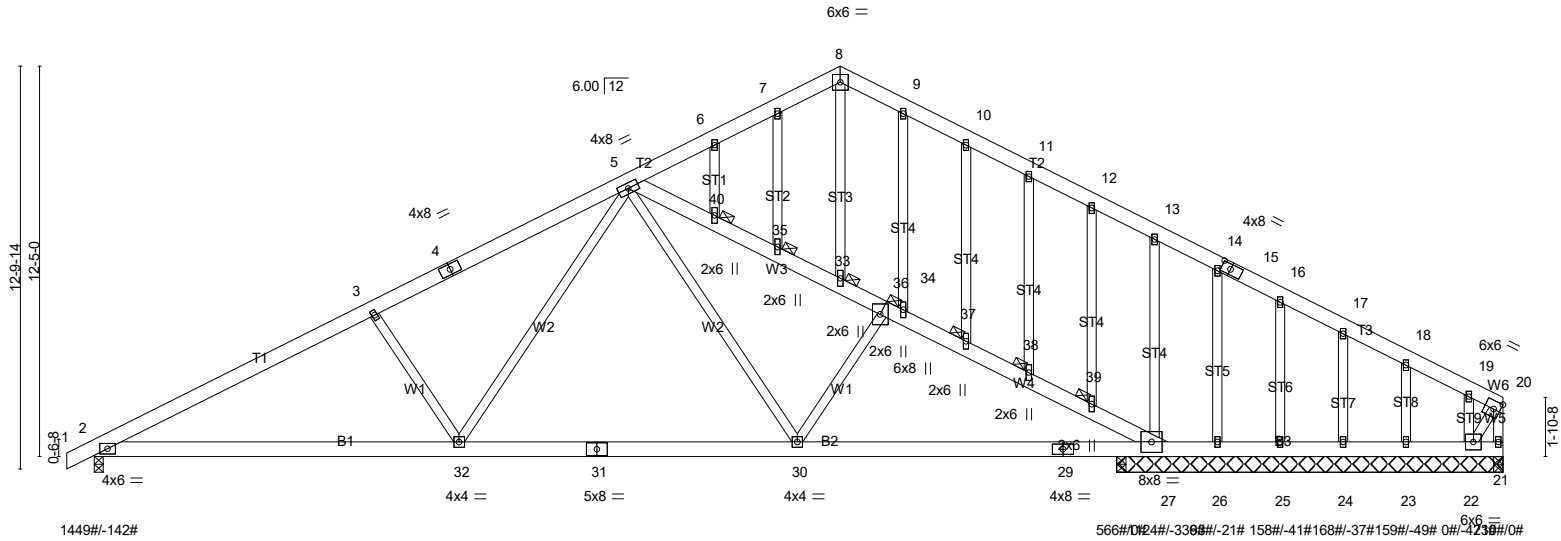
Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A01	FINK	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:15 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-nnswZpIZRqTHbg1DUu095yyVr6BAuDwfyt4WiYyaiRU

-0-10-8	8-11-2	17-0-0	23-9-0	25-0-13	44-10-0
0-10-8	8-11-2	8-0-14	6-9-0	1-3-14	19-9-3

Scale = 1:73.3



11-7-6	22-4-9	32-10-0	44-10-0
11-7-6	10-9-2	10-5-7	12-0-0

Plate Offsets (X,Y)-- [15:0-3-8,0-2-0]

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.33	Vert(LL)	-0.24	30-32	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.55	Vert(CT)	-0.34	30-32	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.42	Horz(CT)	0.06	21	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.06	2-32	>999	240	Weight: 409 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except*
W4,W3: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 33, 34, 35, 37, 38, 39, 40

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

REACTIONS. All bearings 12-3-8 except (jt=length) 2=0-3-8, 21=0-3-8, 21=0-3-8, 28=0-3-8.
(lb) - Max Horz 2=183(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 26, 25, 24, 23 except 2=-142(LC 10), 27=-336(LC 11), 22=-423(LC 20)
Max Grav All reactions 250 lb or less at joint(s) 26, 25, 24, 23 except 2=1449(LC 1), 27=1124(LC 2), 21=710(LC 20), 21=512(LC 1), 28=566(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-41=-2490/523, 3-41=-2404/552, 3-4=-2254/530, 4-5=-2157/569, 5-42=-399/193, 6-42=-337/206, 6-7=-329/223, 7-8=-319/267, 8-9=-321/275, 9-10=-321/209, 10-43=-316/178, 11-43=-345/173, 11-12=-361/146, 12-13=-443/152, 13-14=-277/8, 14-15=-326/0, 15-16=-362/0, 16-17=-369/0, 17-44=-342/0, 18-44=-382/0, 18-19=-405/0, 19-20=-388/0, 20-21=-680/0
BOT CHORD 2-32=-417/2238, 32-45=-185/1549, 31-45=-185/1549, 31-46=-185/1549, 30-46=-185/1549, 29-30=-270/1857, 28-29=-270/1857, 27-28=-270/1857, 26-27=0/351, 25-26=0/351, 24-25=0/351, 23-24=0/351, 22-23=0/351
WEBS 5-40=-1630/401, 35-40=-1631/409, 33-35=-1663/440, 33-36=-1624/403, 34-36=-1631/415, 34-37=-1676/471, 37-38=-1696/490, 38-39=-1730/511, 27-39=-1695/495, 3-32=-478/282, 5-32=-151/885, 5-30=-17/549, 13-27=-555/289, 20-22=0/605

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-7-5, Interior(1) 3-7-5 to 19-3-3, Exterior(2) 19-3-3 to 28-2-12, Interior(1) 28-2-12 to 40-2-7, Exterior(2) 40-2-7 to 44-8-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

Continued on page 2

NOTES-

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 26, 25, 24, 23 except (jt=lb) 2=142, 27=336, 22=423.
7) 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.

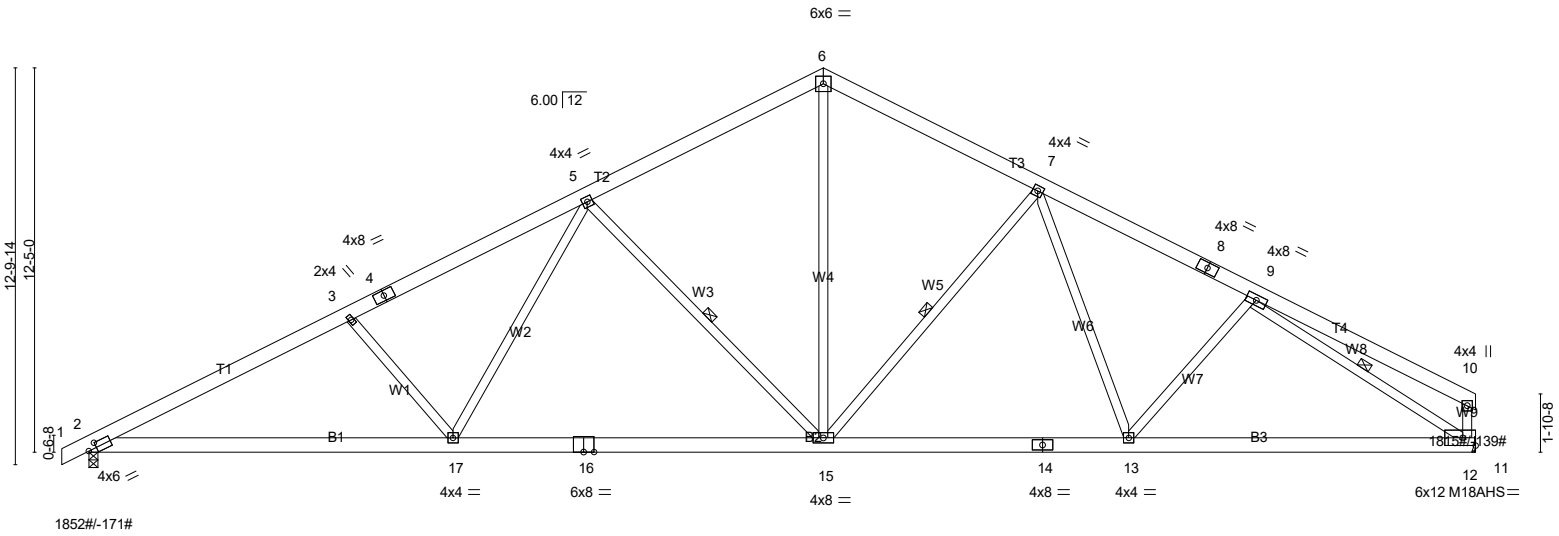
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A02	COMMON	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:16 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-FzQlm9JCC8b8CqcP2cYOe9VeiWUndaxpBXq3F?yaiRT

-0-10-8	8-5-13	16-1-6	23-9-0	30-8-2	37-7-5	44-10-0
0-10-8	8-5-13	7-7-9	7-7-9	6-11-3	6-11-3	7-2-11

Scale = 1:74.5



11-9-5	23-9-0	33-7-7	44-10-0
11-9-5	11-11-11	9-10-7	11-2-9

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.51	Vert(LL)	-0.31	15-17	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.71	Vert(CT)	-0.49	15-17	>999	240	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr YES	WB	0.82	Horz(CT)	0.10	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.09	17	>999	240	Weight: 330 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-7-10 oc bracing.
WEBS 1 Row at midpt 5-15, 7-15, 9-12

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

REACTIONS. (lb/size) 2=1839/0-3-8 (min. 0-2-3), 12=1781/Mechanical
Max Horz 2=184(LC 10)
Max Uplift2=-171(LC 10), 12=-139(LC 11)
Max Grav 2=1852(LC 2), 12=1815(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-3454/787, 3-18=-3371/813, 3-4=-3193/763, 4-5=-3105/801, 5-19=-2139/655, 6-19=-2048/679, 6-20=-2048/683, 7-20=-2129/659, 7-8=-2513/707, 8-9=-2590/673, 10-21=-333/120, 10-12=-306/172
BOT CHORD 2-17=-655/3057, 17-22=-453/2446, 16-22=-453/2446, 16-23=-453/2446, 15-23=-453/2446, 15-24=-389/2162, 14-24=-389/2162, 14-25=-389/2162, 13-25=-389/2162, 12-13=-495/2187
WEBS 3-17=-439/256, 5-17=-85/804, 5-15=-878/326, 6-15=-329/1488, 7-15=-605/251, 7-13=-15/328, 9-12=-2454/573

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-7-5, Interior(1) 3-7-5 to 19-3-3, Exterior(2) 19-3-3 to 28-2-12, Interior(1) 28-2-12 to 40-0-15, Exterior(2) 40-0-15 to 44-6-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=171, 12=139.
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.

