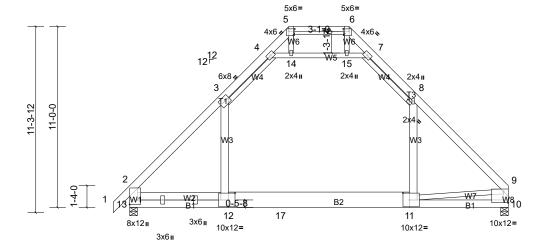
Job Truss Type Qty Daughtry Plan - Onsite Truss Ply 2501947-24508 D4G 2 Common Job Reference (optional)

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Page: 1





Scale = 1:64.1

l	6-0-0	17-0-0	23-0-0
1	6-0-0	11-0-0	6-0-0

Plate Offsets (X, Y): [5:0-4-4,0-1-12], [6:0-4-4,0-1-12], [10:Edge,0-8-4], [11:0-4-12,0-5-0], [12:0-4-12,0-5-0], [13:Edge,0-5-8], [16:0-2-0,0-0-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	0.20	11-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.53	Vert(CT)	-0.38	11-12	>716	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.21	Horz(CT)	0.02	10	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.08	12-13	>845	360		
BCDL	10.0										Weight: 464 lb	FT = 20%

LUMBER **BRACING**

TOP CHORD 2x6 SP DSS *Except* T2:2x4 SP No.2 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins,

2x6 SP DSS *Except* B2:2x12 SP DSS **BOT CHORD** except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.2 *Except* W3,W1,W2:2x6 SP No.2 **BOT CHORD** WFBS

REACTIONS (lb/size) 10=2355/0-5-8, (min. 0-1-9), 13=2221/0-5-8, (min. 0-1-11)

Max Horiz 13=391 (LC 7)

Max Uplift 13=-135 (LC 10)

Max Grav 10=3051 (LC 24), 13=3382 (LC 23)

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

2-3=-3660/0, 3-4=-1775/64, 4-5=-80/951, 5-6=0/1479, 6-7=0/850, 7-8=-1818/105, 8-9=-3396/0, 2-13=-3029/0,

12-13=0/2176, 12-17=0/2291, 11-17=0/2245, 10-11=0/650

WEBS 3-12=-3/2365, 8-11=0/2022, 4-14=-3658/119, 14-15=-3649/124, 7-15=-3662/123, 9-11=-322/1704

NOTES

BOT CHORD

- 2-ply truss to be connected together with 10d (0.148"x3") nails as follows: 1)
 - Top chords connected as follows: 2x6 2 rows staggered at 0-9-0 oc, 2x4 1 row at 0-9-0 oc.
 - Bottom chords connected as follows: 2x6 2 rows staggered at 0-9-0 oc, 2x12 2 rows staggered at 0-7-0 oc.
 - Web connected as follows: 2x6 2 rows staggered at 0-9-0 oc, 2x4 1 row at 0-9-0 oc
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to 2) distribute only loads noted as (F) or (B), unless otherwise indicated.
- 3) Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 5) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 8)
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 9) any other members
- 10) Ceiling dead load (10.0 psf) on member(s). 2-3, 3-4, 7-8, 4-14, 14-15, 7-15
- Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-13, 11-12
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 135 lb uplift at joint 13.
- 13) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 14) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1953 lb down and 875 lb up at 9-0-8 on bottom chord. The design/ 15) selection of such connection device(s) is the responsibility of others.
- Attic room checked for L/360 deflection.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D4G	Common	1	2	Job Reference (optional)

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Page: 2

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb/ft)

Vert: 1-2=-50, 2-4=-70, 4-5=-50, 5-6=-60, 6-7=-50, 7-8=-70, 8-9=-50, 13-17=-30, 11-17=-130 (F=-100), 10-11=-120 (F=-100), 4-14=-20, 14-15=-20, 7-15=-20

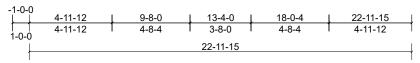
Concentrated Loads (lb) Vert: 17=-1017 (F)

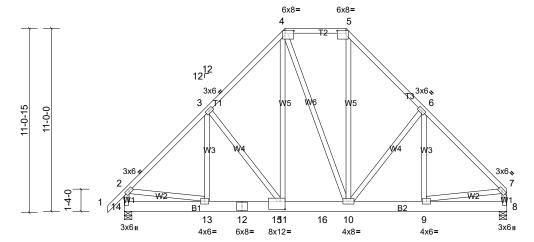
Job Truss Truss Type Qty Ply Daughtry Plan - Onsite
2501947-24508 D5G Common Girder 1 2 Job Reference (optional)

Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:51

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Page: 1





Scale = 1:63.4

l	4-11-12	9-6-4	13-5-12	18-0-4	22-11-15
1	4-11-12	4-6-8	3-11-8	4-6-8	4-11-12

Plate Offsets (X, Y): [4:0-6-4,0-1-12], [5:0-6-4,0-1-12], [11:0-3-8,0-5-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	0.04	11-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	-0.07	11-13	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.34	Horz(CT)	0.01	8	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 436 lb	FT = 20%

LUMBER BRACING

TOP CHORD 2x4 SP No.2 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins,

BOT CHORD 2x8 SP DSS except end verticals.

WEBS 2x4 SP No.2 *Except* W1:2x4 SP No.3 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=2207/0-5-8, (min. 0-1-8), 14=1952/0-5-8, (min. 0-1-8)

Max Horiz 14=387 (LC 9) Max Uplift 14=-363 (LC 10)

Max Grav 8=2607 (LC 23), 14=2579 (LC 22)

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

TOP CHORD 2-3=-2861/417, 3-4=-2784/467, 4-5=-1669/202, 5-6=-2468/170, 6-7=-2684/0, 2-14=-2511/395, 7-8=-2284/0
BOT CHORD 13-14=-415/500, 12-13=-383/2164, 12-15=-383/2164, 11-15=-383/2164, 11-16=-237/1989, 10-16=-237/1989,

9-10=0/1872

WEBS 3-11=-230/380, 4-11=-842/2416, 4-10=-734/751, 5-10=-52/1570, 6-10=-453/152, 6-9=0/541, 2-13=-163/1863, 7-9=0/1711

NOTES

- 1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
 - Top chords connected as follows: 2x4 1 row at 0-9-0 oc.
 - Bottom chords connected as follows: 2x8 2 rows staggered at 0-7-0 oc.
 - Web connected as follows: 2x4 1 row at 0-9-0 oc.
- 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 3) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 5) TCLL: ASCE 7-10, Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15), Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 7) Provide adequate drainage to prevent water ponding.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 363 lb uplift at joint 14.
- 1) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2145 lb down and 937 lb up at 9-0-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D5G	Common Girder	1	2	Job Reference (optional)

Page: 2 $ID: KUtiyYuZullWySgaXTlhk_zNsMJ-s8fL7mrzBnYuqdTvLZ25NX?JC0yeVdtboqBiOMzNo7E$

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D6	Common	1	1	Job Reference (optional)

ID:Xe?kC9a3WEoq6LE1b BfbdzNsIE-KLDjL6scx5glSn16vHZKwlXTyP7BE?Tk0UxJxozNo7D

Structural wood sheathing directly applied or 5-9-12 oc purlins,

5-11

MiTek recommends that Stabilizers and required cross bracing be

installed during truss erection, in accordance with Stabilizer

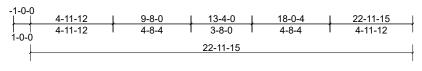
Rigid ceiling directly applied or 10-0-0 oc bracing.

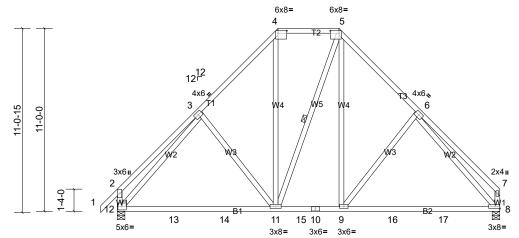
except end verticals.

