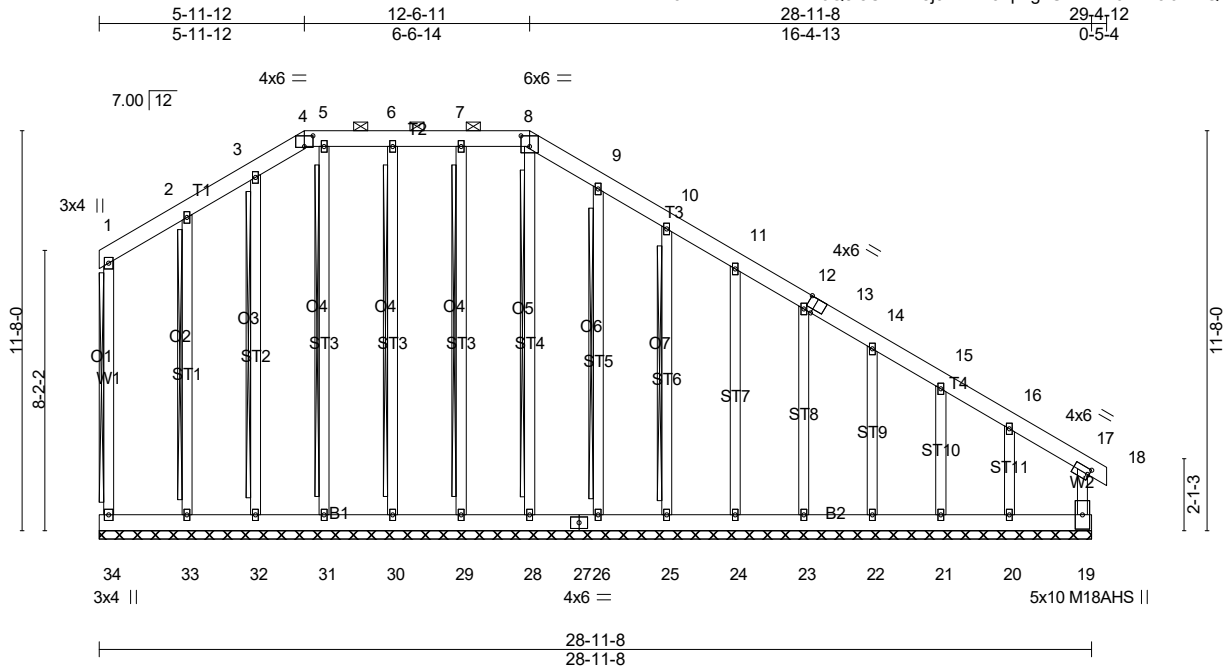


Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	A1	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:37 2023 Page 1
ID:3ZkAT1H?TWmBdJQ818CHLx8j5Y-XW3ep7guUvbMvb9Vtm3iJsrzQzFjKtIR5i4XoczehX



Scale = 1:67.2

Plate Offsets (X,Y)-- [4:0-3-0,0-3-12], [8:0-3-0,0-3-12], [13:0-2-9,Edge], [17:0-0-9,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.54	Vert(LL) -0.00	17	n/r	120	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.19	Vert(CT) 0.00	17	n/r	120	M18AHS	186/179
BCLL 0.0 *	Lumber DOL 1.15	WB 0.14	Horz(CT) 0.01	19	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-R						
	Code IRC2015/TPI2014							
							Weight: 314 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, and 2-0-0 oc purlins (6-0-0 max.): 4-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2x4 SPF No.2 - 1-34, 8-28, 7-29, 6-30, 5-31, 3-32, 2-33, 9-26, 10-25
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 28-11-8.
(lb) - Max Horz 34=-369(LC 13)
Max Uplift All uplift 100 lb or less at joint(s) 34, 28, 29, 30, 31, 32, 33, 26, 25, 24, 23, 22 except 19=-244(LC 11), 20=-543(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 34, 28, 29, 30, 31, 32, 33, 26, 25, 24, 23, 22, 21 except 19=514(LC 13), 20=398(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 15-16=-290/195, 16-17=-469/299, 17-19=-316/181
BOT CHORD 33-34=-231/363, 32-33=-231/363, 31-32=-231/363, 30-31=-231/363, 29-30=-231/363, 28-29=-231/363, 27-28=-231/363, 26-27=-231/363, 25-26=-231/363, 24-25=-231/363, 23-24=-231/363, 22-23=-231/363, 21-22=-231/363, 20-21=-231/363, 19-20=-231/363
WEBS 16-20=-289/329

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-3-4 to 4-6-11, Exterior(2) 4-6-11 to 5-11-12, Corner(3) 5-11-12 to 10-6-11, Exterior(2) 10-6-11 to 12-6-11, Corner(3) 12-6-11 to 16-11-8, Exterior(2) 16-11-8 to 29-4-12 zone; 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.
 - Provide adequate drainage to prevent water ponding.
 - All plates are MT20 plates unless otherwise indicated.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - 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.
 - 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 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.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	A1	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:37 2023 Page 2
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-XW3ep7guUvbMvb9Vtm3iJSrzQzFjKTiR5t4Xoczehxi

NOTES-

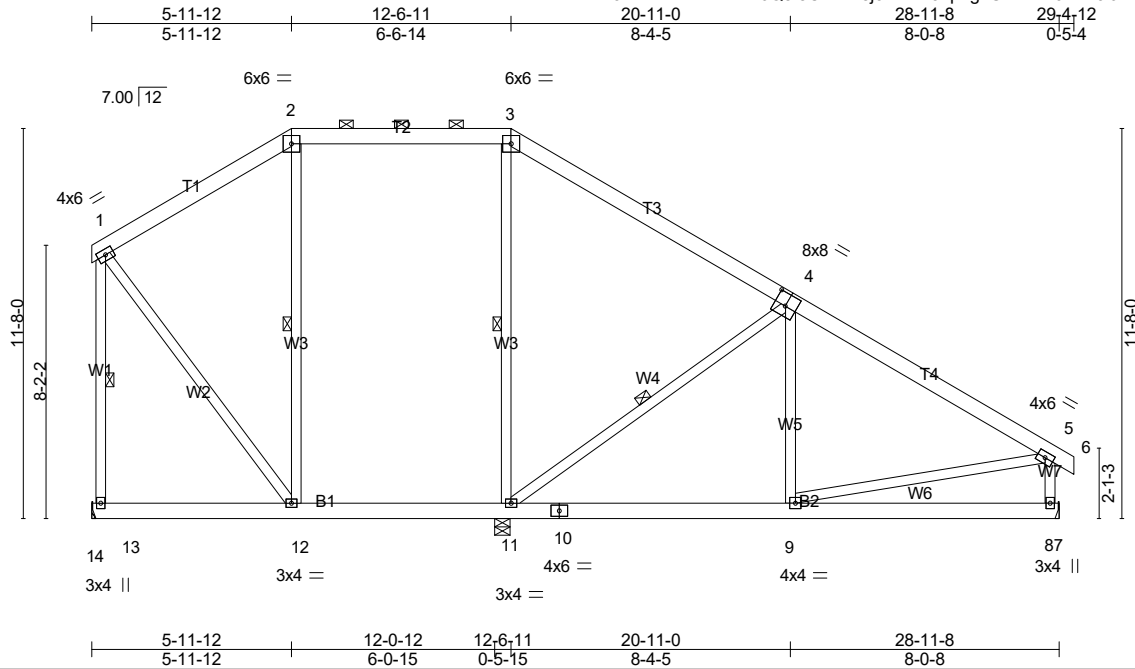
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 34, 28, 29, 30, 31, 32, 33, 26, 25, 24, 23, 22 except (jt=lb) 19=244, 20=543.
- 13) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 15) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job J0223-0575	Truss A2	Truss Type PIGGYBACK BASE	Qty 4	Ply 1	2150 Camp Easter Road Job Reference (optional)
-------------------	-------------	------------------------------	----------	----------	---

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:37 2023 Page 1
ID:3ZKAT1H?TWmBdJQ8I8CHLxz8j5Y-XW3ep7guUvbMvb9Vtm3iJSr1bzDSKQVR5t4Xoczehki



Scale = 1:69.0

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.27	Vert(LL) -0.03	11-12	>999	360	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.27	Vert(CT) -0.04	8-9	>999	240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.34	Horz(CT) 0.01	8	n/a	n/a		
BCLL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL) 0.01	12	>999	240		
BCDL 10.0	Code IRC2015/TPI2014						Weight: 240 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, and 2-0-0 oc purlins (6-0-0 max.): 2-3.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 2-12, 3-11, 4-11, 1-13

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

REACTIONS. (lb/size) 11=780/0-5-8 (min. 0-1-8), 13=695/Mechanical, 8=852/Mechanical
 Max Horz 13=-249(LC 13)
 Max Uplift 11=-150(LC 13), 13=-39(LC 12)
 Max Grav 11=982(LC 20), 13=894(LC 19), 8=875(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-15=-425/136, 2-15=-328/155, 2-16=-338/197, 16-17=-338/197, 3-17=-338/197,
 3-18=-411/161, 4-18=-527/116, 4-19=-797/150, 5-19=-962/122, 1-13=-749/216,
 5-8=-802/194
 BOT CHORD 11-12=-95/427, 10-11=-4/777, 10-21=-4/777, 9-21=-4/777
 WEBS 3-11=-328/186, 4-11=-689/251, 1-12=-81/530, 5-9=0/711

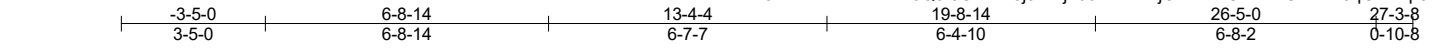
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-3-4 to 4-8-1, Interior(1) 4-8-1 to 5-11-12, Exterior(2) 5-11-12 to 12-2-7, Interior(1) 12-2-7 to 12-6-11, Exterior(2) 12-6-11 to 18-9-6, Interior(1) 18-9-6 to 29-4-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Provide adequate drainage to prevent water ponding.
 - 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) 13 except (jt=lb) 11=150.
 - 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.
 - 9) 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 J0223-0575	Truss B1	Truss Type GABLE	Qty 1	Ply 1	2150 Camp Easter Road Job Reference (optional)
-------------------	-------------	---------------------	----------	----------	---

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8:430 s May 12 2021 Print: 8:430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:38 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-?jd00ThWFDjCWlkhRUaxsfNCdNaK3qGaKXp5K2zehir



Scale = 1:54.8

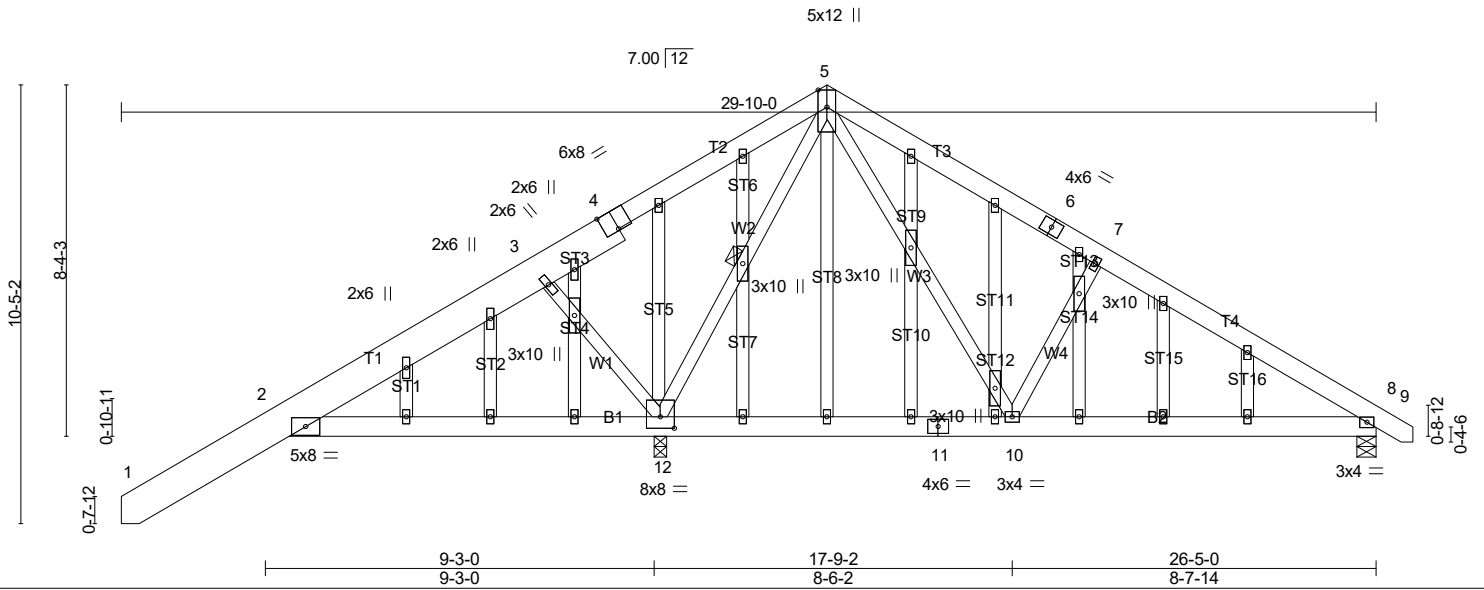


Plate Offsets (X,Y)-- [4:0-4-0,Edge], [12:0-4-0,0-3-4]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.26	Vert(LL)	-0.07 10-12	>999	360	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.23	Vert(CT)	-0.09 10-12	>999	240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.56	Horz(CT)	-0.00 8	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL)	0.02 8-10	>999	240		
	Code IRC2015/TPI2014							
							Weight: 271 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1 *Except* T1: 2x10 SP No.1	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x6 SP No.1	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.2	WEBS 1 Row at midpt 5-12
OTHERS 2x4 SP No.2	

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

REACTIONS. (lb/size) 8=401/0-5-8 (min. 0-1-8), 12=1933/0-3-8 (min. 0-2-5)
Max Horz 12=277(LC 11)
Max Uplift 8=-146(LC 13), 12=-488(LC 12)
Max Grav 8=571(LC 24), 12=1958(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-38=-538/794, 3-38=-534/962, 3-4=-517/1022, 4-39=-507/1092, 5-39=-499/1225,
5-40=-473/274, 6-40=-488/221, 6-7=-510/216, 7-41=-517/219, 8-41=-610/176
BOT CHORD 2-12=-759/665, 12-42=-375/383, 42-43=-375/383, 11-43=-375/383, 10-11=-375/383,
8-10=-148/454
WEBS 3-12=-549/338, 5-12=-1585/658, 5-10=-210/740, 7-10=-441/318

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -3-2-7 to 1-2-5, Interior(1) 1-2-5 to 13-4-4, Exterior(2) 13-4-4 to 17-9-1, Interior(1) 17-9-1 to 27-1-13 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 studs spaced at 2-0-0 oc.
 - 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 BCCL = 10.0psf.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=146, 12=488.
 - 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) Standard

Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	B2	COMMON	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:38 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-?jd00ThWFDjCWlkhRUaxsfNCdNaK3qGaKXp5K2zehxh