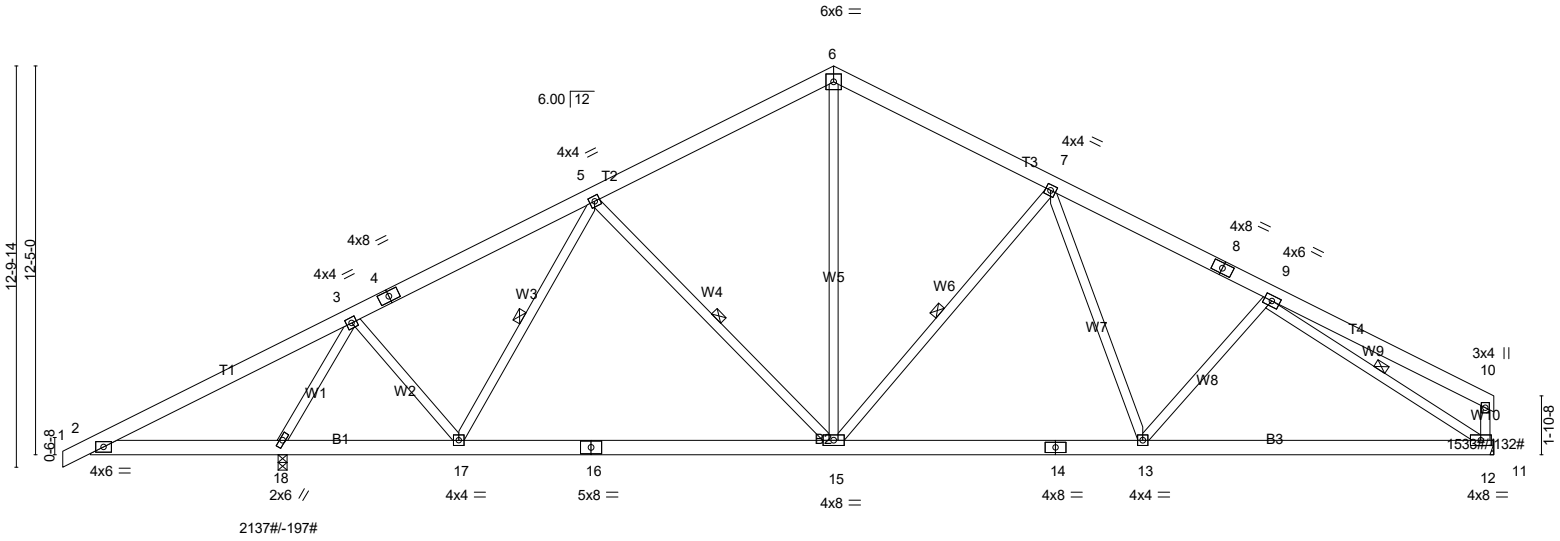
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A03	COMMON	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:16 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-FzQIm9JCC8b8CqcP2cYOe9VezWWLdZjpBXq3F?yaiRT

-0-10-8	8-5-13	16-1-6	23-9-0	30-8-2	37-7-5	44-10-0
0-10-8	8-5-13	7-7-9	7-7-9	6-11-3	6-11-3	7-2-11

Scale = 1:73.6



6-0-0	11-9-5	23-9-0	33-7-7	44-10-0
6-0-0	5-9-5	11-11-11	9-10-7	11-2-9

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	-0.23	15-17	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.61	Vert(CT)	-0.37	15-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.05	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.05	13-15	>999	240	Weight: 336 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 2-18.
WEBS 1 Row at midpt 5-17, 5-15, 7-15, 9-12

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

REACTIONS. (lb/size) 12=1501/Mechanical, 18=2122/0-3-8 (min. 0-2-8)
Max Horz 18=184(LC 10)
Max Uplift12=-132(LC 11), 18=-197(LC 10)
Max Grav 12=1533(LC 2), 18=2137(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=-582/637, 3-19=-562/765, 3-4=-1472/174, 4-5=-1432/211, 5-20=-1588/465, 6-20=-1497/489, 6-21=-1497/494, 7-21=-1579/470, 7-8=-2022/539, 8-9=-2099/504, 10-22=-311/112, 10-12=-293/167
BOT CHORD 2-18=-572/623, 17-18=-143/758, 17-23=-119/1489, 16-23=-119/1489, 16-24=-119/1489, 15-24=-119/1489, 15-25=-230/1701, 14-25=-230/1701, 14-26=-230/1701, 13-26=-230/1701, 12-13=-362/1800
WEBS 3-17=-185/959, 5-17=-524/317, 6-15=-159/997, 7-15=-632/268, 7-13=-32/370, 9-12=-2000/418, 3-18=-2340/808

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-7-5, Interior(1) 3-7-5 to 19-3-3, Exterior(2) 19-3-3 to 28-2-12, Interior(1) 28-2-12 to 40-0-15, Exterior(2) 40-0-15 to 44-6-12 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=132, 18=197.
7) 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

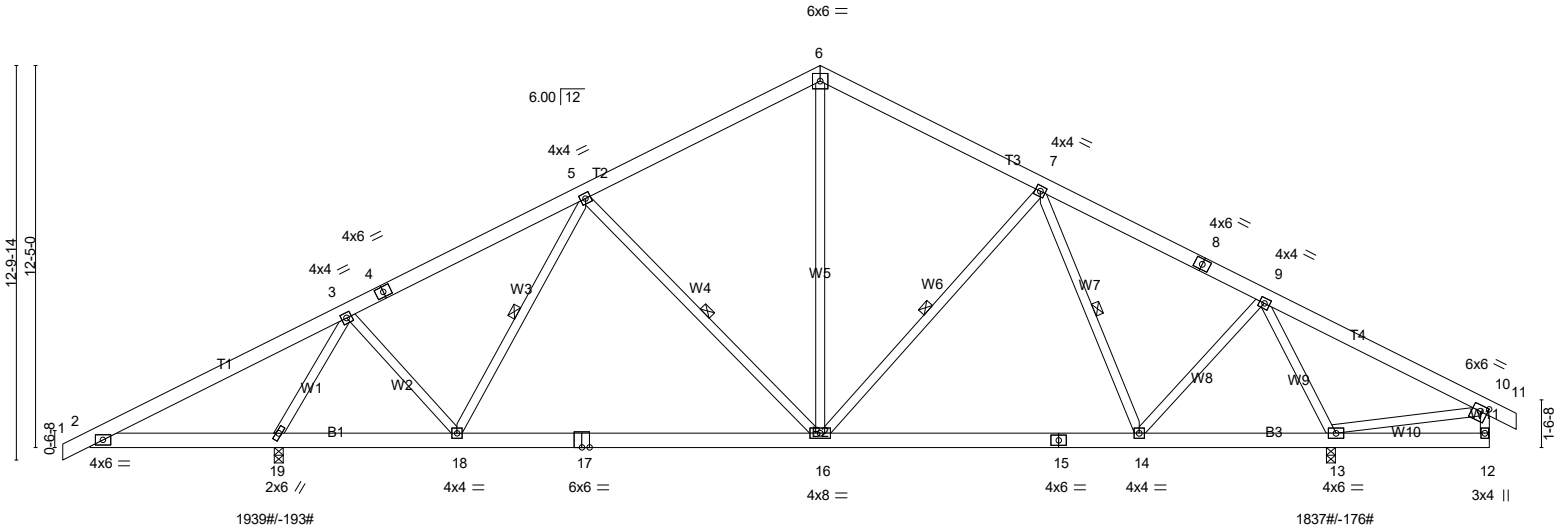
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A04	COMMON	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:17 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-jA_g_VKqzRk?qzAccJ3dAN1r0ws0M12yPBZdnRyaiRS

-0-10-8	8-5-13	16-1-6	23-9-0	30-10-13	38-0-11	45-6-0	46-4-8
0-10-8	8-5-13	7-7-9	7-7-9	7-1-13	7-1-13	7-5-5	0-10-8

Scale = 1:74.9



6-0-0	11-11-5	23-9-0	34-1-7	40-6-0	45-6-0
6-0-0	5-11-5	11-9-11	10-4-7	6-4-9	5-0-0

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.35	Vert(LL)	-0.21	16-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.59	Vert(CT)	-0.32	16-18	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.82	Horz(CT)	0.03	13	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.03	16-18	>999	240	Weight: 343 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-19.
WEBS 1 Row at midpt 5-18, 5-16, 7-16, 7-14

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

REACTIONS. (lb/size) 13=1816/0-3-8 (min. 0-2-3), 19=1926/0-3-8 (min. 0-2-5)
Max Horz 19=188(LC 9)
Max Uplift13=-176(LC 11), 19=-193(LC 10)
Max Grav 13=1837(LC 2), 19=1939(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-585/639, 3-20=-565/765, 3-4=-1280/116, 4-5=-1228/153, 5-21=-1264/348, 6-21=-1173/373, 6-22=-1173/376, 7-22=-1257/352, 7-8=-1136/218, 8-9=-1220/182, 9-23=-323/507, 10-23=-342/401
BOT CHORD 2-19=-572/626, 18-19=-107/665, 18-24=-79/1277, 17-24=-79/1277, 17-25=-79/1277, 16-25=-79/1277, 16-26=0/1144, 15-26=0/1144, 15-27=0/1144, 14-27=0/1144, 13-14=0/499
WEBS 3-18=-144/829, 5-18=-403/270, 6-16=-59/702, 7-14=-387/201, 9-14=-113/807, 10-13=-461/515, 3-19=-2104/736, 9-13=-1839/574

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-8-2, Interior(1) 3-8-2 to 19-2-6, Exterior(2) 19-2-6 to 28-3-9, Interior(1) 28-3-9 to 41-9-14, Exterior(2) 41-9-14 to 46-4-8 zone; cantilever left and right exposed ; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=176, 19=193.
6) 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.

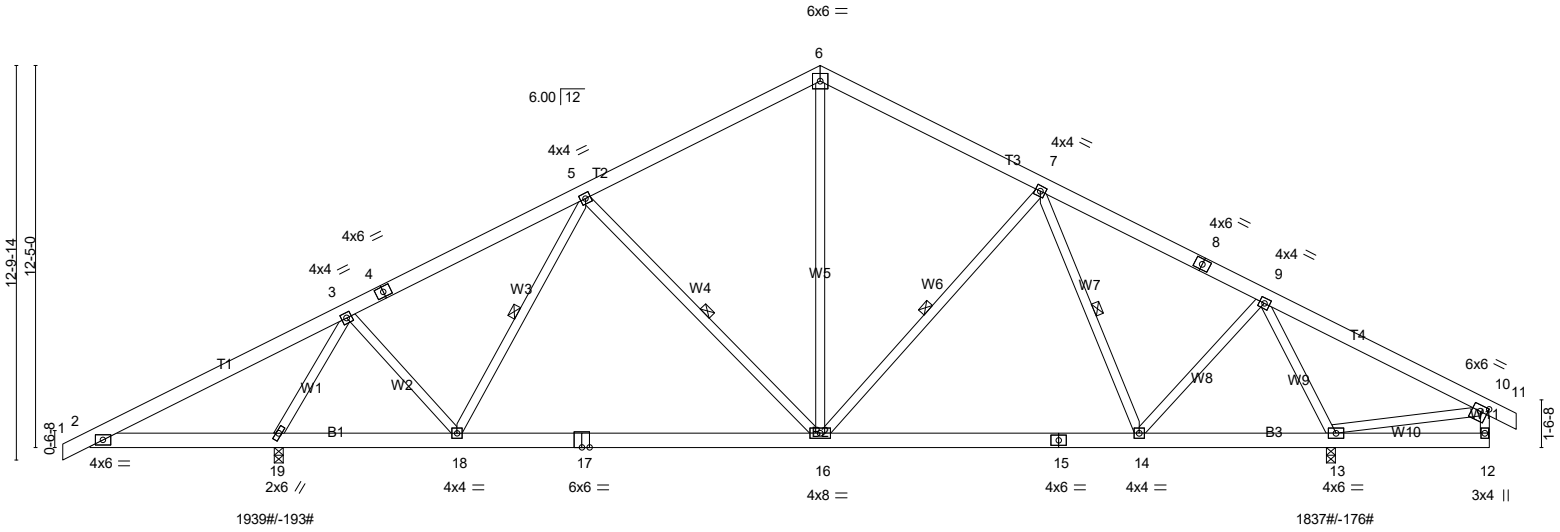
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A05	COMMON	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:18 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-BMY2BrKSklssS7lo91asjaa0mJCF5UI5erJAJtyaiRR

-0-10-8	8-5-13	16-1-6	23-9-0	30-10-13	38-0-11	45-6-0	46-4-8
0-10-8	8-5-13	7-7-9	7-7-9	7-1-13	7-1-13	7-5-5	0-10-8

Scale = 1:74.9



6-0-0	11-11-5	23-9-0	34-1-7	40-6-0	45-6-0
6-0-0	5-11-5	11-9-11	10-4-7	6-4-9	5-0-0

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.35	Vert(LL)	-0.21	16-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.59	Vert(CT)	-0.32	16-18	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.82	Horz(CT)	0.03	13	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.03	16-18	>999	240	Weight: 343 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-19.
WEBS 1 Row at midpt 5-18, 5-16, 7-16, 7-14

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

REACTIONS. (lb/size) 13=1816/0-3-8 (min. 0-2-3), 19=1926/0-3-8 (min. 0-2-5)
Max Horz 19=188(LC 9)
Max Uplift13=-176(LC 11), 19=-193(LC 10)
Max Grav 13=1837(LC 2), 19=1939(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-585/639, 3-20=-565/765, 3-4=-1280/116, 4-5=-1228/153, 5-21=-1264/348, 6-21=-1173/373, 6-22=-1173/376, 7-22=-1257/352, 7-8=-1136/218, 8-9=-1220/182, 9-23=-323/507, 10-23=-342/401
BOT CHORD 2-19=-572/626, 18-19=-107/665, 18-24=-79/1277, 17-24=-79/1277, 17-25=-79/1277, 16-25=-79/1277, 16-26=0/1144, 15-26=0/1144, 15-27=0/1144, 14-27=0/1144, 13-14=0/499
WEBS 3-18=-144/829, 5-18=-403/270, 6-16=-59/702, 7-14=-387/201, 9-14=-113/807, 10-13=-461/515, 3-19=-2104/736, 9-13=-1839/574

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-8-2, Interior(1) 3-8-2 to 19-2-6, Exterior(2) 19-2-6 to 28-3-9, Interior(1) 28-3-9 to 41-9-14, Exterior(2) 41-9-14 to 46-4-8 zone; cantilever left and right exposed ; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=176, 19=193.
6) 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.