1 Row at midpt

Installation guide.

Page: 1





9-6-4 22-11-15 Scale = 1:63.4 9-6-4 3-11-8 9-6-4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	-0.22	11-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.81	Vert(CT)	-0.44	8-9	>623	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.02	8	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0	1									Weight: 176 lb	FT = 20%

BOT CHORD

WEBS

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 2x4 SP No.2 **BOT CHORD**

WFBS 2x4 SP No 2

REACTIONS (lb/size) 8=812/0-5-8, (min. 0-1-8), 12=872/0-5-8, (min. 0-1-8)

Max Horiz 12=395 (LC 9)

Max Uplift 8=-173 (LC 13), 12=-209 (LC 12)

Max Grav 8=924 (LC 3), 12=979 (LC 3)

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

TOP CHORD 2-3=-430/293, 3-4=-868/457, 4-5=-663/411, 5-6=-870/459, 6-7=-396/209, 2-12=-456/341, 7-8=-371/203 **BOT CHORD** 12-13=-270/764, 13-14=-270/764, 11-14=-270/764, 11-15=-92/569, 10-15=-92/569, 9-10=-92/569, 9-16=-97/595,

16-17=-97/595, 8-17=-97/595

WEBS 3-11=-335/350, 4-11=-160/396, 5-9=-191/429, 6-9=-341/353, 3-12=-699/115, 6-8=-718/176

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 7) any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 209 lb uplift at joint 12 and 173 lb uplift at joint 8.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D7	Common	3	1	Job Reference (optional)

ID:?HVFGtBNI5eVeGDh9Z5wlgzNsll-KLDjL6scx5glSn16vHZKwlXP1P7sEzhk0UxJxozNo7D

Structural wood sheathing directly applied or 5-10-4 oc purlins,

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 9-1-5 oc bracing. Except:

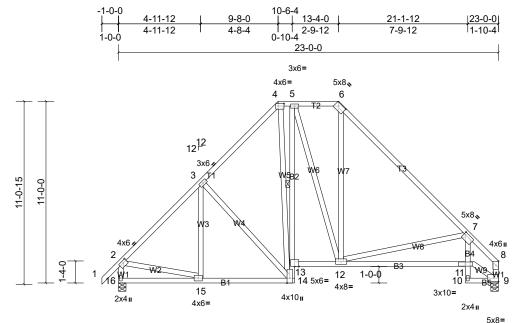
installed during truss erection, in accordance with Stabilizer

except end verticals.

Installation guide.

5 - 13

Page: 1



Scale = 1:63.4

1	4-11-12	10-8-0	[13-5-12	21-0-0	[23-0-0]
- 1	4-11-12	5-8-4	2-9-12	7-6-4	2-0-0

BOT CHORD

1 Row at midpt

Plate Offsets (X, Y): [2:0-2-12,0-1-8], [4:0-4-4,0-1-12], [6:0-5-4,0-2-0], [7:0-1-0,0-1-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.12	11-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.27	11-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.20	9	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0]									Weight: 190 lb	FT = 20%

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2 *Except* T3:2x4 SP DSS
 TOP CHORD

TOP CHORD 2x4 SP No.2 *Except* T3:2x4 SP DSS BOT CHORD 2x4 SP No.2 *Except* B4:2x4 SP No.1

WEBS 2x4 SP No.2 *Except* B4:2x4 SP No.1

REACTIONS (lb/size) 9=812/0-5-8, (min. 0-1-8), 16=872/0-5-8, (min. 0-1-8)

Max Horiz 16=395 (LC 11)

Max Uplift 9=-173 (LC 13), 16=-209 (LC 12)

Max Grav 9=907 (LC 2), 16=979 (LC 2)

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

TOP CHORD 2-3=-945/350, 3-4=-820/443, 4-5=-650/407, 5-6=-705/414, 6-7=-953/375, 7-8=-913/274, 2-16=-927/382, 8-9=-797/190

BOT CHORD 15-16=-409/430, 14-15=-246/705, 13-14=-198/263, 12-13=-152/532, 11-12=-409/1014, 9-10=-209/409

WEBS 3-14=-389/303, 5-12=-137/268, 6-12=-77/279, 7-12=-758/589, 2-15=-31/530

NOTES

FORCES

Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- 4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.

5) Provide adequate drainage to prevent water ponding.

- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 209 lb uplift at joint 16 and 173 lb uplift at joint 9.
- 9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

 Job
 Truss
 Truss Type
 Qty
 Ply
 Daughtry Plan - Onsite

 2501947-24508
 D8
 Common
 4
 1
 Job Reference (optional)

Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:52

ID:k1cl?DO5SRf82wdUhFz QAzNspL-KLDjL6scx5glSn16vHZKwlXNlP8tEzSk0UxJxozNo7D

Structural wood sheathing directly applied or 6-0-0 oc purlins,

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 9-4-14 oc bracing. Except:

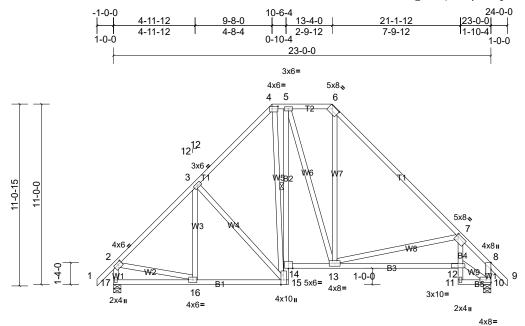
installed during truss erection, in accordance with Stabilizer

except end verticals.

Installation guide.

5-14

Page: 1



Scale = 1:63.4

ı	4-11-12	10-8-0	[13-5-12	[21-0-0	[23-0-0]
1	4-11-12	5-8-4	2-9-12	7-6-4	2-0-0

Plate Offsets (X, Y): [2:0-2-12,0-1-8], [4:0-4-4,0-1-12], [6:0-5-4,0-2-0], [7:0-1-4,0-1-12], [8:0-4-15,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.71	Vert(LL)	-0.11	12-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.77	Vert(CT)	-0.26	12-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.19	10	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 192 lb	FT = 20%

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP DSS *Except* T2:2x4 SP No.2
 TOP CHORD

TOP CHORD 2x4 SP DSS *Except* T2:2x4 SP No.2 BOT CHORD 2x4 SP No.2 *Except* B4:2x4 SP No.1

WEBS 2x4 SP No.2 BOT CHORD

1 Row at midpt

REACTIONS (lb/size) 10=870/0-5-8, (min. 0-1-8), 17=870/0-5-8, (min. 0-1-8)

Max Horiz 17=408 (LC 11)

Max Uplift 10=-209 (LC 13), 17=-209 (LC 12) Max Grav 10=977 (LC 2), 17=977 (LC 2)

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

TOP CHORD 2-3=-943/352, 3-4=-821/441, 4-5=-650/407, 5-6=-708/405, 6-7=-950/363, 7-8=-954/264, 2-17=-926/383, 8-10=-913/252

BOT CHORD 16-17=-388/450, 15-16=-231/723, 14-15=-189/265, 13-14=-136/550, 12-13=-332/1069, 10-11=-167/393

WEBS 3-15=-388/306, 5-13=-126/263, 6-13=-77/278, 7-13=-772/569, 2-16=-27/530

NOTES

FORCES

Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- 4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.

5) Provide adequate drainage to prevent water ponding.