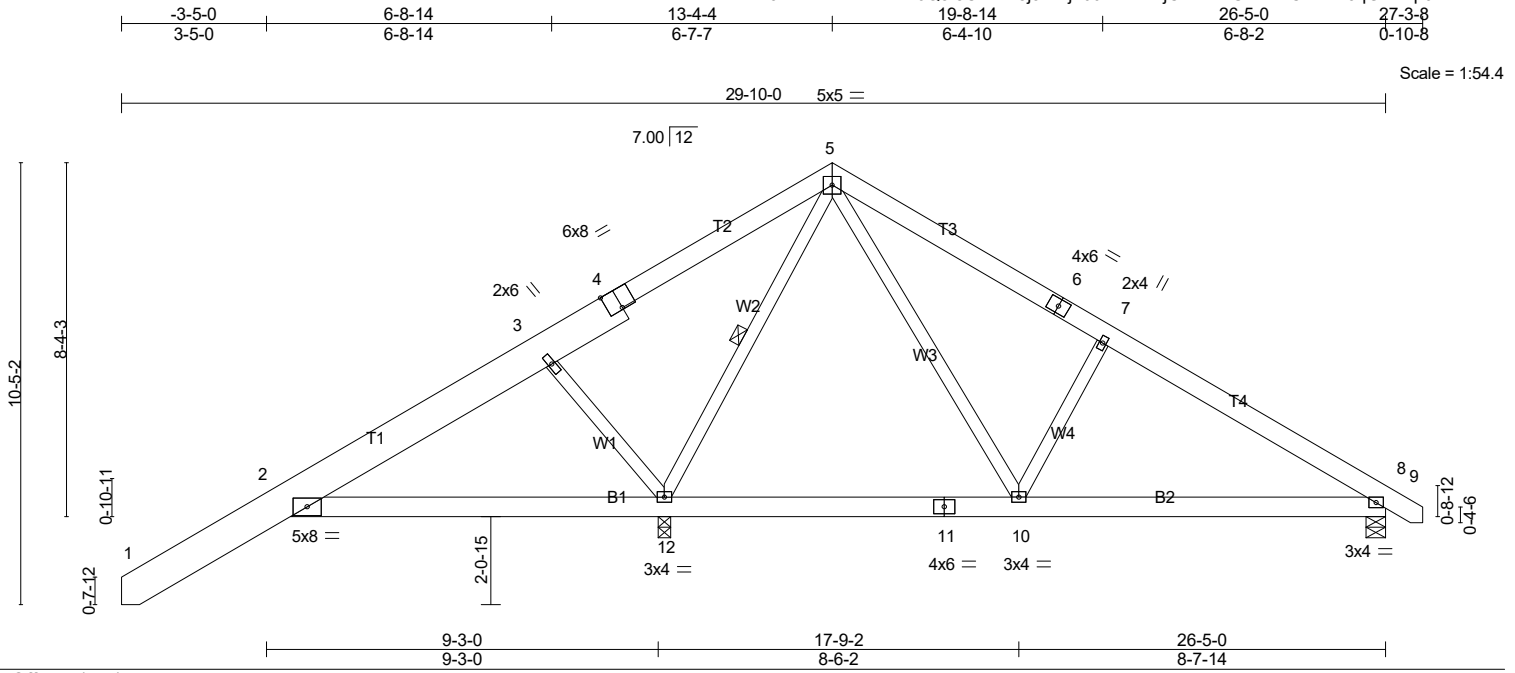


Plate Offsets (X,Y)-- [4:0-4-0,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.26	Vert(LL)	-0.07	10-12	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.23	Vert(CT)	-0.09	10-12	>999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.56	Horz(CT)	-0.00	8	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL)	0.02	8-10	>999		
	Code IRC2015/TPI2014						Weight: 204 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1 *Except*
T1: 2x10 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 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-12

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

REACTIONS. (lb/size) 12=1933/0-3-8 (min. 0-2-5), 8=401/0-5-8 (min. 0-1-8)
Max Horz 12=222(LC 11)
Max Uplift 12=-176(LC 12), 8=-60(LC 13)
Max Grav 12=1944(LC 19), 8=571(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-538/794, 3-13=-534/962, 3-4=-517/1022, 4-14=-507/1092, 5-14=-499/1225,
5-15=-473/274, 6-15=-488/221, 6-7=-510/216, 7-16=-517/219, 8-16=-610/176
BOT CHORD 2-12=-759/665, 12-17=-375/383, 17-18=-375/383, 11-18=-375/383, 10-11=-375/383,
8-10=-148/454
WEBS 3-12=-549/265, 5-12=-1585/658, 5-10=-144/725, 7-10=-441/256

NOTES-

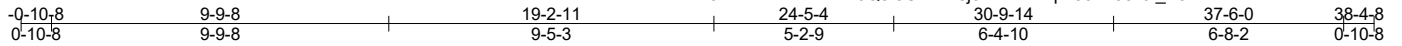
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -3-2-7 to 1-2-5, Interior(1) 1-2-5 to 13-4-4, Exterior(2) 13-4-4 to 17-9-1, Interior(1) 17-9-1 to 27-1-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 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 BCCL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8 except (jt=lb) 12=176.
- 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

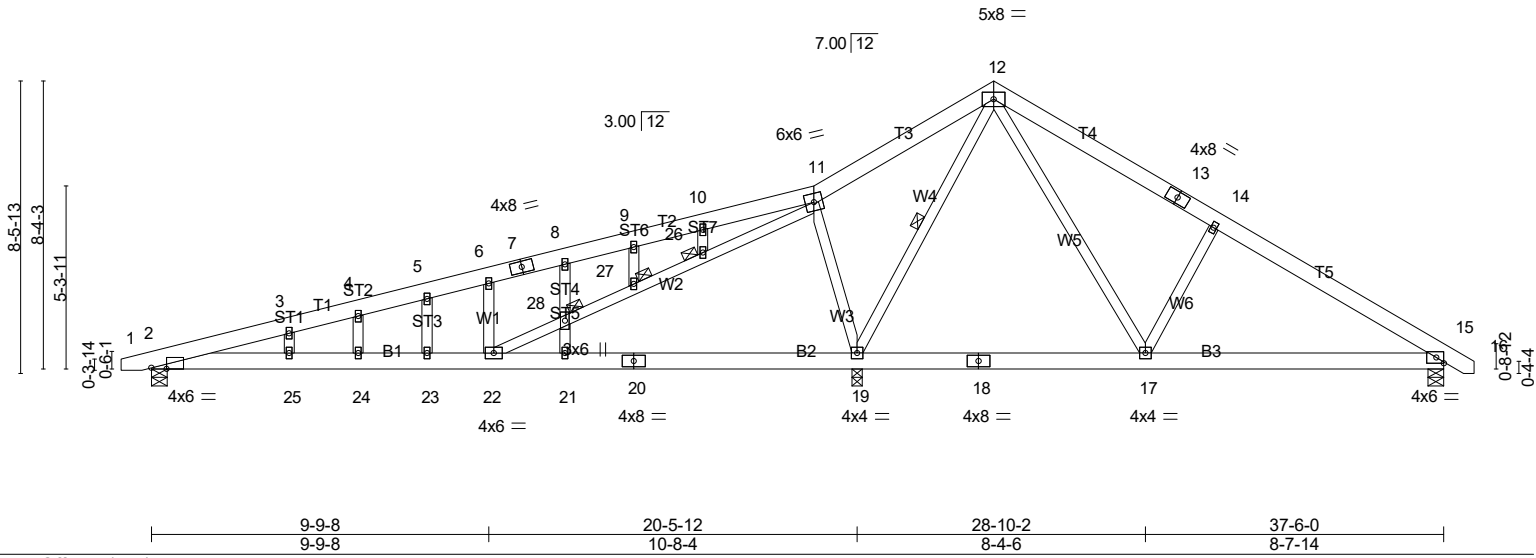
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	B3	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:39 2023 Page 1
 ID:3ZKAT1H?TWmBdJQ8l8CHLxz8j5Y-TvAPEph80Xs38vJt_B5APtWnwnuToHtkZBZesVzehxg



Scale = 1:66.8



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.22	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.36	Vert(LL) -0.09 24 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.54	Vert(CT) -0.19 24-25 >999 240		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.00 15 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.11 24-25 >999 240		Weight: 257 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.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 12-19
 JOINTS 1 Brace at Jt(s): 26, 27, 28

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

REACTIONS. (lb/size) 2=644/0-5-8 (min. 0-1-8), 19=1953/0-3-8 (min. 0-2-5), 15=471/0-5-8 (min. 0-1-8)
 Max Horz 2=257(LC 11)
 Max Uplift 2=-210(LC 8), 19=-468(LC 12), 15=-182(LC 13)
 Max Grav 2=648(LC 23), 19=1953(LC 1), 15=576(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1156/298, 3-4=-1113/325, 4-5=-1092/339, 5-6=-1074/361, 6-7=-1164/395,
 7-8=-1150/401, 8-9=-1120/435, 9-10=-1102/444, 10-11=-1117/471, 11-29=-183/789,
 12-29=-167/930, 12-30=-394/287, 13-30=-435/260, 13-14=-488/251, 14-31=-535/224,
 15-31=-628/201
 BOT CHORD 2-25=-327/1072, 24-25=-327/1072, 23-24=-327/1072, 22-23=-327/1072, 21-22=-595/290,
 20-21=-595/290, 19-20=-595/290, 19-32=-251/268, 18-32=-251/268, 18-33=-251/268,
 17-33=-251/268, 15-17=-78/459
 WEBS 6-22=-467/140, 22-28=-619/1865, 27-28=-593/1809, 26-27=-600/1822, 11-26=-633/1907,
 11-19=-601/338, 12-19=-1305/259, 12-17=-205/729, 14-17=-435/316

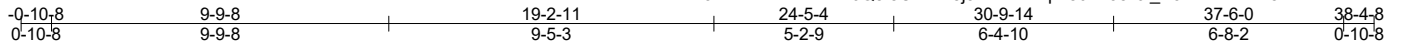
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-6-15 to 4-0-0, Interior(1) 4-0-0 to 24-5-4, Exterior(2) 24-5-4 to 28-10-1, Interior(1) 28-10-1 to 38-2-11 zone; 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=210, 19=468, 15=182.
 - 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	2150 Camp Easter Road
J0223-0575	B4	ROOF SPECIAL	3	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:39 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-TvAPEph80Xs38vJt_B5APtwLWnu8oEukZBZesVzehxg



Scale = 1:66.8

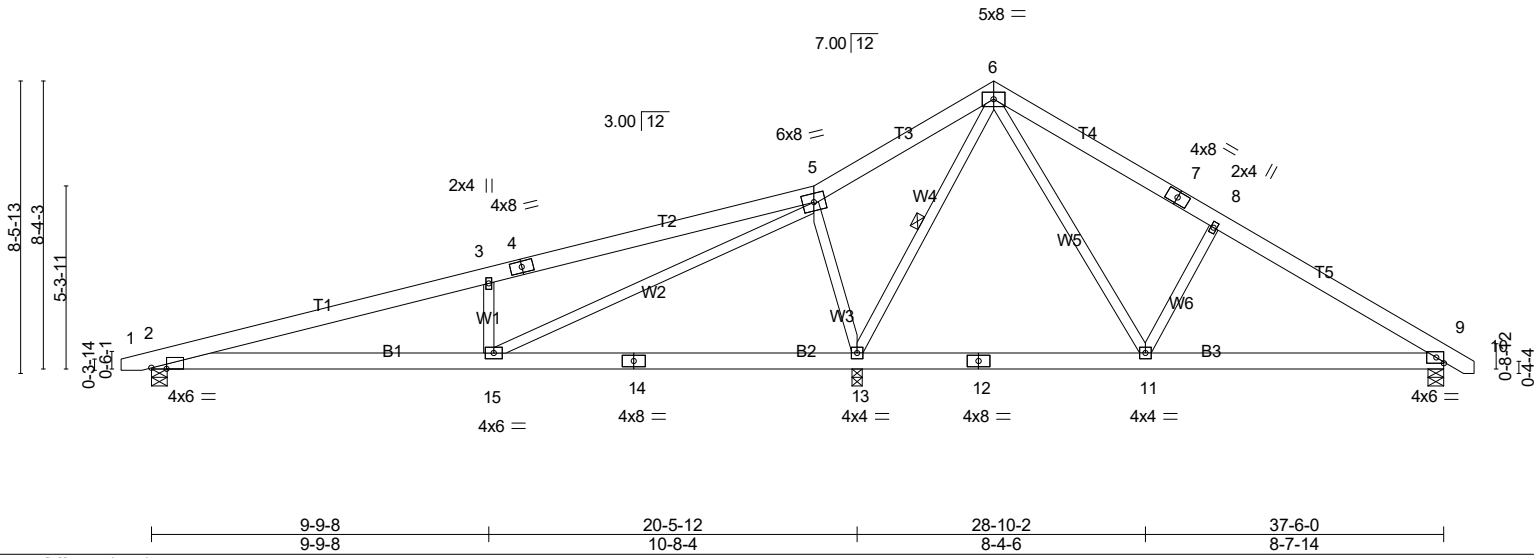


Plate Offsets (X,Y)-- [2:0-5-4,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.32	Vert(LL) -0.08 11-13 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.73	Vert(CT) -0.16 2-15 >999 240		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.00 9 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.06 2-15 >999 240		Weight: 245 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 6-0-0 oc bracing, Except:
 10-0-0 oc bracing: 2-15.
 WEBS 1 Row at midpt 6-13

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

REACTIONS. (lb/size) 2=628/0-5-8 (min. 0-1-8), 13=1989/0-3-8 (min. 0-2-6), 9=452/0-5-8 (min. 0-1-8)
 Max Horz 2=193(LC 11)
 Max Uplift 2=-95(LC 8), 13=-161(LC 12), 9=-80(LC 13)
 Max Grav 2=632(LC 23), 13=1989(LC 1), 9=565(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-16=-1130/176, 3-16=-1068/194, 3-4=-1142/270, 4-5=-1066/295, 5-17=-57/844,
 6-17=-40/985, 6-18=-360/183, 7-18=-394/157, 7-8=-446/148, 8-19=-502/130,
 9-19=-595/107
 BOT CHORD 2-15=-116/1034, 14-15=-647/224, 13-14=-647/224, 13-20=-285/186, 12-20=-285/186,
 12-21=-285/186, 11-21=-285/186, 9-11=-62/443
 WEBS 3-15=-634/297, 5-15=-375/1873, 5-13=-605/275, 6-13=-1350/242, 6-11=-137/720,
 8-11=-437/248

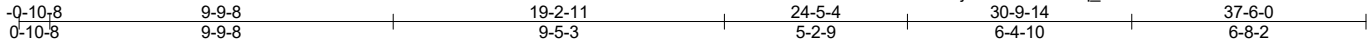
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-6-15 to 3-9-14, Interior(1) 3-9-14 to 24-5-4, Exterior(2) 24-5-4 to 28-10-1, Interior(1) 28-10-1 to 38-2-11 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 9 except (jt=lb) 13=161.
 - 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	2150 Camp Easter Road
J0223-0575	B5	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:40 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-x5knR9imnq_wm3u4YvcPx4SWGBENXh8tnrICoxzehr



Scale = 1:65.6

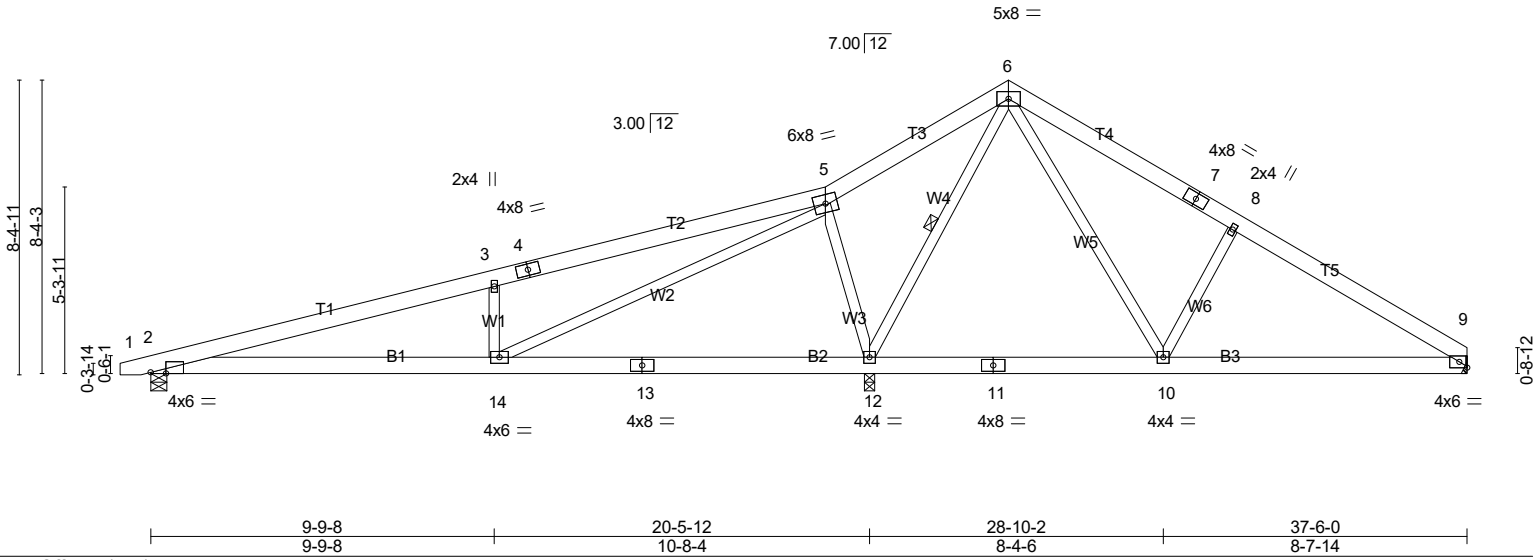


Plate Offsets (X,Y)-- [2:0-5-4,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	Vert(LL)	-0.08	10-12	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.32	Vert(CT)	-0.16	2-14	>999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.73	Horz(CT)	0.00	9	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL)	0.06	2-14	>999		
	Code IRC2015/TPI2014						Weight: 243 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 6-0-0 oc bracing, Except:
 10-0-0 oc bracing: 2-14.
 WEBS 1 Row at midpt 6-12