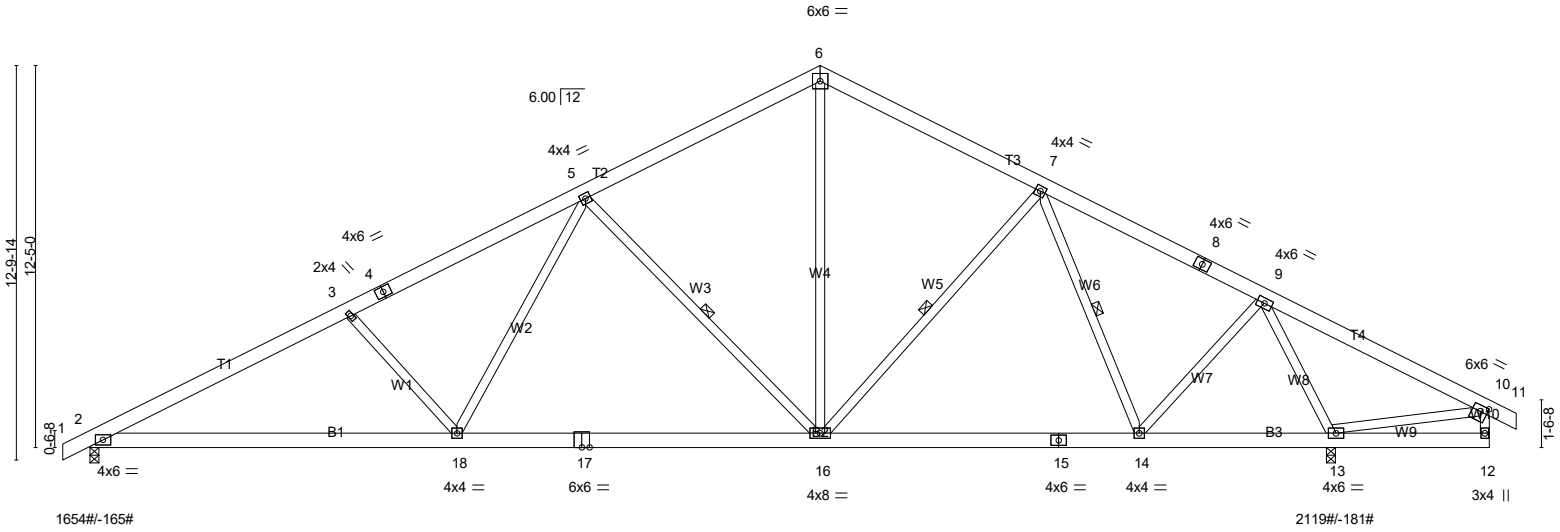
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A06	COMMON	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:19 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-gY6RPBL4V3_j3HK_jk55Fo6BXjXHquNFtV2ksJyaiRQ

-0-10-8	8-5-13	16-1-6	23-9-0	30-10-13	38-0-11	45-6-0	46-4-8
0-10-8	8-5-13	7-7-9	7-7-9	7-1-13	7-1-13	7-5-5	0-10-8

Scale = 1:74.9



11-11-5	23-9-0	34-1-7	40-6-0	45-6-0
11-11-5	11-9-11	10-4-7	6-4-9	5-0-0

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	-0.27	16-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.39	16-18	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.07	13	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.07	2-18	>999	240	Weight: 337 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-16, 7-16, 7-14

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

REACTIONS. (lb/size) 2=1643/0-3-8 (min. 0-1-15), 13=2096/0-3-8 (min. 0-2-8)
Max Horz 2=188(LC 9)
Max Uplift2=-165(LC 10), 13=-181(LC 11)
Max Grav 2=1654(LC 2), 13=2119(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=-2999/641, 3-19=-2936/667, 3-4=-2747/610, 4-5=-2658/647, 5-20=-1705/501, 6-20=-1614/525, 6-21=-1614/528, 7-21=-1698/504, 7-8=-1425/319, 8-9=-1510/284, 9-22=-322/506, 10-22=-341/400
BOT CHORD 2-18=-435/2707, 18-23=-226/2099, 17-23=-226/2099, 17-24=-226/2099, 16-24=-226/2099, 16-25=-52/1455, 15-25=-52/1455, 15-26=-52/1455, 14-26=-52/1455, 13-14=-4/632
WEBS 3-18=-446/260, 5-18=-85/794, 5-16=-883/329, 6-16=-188/1095, 7-14=-540/256, 9-14=-179/1002, 10-13=-460/514, 9-13=-2150/680

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-8-2, Interior(1) 3-8-2 to 19-2-6, Exterior(2) 19-2-6 to 28-3-9, Interior(1) 28-3-9 to 41-9-14, Exterior(2) 41-9-14 to 46-4-8 zone; cantilever right exposed ; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=165, 13=181.
6) 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.

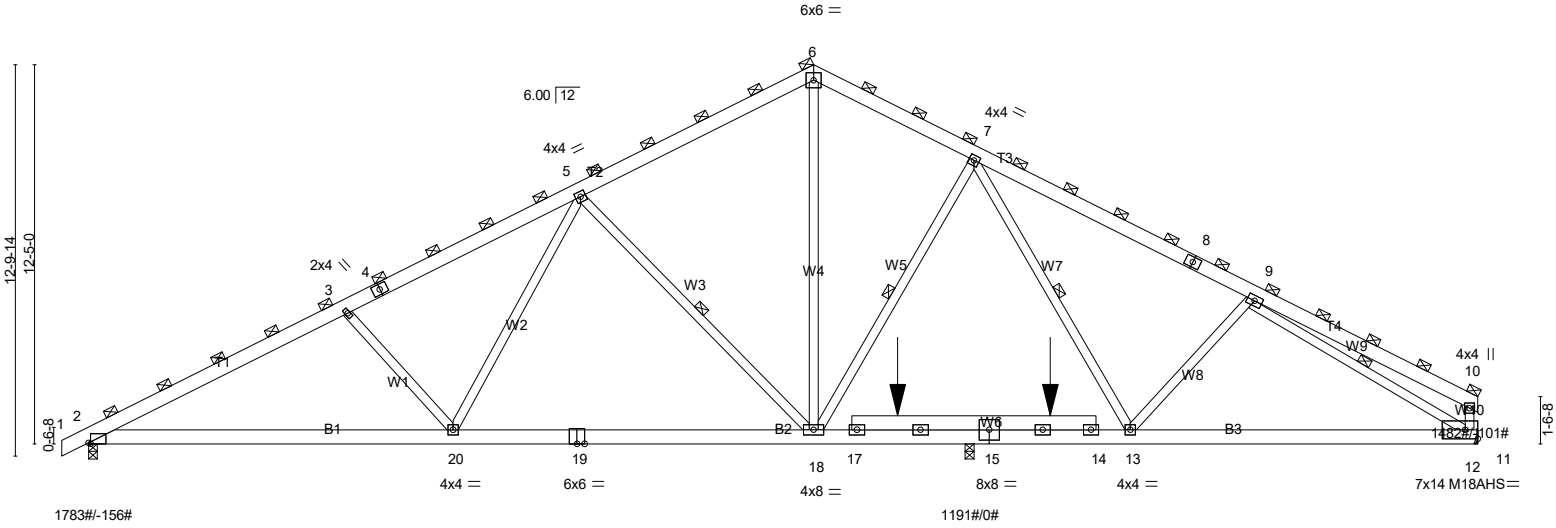
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A07S	COMMON	2	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:19 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-gY6RPBL4V3_j3HK_jk55Fo64mjU9q__FtV2ksJyaiRQ

-0-10-8	8-5-13	16-1-6	23-9-0	29-0-0	38-0-11	45-6-0
0-10-8	8-5-13	7-7-9	7-7-9	5-3-0	9-0-11	7-5-5

Scale = 1:75.5



11-11-5	23-9-0	25-0-0	29-0-0	33-0-0	34-1-7	45-6-0
11-11-5	11-9-11	1-3-0	4-0-0	4-0-0	1-1-7	11-4-9

Plate Offsets (X,Y)-- [2:0-0-14,Edge]

LOADING (psf)		**SPACING-** 2-3-0		**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.34	18-20	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.86	Vert(CT)	-0.55	18-20	>626	240	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.60	Horz(CT)	0.07	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.10	18-20	>999	240	Weight: 353 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except*
W6: 2x6 SP No.1

BRACING-
TOP CHORD 2-0-0 oc purlins (3-11-6 max.), except end verticals
(Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 9-3-11 oc bracing.
WEBS 1 Row at midpt 5-18, 7-18, 7-13, 9-12

REACTIONS. (lb/size) 2=1783/0-3-8 (min. 0-2-2), 12=1482/Mechanical, 16=1068/0-3-8 (min. 0-1-8)
Max Horz 2=200(LC 10)
Max Uplift2=-156(LC 10), 12=-101(LC 11)
Max Grav 2=1783(LC 1), 12=1482(LC 1), 16=1191(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-3173/694, 3-21=-3079/724, 3-4=-2868/660, 4-5=-2770/703, 5-22=-1645/532, 6-22=-1539/559, 6-23=-1600/586, 7-23=-1621/557, 7-8=-1748/522, 8-9=-1871/472, 9-24=-393/165, 10-24=-497/140, 10-12=-383/189
BOT CHORD 2-20=-554/2823, 20-25=-319/2116, 19-25=-319/2116, 19-26=-319/2116, 18-26=-319/2116, 17-18=-188/1568, 17-27=-197/1582, 16-27=-190/1598, 15-16=-188/1568, 15-28=-191/1602, 14-28=-199/1586, 13-14=-188/1568, 12-13=-357/1761
WEBS 3-20=-502/290, 5-20=-101/942, 5-18=-1030/378, 6-18=-246/1072, 7-18=-593/260, 9-13=-352/298, 9-12=-1681/379

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 19-4-3, Exterior(2) 19-4-3 to 28-1-12, Interior(1) 28-1-12 to 40-9-15, Exterior(2) 40-9-15 to 45-2-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 200.0lb AC unit load placed on the bottom chord, 29-0-0 from left end, supported at two points, 5-0-0 apart.
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 4x6 MT20 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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=156, 12=101.
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.