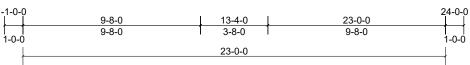
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 209 lb uplift at joint 17 and 209 lb uplift at joint 10.
- 9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job Truss Type Qty Daughtry Plan - Onsite Truss 2501947-24508 D9E Common Supported Gable Job Reference (optional)

Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:53

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Page: 1



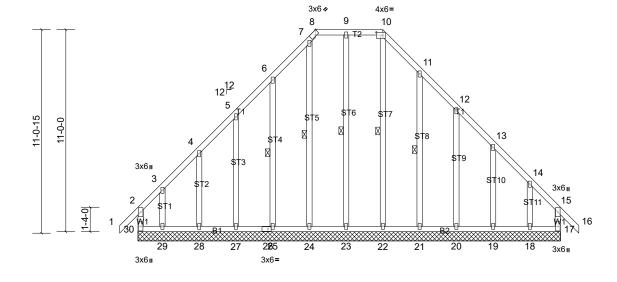


Plate Offsets (X, Y): [8:0-2-8, Edge], [10:0-4-4,0-1-12], [26:0-2-0,0-1-8]

		ı										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.01	17	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MR		i						
BCDL	10.0	ĺ				İ					Weight: 197 lb	FT = 20%

LUMBER **BRACING** TOP CHORD 2x4 SP No.2

2x4 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2

OTHERS 2x4 SP No.2

REACTIONS All bearings 23-0-0.

(lb) - Max Horiz 30=-408 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 23, 24 except 17=-234 (LC 9), 18=-299 (LC 13), 19=-132 (LC 13), 20=-170 (LC 13),

21=-157 (LC 13), 25=-191 (LC 12), 27=-160 (LC 12), 28=-137 (LC 12), 29=-340 (LC 12), 30=-363 (LC 8)

Max Grav All reactions 250 (lb) or less at joint(s) 19, 20, 21, 23, 25, 27,

28 except 17=281 (LC 24), 18=306 (LC 11), 22=256 (LC 12), 24=260 (LC 13), 29=380 (LC 10), 30=396 (LC 11)

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

TOP CHORD 2-30=-276/270, 2-3=-328/333, 4-5=-176/285, 5-6=-284/399, 6-7=-421/563, 7-8=-286/373, 8-9=-329/443, 9-10=-330/443,

10-11=-424/563, 11-12=-309/429, 12-13=-191/287

WEBS 10-22=-274/165

NOTES

Scale = 1:57

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads
- Provide adequate drainage to prevent water ponding. 6)
- All plates are 2x4 (||) MT20 unless otherwise indicated 7)
- Gable requires continuous bottom chord bearing. 8)
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web). 9)
- Gable studs spaced at 2-0-0 oc. 10)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 11)
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 12) any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 23, 24 except (jt=lb) 30=363, 17=233, 25=190, 27=159, 28=136, 29=340, 21=156, 20=169, 19=132, 18=298.

WEBS

23-0-0

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins,

except end verticals. **BOT CHORD**

Rigid ceiling directly applied or 6-0-0 oc bracing. 1 Row at midpt

10-22, 9-23, 7-24, 6-25, 11-21

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

Installation guide.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	D9E	Common Supported Gable	1	1	Job Reference (optional)

 $ID: YuFjuDUqEBazDIhZGR7ypKzNqYd-oXn5YSsEiOoc4xcIT_5ZSy4gwpbrzaAtF8gsTFzNo7C$

Page: 2

14) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

 Job
 Truss
 Truss Type
 Qty
 Ply
 Daughtry Plan - Onsite

 2501947-24508
 FT1
 Flat Girder
 1
 2
 Job Reference (optional)

Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:53

ID:U86xiGQO0ZMsTug9K?wwHPzNqzp-oXn5YSsEiOoc4xcIT_5ZSy4enpYqzYptF8gsTFzNo7C

Structural wood sheathing directly applied or 6-0-0 oc purlins,

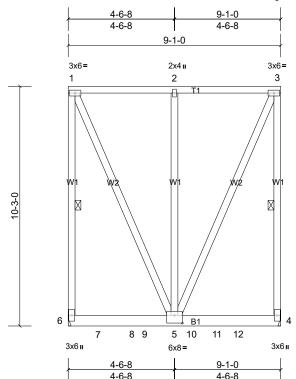
1-6. 3-4

Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

1 Row at midpt

Page: 1



Scale = 1:40.8

Plate Offsets (X, Y): [5:0-4-0,0-4-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	0.03	5-6	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.40	Vert(CT)	-0.04	5-6	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.31	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		1						
BCDL	10.0	ĺ									Weight: 216 lb	FT = 20%

BOT CHORD

WEBS

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2
 TOP CHORD

TOP CHORD 2x4 SP No.2 BOT CHORD 2x6 SP No.2

WEBS 2x4 SP No.2

REACTIONS (lb/size) 4=1037/ Mechanical, (min. 0-1-8), 6=1127/ Mechanical, (min. 0-1-8)

Max Horiz 6=-476 (LC 8)

Max Uplift 4=-863 (LC 9), 6=-925 (LC 8) Max Grav 4=1973 (LC 25), 6=2170 (LC 26)

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

TOP CHORD 1-6=-1446/718, 1-2=-587/201, 2-3=-587/201, 3-4=-1447/719 BOT CHORD 6-7=-409/371, 7-8=-409/371, 8-9=-409/371, 5-9=-409/371

WEBS 1-5=-725/1533, 2-5=-308/210, 3-5=-726/1535

NOTES

- 1) 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
 - Top chords connected as follows: 2x4 1 row at 0-9-0 oc.
 - Bottom chords connected as follows: 2x6 2 rows staggered at 0-9-0 oc.
 - Web connected as follows: 2x4 1 row at 0-9-0 oc.
- 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 3) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 5) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10 Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
- 6) Unbalanced snow loads have been considered for this design.
- 7) Provide adequate drainage to prevent water ponding.
- 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 10) Refer to girder(s) for truss to truss connections.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 925 lb uplift at joint 6 and 863 lb uplift at joint 4.
- 12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 804 lb down and 253 lb up at 1-3-4, 804 lb down and 253 lb up at 3-3-4, and 804 lb down and 253 lb up at 5-3-4, and 804 lb down and 253 lb up at 7-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	FT1	Flat Girder	1	2	Job Reference (optional)

Page: 2 $ID: U86x iGQO0ZMsTug9K?wwHPzNqzp-oXn5YSsEiOoc4xcIT_5ZSy4enpYqzYptF8gsTFzNo7C$

Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb/ft) Vert: 1-3=-60, 4-6=-20 Concentrated Loads (lb) Vert: 7=-365 (B), 9=-365 (B), 10=-365 (B), 12=-365 (B) 1)

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	M1	Monopitch	14	1	Job Reference (optional)

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Structural wood sheathing directly applied or 6-0-0 oc purlins,

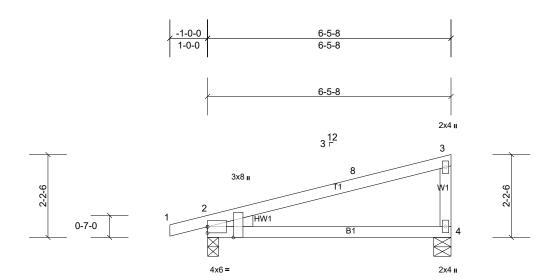
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing

except end verticals.

Installation guide.

Page: 1



Scale = 1:23.2

Plate Offsets (X, Y): [2:Edge,0-1-15], [2:0-3-6,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.57	Vert(LL)	0.11	4-7	>700	240	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.50	Vert(CT)	-0.16	4-7	>459	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.02	2	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 25 lb	FT = 20%

6-5-8

BOT CHORD

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 2x4 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2

Left: 2x4 SP No.2 WEDGE

REACTIONS (lb/size) 2=275/0-3-8, (min. 0-1-8), 4=217/0-5-8, (min. 0-1-8)

Max Horiz 2=102 (LC 13)

Max Uplift 2=-141 (LC 10), 4=-91 (LC 14)

Max Grav 2=317 (LC 2), 4=248 (LC 2)

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

NOTES

- Unbalanced roof live loads have been considered for this design. 1)
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1 10
- Unbalanced snow loads have been considered for this design.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 4 and 141 lb uplift at joint 2.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	M1GE	Monopitch Supported Gable	1	1	Job Reference (optional)

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2x4 II

except end verticals.