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

REACTIONS. (lb/size) 2=627/0-5-8 (min. 0-1-8), 12=1997/0-3-8 (min. 0-2-6), 9=400/Mechanical
 Max Horz 2=191(LC 9)
 Max Uplift 2=-94(LC 8), 12=-161(LC 12), 9=-66(LC 13)
 Max Grav 2=631(LC 23), 12=1997(LC 1), 9=512(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-15=-1129/173, 3-15=-1067/191, 3-4=-1141/267, 4-5=-1065/291, 5-16=-58/849,
 6-16=-41/990, 6-17=-367/185, 7-17=-404/157, 7-8=-457/149, 8-18=-452/131,
 9-18=-603/107
 BOT CHORD 2-14=-117/1033, 13-14=-652/222, 12-13=-652/222, 12-19=-285/184, 11-19=-285/184,
 11-20=-285/184, 10-20=-285/184, 9-10=-59/459
 WEBS 3-14=-634/297, 5-14=-374/1874, 5-12=-604/274, 6-12=-1360/245, 6-10=-141/737,
 8-10=-446/254

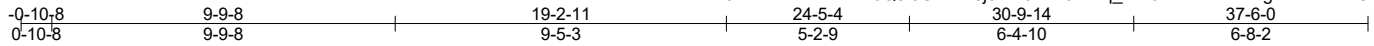
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-6-15 to 3-9-14, Interior(1) 3-9-14 to 24-5-4, Exterior(2) 24-5-4 to 28-10-1, Interior(1) 28-10-1 to 37-5-0 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) Gable studs spaced at 2-0-0 oc.
 - 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) 2, 9 except (jt=lb) 12=161.
 - 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) Standard

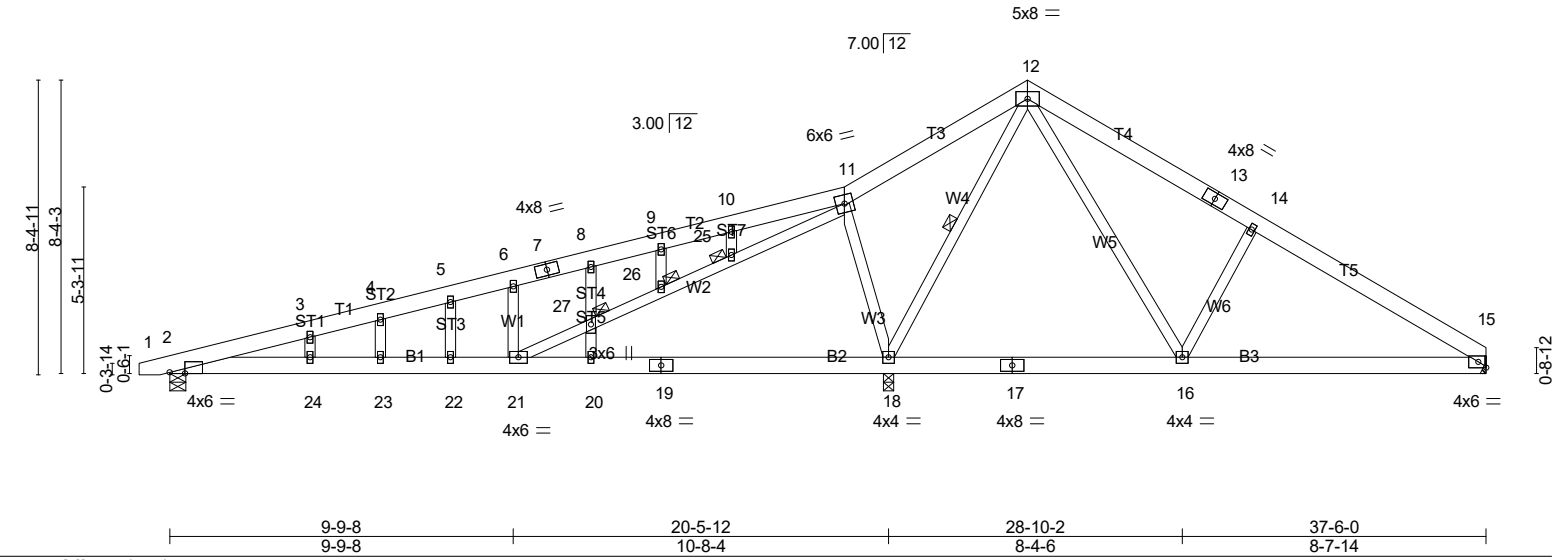
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	B6	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:40 2023 Page 1
 ID:3ZKAT1H?TWmBdJQ8l8CHLxz8j5Y-x5knR9imnq_wm3u4YvcPx4SYgBEiXk7tnrIC0xzhxf



Scale = 1:65.6



LOADING (psf)		SPACING-		CSI.		DEFL.			PLATES		GRIP	
TCLL	20.0	Plate Grip DOL	2-0-0	TC	0.22	Vert(LL)	-0.09	23	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.19	23-24	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.01	15	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Wind(LL)	0.11	23-24	>999	240		
Weight: 255 lb FT = 20%												

LUMBER-		BRACING-	
TOP CHORD	2x6 SP No.1	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	2x6 SP No.1	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	2x4 SP No.2	WEBS	1 Row at midpt 12-18
OTHERS	2x4 SP No.2	JOINTS	1 Brace at Jt(s): 25, 26, 27

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

REACTIONS. (lb/size) 2=643/0-5-8 (min. 0-1-8), 18=1961/0-3-8 (min. 0-2-5), 15=419/Mechanical
 Max Horz 2=255(LC 11)
 Max Uplift 2=-210(LC 8), 18=-469(LC 12), 15=-155(LC 13)
 Max Grav 2=648(LC 23), 18=1961(LC 1), 15=525(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1154/296, 3-4=-1111/323, 4-5=-1091/338, 5-6=-1073/360, 6-7=-1163/393,
 7-8=-1149/399, 8-9=-1119/434, 9-10=-1101/442, 10-11=-1116/470, 11-28=-185/794,
 12-28=-168/935, 12-29=-404/289, 13-29=-446/262, 13-14=-499/254, 14-30=-487/227,
 15-30=-624/203
 BOT CHORD 2-24=-328/1070, 23-24=-328/1070, 22-23=-328/1070, 21-22=-328/1070, 20-21=-599/288,
 19-20=-599/288, 18-19=-599/288, 18-31=-251/266, 17-31=-251/266, 17-32=-251/266,
 16-32=-251/266, 15-16=-91/475
 WEBS 6-21=-467/140, 21-27=-619/1866, 26-27=-593/1809, 25-26=-599/1823, 11-25=-633/1907,
 11-18=-601/338, 12-18=-1316/260, 12-16=-211/748, 14-16=-444/326

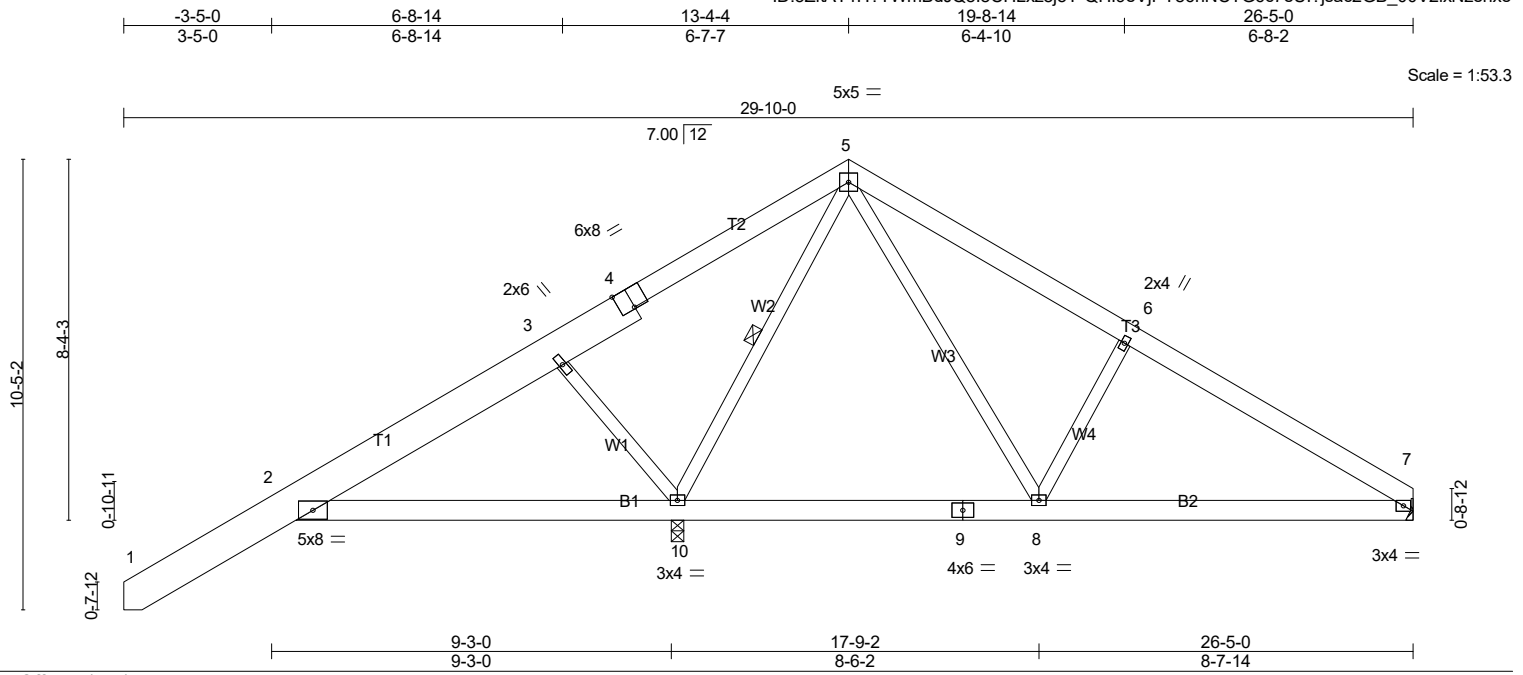
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-6-15 to 4-0-0, Interior(1) 4-0-0 to 24-5-4, Exterior(2) 24-5-4 to 28-10-1, Interior(1) 28-10-1 to 37-5-0 zone; 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - 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 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.
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=210, 18=469, 15=155.
 - 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	2150 Camp Easter Road
J0223-0575	B7	COMMON	7	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:41 2023 Page 1
ID:3ZkAT1H?TWmBdJQ818CHLxz8j5Y-QHI9eVjPY86nNCTG6c7eUI?jsac2GB_00V2lxNzehxe



Scale = 1:53.3

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.26	Vert(LL) -0.08	8-10	>999	360	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.23	Vert(CT) -0.09	8-10	>999	240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.57	Horz(CT) -0.00	7	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL) 0.01	7-8	>999	240		
	Code IRC2015/TPI2014						Weight: 202 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1 *Except*
T1: 2x10 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 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-10

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

REACTIONS. (lb/size) 7=350/Mechanical, 10=1937/0-3-8 (min. 0-2-5)
Max Horz 10=220(LC 9)
Max Uplift 7=-47(LC 13), 10=-175(LC 12)
Max Grav 7=519(LC 24), 10=1948(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-538/794, 3-11=-534/962, 3-4=-517/1022, 4-12=-507/1092, 5-12=-499/1225,
5-13=-486/271, 6-13=-524/212, 6-14=-500/215, 7-14=-617/172
BOT CHORD 2-10=-759/664, 10-15=-376/378, 15-16=-376/378, 9-16=-376/378, 8-9=-376/378,
7-8=-145/471
WEBS 3-10=-550/265, 5-10=-1590/656, 5-8=-145/742, 6-8=-448/261

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -3-2-7 to 1-2-5, Interior(1) 1-2-5 to 13-4-4, Exterior(2) 13-4-4 to 17-9-1, Interior(1) 17-9-1 to 26-4-0 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 10=175.
- 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	2150 Camp Easter Road
J0223-0575	B8	COMMON	2	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:42 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8i8CHLxz8j5Y-uUsXsrk1JSEe?M2SgJet0VYU2_xR?hrAF9nITpzehx

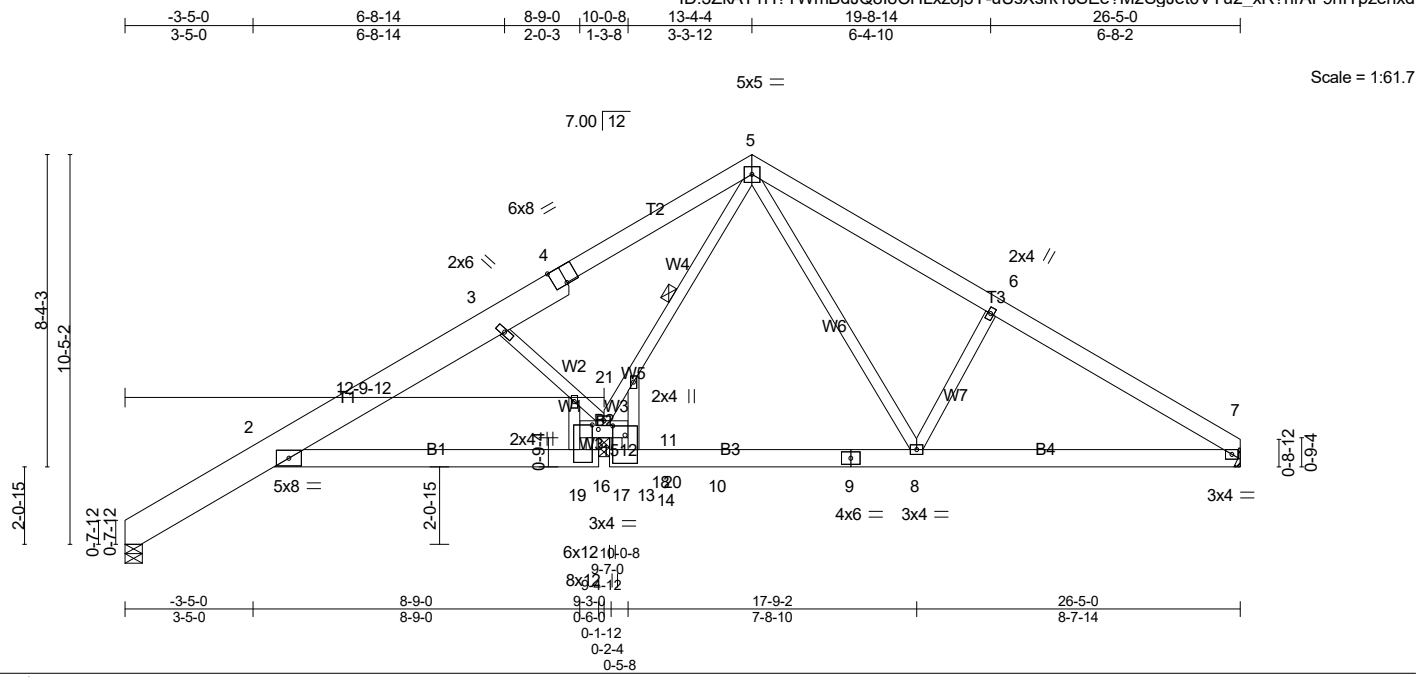


Plate Offsets (X,Y)-- [4:0-4-0,Edge], [11:0-3-0,0-4-0], [15:0-1-6,0-1-14]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.23	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.28	Vert(LL) -0.05 8-10 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.33	Vert(CT) -0.08 7-8 >999 240		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) -0.02 1 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.02 2 >999 240		
				Weight: 208 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1 *Except* T1: 2x10 SP No.1	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x6 SP No.1	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.2	WEBS 1 Row at midpt 5-15
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 0-3-8 except (jt=length) 7=Mechanical, 1=0-5-8.
 (lb) - Max Horz 15=233(LC 9)
 Max Uplift All uplift 100 lb or less at joint(s) 7, 1 except 12=-199(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) except 7=573(LC 24), 15=1591(LC 1), 1=276(LC 23), 12=685(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 3-22=0/394, 3-4=0/564, 4-23=0/615, 5-23=0/768, 5-24=-496/249, 6-24=-560/214,
 6-25=-554/193, 7-25=-719/169
 BOT CHORD 7-8=-65/558
 WEBS 3-21=-637/311, 15-21=-650/315, 15-20=-1107/47, 5-20=-1181/164, 5-8=-134/719,
 6-8=-439/250, 15-17=-473/0, 12-13=-586/0, 10-11=0/831, 18-19=0/662