Continued on page 2

NOTES-

11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

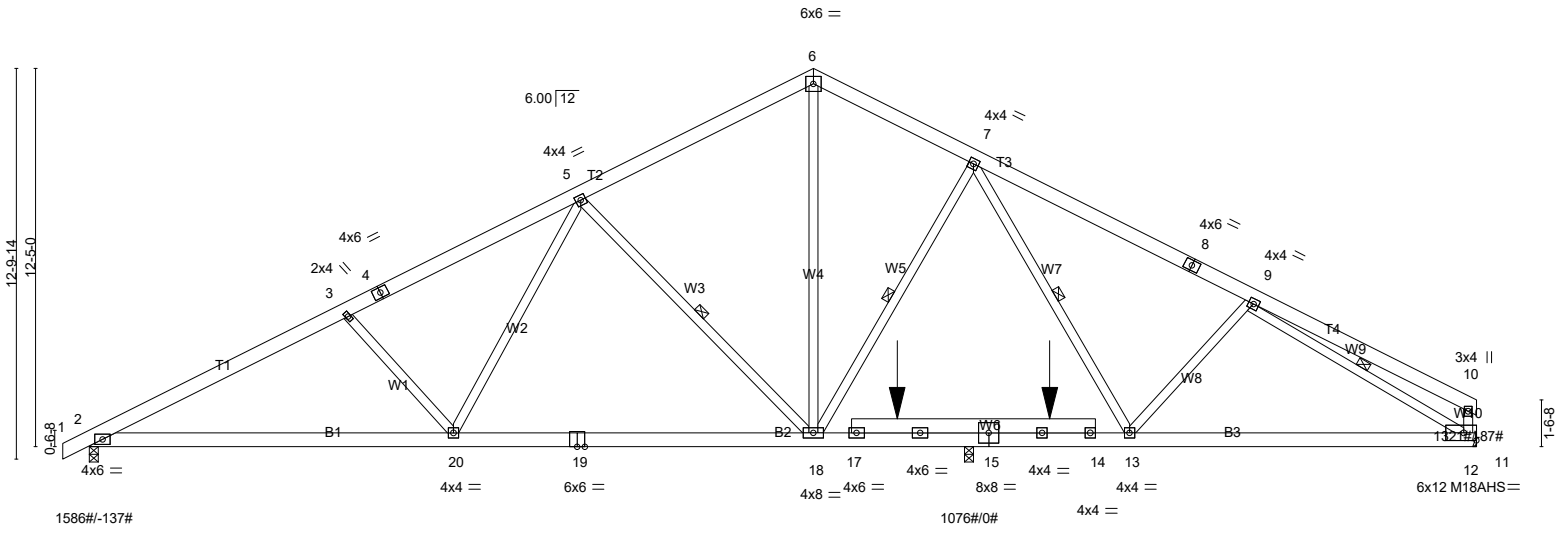
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A08	COMMON	7	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:20 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-8kgpcXMiGM6ahRvBHRcKo?flr7szZSJO59oHOmyaiRP

-0-10-8	8-5-13	16-1-6	23-9-0	29-0-0	38-0-11	45-6-0
0-10-8	8-5-13	7-7-9	7-7-9	5-3-0	9-0-11	7-5-5

Scale = 1:75.6



11-11-5	23-9-0	25-0-0	29-0-0	33-0-0	34-1-7	45-6-0
11-11-5	11-9-11	1-3-0	4-0-0	4-0-0	1-1-7	11-4-9

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.31	18-20	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.49	18-20	>704	240	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.06	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.09	18-20	>999	240	Weight: 353 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except*
W6: 2x6 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-18, 7-18, 7-13, 9-12

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

REACTIONS. (lb/size) 2=1586/0-3-8 (min. 0-1-14), 12=1321/Mechanical, 16=967/0-3-8 (min. 0-1-8)
Max Horz 2=177(LC 10)
Max Uplift2=-137(LC 10), 12=-87(LC 11)
Max Grav 2=1586(LC 1), 12=1321(LC 1), 16=1076(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-2824/620, 3-21=-2741/646, 3-4=-2553/589, 4-5=-2466/627, 5-22=-1466/473, 6-22=-1372/497, 6-23=-1429/521, 7-23=-1444/496, 7-8=-1559/463, 8-9=-1669/418, 9-24=-350/148, 10-24=-442/126, 10-12=-340/169
BOT CHORD 2-20=-494/2512, 20-25=-284/1884, 19-25=-284/1884, 19-26=-284/1884, 18-26=-284/1884, 17-18=-166/1397, 17-27=-174/1410, 16-27=-167/1425, 15-16=-166/1397, 15-28=-168/1429, 14-28=-176/1414, 13-14=-166/1397, 12-13=-317/1570
WEBS 3-20=-446/259, 5-20=-91/837, 5-18=-916/338, 6-18=-218/956, 7-18=-528/232, 9-13=-312/267, 9-12=-1499/335

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-8-2, Interior(1) 3-8-2 to 19-2-6, Exterior(2) 19-2-6 to 28-3-9, Interior(1) 28-3-9 to 40-8-2, Exterior(2) 40-8-2 to 45-2-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 200.0lb AC unit load placed on the bottom chord, 29-0-0 from left end, supported at two points, 5-0-0 apart.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12 except (jt=lb) 2=137.
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.

Continued on page 2

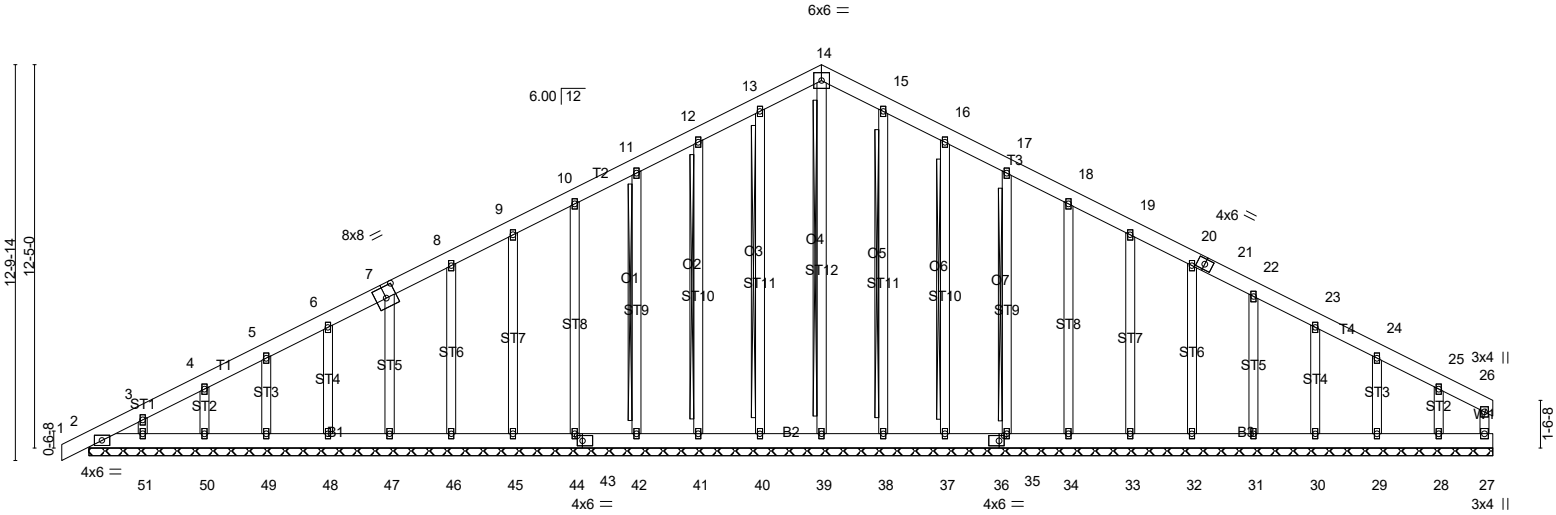
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	A09	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:21 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-cxEBqtNK1gERJbUNr97ZLDCbiXMPI_VYKpXqwCyaiRO

-0-10-8 23-9-0 45-6-0
0-10-8 23-9-0 21-9-0

Scale = 1:74.7



25-0-0 33-0-0 45-6-0
25-0-0 8-0-0 12-6-0

Plate Offsets (X,Y)-- [7:0-4-0,0-4-8], [36:0-2-0,0-2-0], [43:0-2-1,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.00	27	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 426 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF No.2 - 14-39, 13-40, 12-41, 11-42, 15-38, 16-37, 17-35
Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance.
Brace must cover 90% of web length.

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

REACTIONS. All bearings 45-6-0.
(lb) - Max Horz 2=288(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 40, 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 38, 37, 35, 34, 33, 32, 31, 30, 29 except 28=-180(LC 11)
Max Grav All reactions 250 lb or less at joint(s) 2, 27, 40, 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 38, 37, 35, 34, 33, 32, 31, 30, 29, 28 except 39=271(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-320/153, 3-4=-267/165, 7-8=-106/259, 8-9=-88/290, 9-10=-103/319, 10-11=-123/371, 11-52=-143/421, 12-52=-127/431, 12-13=-166/520, 13-14=-175/577, 14-15=-175/577, 15-16=-166/520, 16-53=-127/431, 17-53=-143/421, 17-18=-123/371, 18-19=-103/314, 19-20=-83/257
WEBS 14-39=-281/50

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-10-8 to 3-9-0, Exterior(2) 3-9-0 to 19-4-3, Corner(3) 19-4-3 to 28-1-12, Exterior(2) 28-1-12 to 40-9-15, Corner(3) 40-9-15 to 45-2-12 zone;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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.

Continued on page 2

NOTES-

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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 40, 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 38, 37, 35, 34, 33, 32, 31, 30, 29 except (jt=lb) 28=180.
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) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

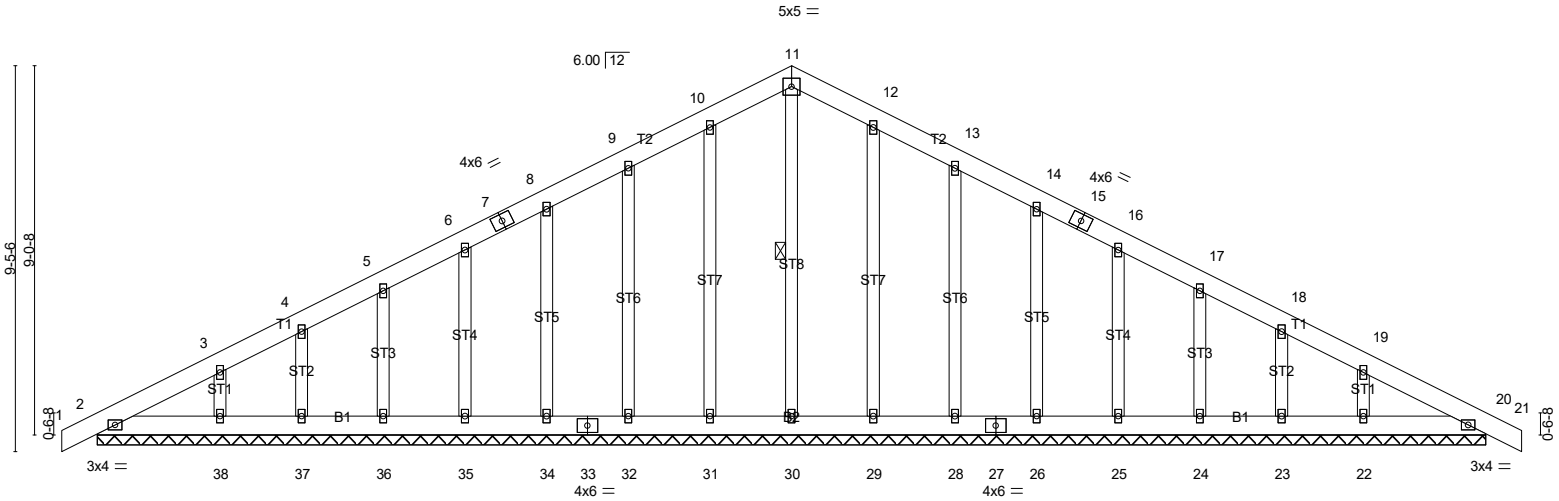
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	B1	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:23 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-YJLxEZObZHU9YvelyaA1QeHy0K28mwaqo70x?5yaiRM

-0-10-8 17-0-0 34-0-0 34-10-8
0-10-8 17-0-0 17-0-0 0-10-8

Scale = 1:56.4



34-0-0
34-0-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	0.00	20	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	0.00	20	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.01	20	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 272 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 11-30

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

REACTIONS. All bearings 34-0-0.
(lb) - Max Horz 2=-181(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 2, 20, 31, 32, 34, 35, 36, 37, 29, 28, 26, 25, 24, 23 except 38=-107(LC 10), 22=-106(LC 11)
Max Grav All reactions 250 lb or less at joint(s) 2, 20, 30, 31, 32, 34, 35, 36, 37, 38, 29, 28, 26, 25, 24, 23, 22

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 9-10=-99/305, 10-11=-114/380, 11-12=-114/380, 12-13=-99/305

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-10-8 to 3-6-5, Exterior(2) 3-6-5 to 12-7-3, Corner(3) 12-7-3 to 21-4-13, Exterior(2) 21-4-13 to 30-5-11, Corner(3) 30-5-11 to 34-10-8 zone;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) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 20, 31, 32, 34, 35, 36, 37, 29, 28, 26, 25, 24, 23 except (jt=lb) 38=107, 22=106.
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.