Installation guide.

Structural wood sheathing directly applied or 6-0-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing

2x4

6-0-0

BOT CHORD

4x6=

Scale = 1:22.9

Plate Offsets (X, Y): [2:Edge,0-1-15], [2:0-3-6,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.38	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	2	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0	1									Weight: 25 lb	FT = 20%

LUMBERBRACINGTOP CHORD2x4 SP No.2TOP CHORD

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2

WEDGE Left: 2x4 SP No.2

REACTIONS All bearings 6-0-0.

(lb) - Max Horiz 2=96 (LC 13), 7=96 (LC 13)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 7

Max Grav All reactions 250 (lb) or less at joint(s) 2, 5, 7 except 6=322 (LC

2)

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

NOTES

-) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; BCDL=6.0psf; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) Unbalanced snow loads have been considered for this design.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Gable requires continuous bottom chord bearing.
-) Gable studs spaced at 2-0-0 oc.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- *This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 2.
- 12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	M2	Monopitch	8	1	Job Reference (optional)

11-5-8

5-10-4

except end verticals.

Installation guide.

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Structural wood sheathing directly applied or 5-9-15 oc purlins,

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

Rigid ceiling directly applied or 9-2-3 oc bracing

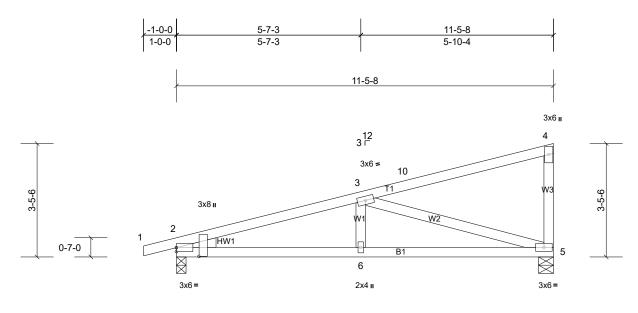


Plate Offsets (X, Y): [2:Edge,0-1-7], [2:0-3-2,0-8-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	-0.03	5-6	>999	240	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.08	5-6	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.01	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 53 lb	FT = 20%

BOT CHORD

5-7-3

5-7-3

LUMBERBRACINGTOP CHORD2x4 SP No.2TOP CHORD

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2

WEBS 2x4 SP No.2

WEDGE Left: 2x4 SP No.2

REACTIONS (lb/size) 2=448/0-3-8, (min. 0-1-8), 5=394/0-5-8, (min. 0-1-8)

Max Horiz 2=170 (LC 13)

Max Uplift 2=-204 (LC 10), 5=-165 (LC 14) Max Grav 2=515 (LC 2), 5=450 (LC 2)

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

TOP CHORD 2-3=-915/445

BOT CHORD 2-6=-408/863, 5-6=-408/863

WEBS 3-5=-866/485

NOTES

Scale = 1:30.2

1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; b=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 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 2.00 times flat roof load of 15.0 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 8) Próvide mechanical connection (by others) of truss to bearing plate capable of withstanding 204 lb uplift at joint 2 and 165 lb uplift at joint 5.
- 9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	M2GE	Monopitch Supported Gable	1	1	Job Reference (optional)

Page: 1

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Structural wood sheathing directly applied or 6-0-0 oc purlins,

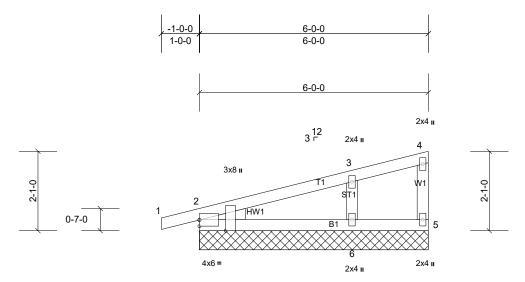
installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing

except end verticals.

Installation guide.



Scale = 1:22.9

Plate Offsets (X, Y): [2:Edge,0-1-15], [2:0-3-6,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.38	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	2	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0	İ									Weight: 25 lb	FT = 20%

6-0-0

BOT CHORD

LUMBERBRACINGTOP CHORD2x4 SP No.2TOP CHORD

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2

WEDGE Left: 2x4 SP No.2

REACTIONS All bearings 6-0-0.

(lb) - Max Horiz 2=96 (LC 13), 7=96 (LC 13)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 7

Max Grav All reactions 250 (lb) or less at joint(s) 2, 5, 7 except 6=322 (LC

2)

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

NOTES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; BCDL=6.0psf; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) Unbalanced snow loads have been considered for this design.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 7) Gable requires continuous bottom chord bearing.
-) Gable studs spaced at 2-0-0 oc.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 2.
- 12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	M3	Monopitch	4	1	Job Reference (optional)

Page: 1

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Structural wood sheathing directly applied or 5-0-5 oc purlins,

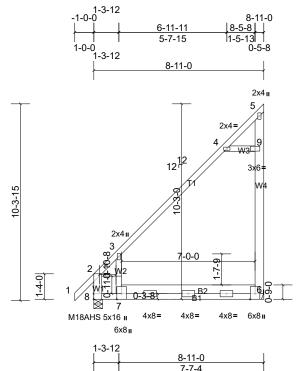
installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 7-2-13 oc bracing

except end verticals.

Installation guide.



Scale = 1:51.4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.69	Vert(LL)	-0.09	6-7	>999	240	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.13	6-7	>763	180	M18AHS	186/179
TCDL	10.0	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS		Attic	-0.07	6-7	>999	360		
BCDL	10.0										Weight: 80 lb	FT = 20%

BRACING

TOP CHORD

1-3-12

LUMBER TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP DSS *Except* B2:2x6 SP No.2

2x4 SP No.2 *Except* W4:2x6 SP No.2 **BOT CHORD**

REACTIONS (lb/size) 6=385/ Mechanical, (min. 0-1-8), 8=463/0-5-8, (min. 0-1-8)

Max Horiz 8=508 (LC 9)

Max Uplift 6=-241 (LC 9) Max Grav 6=824 (LC 25), 8=795 (LC 26)

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

FORCES 2-3=-990/780, 3-4=-444/322, 4-5=-613/697, 6-9=-516/441, 5-9=-506/447, 2-8=-814/735 TOP CHORD

BOT CHORD 7-8=-283/300, 6-7=-283/300 **WEBS** 3-7=-857/712, 4-9=-487/423

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown, Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 3) Ct=1.10
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 5) All plates are MT20 plates unless otherwise indicated.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 7) any other members.
- Ceiling dead load (5.0 psf) on member(s). 3-4, 4-9; Wall dead load (10.0psf) on member(s).3-7
- Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 6-7 9)
- 10) Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 241 lb uplift at joint 6. 11)
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. 12)
- 13) ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

Job Truss Truss Type Qty Daughtry Plan - Onsite 2501947-24508 M3GE Monopitch Supported Gable Job Reference (optional)

> Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:54 ID:Y2Sp4D5skCWI ?d1qdGtL8zNpgK-GjLUlotsTiwTh5BU1ico?Adt0Dzli3V1UoQP?hzNo7B

> > Structural wood sheathing directly applied or 6-0-0 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing

except end verticals.

Installation guide.

Page: 1

-1-0-0 11-0-0 1-0-0 11-0-0 11-0-0 3 ¹² 6 17 ⁵ 4 3x8 II HW1 0 - 7 - 0В1 8

11-0-0 Scale = 1:29.9

3x6=

Plate Offsets (X, Y): [2:Edge,0-1-7], [2:0-3-2,0-8-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 50 lb	FT = 20%

BOT CHORD

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2 2x4 SP No.2 **BOT CHORD** WFBS 2x4 SP No.2 OTHERS 2x4 SP No 2

WEDGE Left: 2x4 SP No.2

REACTIONS All bearings 11-0-0.