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -3-2-4 to 1-2-9, Interior(1) 1-2-9 to 13-4-4, Exterior(2) 13-4-4 to 17-9-1, Interior(1) 17-9-1 to 26-4-0 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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 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.
 - Refer to girder(s) for truss to truss connections.
 - Bearing at joint(s) 1 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 100 lb uplift at joint(s) 7, 1 except (jt=lb) 12=199.
 - Following joints to be plated by qualified designer: Joint(s) 18, 19, not plated.
 - 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 J0223-0575	Truss B9	Truss Type GABLE	Qty 1	Ply 1	2150 Camp Easter Road Job Reference (optional)
-------------------	-------------	---------------------	----------	----------	---

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:42 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8l8CHLxz8j5Y-uUsXsrk1JSEe?M2SgJet0VYvJ_?D?kuAF9nITpzehxd

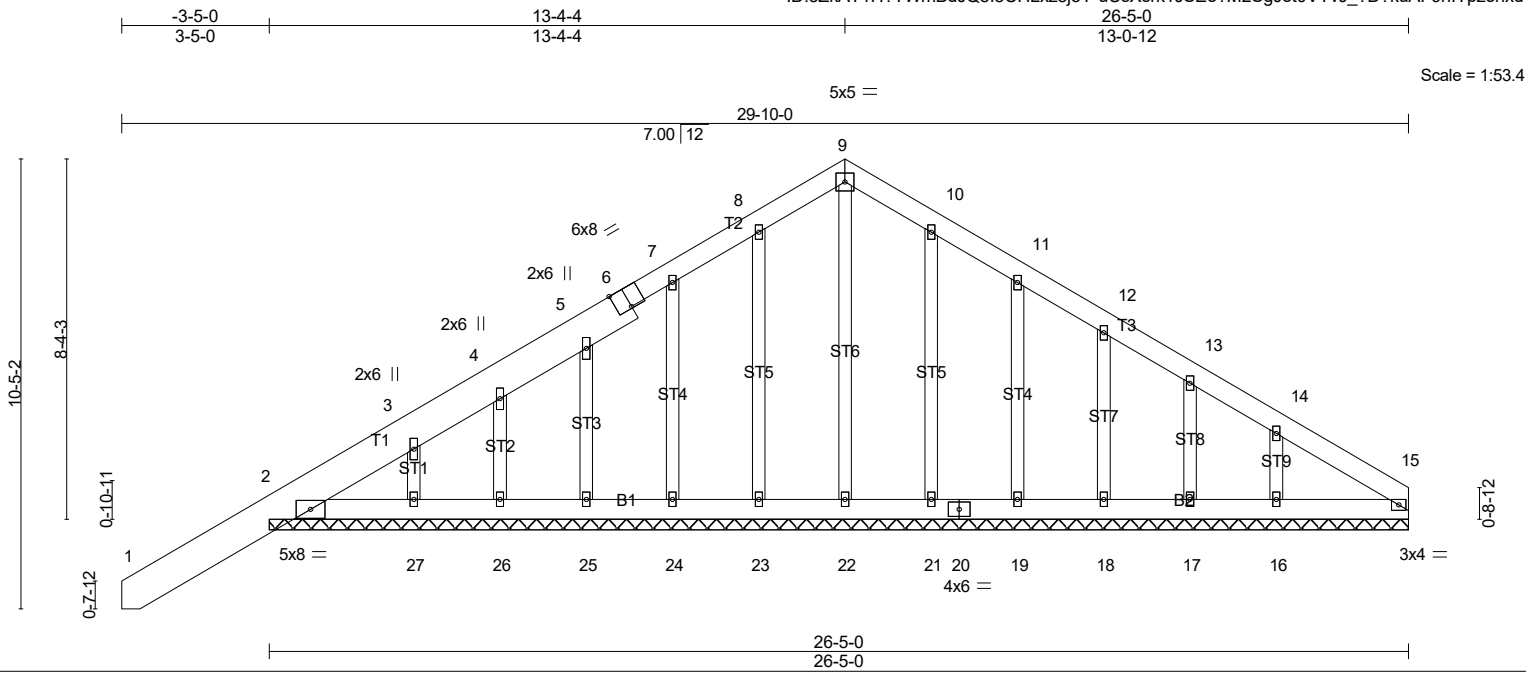


Plate Offsets (X,Y)-- [6:0-4-0,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.15	Vert(LL) -0.00	1	n/r	120	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.04	Vert(CT) -0.01	1	n/r	120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.14	Horz(CT) 0.00	15	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S						
	Code IRC2015/TPI2014						Weight: 232 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1 *Except*
 T1: 2x10 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 26-5-0.
 (lb) - Max Horz 2=275(LC 9)
 Max Uplift All uplift 100 lb or less at joint(s) 23, 24, 25, 27, 21, 19, 18, 17 except 2=-135(LC 12), 26=-102(LC 12), 16=-134(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 15, 22, 23, 24, 25, 26, 27, 21, 19, 18, 17 except 2=525(LC 1), 16=274(LC 20)

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

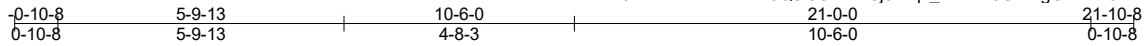
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -3-2-7 to 1-2-5, Exterior(2) 1-2-5 to 13-4-4, Corner(3) 13-4-4 to 17-9-1, Exterior(2) 17-9-1 to 26-5-0 zone; 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 23, 24, 25, 27, 21, 19, 18, 17 except (jt=lb) 2=135, 26=102, 16=134.
 - 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

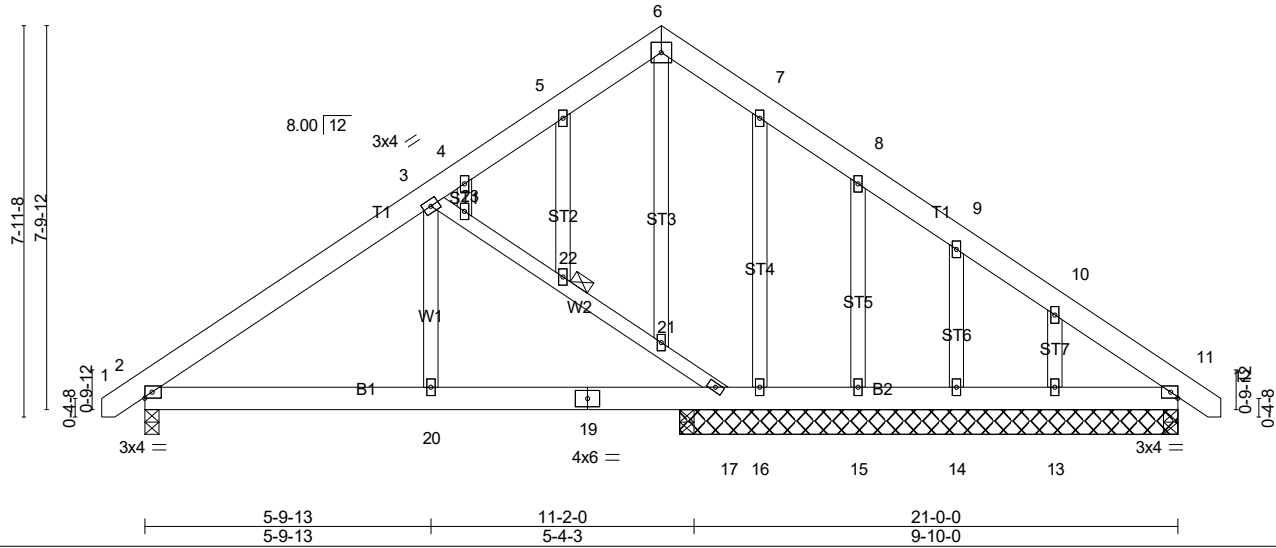
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	C1	KINGPOST	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:44 2023 Page 1
ID:3ZKAT1H?TWmBdJQ8I8CHLxz8j5Y-qs_IHXIHr3UMEGCrnkhL6wdGCofZTf5TITGPXizehb



Scale = 1:46.8



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 0.12	Vert(LL)	-0.01	2-20	>999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.11	Vert(CT)	-0.02	2-20	>999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.09	Horz(CT)	0.01	11	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.01	2-20	>999		
								Weight: 166 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.
JOINTS 1 Brace at Jt(s): 22

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

REACTIONS. All bearings 10-1-8 except (jt=length) 2=0-3-8, 11=0-3-8, 11=0-3-8, 18=0-3-8.
(lb) - Max Horz 2=-225(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 16, 14, 11 except 2=-116(LC 12), 17=-164(LC 12), 15=-104(LC 13), 13=-142(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 17, 16, 15, 14, 13, 11, 11 except 2=568(LC 1), 18=256(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-24=-634/74, 3-24=-509/96, 10-11=-267/123
BOT CHORD 2-20=-122/548, 19-20=-121/550, 18-19=-121/550, 17-18=-121/550
WEBS 3-23=-510/251, 22-23=-487/233, 21-22=-506/249, 17-21=-503/242

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-8-15 to 3-7-14, Interior(1) 3-7-14 to 10-6-0, Exterior(2) 10-6-0 to 14-10-13, Interior(1) 14-10-13 to 21-8-15 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.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 14, 11 except (jt=lb) 2=116, 17=164, 15=104, 13=142.
 - 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 J0223-0575	Truss C2	Truss Type COMMON GIRDER	Qty 1	Ply 2	2150 Camp Easter Road
-------------------	-------------	-----------------------------	----------	----------	-----------------------

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:45 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-I3YgUsmvbNcDsqrn1LSCae8APxCp4C2ocx70z48zehxa

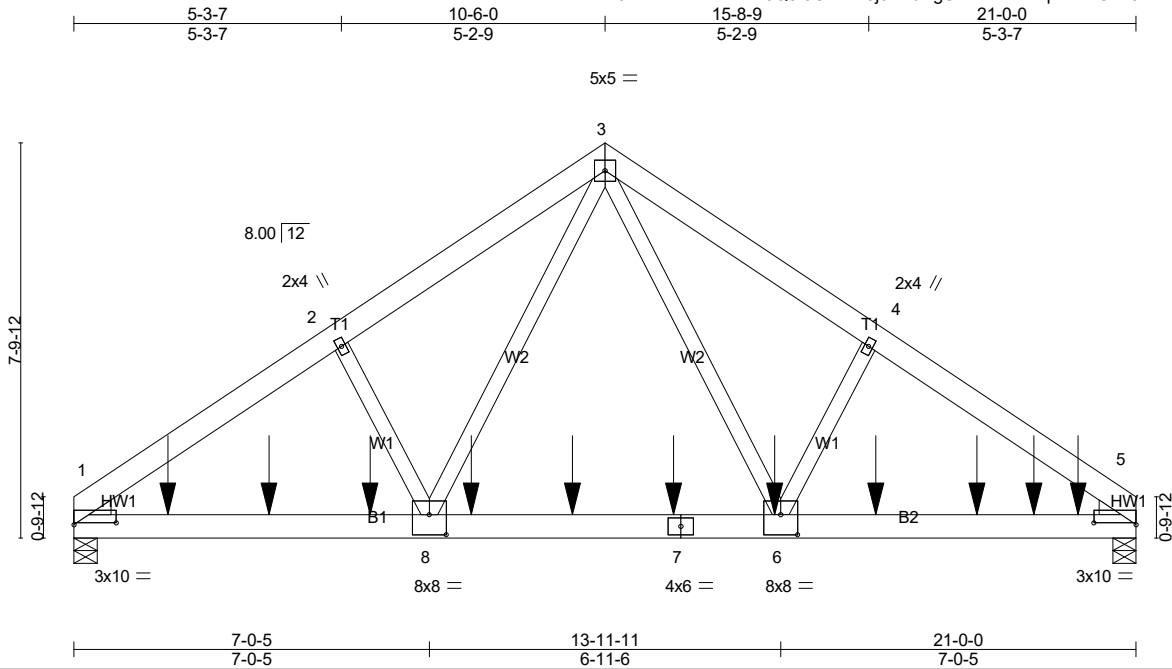


Plate Offsets (X,Y)-- [1:0-10-0,0-0-7], [5:0-10-0,0-0-7], [6:0-4-0,0-4-12], [8:0-4-0,0-4-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.25	Vert(LL)	-0.10	5-6	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.86	Vert(CT)	-0.17	5-6	>999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.32	Horz(CT)	0.03	5	n/a		
BCDL 10.0	Rep Stress Incr NO	Matrix-S	Wind(LL)	0.06	5-6	>999		
	Code IRC2015/TPI2014						Weight: 289 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2
 WEDGE
 Left: 2x4 SP No.3 , Right: 2x4 SP No.3

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.