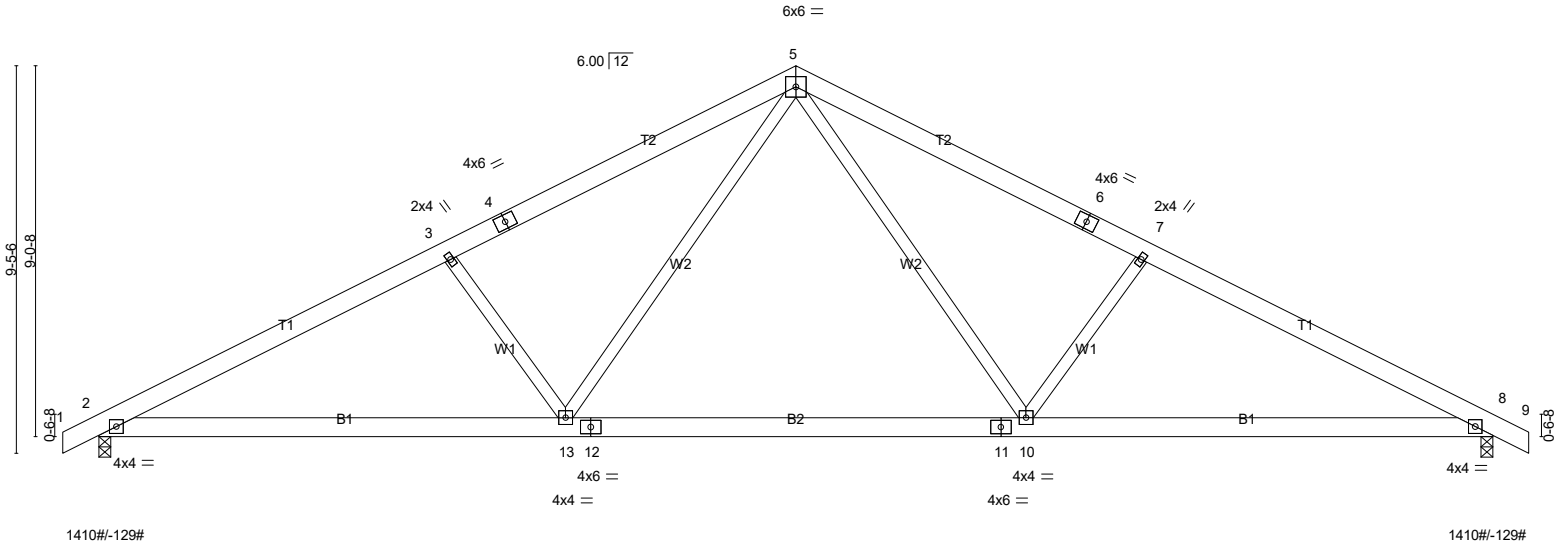
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	B2	COMMON	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:23 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-YJLxEZObZHU9YvelyaA1QeHuxKwgmtbqo70x?5yaiRM

-0-10-8	8-6-15	17-0-0	25-5-1	34-0-0	34-10-8
0-10-8	8-6-15	8-5-1	8-5-1	8-6-15	0-10-8

Scale = 1:56.2



11-4-10	22-7-6	34-0-0
11-4-10	11-2-12	11-4-10

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.32	Vert(LL)	-0.28	10-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.57	Vert(CT)	-0.38	10-13	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.31	Horz(CT)	0.06	8	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.05	2-13	>999	240	Weight: 217 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 2=1410/0-3-8 (min. 0-1-11), 8=1410/0-3-8 (min. 0-1-11)
Max Horz 2=-116(LC 8)
Max Uplift2=-129(LC 10), 8=-129(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-14=-2416/628, 3-14=-2336/655, 3-4=-2173/619, 4-15=-2080/637, 5-15=-2069/660, 5-16=-2069/660, 6-16=-2080/637, 6-7=-2173/619, 7-17=-2336/655, 8-17=-2416/628
BOT CHORD 2-13=-438/2122, 12-13=-169/1384, 12-18=-169/1384, 18-19=-169/1384, 11-19=-169/1384, 10-11=-169/1384, 8-10=-438/2077
WEBS 5-10=-170/903, 7-10=-511/310, 5-13=-170/903, 3-13=-511/310

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 12-7-3, Exterior(2) 12-7-3 to 21-4-13, Interior(1) 21-4-13 to 30-5-11, Exterior(2) 30-5-11 to 34-10-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=129, 8=129.
6) 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) Standard

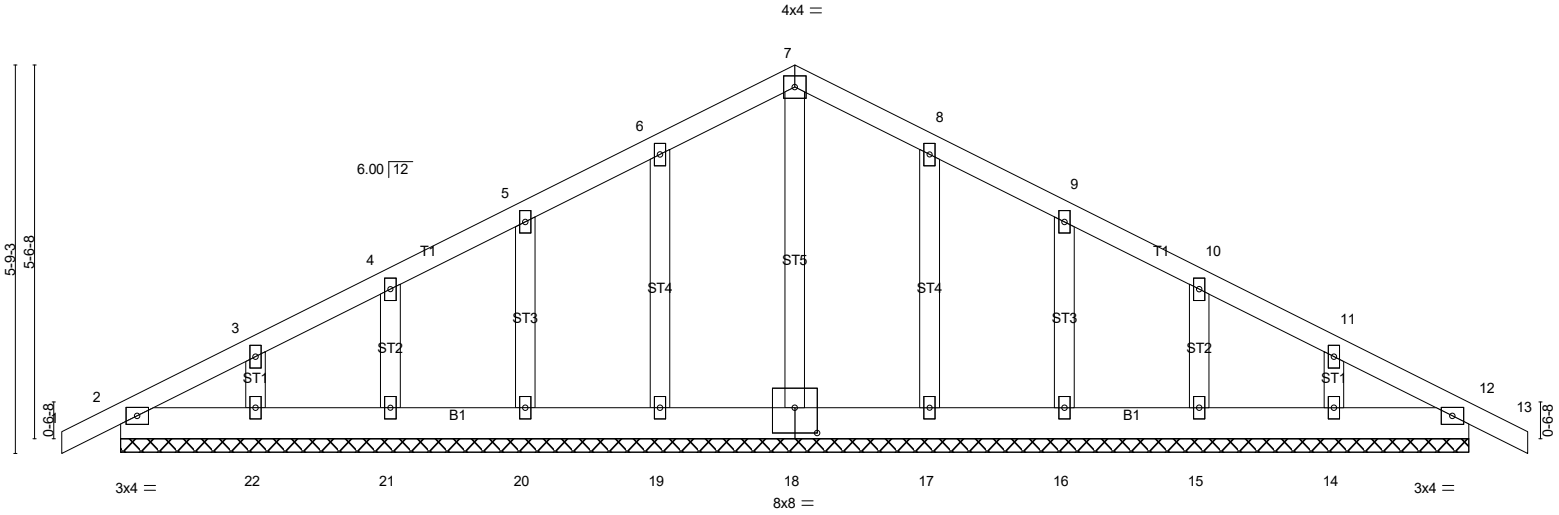
Job	Truss	Truss Type	Qty	Ply	
J0624-3459	C1	COMMON TRUSS	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:24 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-0WvKSuPDKbc0A2DyWHhHyrq7lkOZVOx_0mmVXXyaiRL

-0-10-8 | 10-0-0 | 20-0-0 | 20-10-8
0-10-8 | 10-0-0 | 10-0-0 | 0-10-8

Scale = 1:34.2



20-0-0
20-0-0

Plate Offsets (X,Y)-- [18:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	-0.00	12	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	-0.00	12	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 118 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 20-0-0.
(lb) - Max Horz 2=110(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 12, 19, 20, 21, 22, 17, 16, 15, 14, 2
Max Grav All reactions 250 lb or less at joint(s) 12, 18, 19, 20, 21, 22, 17, 16, 15, 14, 2

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=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-10-8 to 3-6-5, Exterior(2) 3-6-5 to 5-7-3, Corner(3) 5-7-3 to 14-4-13, Exterior(2) 14-4-13 to 16-5-11, Corner(3) 16-5-11 to 20-10-8 zone;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) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 19, 20, 21, 22, 17, 16, 15, 14, 2.
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) Standard

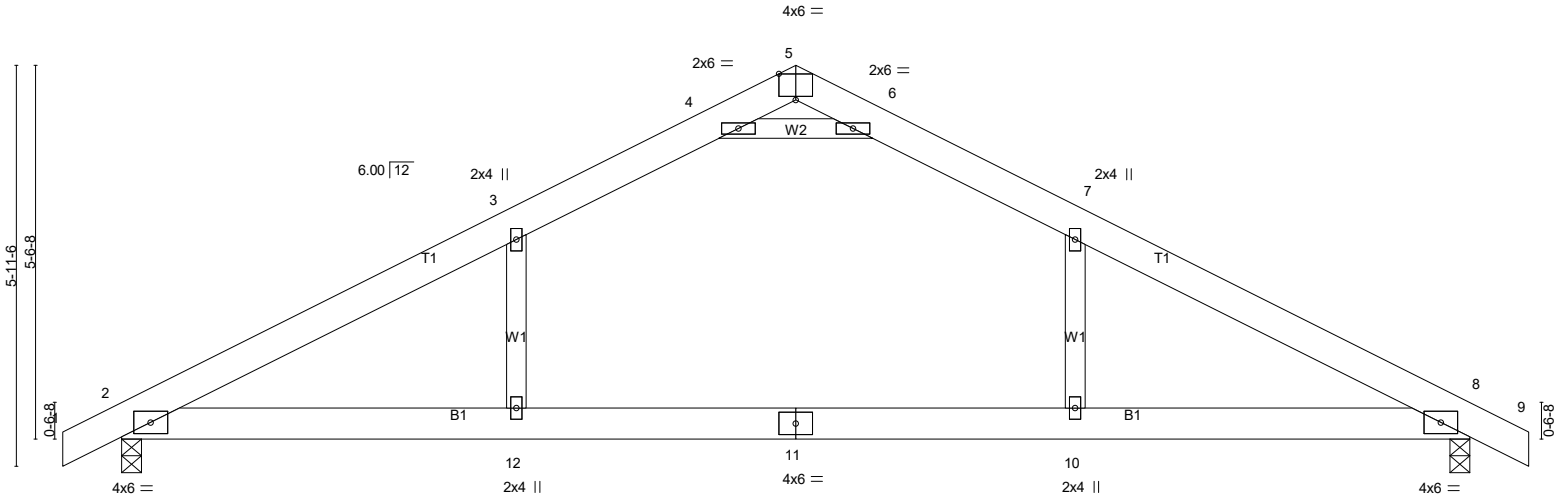
Job	Truss	Truss Type	Qty	Ply	
J0624-3459	C2	COMMON TRUSS	2	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:24 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-0WvKSuPDKbc0A2DyWHhHyrq?PkIjVKf_0mmVXXyaiRL

-0-10-8	5-5-2	10-0-0	14-6-14	20-0-0	20-10-8
0-10-8	5-5-2	4-6-14	4-6-14	5-5-2	0-10-8

Scale = 1:34.2



850#/-82# 850#/-82#

10-0-0	20-0-0
10-0-0	10-0-0

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	-0.15	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.27	10-12	>890	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.08	12	>999	240	Weight: 116 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 2=850/0-3-8 (min. 0-1-8), 8=850/0-3-8 (min. 0-1-8)
Max Horz 2=-71(LC 8)
Max Uplift2=-82(LC 10), 8=-82(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-1265/341, 3-13=-1148/352, 3-4=-1003/403, 4-5=-210/846, 5-6=-210/846, 6-7=-1003/403, 7-14=-1148/352, 8-14=-1265/341
BOT CHORD 2-12=-183/1021, 12-15=-183/1021, 11-15=-183/1021, 11-16=-183/1021, 10-16=-183/1021, 8-10=-183/1021
WEBS 3-12=0/333, 7-10=0/333, 4-6=-1966/684

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 5-7-3, Exterior(2) 5-7-3 to 14-1-12, Interior(1) 14-1-12 to 16-5-11, Exterior(2) 16-5-11 to 20-10-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8.
6) 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.

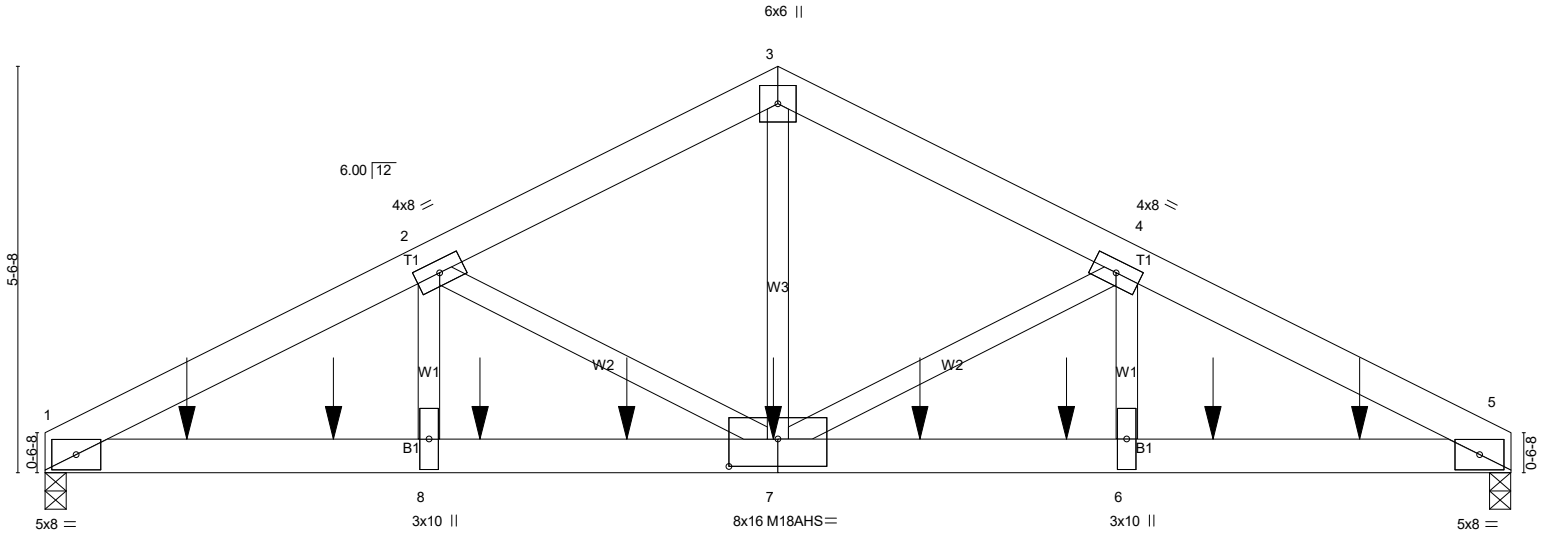
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	C3	COMMON GIRDER	1	2	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:25 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-UiTifEQr4vktnCo84?CWV3MA88ZxEeY7FQV23zyaiRK

5-2-14	10-0-0	14-9-2	20-0-0
5-2-14	4-9-2	4-9-2	5-2-14

Scale = 1:31.4



6915#/-530# 6685#/-509#

5-2-14	10-0-0	14-9-2	20-0-0
5-2-14	4-9-2	4-9-2	5-2-14

Plate Offsets (X,Y)-- [7:0-8-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	-0.11	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.23	7-8	>999	240	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.86	Horz(CT)	0.08	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.08	7-8	>999	240	Weight: 257 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=6915/0-3-8 (min. 0-2-14), 5=6685/0-3-8 (min. 0-2-12)
Max Horz 1=66(LC 26)
Max Uplift1=-530(LC 8), 5=-509(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-12285/941, 2-3=-8326/667, 3-4=-8326/667, 4-5=-11995/914
BOT CHORD 1-9=-841/10831, 9-10=-841/10831, 8-10=-841/10831, 8-11=-841/10831, 11-12=-841/10831, 7-12=-841/10831, 7-13=-756/10572, 13-14=-756/10572, 6-14=-756/10572, 6-15=-756/10572, 15-16=-756/10572, 5-16=-756/10572
WEBS 3-7=-509/6975, 4-7=-3617/356, 4-6=-195/3387, 2-7=-3914/383, 2-8=-222/3665

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 oc.
Webs 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=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
5) 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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=530, 5=509.
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.

Continued on page 2

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1301 lb down and 107 lb up at 1-11-4, 1460 lb down and 124 lb up at 3-11-4, 1460 lb down and 124 lb up at 5-11-4, 1301 lb down and 107 lb up at 7-11-4, 1301 lb down and 107 lb up at 9-11-4, 1301 lb down and 107 lb up at 11-11-4, 1301 lb down and 107 lb up at 13-11-4, and 1301 lb down and 107 lb up at 15-11-4, and 1301 lb down and 107 lb up at 17-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-5=-60, 1-5=-20
   Concentrated Loads (lb)
   Vert: 7=-1301(B) 9=-1301(B) 10=-1460(B) 11=-1460(B) 12=-1301(B) 13=-1301(B) 14=-1301(B) 15=-1301(B) 16=-1301(B)

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	D1	COMMON	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:26 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-yu14taRTrCskPMMKdijl2GvI_Y2IzDnHU4FbbQyaiRJ

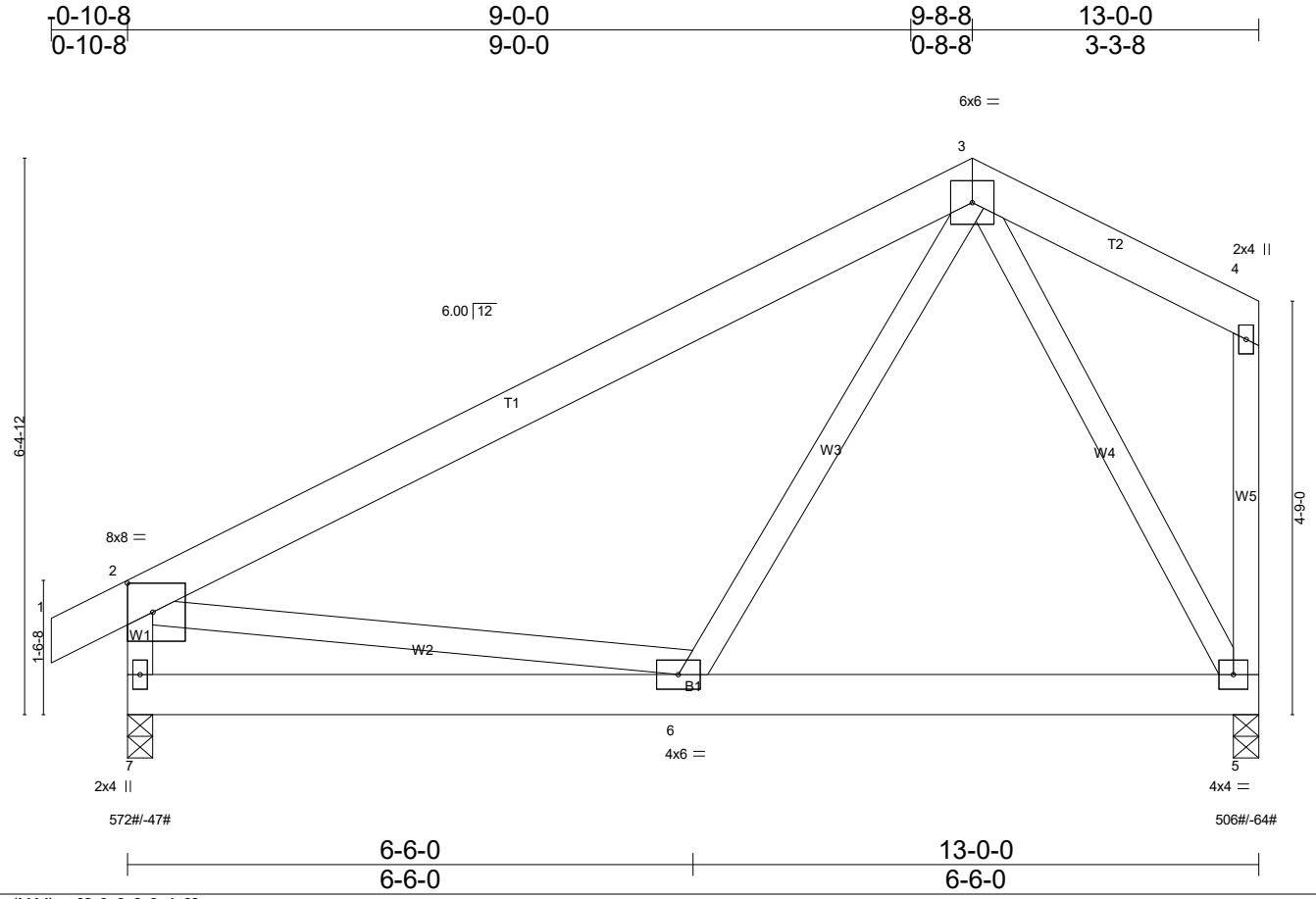


Plate Offsets (X,Y)-- [2:0-3-8,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	-0.01	5-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	-0.03	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.00	6	>999	240	Weight: 102 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 7=572/0-3-8 (min. 0-1-8), 5=506/0-3-8 (min. 0-1-8)
Max Horz 7=128(LC 7)
Max Uplift7=-47(LC 10), 5=-64(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-479/83, 8-9=-346/92, 3-9=-340/116, 2-7=-513/253
BOT CHORD 6-7=-439/319
WEBS 3-6=0/308, 2-6=-58/328, 3-5=-482/276

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 5-3-11, Exterior(2) 5-3-11 to 12-10-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 5.
6) 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.

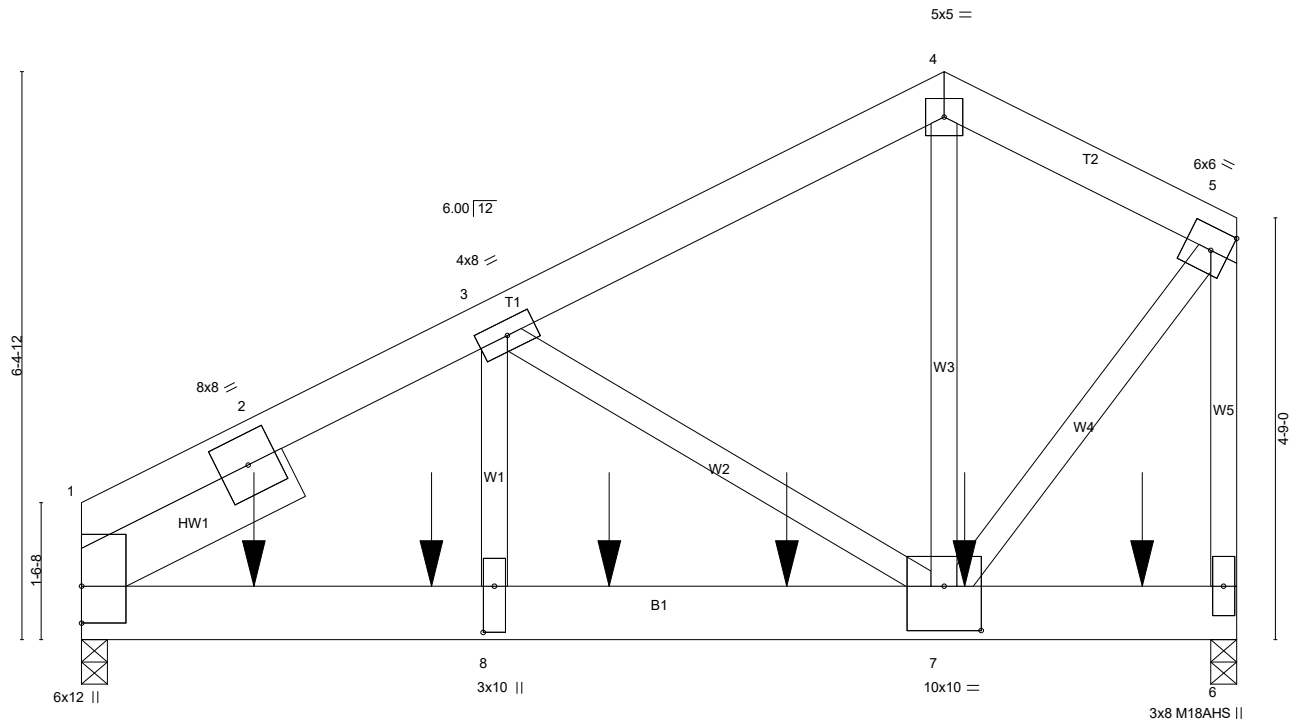
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	D2	COMMON GIRDER	1	**2**	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:26 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-yu14taRTrCskPMMKdijl2GvF9Yv0zAqHU4FbbQyaiRJ

4-7-12	9-0-0	9-8-8	13-0-0
4-7-12	4-4-4	0-8-8	3-3-8

Scale = 1:25.9



4-7-12	9-0-0	13-0-0
4-7-12	4-4-4	4-0-0

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.90	Vert(LL)	-0.05	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.66	Vert(CT)	-0.11	7-8	>999	240	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr NO	WB	0.53	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S		Wind(LL)	0.04	7-8	>999	240	Weight: 233 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x8 SP No.1
WEBS 2x4 SP No.2
SLIDER Left 2x8 SP No.1 2-8-7

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=5214/0-3-8 (min. 0-3-1), 6=5543/0-3-8 (min. 0-3-5)
Max Horz 1=158(LC 27)
Max Uplift 1=-442(LC 8), 6=-528(LC 8)
Max Grav 1=5241(LC 2), 6=5581(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-6600/556, 2-3=-6547/571, 3-4=-2881/277, 4-5=-2918/299, 5-6=-4823/468
BOT CHORD 1-9=-562/5445, 9-10=-562/5445, 8-10=-562/5445, 8-11=-562/5445, 11-12=-562/5445, 7-12=-562/5445
WEBS 3-8=-304/4253, 3-7=-3402/376, 4-7=-185/2182, 5-7=-414/4351

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
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: 2x8 - 2 rows staggered at 0-5-0 oc.
Webs 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=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
5) 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 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=442, 6=528.
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.

Continued on page 2

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1795 lb down and 159 lb up at 1-11-4, 1795 lb down and 159 lb up at 3-11-4, 1795 lb down and 159 lb up at 5-11-4, 1513 lb down and 152 lb up at 7-11-4, and 1513 lb down and 152 lb up at 9-11-4, and 1513 lb down and 151 lb up at 11-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-4=-60, 4-5=-60, 1-6=-20
   Concentrated Loads (lb)
      Vert: 7=-1481(B) 9=-1761(B) 10=-1761(B) 11=-1761(B) 12=-1481(B) 13=-1482(B)

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	E1	COMMON SUPPORTED GAB	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:27 2024 Page 1
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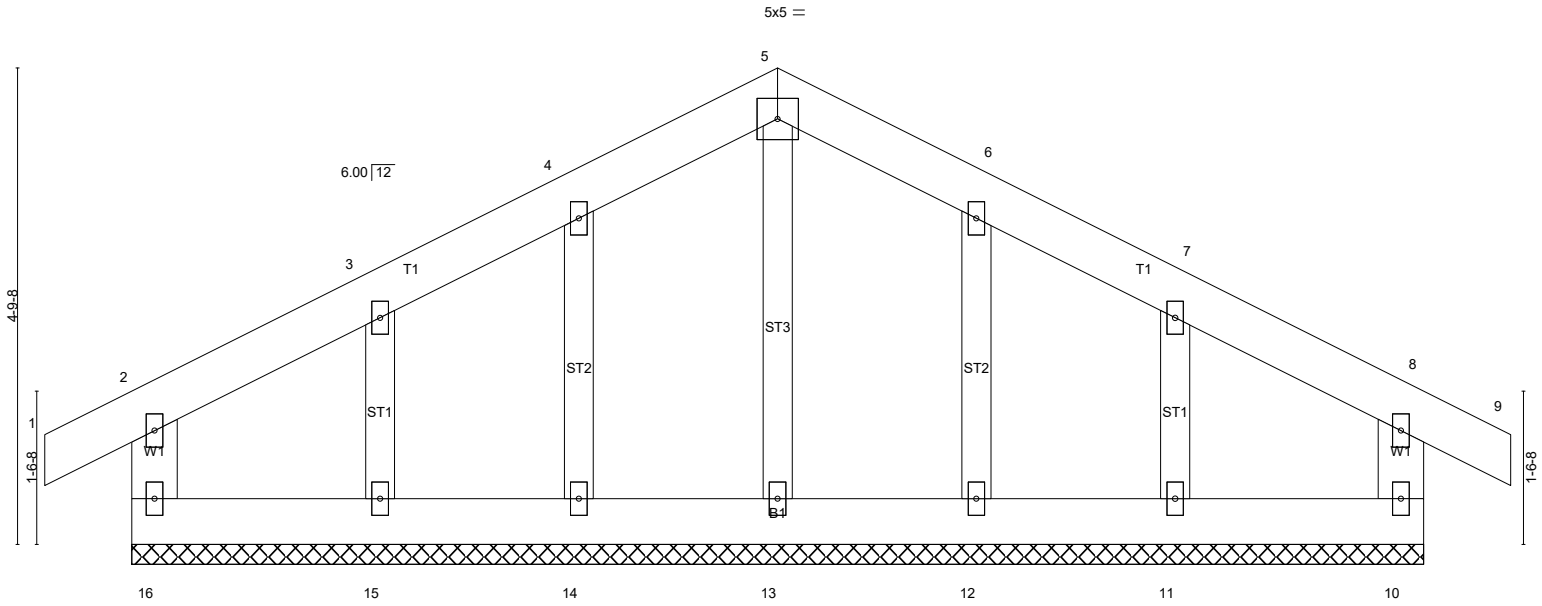
-0-10-8 | 6-6-0 | 13-0-0 | 13-10-8
0-10-8 | 6-6-0 | 6-6-0 | 0-10-8

Scale = 1:23.2



13-0-0
13-0-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	-0.00	8	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.01	Vert(CT)	-0.00	8	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-R							Weight: 94 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 13-0-0.
(lb) - Max Horz 16=-48(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 16, 10, 14, 15, 12, 11
Max Grav All reactions 250 lb or less at joint(s) 16, 10, 13, 14, 15, 12, 11

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-70/278, 5-6=-70/278

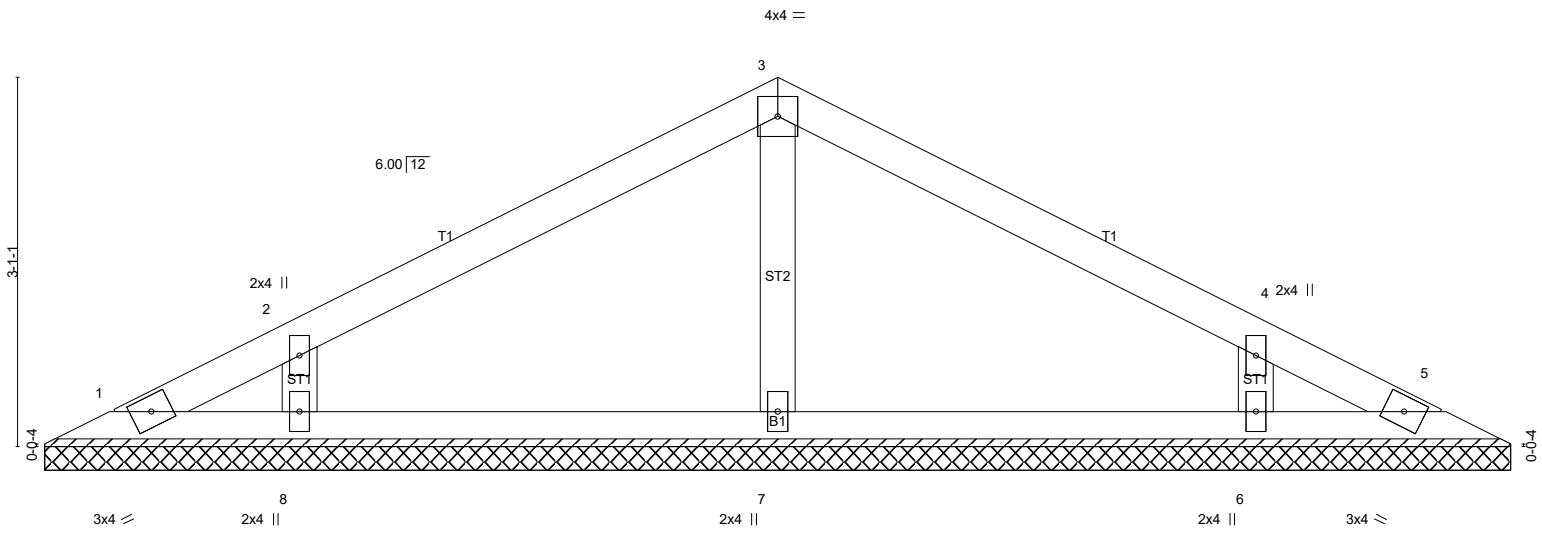
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 10, 14, 15, 12, 11.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	V01	Valley	1	1	Job Reference (optional)

6-2-1 12-4-2
6-2-1 6-2-1

Scale = 1:19.3



0-0-8 12-4-2
0-0-8 12-3-10

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 42 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 12-3-2.
(lb) - Max Horz 1=36(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=286(LC 1), 8=296(LC 21), 6=296(LC 22)

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=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 8, 6.
7) 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.

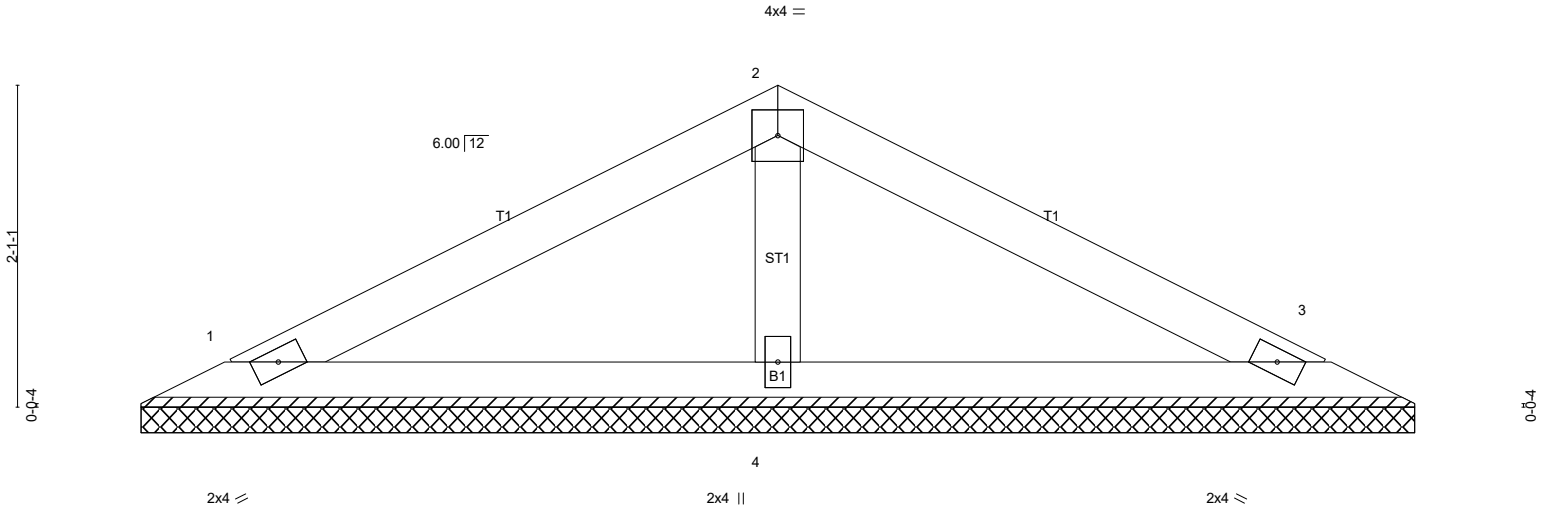
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	V02	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:28 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-vH9qIGSjNq6RegWjl7ID7h_myLkIRCFaxOkigIyaiRH

4-2-1 8-4-2
4-2-1 4-2-1

Scale = 1:14.9



0-0-8 8-4-2
0-0-8 8-3-10

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 26 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 1=144/8-3-2 (min. 0-1-8), 3=144/8-3-2 (min. 0-1-8), 4=278/8-3-2 (min. 0-1-8)
Max Horz 1=-23(LC 6)
Max Uplift1=-26(LC 10), 3=-30(LC 11)

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=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
7) 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) Standard

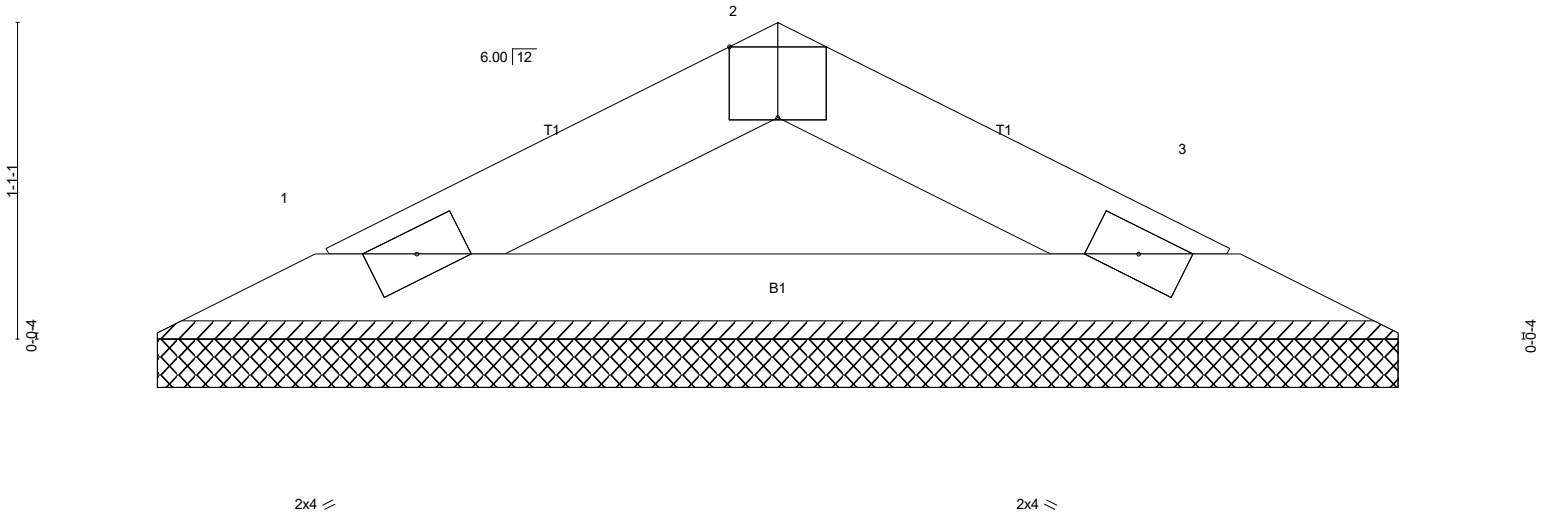
Job	Truss	Truss Type	Qty	Ply	
J0624-3459	V03	Valley	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309 Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Sep 23 16:44:29 2024 Page 1
ID:29qEE11?84_1DhFPog7m1ezj9g3-NTiCVcTL87EIGq5vJqGSfvXzql4fAfujA2TFCkyaiRG

2-2-1 4-4-2
2-2-1 2-2-1

3x4 =

Scale = 1:7.9



0-0-8 4-4-2
0-0-8 4-3-10

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 11 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 1=123/4-3-2 (min. 0-1-8), 3=123/4-3-2 (min. 0-1-8)
Max Horz 1=-10(LC 6)
Max Uplift1=-11(LC 10), 3=-11(LC 11)

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=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
7) 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) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	VD01	Valley	1	1	Job Reference (optional)

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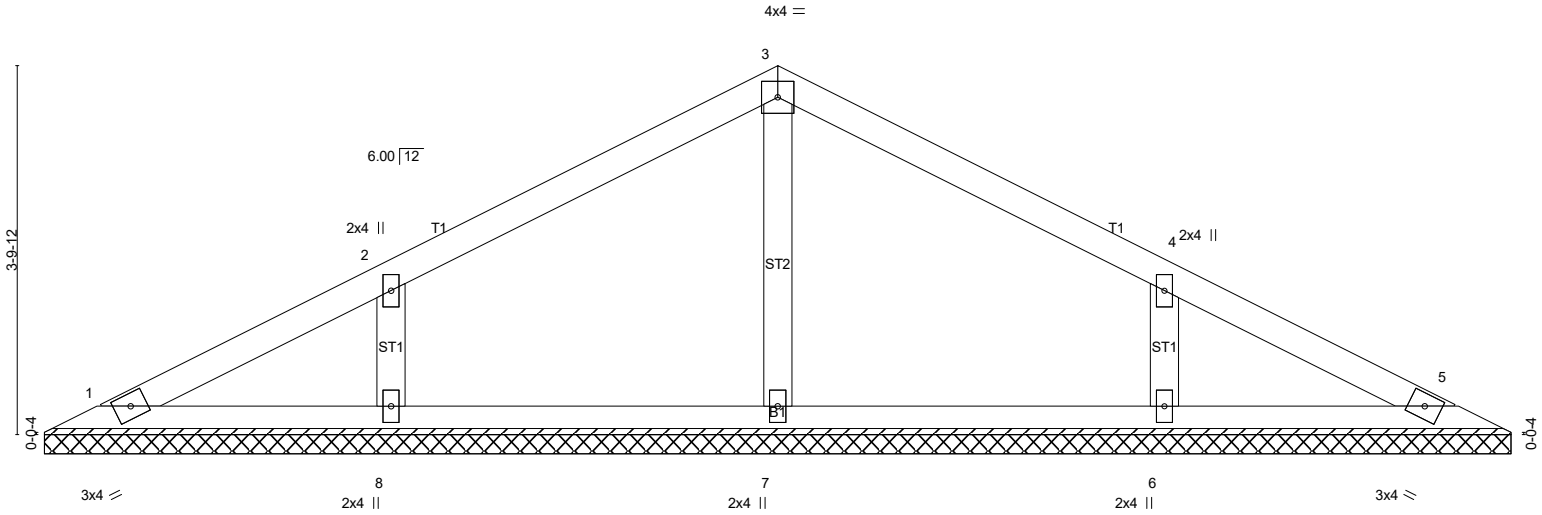
ID:29qEE11?84_1DhFPog7m1ezj9g3-NTiCVcTL87ElGq5vJqGSfvXxJl4hAfCjA2TFCkyaiRG

7-7-8 15-3-1
7-7-8 7-7-8

Scale: 1/2"=1'



0-0-8 15-3-1
0-0-8 15-2-9

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 54 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 15-2-1.
(lb) - Max Horz 1=-46(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 1, 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=276(LC 1), 8=332(LC 21), 6=332(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-252/224, 4-6=-252/224

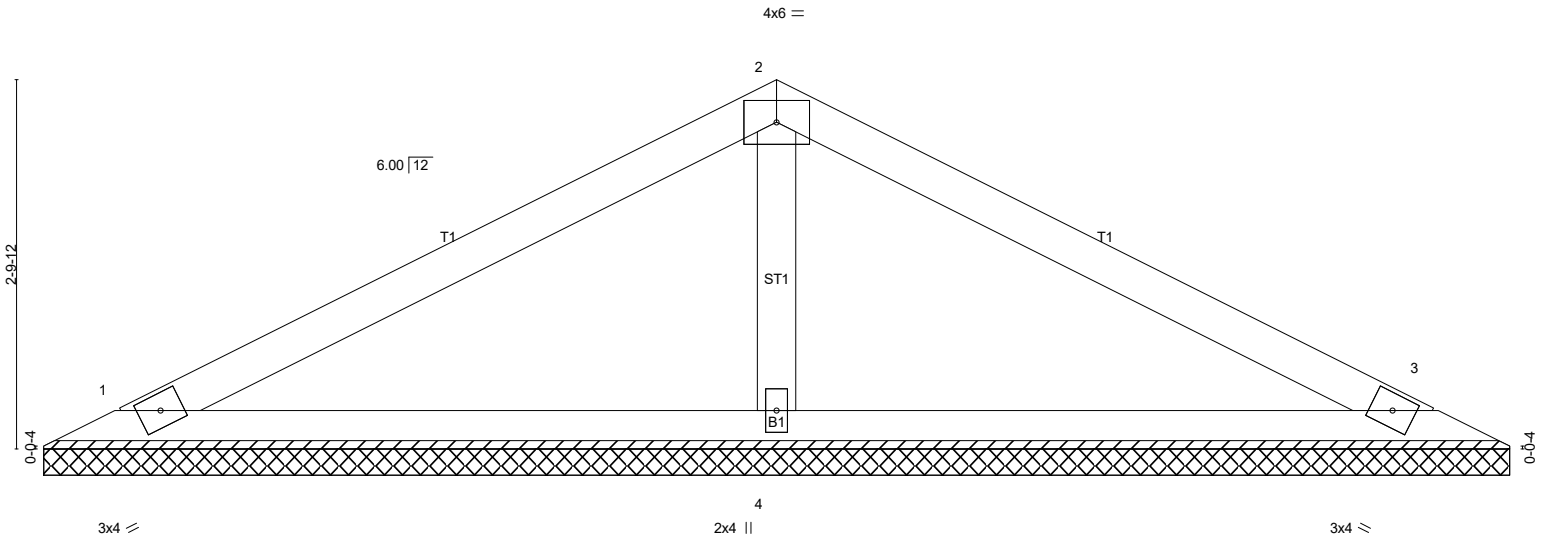
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 8, 6.
7) 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) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	VD02	Valley	1	1	Job Reference (optional)

5-7-8 | 11-3-1
5-7-8 | 5-7-8

Scale = 1:17.6



0-0-8 | 11-3-1
0-0-8 | 11-2-9

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S							Weight: 37 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 1=183/11-2-1 (min. 0-1-8), 3=183/11-2-1 (min. 0-1-8), 4=433/11-2-1 (min. 0-1-8)
Max Horz 1=-33(LC 6)
Max Uplift1=-28(LC 10), 3=-34(LC 11), 4=-12(LC 10)
Max Grav 1=185(LC 21), 3=185(LC 22), 4=433(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-287/195

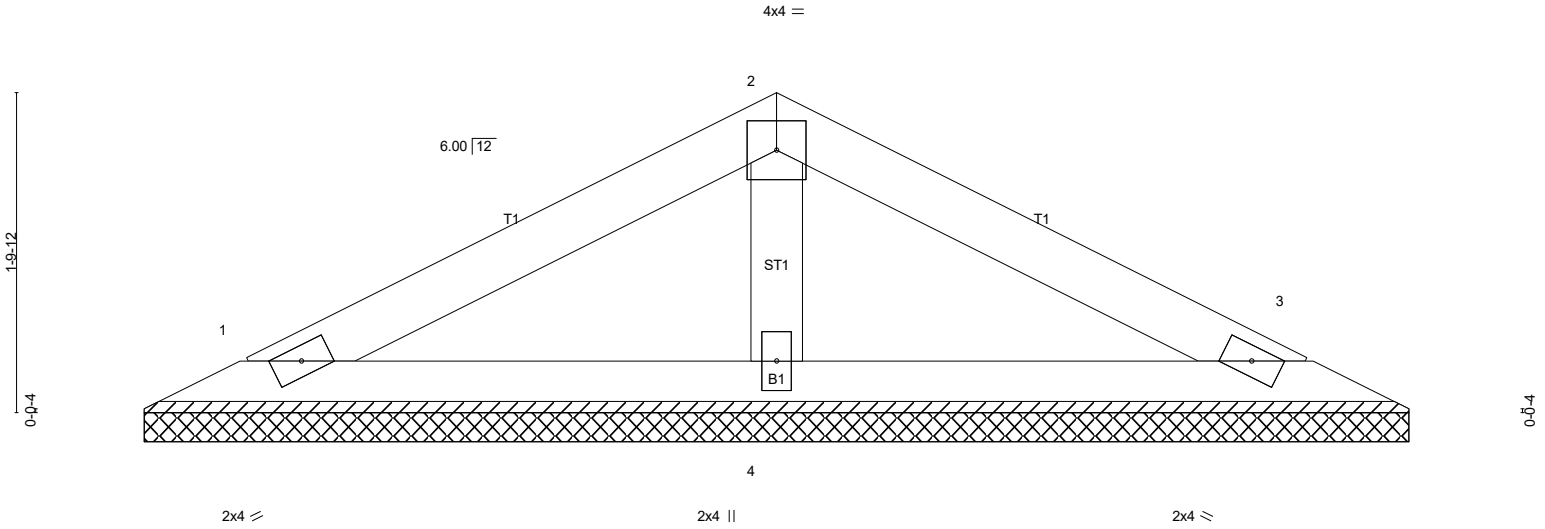
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
7) 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) Standard

Job	Truss	Truss Type	Qty	Ply	
J0624-3459	VD03	Valley	1	1	Job Reference (optional)

3-7-8 7-3-1
3-7-8 3-7-8

Scale = 1:13.1



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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 22 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 1=122/7-2-1 (min. 0-1-8), 3=122/7-2-1 (min. 0-1-8), 4=235/7-2-1 (min. 0-1-8)
Max Horz 1=20(LC 9)
Max Uplift1=-22(LC 10), 3=-25(LC 11)

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=130mph Vasd=103mph; TCDL=6.0psf; BCDL=5.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
7) 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) Standard