(lb) - Max Horiz 2=164 (LC 13), 13=164 (LC 13)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 8, 9, 10, 11, 13 except

12=-101 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 8, 9, 10, 11, 12, 13

FORCES NOTES

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

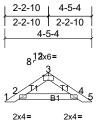
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3) qualified building designer as per ANSI/TPI 1.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10
- Unbalanced snow loads have been considered for this design.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- All plates are 2x4 (||) MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc. 9)
- 10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 9, 10, 11, 2 except (jt=lb) 12=100.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. 13)

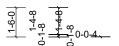
LOAD CASE(S)

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	PB1	Piggyback	5	1	Job Reference (optional)

ID: ?wdLBrH78 PpY Uoo4KNWzNrbl-kwvsz8uUE02KJFmhaP71XN93PdKkRW5AjS9zX7zNo7A

Page: 1





Scale = 1:55.3

0-8-9		4-5-4
ll	3-8-11	ll
	3-0-2	11
0-8-9		0-8-9

Structural wood sheathing directly applied or 4-6-0 oc purlins.

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing.

Installation guide.

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999			
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	10	n/a	n/a			
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP									
BCDL	10.0										Weight: 12 lb	FT = 20%	

BRACING

TOP CHORD

BOT CHORD

LUMBER

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2

Plate Offsets (X, Y): [3:0-3-0,Edge]

REACTIONS All bearings 3-0-2.

(lb) - Max Horiz 2=43 (LC 11), 6=43 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 6, 10

Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 10

FORCES NOTES

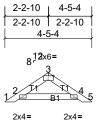
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 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 3) qualified building designer as per ANSI/TPI 1. TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4)
- Ct=1.10 This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Gable requires continuous bottom chord bearing. 6)
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 2, 4.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	PB1GE	Piggyback	1	1	Job Reference (optional)

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Page: 1



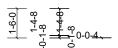
Structural wood sheathing directly applied or 4-6-0 oc purlins.

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing.

Installation guide.



3-8-11 3-0-2 Scale = 1:55.3

Plate Offsets (X, Y): [3:0-3-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	9	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 12 lb	FT = 20%

BRACING

TOP CHORD

BOT CHORD

LUMBER TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2 **REACTIONS** All bearings 3-0-2.

(lb) - Max Horiz 2=43 (LC 11), 6=43 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 6, 9

Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 9

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

NOTES

Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 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 3) qualified building designer as per ANSI/TPI 1.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- Gable requires continuous bottom chord bearing. 6)
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 2, 4.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	PB2	Piggyback	17	1	Job Reference (optional)

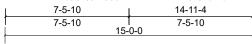
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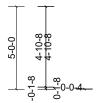
Structural wood sheathing directly applied or 6-0-0 oc purlins.

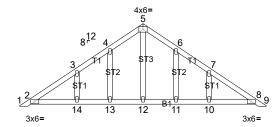
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

Page: 1







Scale = 1:66.1

Installation guide.

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.00	8	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 67 lb	FT = 20%

BRACING

TOP CHORD

BOT CHORD

LUMBER

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 OTHERS 2x4 SP No.2

REACTIONS All bearings 15-0-0.

(lb) - Max Horiz 1=-159 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) 8, 9, 11, 13, 18 except 1=-162 (LC 10), 2=-103 (LC 12), 10=-129 (LC 13), 14=-128 (LC

12), 15=-103 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 8, 9, 10, 11, 12, 13,

14, 18 except 2=293 (LC 24), 15=293 (LC 24)

FORCES

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

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) All plates are 2x4 (||) MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- ') 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 8, 13, 11, 8 except (jt=lb) 1=161, 2=103, 14=127, 10=128, 2=103
- 11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	PB2E	Piggyback	1	1	Job Reference (optional)

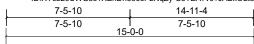
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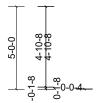
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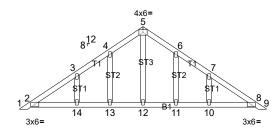
Structural wood sheathing directly applied or 6-0-0 oc purlins.

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

Rigid ceiling directly applied or 10-0-0 oc bracing.







14-2-11

Installation guide.

Scale = 1:66.1				1 1 0-8-9				6-2			1 1 0-8-9	
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/1
Snow (Pf)	15.0	Lumber DOL	1.15	ВС	0.05	Vert(TL)	n/a	-	n/a	999		

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.00	8	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 67 lb	FT = 20%

0-8-9

BRACING

TOP CHORD

BOT CHORD

LUMBER

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 **OTHERS** 2x4 SP No.2

REACTIONS All bearings 15-0-0.

(lb) - Max Horiz 1=-159 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) 8, 9, 11, 13, 18 except 1=-162 (LC 10), 2=-103 (LC 12), 10=-129 (LC 13), 14=-128 (LC

12), 15=-103 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 8, 9, 10, 11, 12, 13,

14, 18 except 2=293 (LC 24), 15=293 (LC 24)

FORCES

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

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.;
- All plates are 2x4 (||) MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing. 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)
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 9) any other members
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 8, 13, 11, 8 except (jt=lb) 1=161, 2=103, 14=127, 10=128, 10) 2=103
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S)

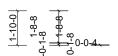
Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	PB2GE	Piggyback	1	1	Job Reference (optional)

Page: 1

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1-9-12 3-7-8 1-9-12 1-9-12 3-7-8 12 12-9-12 1-9-12

2x4= 2x4 II 2x4=



0-6-7 3-7-8 3-1-1 2-6-9

Installation guide.

Structural wood sheathing directly applied or 3-8-0 oc purlins.

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

Rigid ceiling directly applied or 10-0-0 oc bracing.

Plate Offsets (X, Y): [2:0-2-6,0-1-0], [4:0-2-6,0-1-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0	[Weight: 13 lb	FT = 20%

BOT CHORD

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2
 TOP CHORD

BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2
2x4 SP No.2

REACTIONS All bearings 2-6-9.

(lb) - Max Horiz 2=-53 (LC 10), 7=-53 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 6, 7, 10 Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

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

NOTES

Scale = 1:57.9

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 2-0-0 oc.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6, 2, 4.
- 11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	PB3	Piggyback	25	1	Job Reference (optional)

ID:IFyLaoIrU6mbaZxQ2o7IYwzNtks-C6TEATv6?JABxOLt86eG4biDk1g3AzLKx6vW4ZzNo79

Page: 1

1-9-12 3-7-8 1-9-12 1-9-12 3-8-0 12, 12, 12, 13, 14, 15

2x4=

2x4=



Scale = 1:57.9

0-6-7 3-7-8 | 3-1-1 | 1 | 2-6-9 | 1 0-6-7 0-6-7

Installation guide.

Structural wood sheathing directly applied or 3-8-0 oc purlins.

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing.

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0	į									Weight: 11 lb	FT = 20%

BRACING

TOP CHORD

BOT CHORD

LUMBER

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2

Plate Offsets (X, Y): [3:0-3-0,Edge]

REACTIONS All bearings 3-8-0.

(lb) - Max Horiz 1=-53 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 2, 5, 6

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 2=251 (LC

24), 6=251 (LC 24)

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

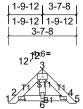
FORCES NOTES

- I) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) Gable requires continuous bottom chord bearing.
- 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 2, 2.
- 0) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	PB3GE	Piggyback	1	1	Job Reference (optional)

Page: 1

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2x4= 2x4 II 2x4=



Scale = 1:57.9

0-6-7		3-7-8
11	3-1-1	11
\Box	2-6-9	\sqcap
0-6-7		0-6-7

Installation guide.

Structural wood sheathing directly applied or 3-8-0 oc purlins.

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

Rigid ceiling directly applied or 10-0-0 oc bracing.

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999			
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a			
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP									
BCDL	10.0	İ		1							Weight: 13 lb	FT = 20%	

BOT CHORD

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2
 TOP CHORD

BOT CHORD 2x4 SP No.2 OTHERS 2x4 SP No.2 REACTIONS All bearings 2-6-9.