REACTIONS. (lb/size) 1=3311/0-5-8 (min. 0-1-15), 5=3953/0-5-8 (min. 0-2-5)
 Max Horz 1=-175(LC 25)
 Max Uplift 1=-348(LC 8), 5=-455(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-4326/478, 2-3=-4175/538, 3-4=-4380/578, 4-5=-4527/517
 BOT CHORD 1-9=-402/3424, 9-10=-402/3424, 10-11=-402/3424, 8-11=-402/3424, 8-12=-209/2453,
 12-13=-209/2453, 13-14=-209/2453, 7-14=-209/2453, 6-7=-209/2453, 6-15=-356/3603,
 15-16=-356/3603, 16-17=-356/3603, 17-18=-356/3603, 5-18=-356/3603
 WEBS 3-6=-370/2613, 4-6=-262/265, 3-8=-293/2220, 2-8=-263/280

NOTES-

- 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 0-9-0 oc.
 Webs connected as follows: 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 distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- 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 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 BCCL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=348, 5=455.
- 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) 499 lb down and 67 lb up at 1-10-4, 499 lb down and 67 lb up at 3-10-4, 499 lb down and 67 lb up at 5-10-4, 499 lb down and 67 lb up at 7-10-4, 499 lb down and 67 lb up at 9-10-4, 553 lb down and 85 lb up at 11-10-4, 553 lb down and 85 lb up at 13-10-4, 499 lb down and 67 lb up at 15-10-4, 499 lb down and 67 lb up at 17-10-4, and 510 lb down and 84 lb up at 18-11-12, and 510 lb down and 83 lb up at 19-10-4 on bottom chord.
 The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	C2	COMMON GIRDER	1	2	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:45 2023 Page 2
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-I3YgUsmvbNcDsqrn1LSCae8APxCp4C2ocx70z48zehxa

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

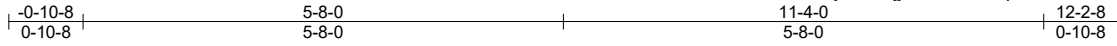
Concentrated Loads (lb)

Vert: 7=-553(F) 6=-553(F) 9=-499(F) 10=-499(F) 11=-499(F) 12=-499(F) 14=-499(F) 15=-499(F) 16=-499(F) 17=-510(F) 18=-510(F)

Job J0223-0575	Truss D01	Truss Type COMMON SUPPORTED GAB	Qty 1	Ply 1	2150 Camp Easter Road Job Reference (optional)
-------------------	--------------	------------------------------------	----------	----------	---

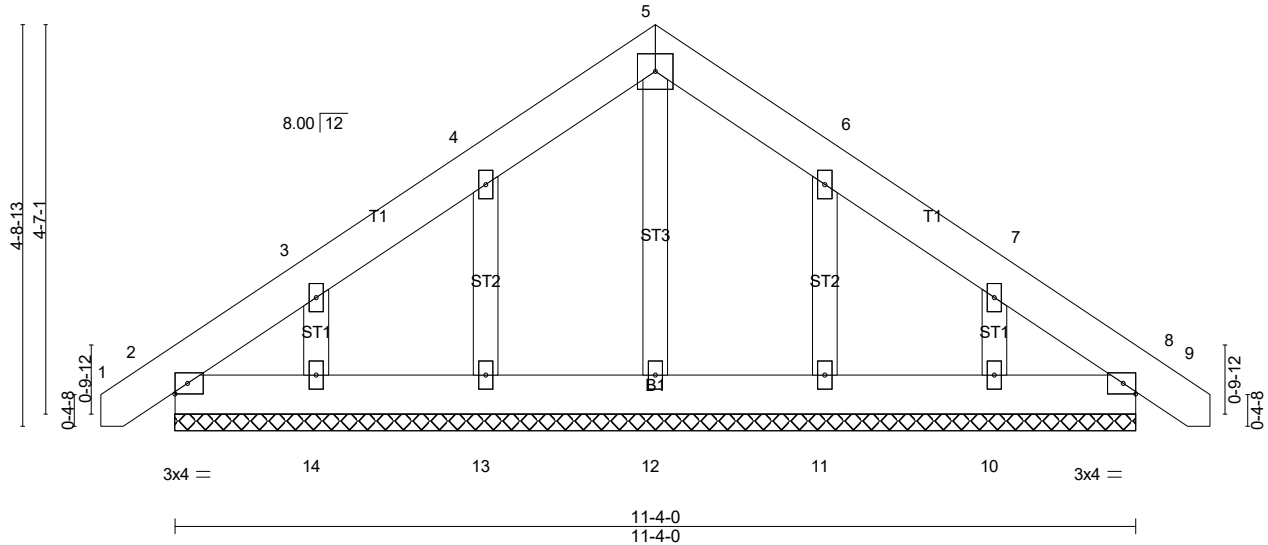
Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:45 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-13YgUsmvbNcDsqm1LSCae8ASZC0QC7Tcx70z48zehxa



5x5 =

Scale = 1:27.2



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.02	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.01	Vert(LL) -0.00 8 n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.02	Vert(CT) -0.00 8 n/r 120		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.00 8 n/a n/a		
	Code IRC2015/TPI2014			Weight: 79 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.

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

REACTIONS. All bearings 11-4-0.
(lb) - Max Horz 2=102(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 13, 14, 11, 10
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 12, 13, 14, 11, 10

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

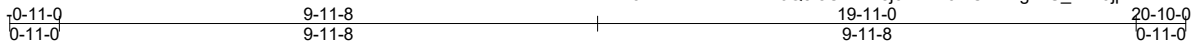
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) -0-8-15 to 3-8-0, Exterior(2) 3-8-0 to 5-8-0, Corner(3) 5-8-0 to 10-0-13, Exterior(2) 10-0-13 to 12-0-15 zone; 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 13, 14, 11, 10.
 - Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 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	2150 Camp Easter Road
J0223-0575	G1	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:46 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-mF52iCnXMgk4U_LEv9jpBLidAbMXxZtmAnlWcbzehrZ



5x5 =

Scale = 1:42.6

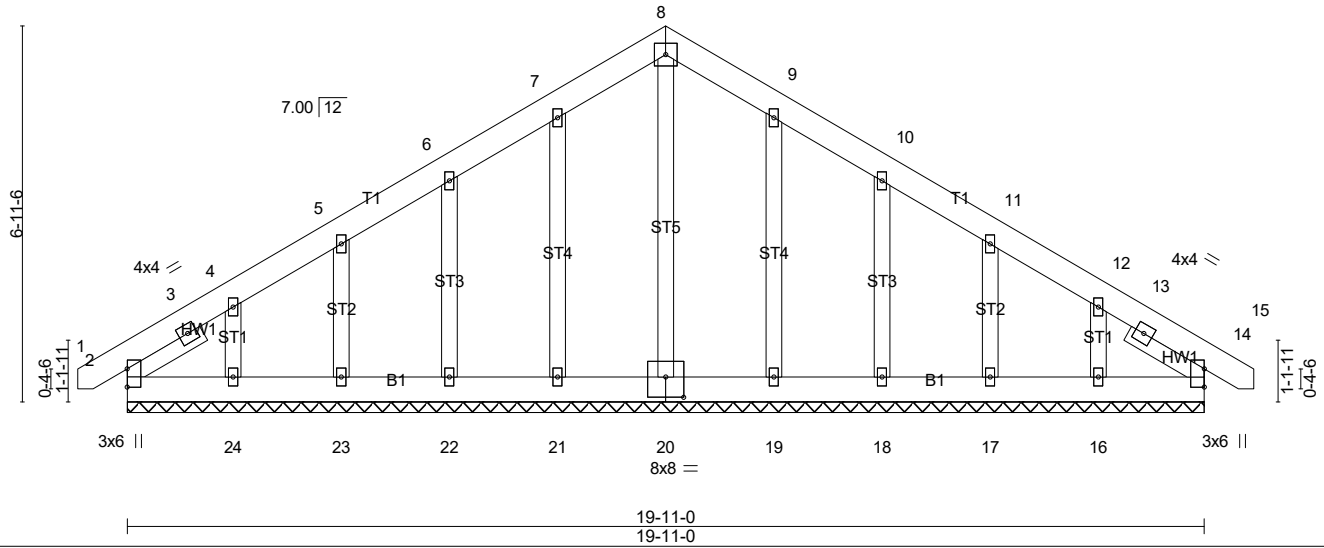


Plate Offsets (X,Y)-- [20:0-4-0,0-4-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.03	Vert(LL) -0.00	14	n/r	120	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.02	Vert(CT) -0.00	14	n/r	120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.08	Horz(CT) 0.00	14	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S						
	Code IRC2015/TPI2014							
							Weight: 157 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 OTHERS 2x4 SP No.2
 SLIDER Left 2x4 SP No.2 - 1-7-9, Right 2x4 SP No.2 -p 1-7-9

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 19-11-0.
 (lb) - Max Horz 2=-192(LC 8)
 Max Uplift All uplift 100 lb or less at joint(s) 14, 2, 21, 22, 23, 19, 18, 17 except 24=-143(LC 12), 16=-128(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 14, 2, 20, 21, 22, 23, 24, 19, 18, 17, 16

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

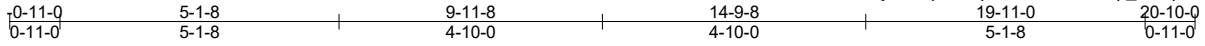
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-9-5 to 3-7-8, Exterior(2) 3-7-8 to 9-11-8, Corner(3) 9-11-8 to 14-4-5, Exterior(2) 14-4-5 to 20-8-5 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) 14, 2, 21, 22, 23, 19, 18, 17 except (jt=lb) 24=143, 16=128.
 - 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	2150 Camp Easter Road
J0223-0575	G2	COMMON	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:49 2023 Page 1
ID:3ZkAT1H?TWmBdJQ818CHLxz8j5Y-BqnBKEpQfb6fLR4oaIGXp_K7GpJT8uHCsl_ADVzehxVW



5x5 =

Scale = 1:42.3

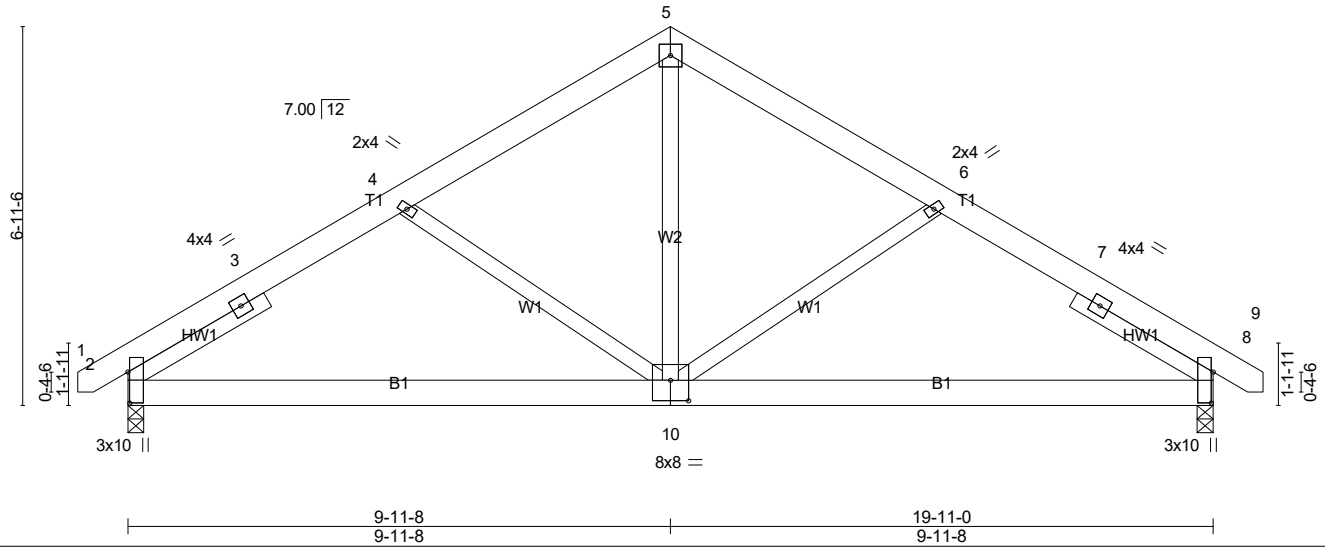


Plate Offsets (X,Y)-- [2:0-6-13,0-0-7], [8:0-6-13,0-0-7], [10:0-4-0,0-4-8]

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 0.10	Vert(LL)	-0.05 8-10	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.32	Vert(CT)	-0.10 8-10	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.16	Horz(CT)	0.01 8	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.01 10	>999	240		
								Weight: 141 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2
 SLIDER Left 2x4 SP No.2 -p 2-11-9, Right 2x4 SP No.2 -p 2-11-9

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) 8=843/0-3-8 (min. 0-1-8), 2=843/0-3-8 (min. 0-1-8)
 Max Horz 2=-154(LC 8)
 Max Uplift 8=-54(LC 13), 2=-54(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1075/251, 3-11=-990/259, 4-11=-949/272, 4-12=-833/201, 5-12=-808/229,
 5-13=-808/229, 6-13=-833/201, 6-14=-949/272, 7-14=-990/259, 7-8=-1075/251
 BOT CHORD 2-10=-144/840, 8-10=-139/817
 WEBS 5-10=-71/522, 6-10=-263/185, 4-10=-263/185

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-9-5 to 3-7-8, Interior(1) 3-7-8 to 9-11-8, Exterior(2) 9-11-8 to 14-4-5, Interior(1) 14-4-5 to 20-8-5 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 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.

LOAD CASE(S) Standard

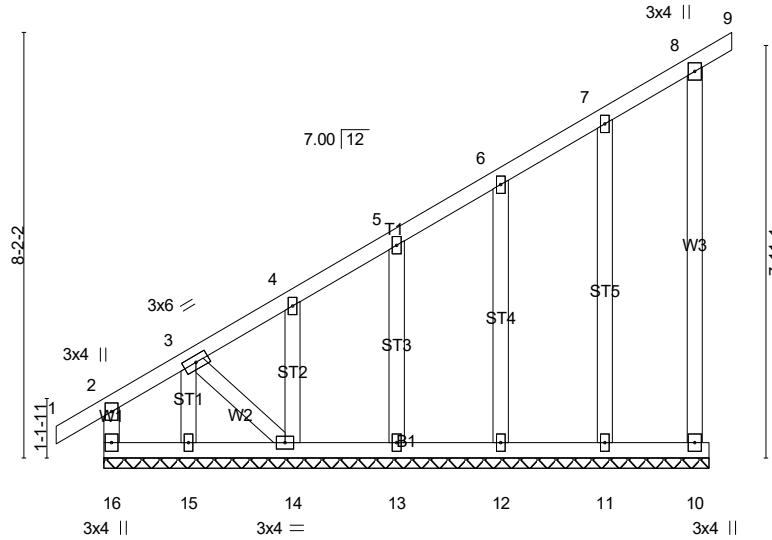
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	M1	MONOPITCH SUPPORTED	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:50 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ818CHLxz8j5Y-f0LZXaq2QvEWybf?8?omLBtICDj1tMPL4PjjimZehxV

0-11-0 11-7-8 12-0-12
 0-11-0 11-7-8 0-5-4

Scale = 1:44.3



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 0.09	Vert(LL)	0.00	8	n/r	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.04	Vert(CT)	0.00	8	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.10	Horz(CT)	-0.00	10	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S					Weight: 84 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.1
 BOT CHORD 2x4 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 6-0-0 oc bracing.
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 11-7-8.
 (lb) - Max Horz 16=240(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 10, 11, 12, 13, 15 except 14=-202(LC 12)
 Max Grav All reactions 250 lb or less at joint(s) 16, 10, 11, 12, 13, 14, 15

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 3-4=-313/247, 4-5=-253/198
 BOT CHORD 15-16=-293/224, 14-15=-293/224
 WEBS 3-15=-318/184, 3-14=-298/392

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) -0-10-8 to 3-8-0, Exterior(2) 3-8-0 to 12-1-4 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) All plates are 2x4 MT20 unless otherwise indicated.
 - 4) Gable requires continuous bottom chord bearing.
 - 5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 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) 10, 11, 12, 13, 15 except (jt=lb) 14=202.
 - 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

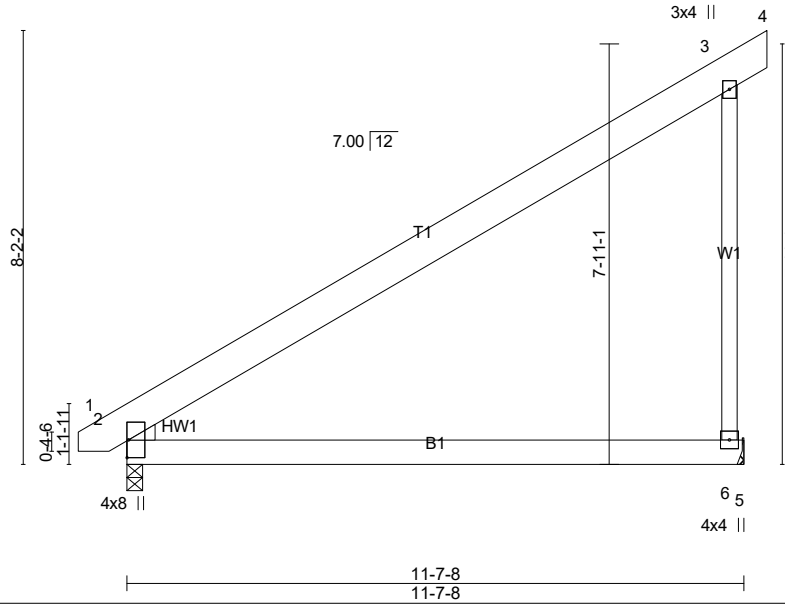
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	M2	MONOPITCH	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:50 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8l8CHLxz8j5Y-f0LZXaq2QvEWybf?8?omLBiCADbAtN1L4PjjIMzehxV

0-11-0 5-9-8 11-7-8 12-0-12
 0-11-0 5-9-8 5-10-0 0-5-4

Scale = 1:43.4



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.47	Vert(LL)	-0.21	2-6	>652	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.55	Vert(CT)	-0.37	2-6	>365		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Horz(CT)	0.00	6	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL)	0.06	2-6	>999		
	Code IRC2015/TPI2014						Weight: 85 lb	FT = 20%

LUMBER-
 TOP CHORD 2x8 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2
 WEDGE
 Left: 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) 6=496/Mechanical, 2=495/0-3-8 (min. 0-1-8)
 Max Horz 2=240(LC 12)
 Max Uplift 6=-137(LC 12)
 Max Grav 6=708(LC 19), 2=527(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 3-6=-437/288

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-7-1 to 3-9-12, Interior(1) 3-9-12 to 12-1-4 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * 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.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=137.
 - 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 J0223-0575	Truss M2G	Truss Type MONOPITCH	Qty 2	Ply 2	2150 Camp Easter Road
-------------------	--------------	-------------------------	----------	----------	-----------------------

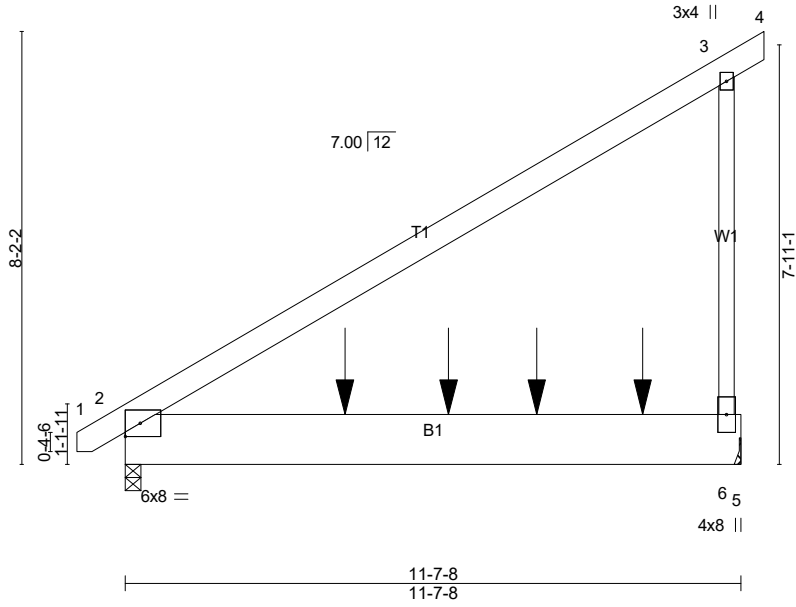
Comtech, Inc., Fayetteville, NC 28309, James Naylor

Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:52 2023 Page 1

ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-bPTJyGrlyWUDCvpNfQqEQcyZa0GLLHXeYjCqpEzehxT

0-11-0 5-9-8 11-7-8 12-0-12
 0-11-0 5-9-8 5-10-0 0-5-4

Scale = 1:43.5



***** Design Problems *****
REVIEW REQUIRED

Check Girder Loads. - Truss to Truss loading needs to be reset.

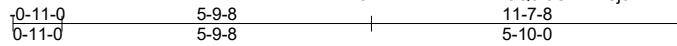
Plate Offsets (X,Y)-- [2:0-3-6,0-3-0]

LOADING (psf)	SPACING-	2-0-0
TCLL 20.0	Plate Grip DOL	1.15
TCDL 10.0	Lumber DOL	1.15
BCLL 0.0 *	Rep Stress Incr	NO
BCDL 10.0	Code IRC2015/TPI2014	

Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	M2-P	MONOPITCH	4	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:52 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-bPTJyGryWUDCvpNFQqEQcyYv0HILHXeYjCqpEzehlT



Scale = 1:43.1

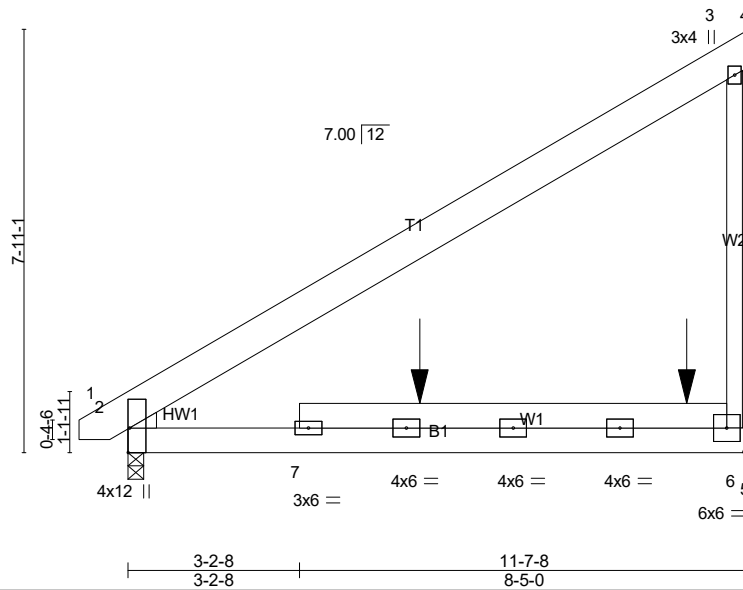


Plate Offsets (X,Y)-- [2:Edge,0-0-6]

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)	-0.05	2-6	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.54	Vert(CT)	-0.16	2-6	>858	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00	6	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.03	2-6	>999	240		
									Weight: 102 lb	FT = 20%

LUMBER-
TOP CHORD 2x8 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except*
W1: 2x6 SP No.1
WEDGE
Left: 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) 6=597/Mechanical, 2=557/0-3-8 (min. 0-1-8)
Max Horz 2=233(LC 12)
Max Grav 6=793(LC 19), 2=575(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-6=-407/265

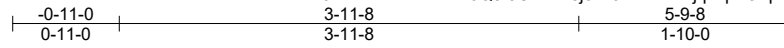
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-7-1 to 3-9-12, Interior(1) 3-9-12 to 11-8-0 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) 200.0lb AC unit load placed on the bottom chord, 8-0-0 from left end, supported at two points, 5-0-0 apart.
 - 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) 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

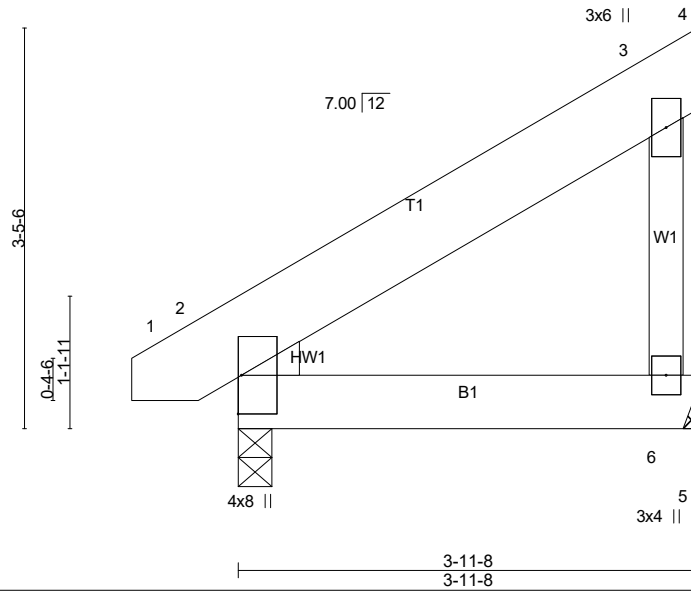
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	M2-S	MONOPITCH	4	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:53 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8CHLxz8j5Y-3b1hAcswjqc4p2Oap7LTzqVq3QJl4knnnNyOMhzhxS



Scale = 1:19.8



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 0.05	Vert(LL)	-0.00	2-6	>999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.05	Vert(CT)	-0.00	2-6	>999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00	6	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P	Wind(LL)	0.00	2	****	Weight: 31 lb	FT = 20%

LUMBER-
 TOP CHORD 2x8 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2
 WEDGE
 Left: 2x4 SP No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-0-0 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) 6=148/Mechanical, 2=193/0-3-8 (min. 0-1-8)
 Max Horz 2=87(LC 12)
 Max Uplift 6=-51(LC 12)
 Max Grav 6=163(LC 19), 2=193(LC 1)

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

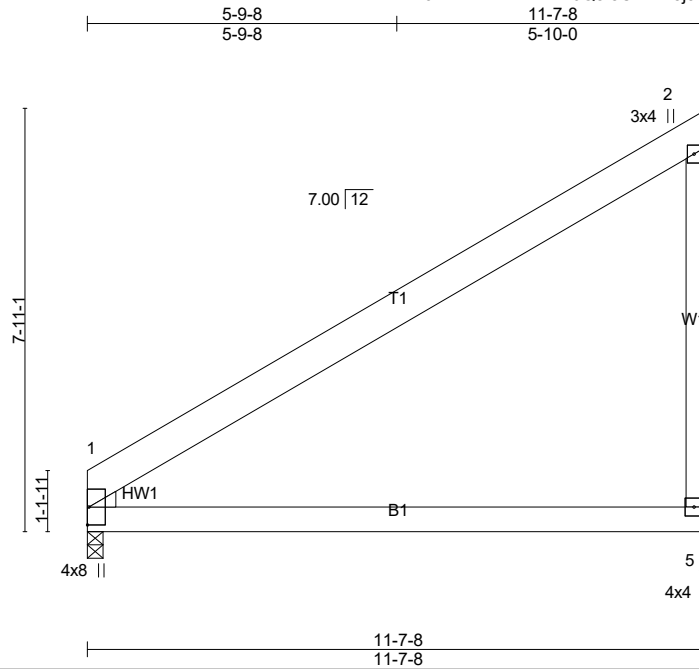
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * 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.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6.
 - 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	2150 Camp Easter Road
J0223-0575	M3	MONOPITCH	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:53 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-3b1hAcswjqc4p2Oap7LTzqVjRQdj4knnnNyOMhzehxS



Scale = 1:43.1

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.47	Vert(LL)	-0.21	1-5	>628	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.56	Vert(CT)	-0.38	1-5	>353		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Horz(CT)	0.00	5	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL)	0.05	1-5	>999		
	Code IRC2015/TPI2014						Weight: 80 lb	FT = 20%

LUMBER-
TOP CHORD 2x8 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE
Left: 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) 5=459/Mechanical, 1=448/0-3-8 (min. 0-1-8)
Max Horz 1=238(LC 12)
Max Uplift 5=-126(LC 12)
Max Grav 5=675(LC 19), 1=485(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-411/272

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-4 to 4-7-1, Interior(1) 4-7-1 to 11-8-0 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * 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.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 5=126.
 - 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

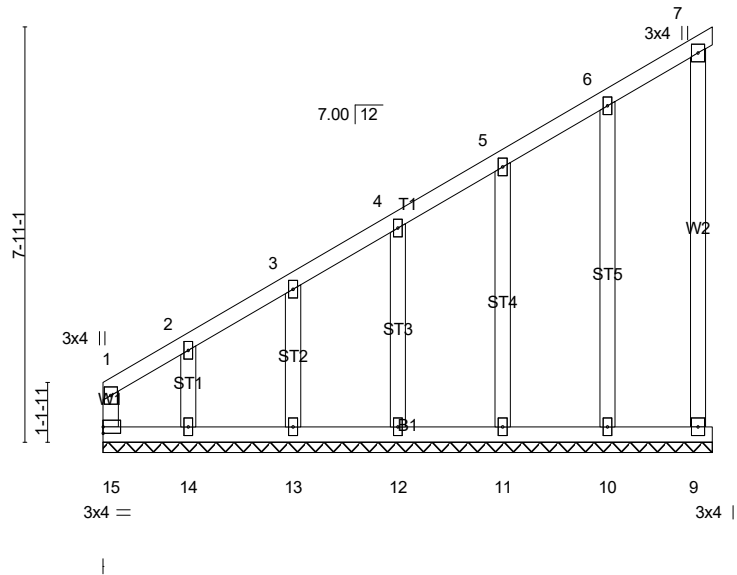
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	M4	MONOPITCH SUPPORTED	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:53 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ818CHLxz8j5Y-3b1hAcswjqc4p2Oap7LTzqVn8Qjh4jDnnNyOMzhzxs

11-7-8
11-7-8

Scale = 1:44.0



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.24	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.18	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.10	Horz(CT)	-0.03	8	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-R					Weight: 78 lb	FT = 20%
	Code IRC2015/TPI2014							

LUMBER-
 TOP CHORD 2x4 SP No.1
 BOT CHORD 2x4 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.
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 11-7-8.
 (lb) - Max Horz 15=218(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 15, 8, 9, 10, 11, 12, 13 except 14=-227(LC 12)
 Max Grav All reactions 250 lb or less at joint(s) 8, 9, 10, 11, 12, 13, 14 except 15=279(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-15=-263/197, 1-2=-401/332, 2-3=-280/233

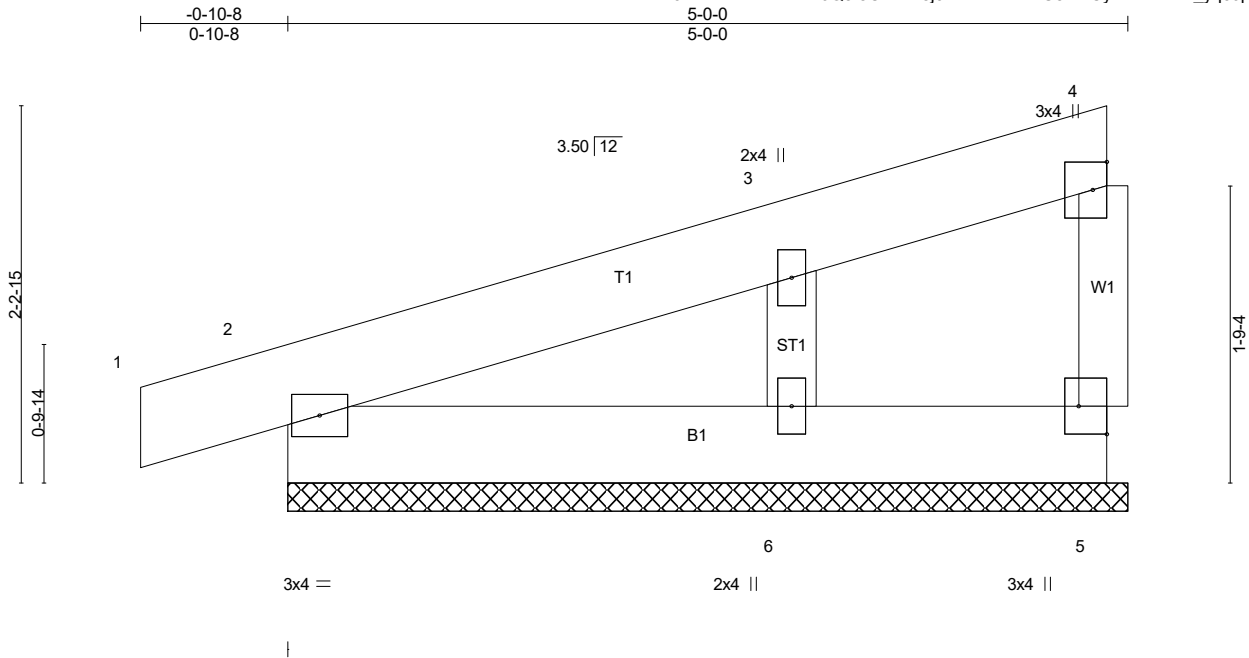
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) 0-2-4 to 4-7-1, Exterior(2) 4-7-1 to 11-8-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) All plates are 2x4 MT20 unless otherwise indicated.
 - 4) Gable requires continuous bottom chord bearing.
 - 5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 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) 15, 8, 9, 10, 11, 12, 13 except (jt=lb) 14=227.
 - 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	2150 Camp Easter Road
J0223-0575	M5	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:54 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-Xoa4NxtYU8lxRCymNrsiW12_yq5JpB8x?1hXu7zehxR