Plate Offsets (X, Y): [2:0-2-6,0-1-0], [4:0-2-6,0-1-0]

(lb) - Max Horiz 2=-53 (LC 10), 7=-53 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 6, 7, 10 Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

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

NOTES

-) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.0 psf on overhangs non-concurrent with other live loads.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 2-0-0 oc.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6, 2, 4.
- 11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

 Job
 Truss
 Truss Type
 Qty
 Ply
 Daughtry Plan - Onsite

 2501947-24508
 V1
 Valley
 1
 1
 Job Reference (optional)

Run: 8.82 S Oct 31 2024 Print: 8.820 S Oct 31 2024 MiTek Industries, Inc. Wed Apr 23 16:33:57

ID: Vj0 ee ilzls 2Pn? N4V856 Kuz NouP-hl1c Opvkmdl1 YYw3iq 9VcoFIGQvDvPBTAme 4c0zNo78

Structural wood sheathing directly applied or 6-0-0 oc purlins,

5-18. 8-17

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing, Except:

installed during truss erection, in accordance with Stabilizer

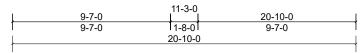
except end verticals.

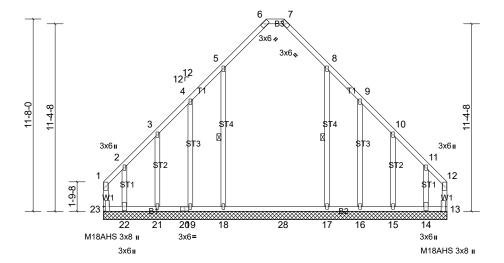
6-0-0 oc bracing: 6-7.

1 Row at midpt

Installation guide.

Page: 1





Scale = 1:64.3

			11-3-0	
l	4-11-0	9-7-0	[20-10-	-0
1	4-11-0	4-8-0	11-8-01 9-7-0)

BOT CHORD

WEBS

Plate Offsets (X, Y): [13:0-3-8,Edge], [23:0-3-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	n/a	-	n/a	999	M18AHS	186/179
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.50	Vert(TL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Rep Stress Incr	NO	WB	0.09	Horiz(TL)	0.01	13	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MR								
BCDL	10.0	1									Weight: 145 lb	FT = 20%

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2
 TOP CHORD

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

2x4 SP No.2

REACTIONS All bearings 20-10-0.

(lb) - Max Horiz 23=410 (LC 9)

Max Uplift All uplift 100 (lb) or less at joint(s) 15, 17, 18, 21 except 13=-396 (LC 9), 14=-701 (LC 11), 16=-262 (LC 11), 19=-260

(LC 10), 22=-704 (LC 10), 23=-408 (LC 8)

Max Grav All reactions 250 (lb) or less at joint(s) 15, 16, 19, 21 except

Max Grav All reactions 250 (ib) or less at joint(s) 15, 16, 19, 21 except 13=800 (LC 11), 14=441 (LC 9), 17=513 (LC 22), 18=519 (LC 21), 22=440 (LC 8), 22=904 (LC 10)

21), 22=449 (LC 8), 23=804 (LC 10)

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

TOP CHORD 1-23=-519/252, 1-2=-594/297, 2-3=-299/159, 3-4=-257/111, 9-10=-252/105, 10-11=-297/153, 11-12=-591/289,

BOT CHORD 22-23=-198/291, 21-22=-198/291, 20-21=-198/291, 19-20=-198/291, 18-19=-198/291, 18-28=-198/291, 17-28=-198/291, 17-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-28=-198/291, 18-2

16-17=-198/291, 15-16=-198/291, 14-15=-198/291, 13-14=-198/291 WEBS 5-18=-257/80, 8-17=-251/77, 2-22=-235/409, 9-16=-118/250, 11-14=-232/408

NOTES

) Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- All plates are MT20 plates unless otherwise indicated.
- 6) All plates are 2x4 (||) MT20 unless otherwise indicated.
- (i) Gable requires continuous bottom chord bearing.
- 8) Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 17, 21, 15 except (jt=lb) 23=407, 13=395, 19=260, 22=703, 16=261, 14=700.
- 12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V1	Valley	1	1	Job Reference (optional)

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Page: 2

Job Truss Truss Type Qty Daughtry Plan - Onsite 2501947-24508 V2 Valley Job Reference (optional)

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Structural wood sheathing directly applied or 10-0-0 oc purlins.

installed during truss erection, in accordance with Stabilizer

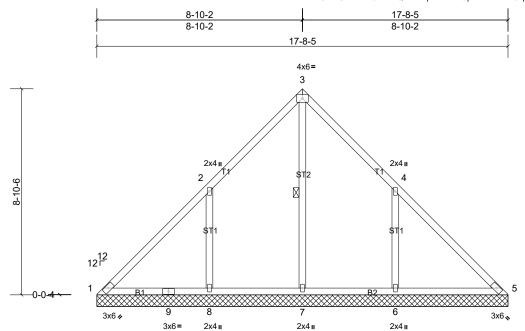
MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 6-0-0 oc bracing.

1 Row at midpt

Installation guide.

Page: 1



Scale = 1:45.8

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.20	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horiz(TL)	0.01	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0	1									Weight: 87 lb	FT = 20%

17-8-5

BRACING TOP CHORD

WEBS

BOT CHORD

LUMBER

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 **OTHERS** 2x4 SP No.2

REACTIONS All bearings 17-8-5.

(lb) - Max Horiz 1=-285 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-399 (LC 13),

8=-405 (LC 12)

All reactions 250 (lb) or less at joint(s) 1, 5 except 6=568 (LC 24), 7=516 (LC 23), 8=574 (LC 23)

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

TOP CHORD 1-2=-307/323, 4-5=-247/295

BOT CHORD 1-9=-274/285, 8-9=-274/285, 7-8=-274/285, 6-7=-274/285, 5-6=-274/285 **WFBS**

3-7=-338/0, 2-8=-476/422, 4-6=-476/420

NOTES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3) qualified building designer as per ANSI/TPI 1.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10
- Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 4-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=404, 6=399.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)



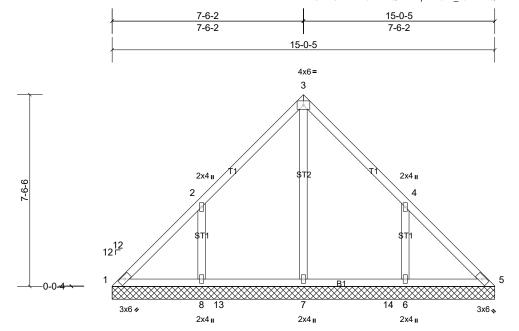
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Structural wood sheathing directly applied or 6-0-0 oc purlins.

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

Rigid ceiling directly applied or 6-0-0 oc bracing.

Installation guide.



Scale = 1:41.7

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.18	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.20	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 72 lb	FT = 20%

15-0-5

BRACING

TOP CHORD

BOT CHORD

LUMBER TOP CHORD

OTHERS

BOT CHORD

2x4 SP No.2 2x4 SP No.2 2x4 SP No.2

REACTIONS All bearings 15-0-5.

(lb) - Max Horiz 1=-241 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-329 (LC 13),

8=-335 (LC 12)

All reactions 250 (lb) or less at joint(s) 1, 5 except 6=464 (LC 24), 7=422 (LC 23), 8=471 (LC 23)

FORCES WEBS

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

2-8=-412/366, 4-6=-412/363

NOTES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 3) 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 4-0-0 oc. 6)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- † This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8) any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=335, 6=329.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Page: 1

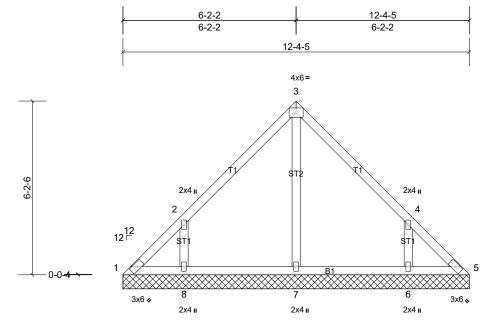
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Structural wood sheathing directly applied or 6-0-0 oc purlins.

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

Rigid ceiling directly applied or 10-0-0 oc bracing.

Installation guide.



Scale = 1:37.6

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.09	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0					1					Weight: 56 lb	FT = 20%

12-4-5

BRACING

TOP CHORD

BOT CHORD

LUMBER TOP CHORD

2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 2x4 SP No.2

OTHERS

REACTIONS All bearings 12-4-5.

(lb) - Max Horiz 1=-197 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-280 (LC 13),

8=-287 (LC 12)

All reactions 250 (lb) or less at joint(s) 1, 5, 7 except 6=366 (LC

24), 8=373 (LC 23)

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

2-8=-389/349, 4-6=-389/346

FORCES WEBS NOTES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 3) 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 4-0-0 oc. 6)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- † This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8) any other members
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=287, 6=280.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V5	Valley	1	1	Job Reference (optional)

3x6 💊

Weight: 40 lb

Structural wood sheathing directly applied or 9-8-5 oc purlins.

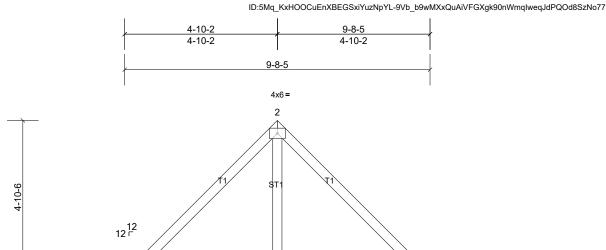
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 6-0-0 oc bracing.

Installation guide.

FT = 20%

Page: 1



Scale = 1:30.3

BCDL

										'			
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.28	Vert(TL)	n/a	-	n/a	999			
TCDL	10.0	Rep Stress Incr	YES	WB	0.23	Horiz(TL)	0.00	3	n/a	n/a			
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS									

2x4 ı

9-8-5

BRACING

TOP CHORD

BOT CHORD

3x6 4

LUMBER TOP CHORD

2x4 SP No.2 **BOT CHORD** 2x4 SP No.2

OTHERS 2x4 SP No.2

REACTIONS (lb/size) 1=26/9-8-5, (min. 0-1-8), 3=26/9-8-5, (min. 0-1-8), 4=627/9-8-5, (min. 0-1-8)

Max Horiz 1=153 (LC 9)

10.0

Max Uplift 1=-27 (LC 28), 3=-27 (LC 27), 4=-295 (LC 12) Max Grav 1=70 (LC 27), 3=71 (LC 12), 4=715 (LC 2)

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

TOP CHORD 1-2=-176/310, 2-3=-172/308 **BOT CHORD**

1-4=-303/246, 3-4=-303/246

WEBS 2-4=-661/387

NOTES

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3) qualified building designer as per ANSI/TPI 1.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8)
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 1, 27 lb uplift at joint 3 and 295 lb uplift at joint 4.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V6	Valley	1	1	Job Reference (optional)

2x4 🔊

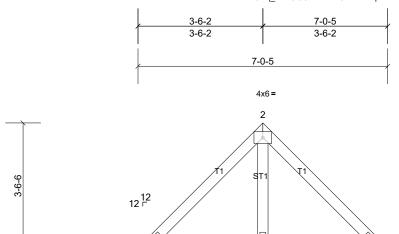
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Structural wood sheathing directly applied or 7-0-5 oc purlins.

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

Rigid ceiling directly applied or 6-0-0 oc bracing.

Installation guide.



В1

2x4 II

7-0-5

BRACING

TOP CHORD

BOT CHORD

Scale = 1:26.2

			_									
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0	I									Weight: 28 lb	FT = 20%

2x4 4

LUMBER TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2 **OTHERS** 2x4 SP No.2

REACTIONS (lb/size) 1=36/7-0-5, (min. 0-1-8), 3=36/7-0-5, (min. 0-1-8), 4=419/7-0-5, (min. 0-1-8)

Max Horiz 1=110 (LC 9)

Max Uplift 1=-4 (LC 28), 3=-4 (LC 27), 4=-190 (LC 12) Max Grav 1=66 (LC 27), 3=66 (LC 28), 4=478 (LC 2)

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

WEBS 2-4=-397/235

NOTES

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone, cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15) Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10
- Gable requires continuous bottom chord bearing. 5)
- Gable studs spaced at 4-0-0 oc. 6)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

0-0-4

- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 1, 4 lb uplift at joint 3 and 190 lb uplift at joint 4.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V7	Valley	1	1	Job Reference (optional)

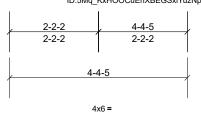
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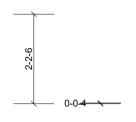
Structural wood sheathing directly applied or 4-4-5 oc purlins.

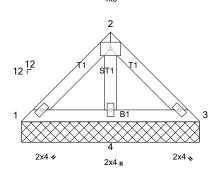
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 6-0-0 oc bracing.

Installation guide.







Scale = 1:22.1

1		
	4-4-5	
1		

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.02	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0	1									Weight: 17 lb	FT = 20%

BRACING TOP CHORD

BOT CHORD

LUMBER

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 **OTHERS**

REACTIONS (lb/size)

2x4 SP No.2

1=43/4-4-5, (min. 0-1-8), 3=43/4-4-5, (min. 0-1-8), 4=219/4-4-5,

(min. 0-1-8) Max Horiz 1=-66 (LC 8)

Max Uplift 1=-5 (LC 13), 3=-9 (LC 13), 4=-82 (LC 12)

Max Grav 1=58 (LC 27), 3=58 (LC 28), 4=249 (LC 2)

FORCES

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

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.;
- Gable requires continuous bottom chord bearing. 6)
- Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8)
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5 lb uplift at joint 1, 9 lb uplift at joint 3 and 82 lb uplift at joint 4.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job Truss Truss Type Qty Daughtry Plan - Onsite 2501947-24508 V8 Valley Job Reference (optional)

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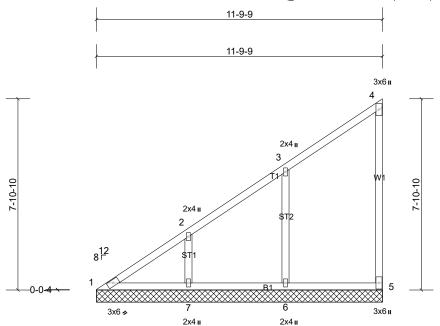
Structural wood sheathing directly applied or 6-0-0 oc purlins,

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

Rigid ceiling directly applied or 10-0-0 oc bracing

except end verticals.

Installation guide.



Scale = 1:47.5

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.54	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.23	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.13	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0	1									Weight: 59 lb	FT = 20%

11-9-9

BRACING

TOP CHORD

BOT CHORD

LUMBER TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 **WEBS** 2x4 SP No.2 **OTHERS**

2x4 SP No.2

REACTIONS All bearings 11-9-9.

(lb) - Max Horiz 1=379 (LC 9)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-219 (LC 12),

7=-193 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=452 (LC

23), 7=372 (LC 23)

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

TOP CHORD 1-2=-322/219, 2-3=-255/164 **WFBS** 3-6=-310/251, 2-7=-320/237

NOTES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1.10
- 5) Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 1 except (jt=lb) 6=219, 7=192.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job Truss Type Qty Daughtry Plan - Onsite Truss 2501947-24508 V9 Valley Job Reference (optional)

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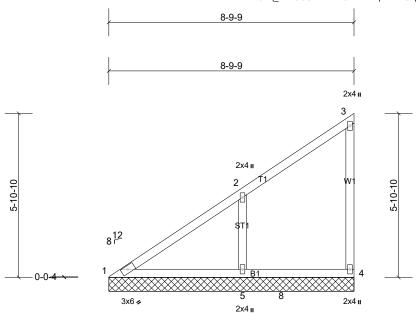
Structural wood sheathing directly applied or 6-0-0 oc purlins,

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

Rigid ceiling directly applied or 10-0-0 oc bracing

except end verticals.

Installation guide.



Scale = 1:41.3

		_	_									
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.21	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	4	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0	İ									Weight: 40 lb	FT = 20%

8-9-9

BRACING

TOP CHORD

BOT CHORD

LUMBER TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2

WEBS 2x4 SP No.2 **OTHERS** 2x4 SP No.2

1=133/8-9-9, (min. 0-1-8), 4=91/8-9-9, (min. 0-1-8), REACTIONS (lb/size)

5=381/8-9-9, (min. 0-1-8)

Max Horiz 1=279 (LC 9)

Max Uplift 1=-7 (LC 8), 4=-64 (LC 9), 5=-259 (LC 12) Max Grav 1=188 (LC 24), 4=181 (LC 23), 5=518 (LC 23)

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

TOP CHORD 1-2=-280/171 2-5=-403/306 **WEBS**

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3) qualified building designer as per ANSI/TPI 1.
- TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1 10
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 4, 7 lb uplift at joint 1 and 259 lb uplift at joint 5.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V10	Valley	1	1	Job Reference (optional)

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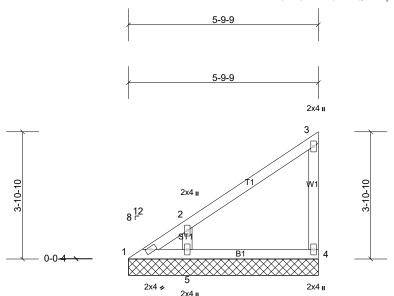
Structural wood sheathing directly applied or 5-9-9 oc purlins,

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

Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

Installation guide.



Scale = 1:35.2

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.05	Horiz(TL)	0.00	4	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 24 lb	FT = 20%

5-9-9

BRACING

TOP CHORD

BOT CHORD

LUMBER TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2

WEBS 2x4 SP No.2 **OTHERS** 2x4 SP No.2

REACTIONS (lb/size) 1=8/5-9-9, (min. 0-1-8), 4=110/5-9-9, (min. 0-1-8), 5=278/5-9-9,

(min. 0-1-8) Max Horiz 1=178 (LC 9)

Max Uplift 1=-46 (LC 10), 4=-53 (LC 9), 5=-180 (LC 12) Max Grav 1=85 (LC 9), 4=152 (LC 23), 5=352 (LC 23)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. **WEBS** 2-5=-362/310

NOTES

Unbalanced roof live loads have been considered for this design.

- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone, cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 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 3)
- qualified building designer as per ANSI/TPI 1.

 TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; 4) Ct=1 10
- Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8)
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 53 lb uplift at joint 4, 46 lb uplift at joint 1 and 180 lb uplift at joint 5.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V11	Valley	1	1	Job Reference (optional)

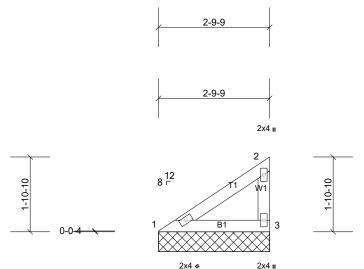
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Structural wood sheathing directly applied or 2-9-9 oc purlins,

installed during truss erection, in accordance with Stabilizer

MiTek recommends that Stabilizers and required cross bracing be

Rigid ceiling directly applied or 10-0-0 oc bracing.



Scale = 1:29

LUMBER

TOP CHORD

2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
1.15	BC	0.10	Vert(TL)	n/a	-	n/a	999			
YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a			

except end verticals.

Installation guide.

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.10	Vert(TL)	n/a	-	n/a	999			
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a			
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP									
BCDL	10.0										Weight: 10 lb	FT = 20%	
			-			-	-	-				-	

2-9-9

BRACING

TOP CHORD

BOT CHORD

BOT CHORD 2x4 SP No.2 2x4 SP No.2

REACTIONS (lb/size) 1=93/2-9-9, (min. 0-1-8), 3=93/2-9-9, (min. 0-1-8)

Max Horiz 1=78 (LC 9)

2x4 SP No.2

Max Uplift 1=-23 (LC 12), 3=-49 (LC 12)

Max Grav 1=106 (LC 2), 3=122 (LC 23)

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

FORCES NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C 2) Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) Gable requires continuous bottom chord bearing.
- Gable studs spaced at 4-0-0 oc. 6)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and 8) any other members
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 3 and 23 lb uplift at joint 1.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V12	Valley	1	1	Job Reference (optional)

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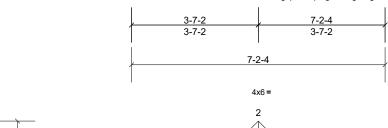
Structural wood sheathing directly applied or 7-1-6 oc purlins.

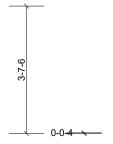
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer

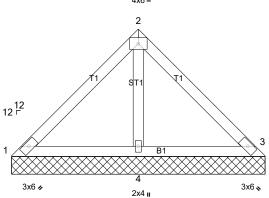
Rigid ceiling directly applied or 6-0-0 oc bracing.

Installation guide.

Page: 1







7-2-4

Scale = 1:26.4

		_	_					_					
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.20	Vert(TL)	n/a	-	n/a	999			
TCDL	10.0	Rep Stress Incr	YES	WB	0.05	Horiz(TL)	0.00	4	n/a	n/a			
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP		i							
BCDL	10.0	İ		1		1					Weight: 29 lb	FT = 20%	

BRACING

TOP CHORD

BOT CHORD

LUMBERTOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2 OTHERS 2x4 SP No.2

REACTIONS (lb/size) 1=74/7-2-4, (min. 0-1-8), 3=57/7-2-4, (min. 0-1-8), 4=350/7-2-4,

(min. 0-1-8) Max Horiz 1=112 (LC 9)

Max Uplift 1=-21 (LC 13), 3=-26 (LC 8), 4=-184 (LC 12) Max Grav 1=102 (LC 24), 3=102 (LC 28), 4=423 (LC 23)

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

WEBS 2-4=-283/159

NOTES

1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- 4) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 5) Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 4-0-0 oc.
- 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 1, 26 lb uplift at joint 3 and 184 lb uplift at joint 4.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	Daughtry Plan - Onsite
2501947-24508	V13	Valley	1	1	Job Reference (optional)

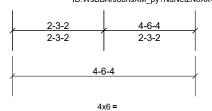
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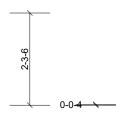
Structural wood sheathing directly applied or 4-6-4 oc purlins.

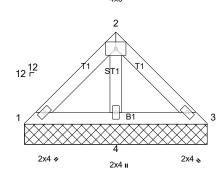
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 6-0-0 oc bracing.

Installation guide.







Scale = 1:22.3

1		ĺ
	4-6-4	
1		1

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	15.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.02	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 17 lb	FT = 20%

BRACING TOP CHORD

BOT CHORD

LUMBER

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 OTHERS 2x4 SP No.2

REACTIONS (lb/size) 1=43/4-6-4, (min. 0-1-8), 3=43/4-6-4, (min. 0-1-8), 4=230/4-6-4, (min. 0-1-8)

Max Horiz 1=-68 (LC 8)

Max Uplift 1=-4 (LC 13), 3=-8 (LC 13), 4=-87 (LC 12) Max Grav 1=60 (LC 27), 3=60 (LC 28), 4=262 (LC 2)

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

NOTES

-) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=15.0 psf (flat roof snow: Lum DOL = 1.15 Plate DOL = 1.15); Category II; Exp B; Partially Exp.; Ct=1.10
- 4) Gable requires continuous bottom chord bearing.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 1, 8 lb uplift at joint 3 and 87 lb uplift at joint 4.
- 8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.