Scale = 1:13.7

Plate Offsets (X,Y)-- [5:Edge,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 0.04	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.02	Vert(CT)	0.00	1	n/r	120		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.06	Horz(CT)	-0.00	5	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						Weight: 29 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 5-0-0 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) 5=40/5-0-0 (min. 0-1-8), 2=161/5-0-0 (min. 0-1-8), 6=237/5-0-0 (min. 0-1-8)
 Max Horz 2=55(LC 12)
 Max Uplift 5=-7(LC 8), 2=-32(LC 8), 6=-39(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 WEBS 3-6=-173/325

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) -0-10-8 to 3-6-5, Exterior(2) 3-6-5 to 4-9-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Gable studs spaced at 2-0-0 oc.
 - 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.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 2, 6.
 - 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	2150 Camp Easter Road
J0223-0575	M6	MONOPITCH	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:54 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8l8CHLxz8j5Y-Xoa4NxtYU8lxRCymNrsiW12zf3jpB1x?1hXu7zehxR

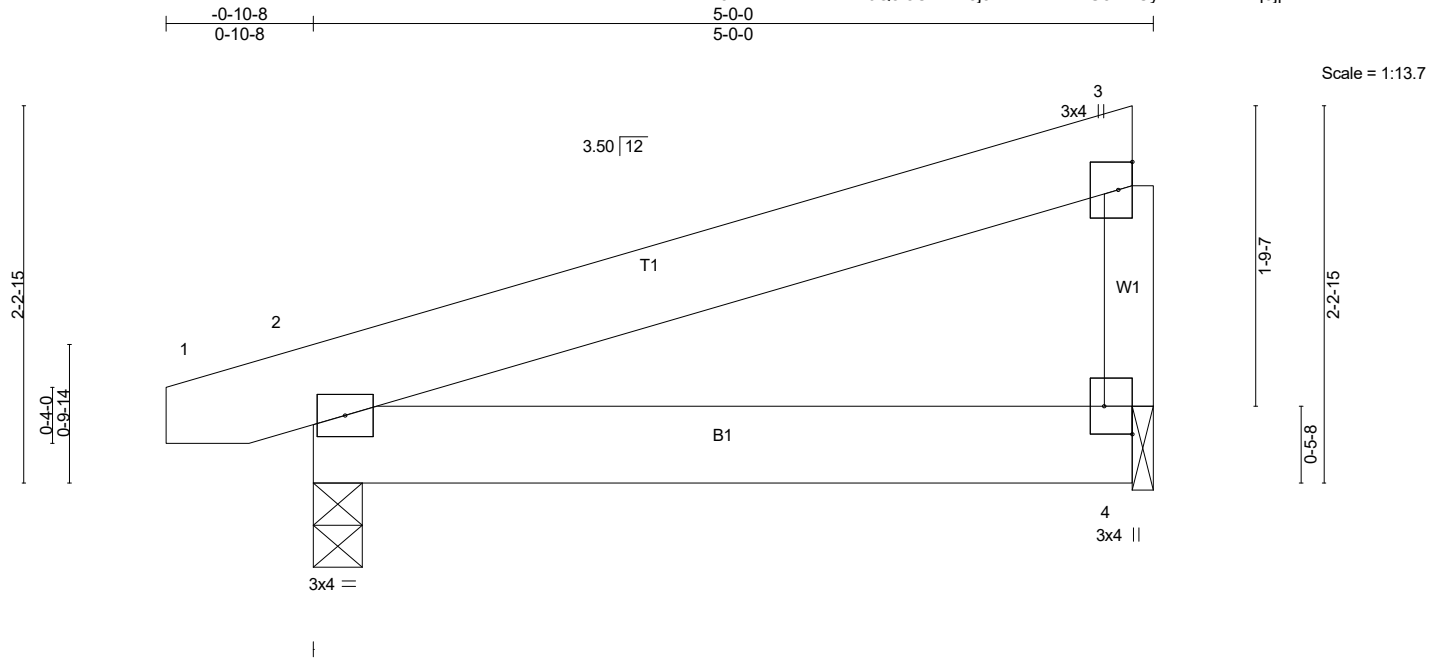


Plate Offsets (X,Y)-- [4:Edge,0-2-0]

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 0.12	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.19	Vert(CT)	-0.01	2-4	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P	Wind(LL)	0.00	2	****	240		
									Weight: 28 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 5-0-0 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) 2=239/0-3-8 (min. 0-1-8), 4=182/0-1-8 (min. 0-1-8)
Max Horz 2=53(LC 12)
Max Uplift 2=-40(LC 8), 4=-29(LC 12)

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

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-7-9 to 3-9-4, Interior(1) 3-9-4 to 4-9-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * 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.
 - 4) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 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	2150 Camp Easter Road
J0223-0575	M7	MONOPITCH	5	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:55 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-?_8SaHuBFRto3MXywYNx2Fa6IEO0YeG4EhRUQZzehxQ

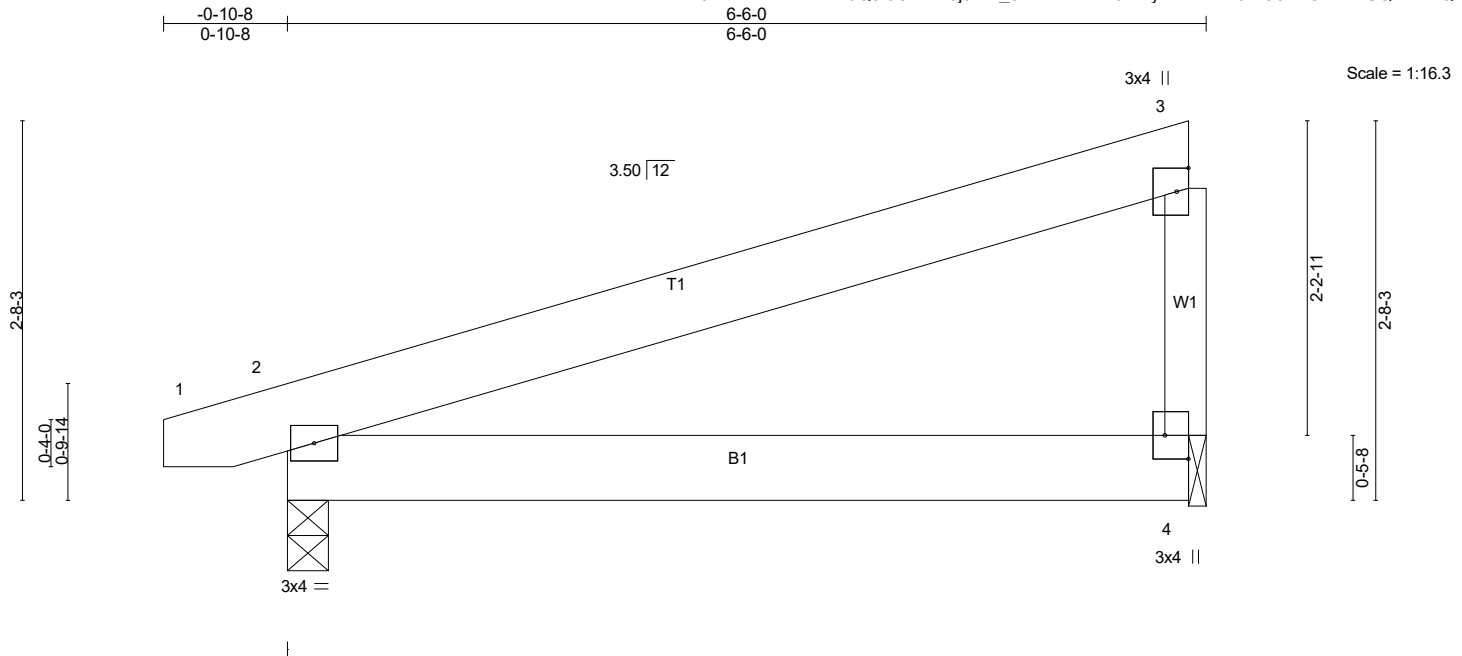


Plate Offsets (X,Y)-- [4:Edge,0-2-0]

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 0.23	Vert(LL)	-0.02	2-4	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.25	Vert(CT)	-0.04	2-4	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P	Wind(LL)	0.00	2	****	240		
									Weight: 35 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) 2=298/0-3-8 (min. 0-1-8), 4=243/0-1-8 (min. 0-1-8)
 Max Horz 2=67(LC 12)
 Max Uplift 2=-44(LC 8), 4=-38(LC 12)

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

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-7-9 to 3-9-4, Interior(1) 3-9-4 to 6-3-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * 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.
 - 4) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 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	2150 Camp Easter Road
J0223-0575	M8	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:55 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-?_8SaHuBFRto3MXyWYNx2Fa9wERfYeY4EhRUQZzehxQ

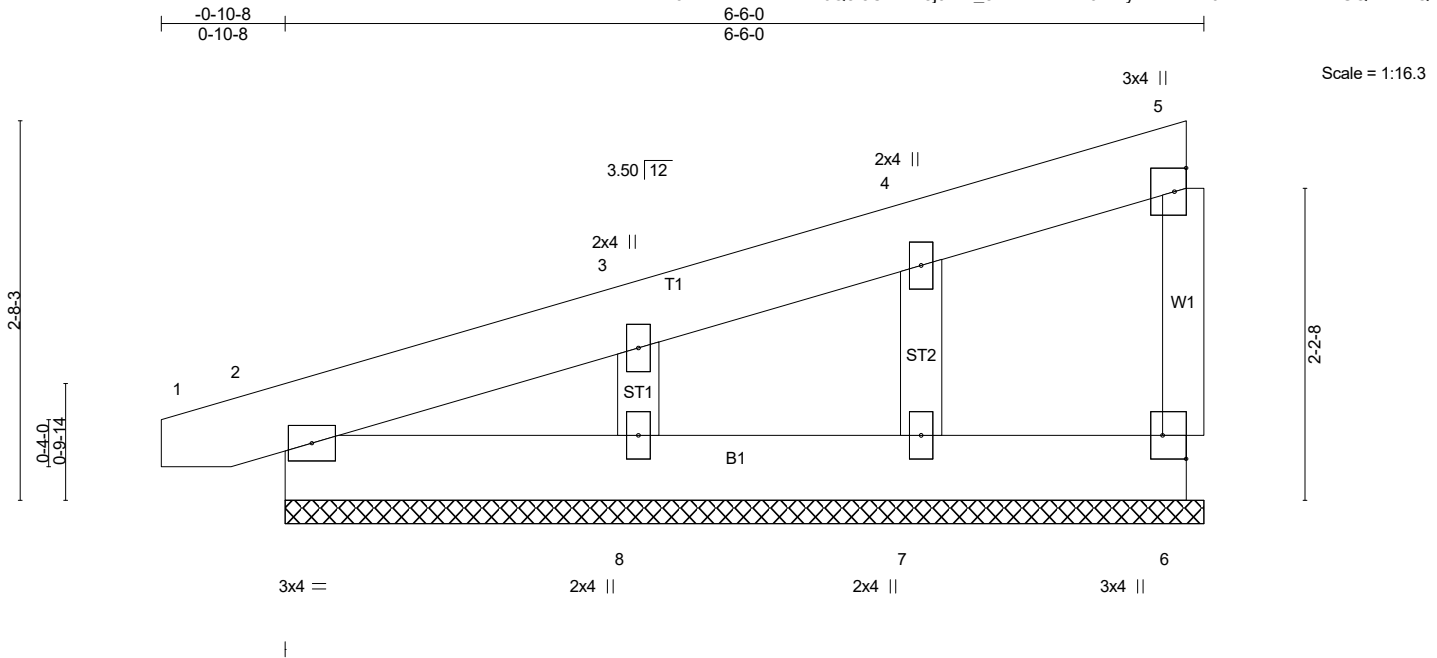


Plate Offsets (X,Y)-- [6:Edge,0-2-0]

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 0.03	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.02	Vert(CT)	0.00	1	n/r	120		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.05	Horz(CT)	-0.00	6	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						Weight: 38 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.
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 6-6-0.
 (lb) - Max Horz 2=96(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 6, 2, 7, 8
 Max Grav All reactions 250 lb or less at joint(s) 6, 2, 7, 8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 WEBS 3-8=-150/266

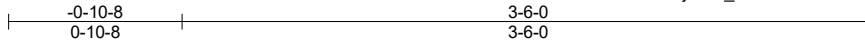
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-7-9 to 3-9-4, Exterior(2) 3-9-4 to 6-3-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Gable studs spaced at 2-0-0 oc.
 - 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.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2, 7, 8.
 - 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	2150 Camp Easter Road
J0223-0575	M9	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:55 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-?_8SaHuBFRto3MXywYNx2Fa88ERGYeG4EhRUQZzehxQ



Scale = 1:11.6

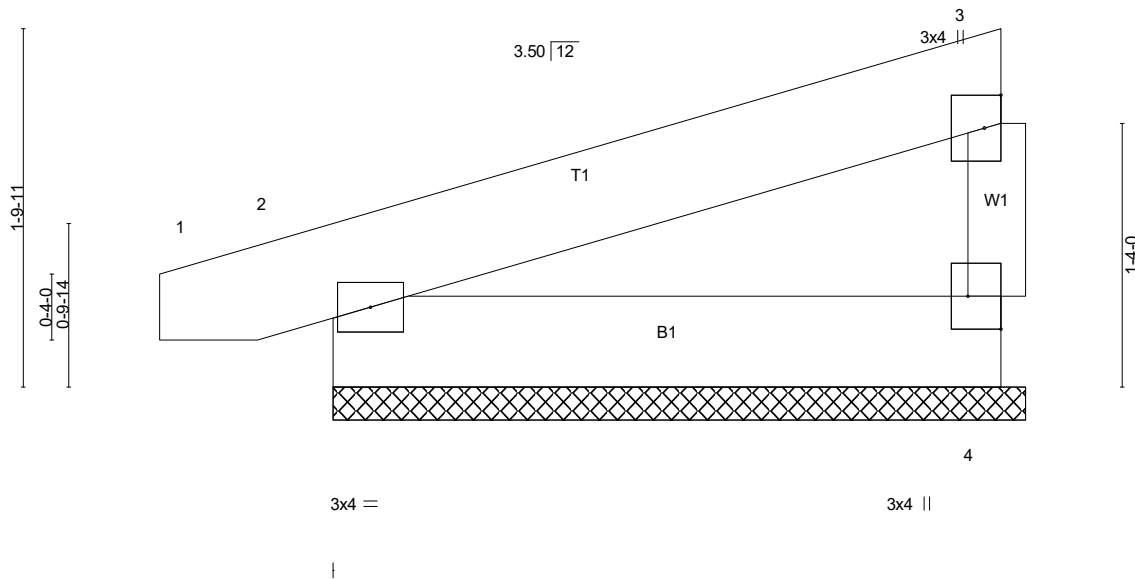


Plate Offsets (X,Y)-- [4:Edge,0-2-0]

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 0.08	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 0.00	Horz(CT)	-0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						Weight: 20 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 3-6-0 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) 4=128/3-6-0 (min. 0-1-8), 2=175/3-6-0 (min. 0-1-8)
 Max Horz 2=39(LC 12)
 Max Uplift 4=-21(LC 12), 2=-31(LC 8)

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

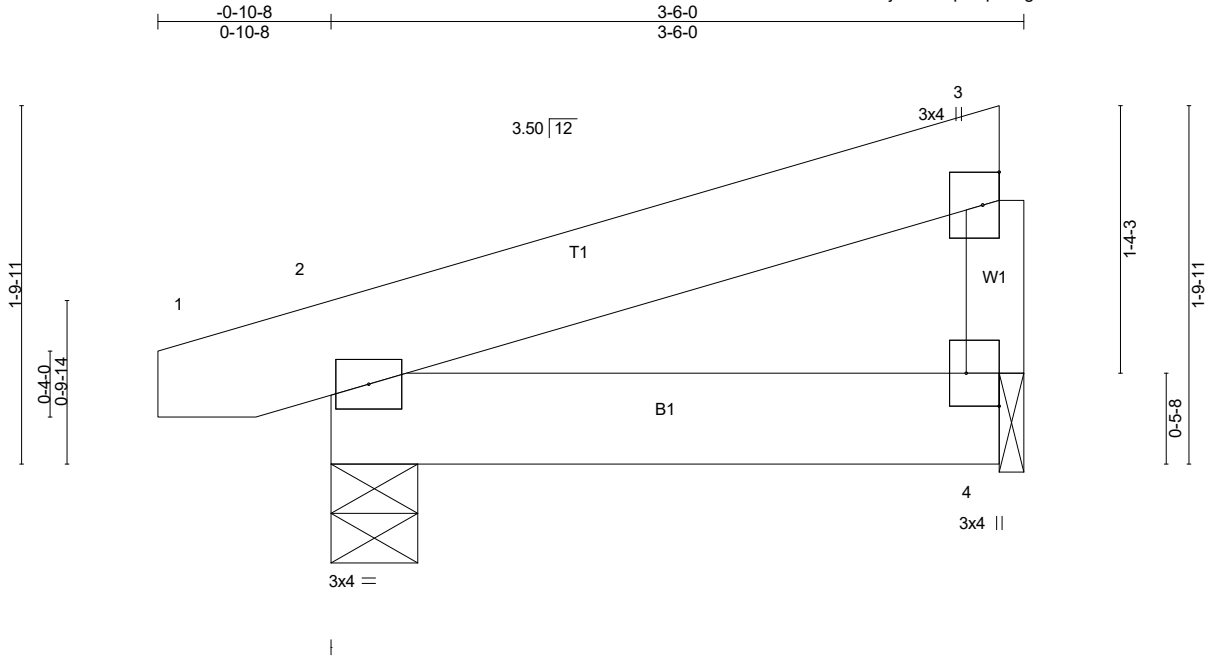
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Gable studs spaced at 2-0-0 oc.
 - 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.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.
 - 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	2150 Camp Easter Road
J0223-0575	M10	MONOPITCH	9	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:56 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-TAiqodvp0l?fgW69UGuAbS7JndIEH5WETLA2y0zehxP



Scale = 1:11.6

Plate Offsets (X,Y)-- [4:Edge,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 0.08	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.12	Vert(CT)	-0.00	2-4	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P	Wind(LL)	0.00	2	****	240		
									Weight: 20 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 3-6-0 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) 2=183/0-5-4 (min. 0-1-8), 4=116/0-1-8 (min. 0-1-8)
 Max Horz 2=39(LC 12)
 Max Uplift 2=-39(LC 8), 4=-20(LC 12)

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

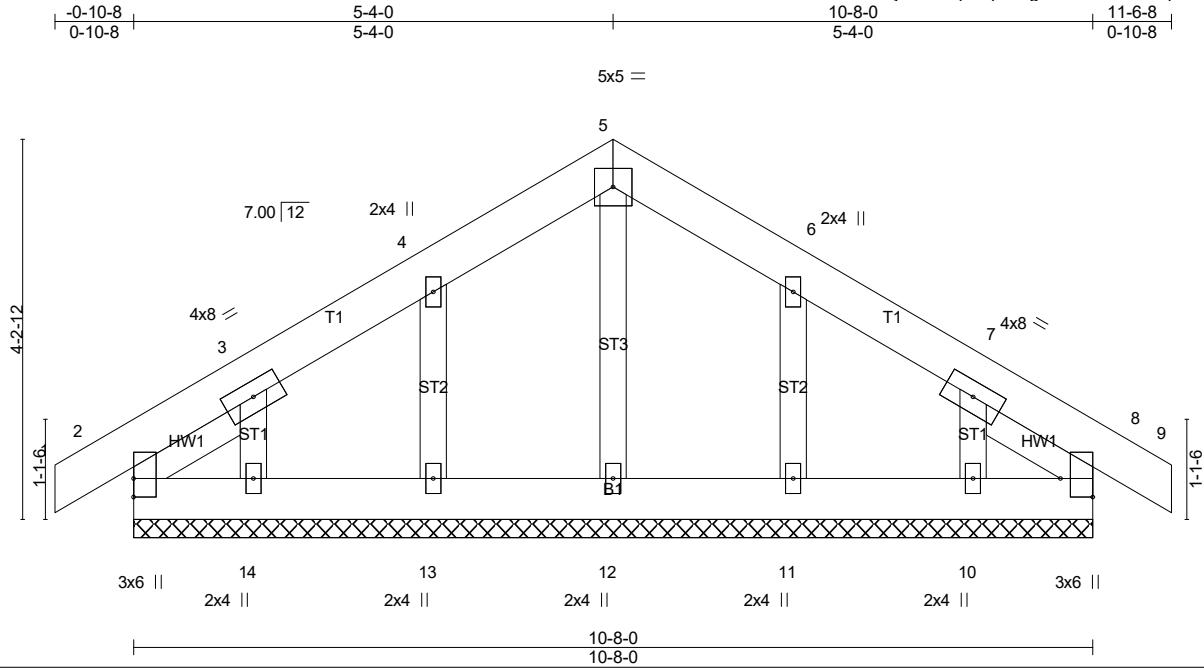
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * 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.
 - 4) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 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 J0223-0575	Truss P1	Truss Type GABLE	Qty 1	Ply 1	2150 Camp Easter Road Job Reference (optional)
-------------------	-------------	---------------------	----------	----------	---

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:56 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-TAiqodvp0?fgW69UGuAbS7KpdmzH5EETLA2y0zehxP



Scale = 1:25.6

Plate Offsets (X,Y)-- [8:Edge,0-4-5]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.02	Vert(LL)	-0.00	8	n/r	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.01	Vert(CT)	-0.00	8	n/r		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.02	Horz(CT)	0.00	8	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S						
	Code IRC2015/TPI2014						Weight: 78 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 OTHERS 2x4 SP No.2
 SLIDER Left 2x4 SP No.2 -p 1-5-4, Right 2x4 SP No.2 -p 1-5-4

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 10-8-0.
 (lb) - Max Horz 2=-89(LC 8)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 13, 14, 11, 10
 Max Grav All reactions 250 lb or less at joint(s) 2, 8, 12, 13, 14, 11, 10

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

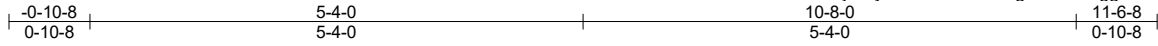
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Corner(3) -0-10-8 to 3-4-0, Exterior(2) 3-4-0 to 5-4-0, Corner(3) 5-4-0 to 9-8-13, Exterior(2) 9-8-13 to 11-6-8 zone; 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.
 - Gable requires continuous bottom chord bearing.
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 13, 14, 11, 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

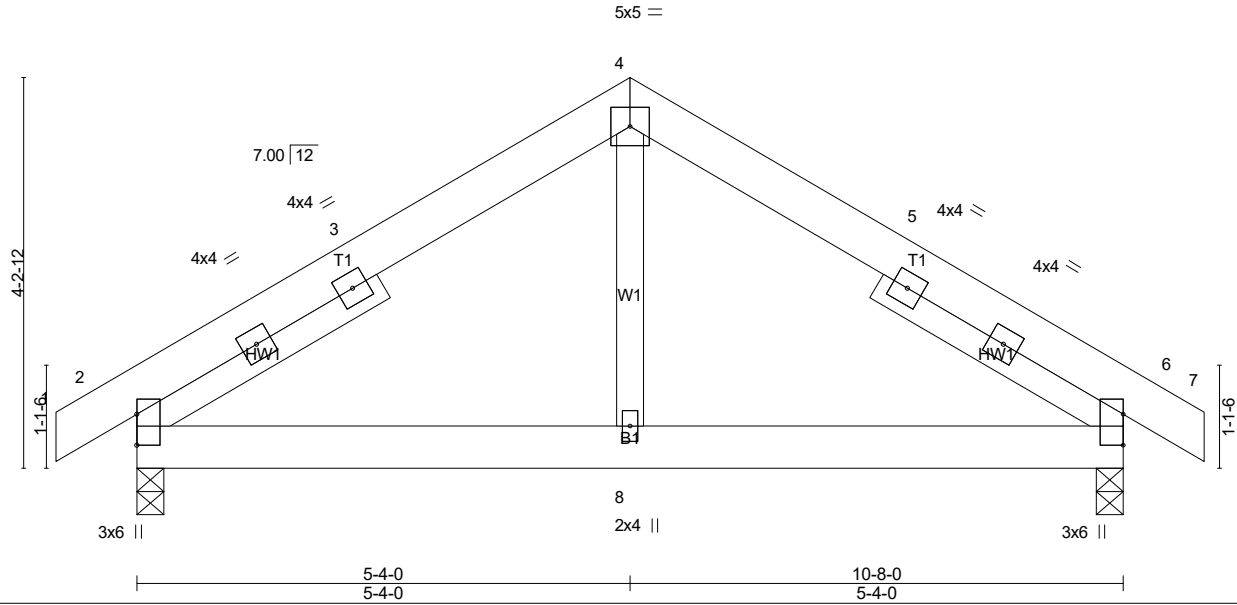
Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	P2	Common	4	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:57 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-yMGC?zvRn37WlghL2zQP7ggUS15p0YwNh?wbVSzehXO



Scale = 1:24.9



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.09	Vert(LL) -0.00	6-8	>999	360	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.10	Vert(CT) -0.01	6-8	>999	240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.05	Horz(CT) 0.00	6	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Wind(LL) 0.00	2-8	>999	240		
	Code IRC2015/TPI2014						Weight: 74 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2
 SLIDER Left 2x4 SP No.2 -p 3-0-13, Right 2x4 SP No.2 -p 3-0-13

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=479/0-3-8 (min. 0-1-8), 6=479/0-3-8 (min. 0-1-8)
 Max Horz 2=-89(LC 8)
 Max Uplift 2=-35(LC 12), 6=-35(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-9=-504/117, 3-9=-433/127, 3-10=-418/131, 4-10=-413/147, 4-11=-413/147, 5-11=-418/131, 5-12=-433/127,
 6-12=-504/117
 BOT CHORD 2-8=-17/333, 6-8=-17/333

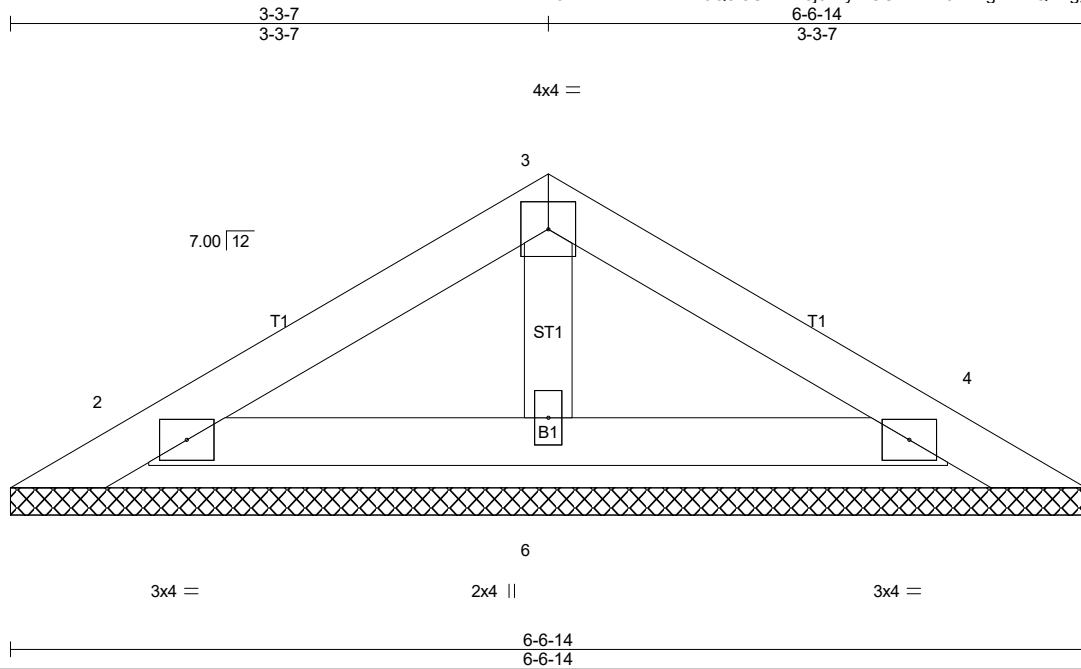
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TCCL=6.0psf; BCCL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 5-4-0, Exterior(2) 5-4-0 to 9-8-13, Interior(1) 9-8-13 to 11-6-8 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 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	2150 Camp Easter Road
J0223-0575	PBA1	GABLE	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:57 2023 Page 1
 ID:3ZkAT1H?TWmBdJQ8l8CHLxz8j5Y-yMGC?zvRn37WlghL2zQP7ggVq16g0YaNh?wbVSzehXO



Scale = 1:14.1

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)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.04	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.01	Horz(CT)	0.00	4	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P					Weight: 20 lb	FT = 20%

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

BRACING-
 TOP CHORD
 BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins.
 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 6-6-14.
 (lb) - Max Horz 1=52(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 2=123(LC 12), 4=112(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 1, 5, 2, 4, 6

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

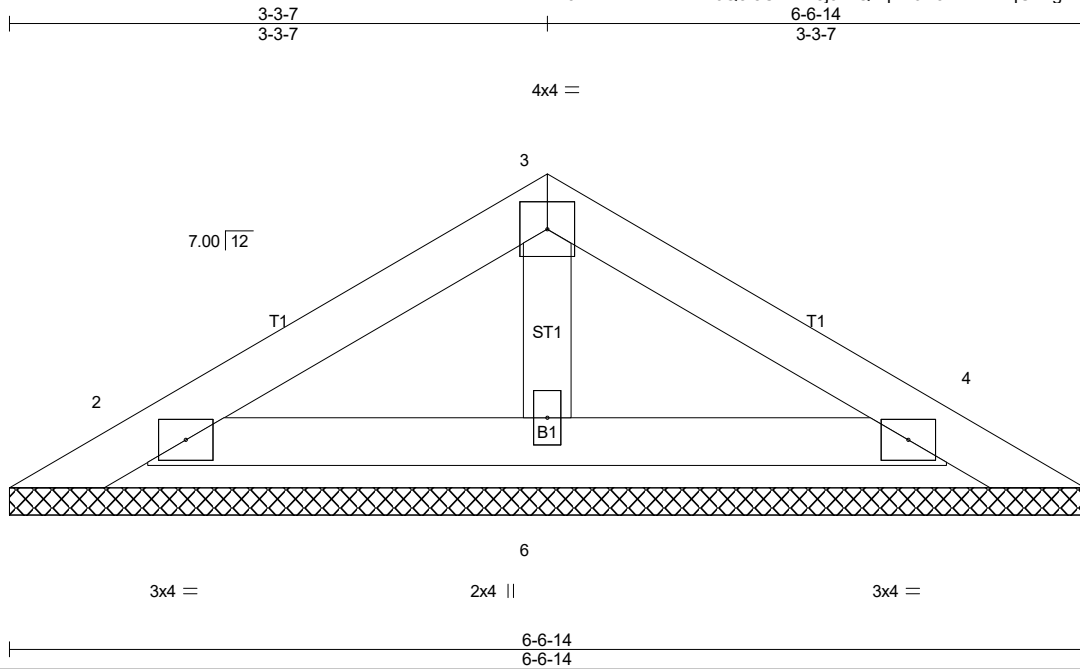
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - Gable requires continuous bottom chord bearing.
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 2=123, 4=112.
 - 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.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2150 Camp Easter Road
J0223-0575	PBA2	GABLE	4	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, James Naylor

Run: 8.430 s May 12 2021 Print: 8.430 s May 12 2021 MiTek Industries, Inc. Fri Mar 3 08:41:58 2023 Page 1
ID:3ZkAT1H?TWmBdJQ8I8CHLxz8j5Y-QZqaDJw3XMFNwqGXcgxegtCgaRSvi?qXwef91uzehxN



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.06	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.04	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.01	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 4 n/a n/a		
	Code IRC2015/TPI2014			Weight: 20 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 6-6-14.
 (lb) - Max Horz 1=-42(LC 8)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 2, 4
 Max Grav All reactions 250 lb or less at joint(s) 1, 5, 2, 4, 6

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=130mph Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; 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
 - 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.
 - Gable requires continuous bottom chord bearing.
 - 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 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 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.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard