Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A1	Truss	1	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Thu Nov 30 15:18:14 Page: 1
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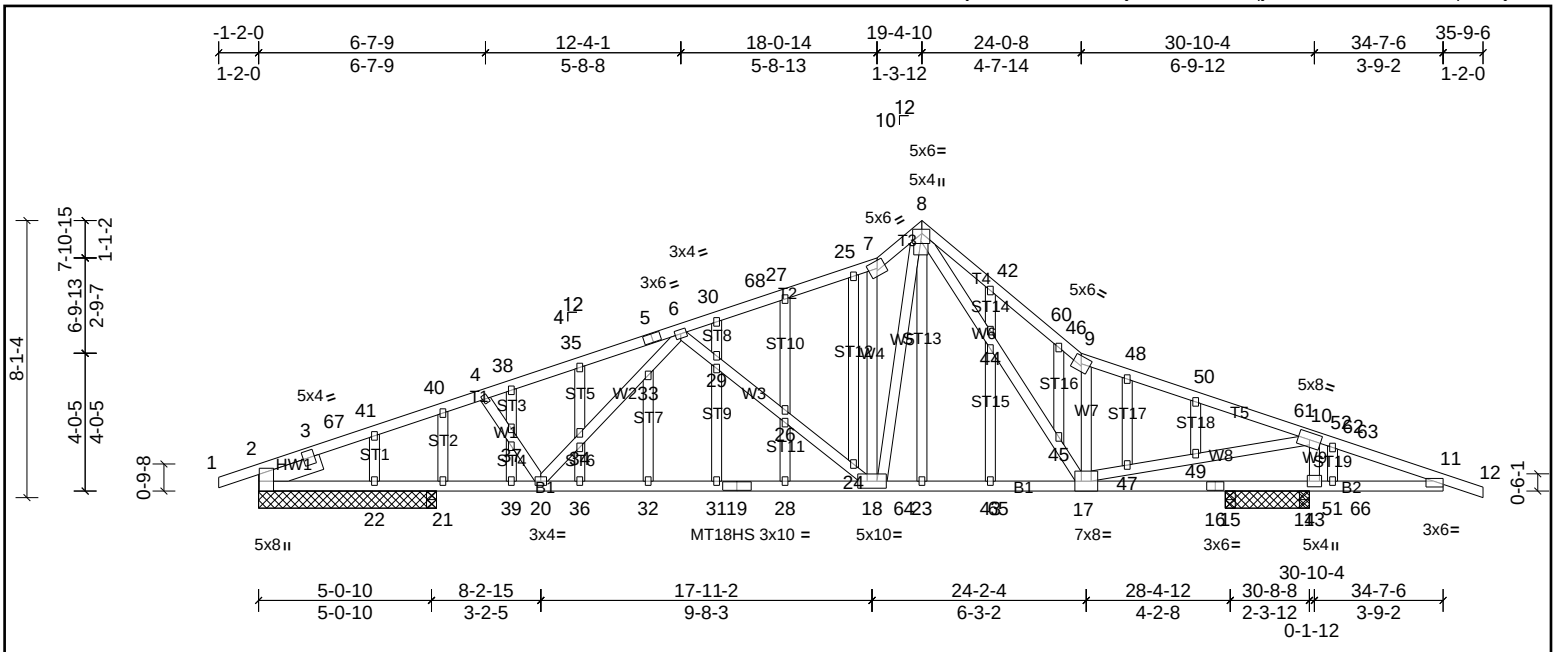


Plate Offsets (X, Y): [2:0-5-13,Edge], [8:0-2-12,0-1-8], [8:0-0-13,0-2-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.30	18-20	>918	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.73	Vert(CT)	-0.69	18-20	>403	180	MT18HS	244/190
TCDL	18.0	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.06	15	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 263 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T1:2x4 SP SS
BOT CHORD	2x4 SP SS *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS All bearings 5-2-6. except 21=0-3-8, 14=0-3-8, 15=0-3-8, 13=2-5-8

(lb) - Max Horiz 2=-121 (LC 15), 56=-121 (LC 15)

Max Uplift All uplift 100 (lb) or less at joint(s) 21 except 2=-151 (LC 10), 13=-261 (LC 11), 14=-477 (LC 3), 22=-366 (LC 2), 56=-151 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 14, 22 except 2=1480 (LC 3), 13=2197 (LC 3), 15=324 (LC 3), 21=531 (LC 3), 56=1480 (LC 3)

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

TOP CHORD 7-8=-2119/312, 8-60=-2371/308, 9-60=-2467/280, 9-61=-1978/133, 10-61=-1988/107, 10-62=-456/596, 62-63=-458/573, 11-63=-466/563, 2-3=-889/0, 3-67=-2706/250, 4-67=-2689/269, 4-5=-2536/248, 5-6=-2440/259, 6-68=-1800/209, 7-68=-1728/222

BOT CHORD 2-22=-258/2493, 21-22=-258/2493, 20-21=-258/2493, 19-20=-188/2176, 18-19=-188/2176, 18-64=-18/1319, 64-65=-18/1319, 17-65=-18/1319, 16-17=-490/477, 15-16=-490/477, 14-15=-490/477, 13-14=-490/477, 13-66=-490/477, 11-66=-490/477

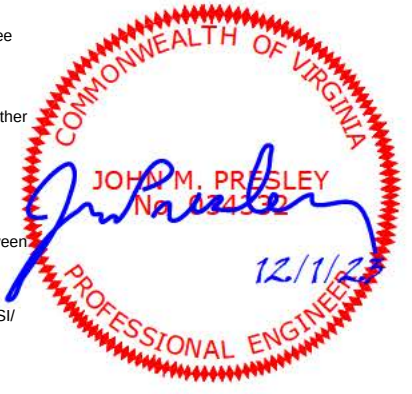
WEBS 7-18=-929/175, 8-18=-192/1806, 9-17=-1250/267, 4-20=-298/142, 6-20=0/330, 8-17=-203/965, 6-18=-735/182, 10-13=-1746/450, 10-17=-487/2351

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 2-4-15, Interior (1) 2-4-15 to 18-0-14, Exterior(2R) 18-0-14 to 22-11-9, Interior (1) 22-11-9 to 32-2-7, Exterior(2E) 32-2-7 to 35-9-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75,0.75,1.00; Ct=1.00
5) Roof design snow load has been reduced to account for slope.
6) Unbalanced snow loads have been considered for this design.
7) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
8) All plates are MT20 plates unless otherwise indicated.
9) All plates are 2x3 MT20 unless otherwise indicated.
10) Gable studs spaced at 2-0-0 oc.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21 except (jt=lb) 2=150, 22=366, 13=260, 14=477, 2=150.
14) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

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



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A1	Truss	1	1	Job Reference (optional)

Uniform Loads (lb/ft)

Vert: 7-8=-57, 8-9=-57, 9-12=-64, 53-56=-20, 1-7=-64

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A2	Truss	6	1	Job Reference (optional)

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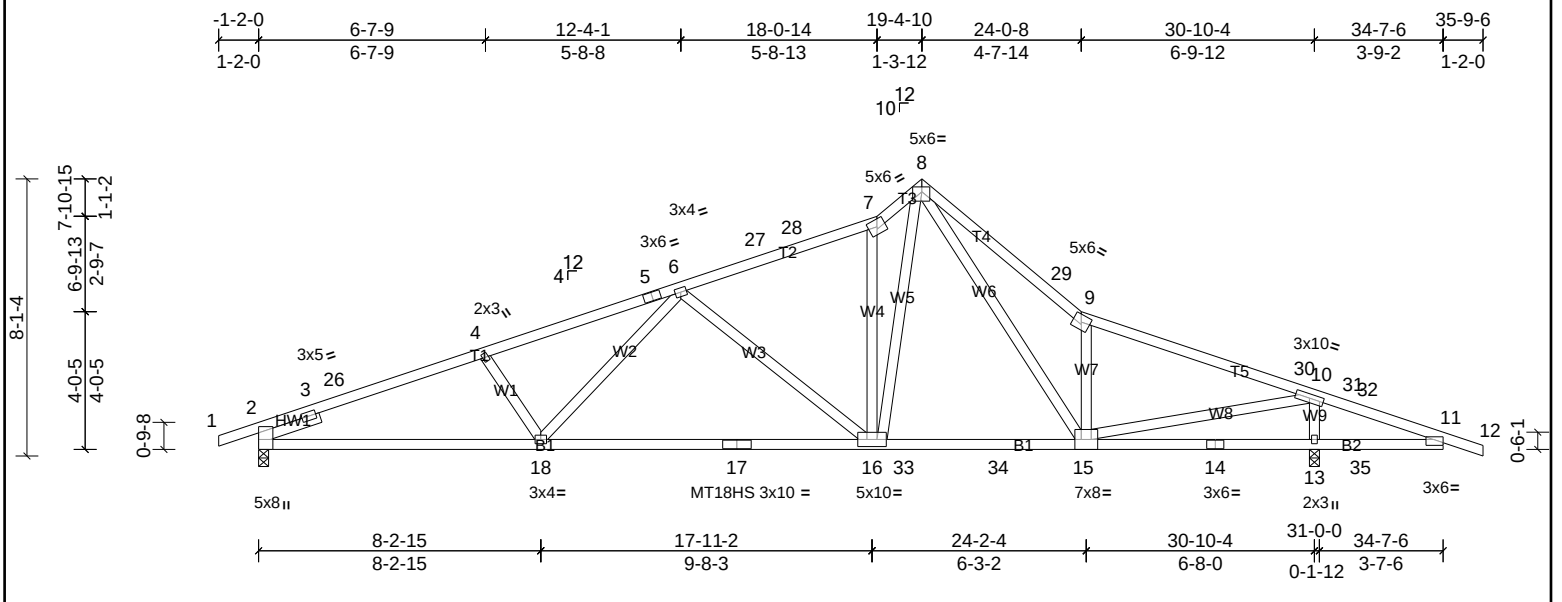

Plate Offsets (X, Y): [8:0-2-12,0-1-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.70	Vert(LL)	-0.32	16-18	>999	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.97	Vert(CT)	-0.65	16-18	>573	180	MT18HS	244/190
TCDL	10.0	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.06	13	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 188 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T1:2x4 SP SS
BOT CHORD	2x4 SP No.1 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-9-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 2=1070/0-3-8, (min. 0-1-10), 13=1355/0-3-8, (min. 0-2-1)
Max Horiz 2=-121 (LC 15)
Max Uplift 2=-148 (LC 10), 13=-137 (LC 11)
Max Grav 2=1357 (LC 3), 13=1743 (LC 3)

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

TOP CHORD	2-3=-381/0, 3-26=-2670/261, 4-26=-2657/280, 4-5=-2552/259, 5-6=-2479/271, 6-27=-1662/200, 27-28=-1607/204, 7-28=-1606/213, 7-8=-1962/300, 8-29=-2312/258, 9-29=-2383/230, 9-30=-1914/124, 10-30=-1922/98, 10-31=-520/426, 31-32=-522/408, 11-32=-532/400
BOT CHORD	2-18=-278/2467, 17-18=-198/2069, 16-17=-198/2069, 16-33=-18/1230, 33-34=-18/1230, 15-34=-18/1230, 14-15=-348/535, 13-14=-348/535, 13-35=-348/535, 11-35=-348/535
WEBS	6-18=-7/518, 6-16=-718/189, 7-16=-830/175, 8-16=-200/1648, 8-15=-177/1045, 9-15=-1141/246, 10-13=-1500/474, 10-15=-507/2133

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 2-4-15, Interior (1) 2-4-15 to 18-0-14, Exterior(2R) 18-0-14 to 22-11-9, Interior (1) 22-11-9 to 32-2-7, Exterior(2E) 32-2-7 to 35-9-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75,0.75,1.00; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) All plates are MT20 plates unless otherwise indicated.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 148 lb uplift at joint 2 and 137 lb uplift at joint 13.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-7=-48, 7-8=-41, 8-9=-41, 9-12=-48, 19-23=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A3	Truss	1	2	Job Reference (optional)

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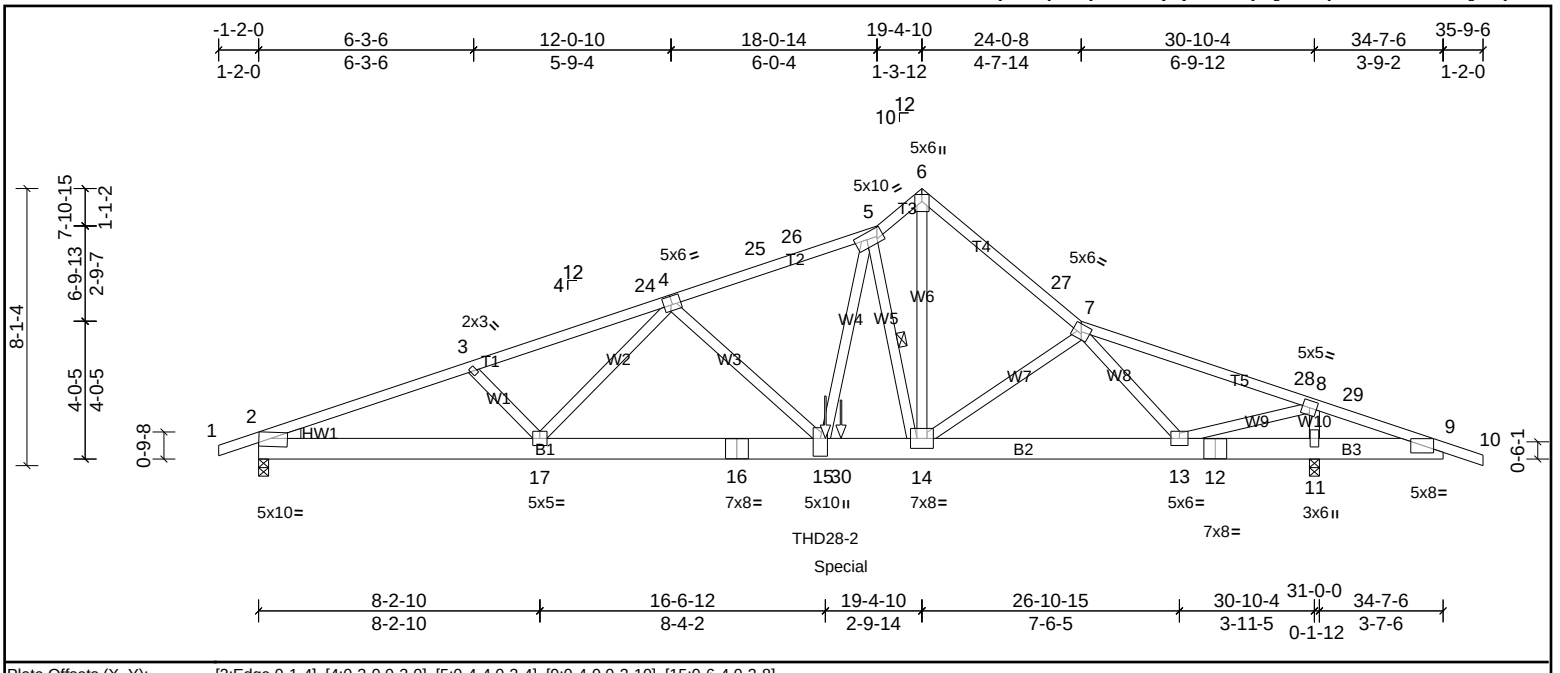

Plate Offsets (X, Y): [2:Edge,0-1-4], [4:0-3-0,0-3-0], [5:0-4-4,0-2-4], [9:0-4-0,0-2-10], [15:0-6-4,0-2-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.27	15-17	>999	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.96	Vert(CT)	-0.54	15-17	>685	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.98	Horz(CT)	0.07	11	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 479 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T2:2x4 SP No.1
BOT CHORD	2x8 SP No.1 *Except* B3:2x8 SP No.2
WEBS	2x4 SP No.3 *Except* W4,W6,W9:2x4 SP No.2
WEDGE	Left: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-14

REACTIONS (lb/size) 2=3279/0-3-8, (min. 0-2-1), 11=3923/0-3-8, (min. 0-2-8)
Max Horiz 2=-121 (LC 13)
Max Uplift 2=-554 (LC 8), 11=-607 (LC 9)
Max Grav 2=3477 (LC 2), 11=4189 (LC 2)

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

TOP CHORD	2-3=-8484/1348, 3-24=-8283/1318, 4-24=-8183/1320, 4-25=-8170/1358, 25-26=-8099/1362, 5-26=-8094/1369, 5-6=-6502/1120, 6-27=-6587/1134, 7-27=-6747/1106, 7-28=-5201/790, 8-28=-5210/764, 8-29=-301/187, 9-29=-309/182
BOT CHORD	2-17=-1320/7968, 16-17=-1303/7957, 15-16=-1303/7957, 15-30=-995/6473, 14-30=-995/6473, 13-14=-959/6424, 12-13=-160/318, 11-12=-160/318, 9-11=-160/318
WEBS	7-14=-1605/331, 8-11=-3619/570, 5-15=-884/5027, 6-14=-1355/7973, 5-14=-6547/1201, 7-13=-2478/439, 8-13=-642/5087, 4-17=-336/226, 4-15=-399/255

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 3 rows staggered at 0-4-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75,0.75,1.00; Ct=1.00
6) Roof design snow load has been reduced to account for slope.
7) Unbalanced snow loads have been considered for this design.
8) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 554 lb uplift at joint 2 and 607 lb uplift at joint 11.
12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
13) Use MiTek THD28-2 (With 28-16d nails into Girder & 16-10d nails into Truss) or equivalent at 16-6-12 from the left end to connect truss(es) to front face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.
15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 878 lb down and 115 lb up at 17-0-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A3	Truss	1	2	Job Reference (optional)

Uniform Loads (lb/ft)
Vert: 1-5=-48, 5-6=-41, 6-7=-41, 7-10=-48, 18-21=-20
Concentrated Loads (lb)
Vert: 15=-4002 (F), 30=-775 (F)

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A4	Truss	1	2	Job Reference (optional)

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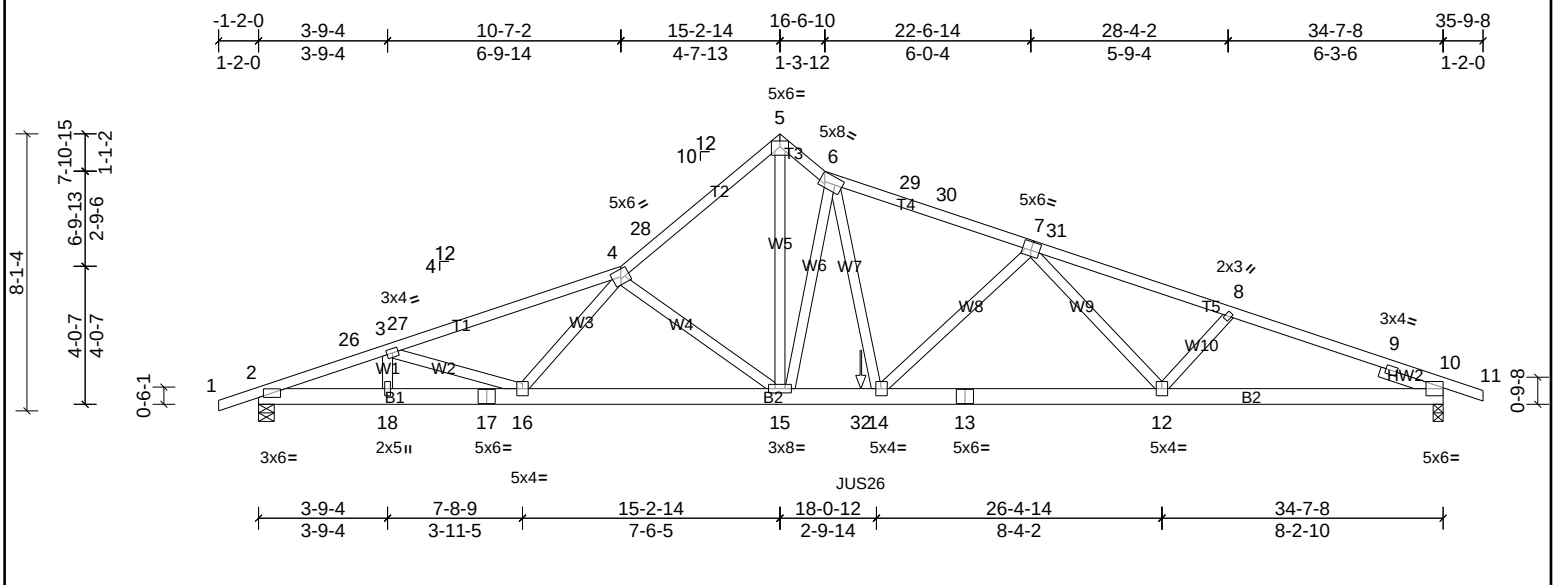


Plate Offsets (X, Y): [6:0-2-8,0-2-8], [7:0-3-0,0-3-0], [10:Edge,0-2-13]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.74	Vert(LL)	-0.17	12-14	>999	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.35	12-14	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.75	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 434 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Right 2x4 SP No.3 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1589/0-5-8, (min. 0-1-8), 10=1611/0-3-8, (min. 0-1-8)
Max Horiz 2=121 (LC 50)
Max Uplift 2=-165 (LC 12), 10=-210 (LC 9)
Max Grav 2=1836 (LC 2), 10=1849 (LC 2)

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

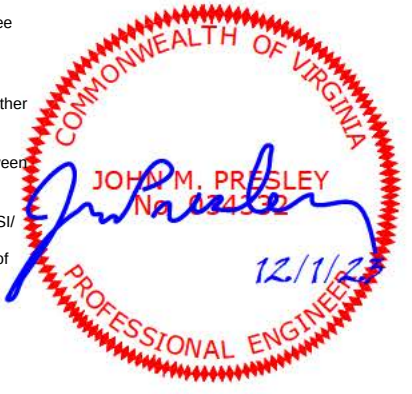
TOP CHORD 2-26=-4490/378, 3-26=-4439/381, 3-27=-4369/291, 4-27=-4359/317, 4-28=-3166/313, 5-28=-3080/342, 5-6=-3020/351, 6-29=-3289/356, 29-30=-3290/346, 7-30=-3360/343, 7-31=-3780/396, 8-31=-3880/394, 8-9=-4045/422, 9-10=-1798/90

BOT CHORD 2-18=-449/4246, 17-18=-449/4246, 16-17=-449/4246, 15-16=-332/3881, 15-32=-147/2824, 14-32=-147/2824, 13-14=-265/3535, 12-13=-265/3535, 10-12=-336/3772

WEBS 5-15=-390/3612, 4-15=-1916/273, 6-15=-2248/343, 4-16=0/401, 3-16=-312/207, 6-14=-161/1280, 7-14=-596/195, 7-12=-24/294

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75,0.75,1.00; Ct=1.00
6) Roof design snow load has been reduced to account for slope.
7) Unbalanced snow loads have been considered for this design.
8) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 10 and 165 lb uplift at joint 2.
12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
13) Use MiTek JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 17-7-4 from the left end to connect truss(es) to front face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.



LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-4=-48, 4-5=-41, 5-6=-41, 6-11=-48, 19-23=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A4	Truss	1	2	Job Reference (optional)

Concentrated Loads (lb)
Vert: 32=-775 (F)

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A5	Truss	7	1	Job Reference (optional)

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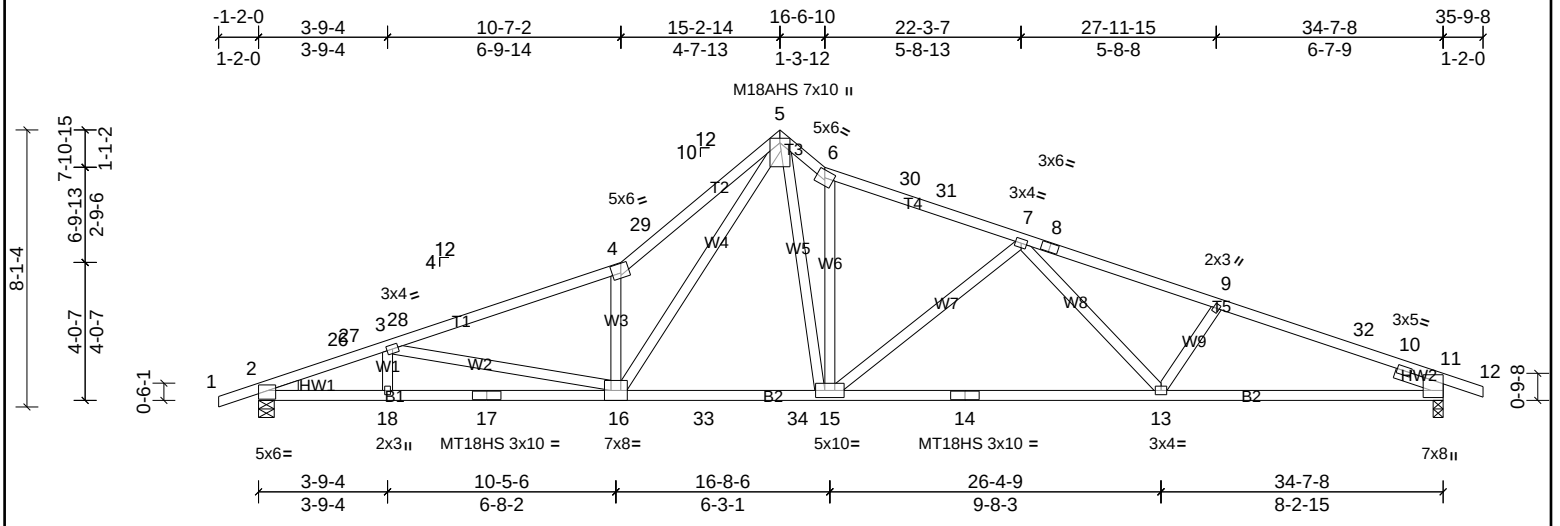


Plate Offsets (X, Y): [4:0-3-0,0-3-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.43	13-15	>967	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.77	Vert(CT)	-0.85	13-15	>487	180	M18AHS	186/179
TCDL	10.0	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.15	11	n/a	n/a	MT18HS	244/190
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 189 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T1,T5:2x4 SP SS
BOT CHORD	2x4 SP SS
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2
WEDGE	Left: 2x4 SP No.2
SLIDER	Right 2x4 SP No.3 -- 1-6-0

BRACING

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

REACTIONS (lb/size) 2=1208/0-5-8, (min. 0-1-13), 11=1217/0-3-8, (min. 0-1-13)
Max Horiz 2=121 (LC 14)
Max Uplift 2=-108 (LC 14), 11=-151 (LC 11)
Max Grav 2=1554 (LC 3), 11=1547 (LC 3)

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

TOP CHORD 2-26=-3671/430, 26-27=-3636/438, 3-27=-3631/442, 3-28=-3222/397, 4-28=-3211/423, 4-29=-4004/643, 5-29=-3934/671, 5-6=-2633/471, 6-30=-2160/352, 30-31=-2162/343, 7-31=-2217/339, 7-8=-2962/393, 8-9=-3035/381, 9-32=-3131/400, 10-32=-3152/380, 10-11=-377/0

BOT CHORD 2-18=-383/3436, 17-18=-383/3436, 16-17=-383/3436, 16-33=-80/1719, 33-34=-80/1719, 15-34=-80/1719, 14-15=-244/2575, 13-14=-244/2575, 11-13=-292/2912

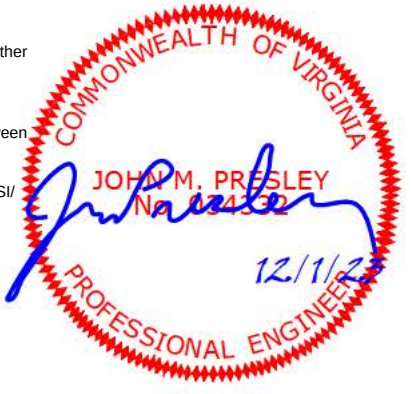
WEBS 5-15=-242/1868, 6-15=-1054/233, 7-13=-6/467, 7-15=-702/189, 4-16=-1785/413, 3-16=-611/176, 5-16=-426/2489

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 2-6-5, Interior (1) 2-6-5 to 11-6-9, Exterior(2R) 11-6-9 to 15-2-14, Exterior(2E) 15-2-14 to 16-6-10, Interior (1) 16-6-10 to 32-1-3, Exterior(2E) 32-1-3 to 35-9-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75,0.75,1.00; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) All plates are MT20 plates unless otherwise indicated.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 151 lb uplift at joint 11 and 108 lb uplift at joint 2.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-4=-48, 4-5=-41, 5-6=-41, 6-12=-48, 19-23=-20



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A6	Truss	1	1	Job Reference (optional)

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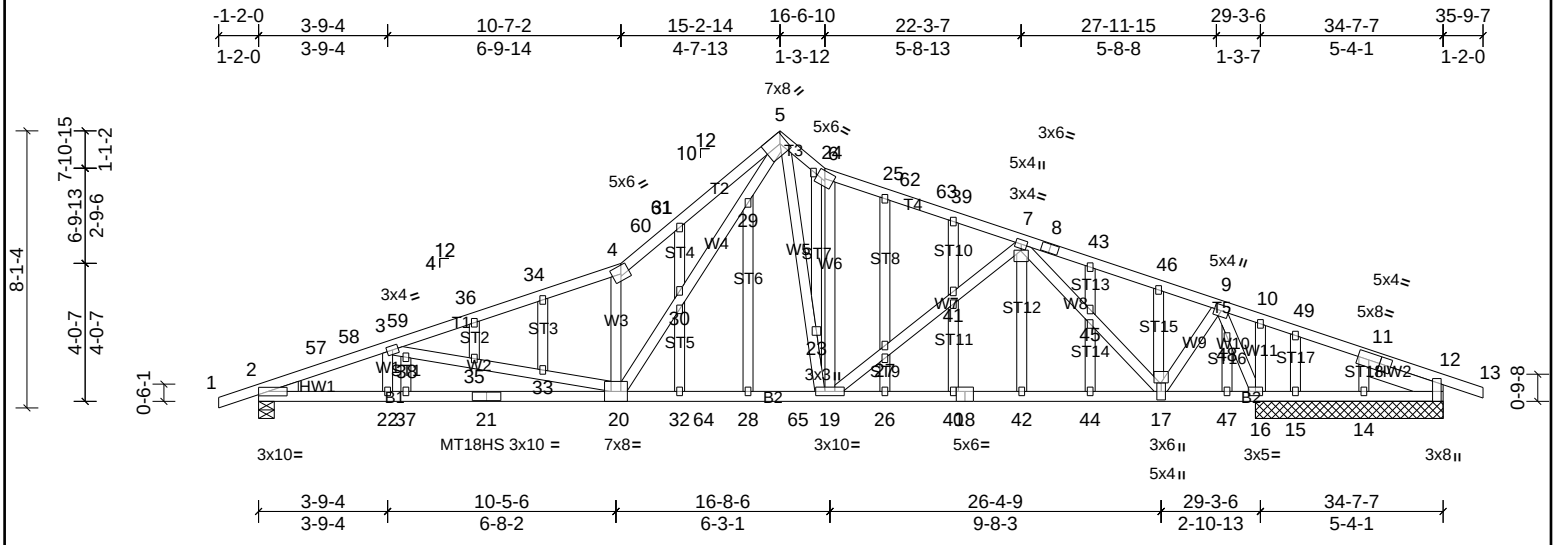

Plate Offsets (X, Y): [2:Edge,0-0-7], [4:0-3-0,0-2-12], [5:0-2-4,Edge], [7:0-0-2,0-2-8], [12:0-5-13,Edge], [12:1-7-7,0-2-8], [17:0-0-7,0-2-8], [24:0-3-8,0-1-13]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.80	Vert(LL)	-0.20	20-22	>999	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.46	20-22	>762	180	MT18HS	244/190
TCDL	18.0	Rep Stress Incr	YES	WB	0.98	Horz(CT)	0.07	16	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 268 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T1:2x4 SP SS
BOT CHORD	2x4 SP No.1 *Except* B1:2x4 SP SS
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.3
SLIDER	Right 2x6 SP No.2 -- 2-4-3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-7-12 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 4-9-8 oc bracing.

REACTIONS All bearings 5-5-13. except 2=0-5-8

(lb) - Max Horiz 2=121 (LC 14)

Max Uplift All uplift 100 (lb) or less at joint(s) 14 except 2=-104 (LC 14), 12=-493 (LC 48), 15=-195 (LC 2), 16=-156 (LC 15), 53=-493 (LC 48)

Max Grav All reactions 250 (lb) or less at joint(s) 12, 15, 53 except 2=1471 (LC 3), 14=479 (LC 3), 16=2373 (LC 3)

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

TOP CHORD	2-57=-3355/316, 57-58=-3321/324, 3-58=-3289/327, 3-59=-2690/277, 4-59=-2676/303, 4-60=-3353/491, 60-61=-3286/495, 5-61=-3254/519, 5-6=-1866/341, 6-62=-1513/244, 62-63=-1515/235, 7-63=-1585/224, 7-8=-386/95, 8-9=-495/84, 9-10=-59/1313, 10-11=-91/1407, 11-12=-121/699
BOT CHORD	2-22=-273/3136, 21-22=-273/3136, 20-21=-273/3136, 20-64=0/1263, 64-65=0/1263, 19-65=0/1263, 18-19=-64/1227, 17-18=-64/1227, 16-17=-453/88, 15-16=-1267/150, 14-15=-1267/150, 12-14=-1267/150
WEBS	4-20=-1621/351, 6-19=-856/189, 10-16=-370/72, 9-17=-37/1468, 7-17=-1288/200, 7-19=0/355, 5-19=-148/1053, 5-20=-355/2361, 3-20=-795/170, 9-16=-2075/152

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-11, Interior (1) 1-10-11 to 12-2-3, Exterior(2R) 12-2-3 to 15-2-14, Exterior(2E) 15-2-14 to 16-6-10, Interior (1) 16-6-10 to 32-8-12, Exterior(2E) 32-8-12 to 35-9-7 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75,0.75,1.00; Ct=1.00
5) Roof design snow load has been reduced to account for slope.
6) Unbalanced snow loads have been considered for this design.
7) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
8) All plates are MT20 plates unless otherwise indicated.
9) All plates are 2x3 MT20 unless otherwise indicated.
10) Gable studs spaced at 2-0-0 oc.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14 except (jt=lb) 2=103, 12=492, 16=156, 15=195, 12=492.
14) This truss is designed in accordance with the 2018 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	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A6	Truss	1	1	Job Reference (optional)

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-4=-64, 4-5=-57, 5-6=-57, 6-13=-64, 50-53=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A7	Truss	1	1	Job Reference (optional)

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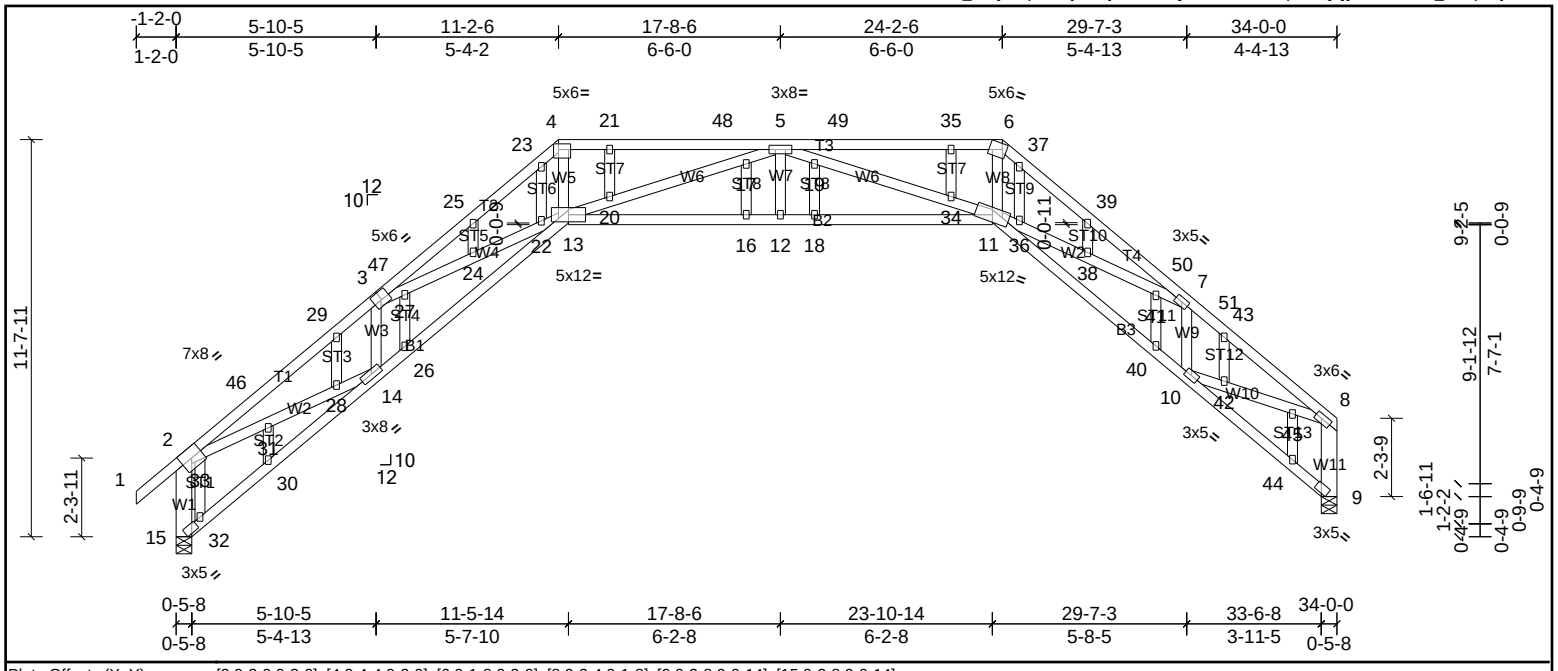

Plate Offsets (X, Y): [3:0-3-0,0-3-0], [4:0-4-4,0-2-0], [6:0-1-8,0-2-0], [8:0-2-4,0-1-8], [9:0-2-8,0-0-14], [15:0-2-8,0-0-14]

Loading	(psf)	Spacing	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.74	Vert(LL)	-0.32	12-13	>999	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.79	12-13	>513	180		
TCDL	18.0	Rep Stress Incr	YES	WB	0.80	Horz(CT)	1.24	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 233 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W1,W11:2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (2-10-8 max.): 4-6.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 9=703/0-5-8, (min. 0-1-8), 15=740/0-5-8, (min. 0-1-8)
Max Horiz 15=145 (LC 9)
Max Uplift 9=-13 (LC 13), 15=-29 (LC 12)
Max Grav 9=804 (LC 2), 15=859 (LC 2)

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

TOP CHORD 2-46=-2222/222, 3-46=-2148/236, 3-47=-3343/354, 4-47=-3331/375, 4-48=-2761/326, 5-48=-2761/326, 5-49=-2583/102, 6-49=-2583/102, 6-50=-3066/131, 7-50=-3135/114, 7-51=-1664/61, 8-51=-1756/58, 2-15=-866/113, 8-9=-797/42

BOT CHORD 13-14=-360/2173, 12-13=-298/3124, 11-12=-298/3124, 10-11=-18/1714

WEBS 4-13=-197/1922, 5-13=-501/195, 5-11=-667/180, 6-11=-67/1783, 3-14=-600/89, 7-10=-646/38, 7-11=-161/1116, 8-10=-6/1348, 2-14=-136/1740, 3-13=-61/903

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 2-2-13, Interior (1) 2-2-13 to 6-4-11, Exterior(2R) 6-4-11 to 16-0-2, Interior (1) 16-0-2 to 19-4-11, Exterior (2R) 19-4-11 to 29-0-2, Interior (1) 29-0-2 to 30-4-7, Exterior(2E) 30-4-7 to 33-9-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,1.00,0.75; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
5) Roof design snow load has been reduced to account for slope.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x3 MT20 unless otherwise indicated.
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
12) Bearing at joint(s) 15, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 15 and 13 lb uplift at joint 9.
14) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
15) 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

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

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A7	Truss	1	1	Job Reference (optional)

Vert: 1-2=-29, 2-4=-29, 4-6=-37, 6-8=-29, 13-15=-10, 11-13=-10, 9-11=-10

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	A8	Truss	2	1	Job Reference (optional)

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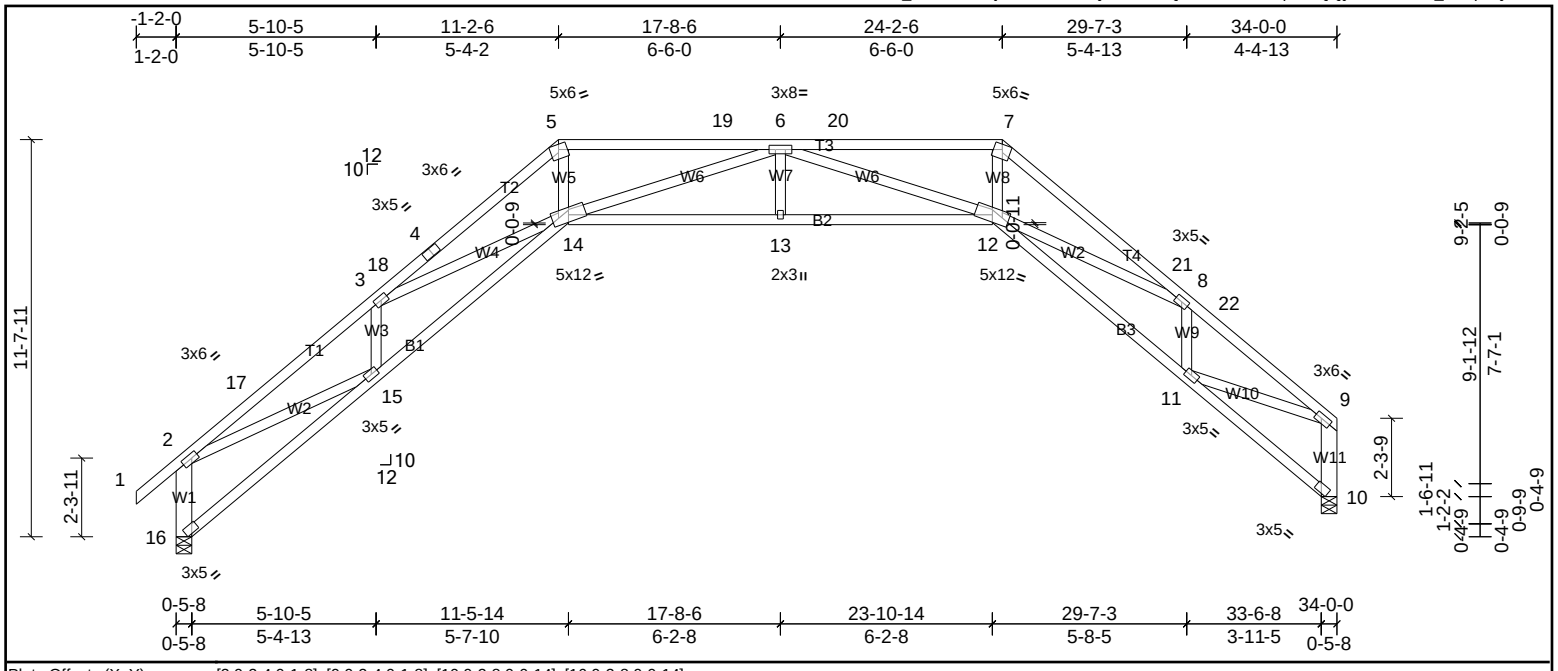

Plate Offsets (X, Y): [2:0-2-4,0-1-8], [9:0-2-4,0-1-8], [10:0-2-8,0-0-14], [16:0-2-8,0-0-14]

Loading	(psf)	Spacing	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	-0.34	13-14	>999	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.69	13-14	>583	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.67	Horz(CT)	1.08	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 199 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1,W11:2x6 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-11-4 oc purlins, except end verticals, and 2-0-0 oc purlins (3-5-6 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 9-10-6 oc bracing.

REACTIONS (lb/size) 10=569/0-5-8, (min. 0-1-8), 16=595/0-5-8, (min. 0-1-8)
Max Horiz 16=145 (LC 9)
Max Uplift 10=-13 (LC 13), 16=-29 (LC 12)
Max Grav 10=670 (LC 2), 16=714 (LC 2)

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

TOP CHORD	2-16=-713/112, 2-17=-1858/224, 3-17=-1802/238, 3-18=-2787/354, 4-18=-2777/360, 4-5=-2737/375, 5-19=-2305/326, 6-19=-2305/326, 6-20=-2155/103, 7-20=-2155/103, 7-21=-2556/131, 8-21=-2610/114, 8-22=-1389/61, 9-22=-1461/58, 9-10=-662/42
BOT CHORD	14-15=-358/1804, 13-14=-298/2601, 12-13=-298/2601, 11-12=-19/1431
WEBS	3-14=-63/764, 5-14=-197/1611, 6-14=-432/196, 6-12=-567/180, 7-12=-67/1494, 3-15=-481/88, 2-15=-139/1464, 8-12=-161/931, 8-11=-529/38, 9-11=-6/1123

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 2-2-13, Interior (1) 2-2-13 to 6-4-11, Exterior(2R) 6-4-11 to 16-0-2, Interior (1) 16-0-2 to 19-4-11, Exterior (2R) 19-4-11 to 29-0-2, Interior (1) 29-0-2 to 30-4-7, Exterior(2E) 30-4-7 to 33-9-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,1.00,0.75; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Roof design snow load has been reduced to account for slope.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 16, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 16 and 13 lb uplift at joint 10.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) 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

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-21, 2-5=-21, 5-7=-29, 7-9=-21, 14-16=-10, 12-14=-10, 10-12=-10

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B1	Truss	4	3	Job Reference (optional)

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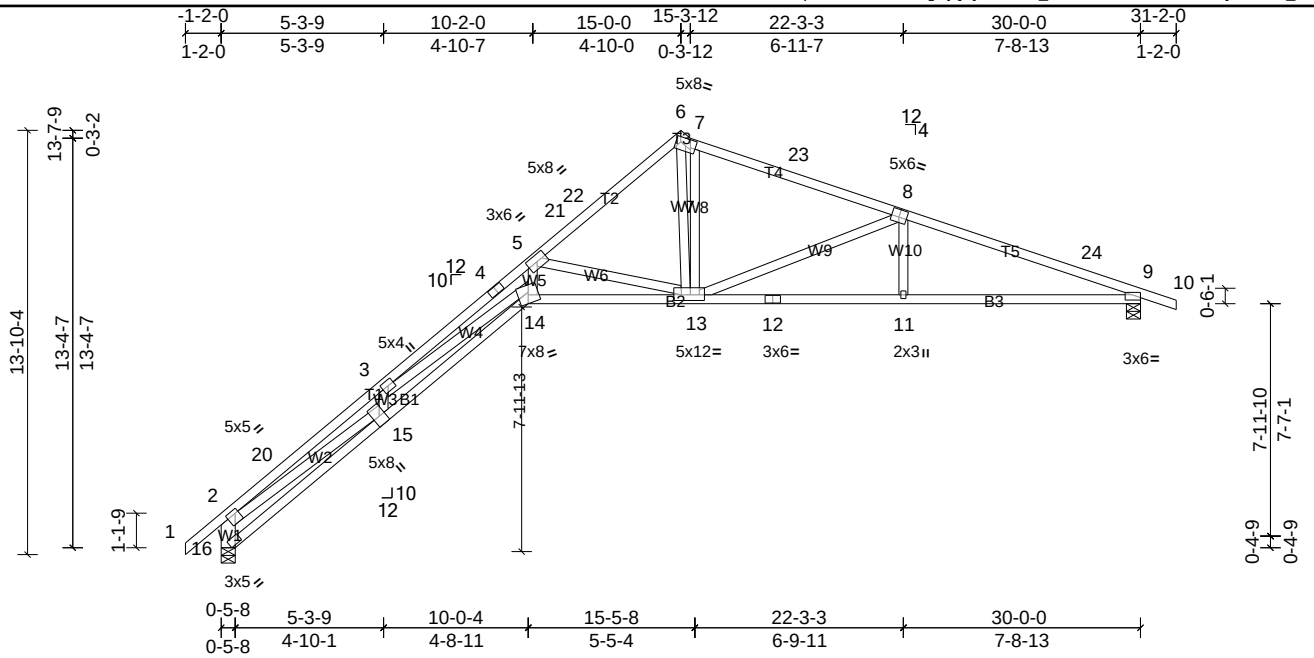

Plate Offsets (X, Y): [2:0-1-4,0-1-8], [8:0-3-0,0-3-0], [13:0-5-8,0-2-4], [14:0-4-0,0-3-5], [16:0-2-8,0-0-14]

Loading	(psf)	Spacing	3-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	0.49	14	>724	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.92	Vert(CT)	-0.97	14	>369	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.98	Horz(CT)	0.89	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 497 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T1:2x4 SP No.1
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2, W5:2x4 SP No.2

BRACING

TOP CHORD	2-0-0 oc purlins (4-7-14 max.), except end verticals (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 9=1563/0-5-8, (min. 0-1-8), 16=1489/0-5-8, (min. 0-1-8)
Max Horiz 16=508 (LC 14)
Max Uplift 9=-193 (LC 11), 16=-87 (LC 14)
Max Grav 9=1890 (LC 2), 16=1913 (LC 2)

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

TOP CHORD	2-16=-2201/776, 2-20=-8723/2043, 3-20=-8551/2094, 3-4=-12743/2676, 4-5=-12554/2707, 5-21=-3193/593, 21-22=-3132/599, 6-22=-3115/634, 6-7=-2859/631, 7-23=-2801/614, 8-23=-2914/595, 8-24=-4002/678, 9-24=-4112/639
BOT CHORD	15-16=-834/992, 14-15=-2401/8497, 13-14=-1929/8947, 12-13=-513/3790, 11-12=-513/3790, 9-11=-508/3796
WEBS	3-14=-426/3989, 5-14=-1602/7442, 5-13=-6811/1717, 6-13=-489/2867, 7-13=-830/224, 8-13=-1275/273, 8-11=0/401, 3-15=-990/324, 2-15=-1500/7103

NOTES

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 12-0-0, Exterior(2R) 12-0-0 to 15-0-0, Exterior(2E) 15-0-0 to 15-3-12, Interior (1) 15-3-12 to 28-2-0, Exterior(2E) 28-2-0 to 31-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,0.75,1.00; Ct=1.00
6) Roof design snow load has been reduced to account for slope.
7) Unbalanced snow loads have been considered for this design.
8) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 193 lb uplift at joint 9 and 87 lb uplift at joint 16.
13) This truss is designed in accordance with the 2018 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.

LOAD CASE(S) Standard

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

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B1	Truss	4	3	Job Reference (optional)

Vert: 1-2=-62, 2-6=-62, 6-7=-62, 7-10=-72, 14-16=-30, 14-17=-30

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B2	Truss	1	1	Job Reference (optional)

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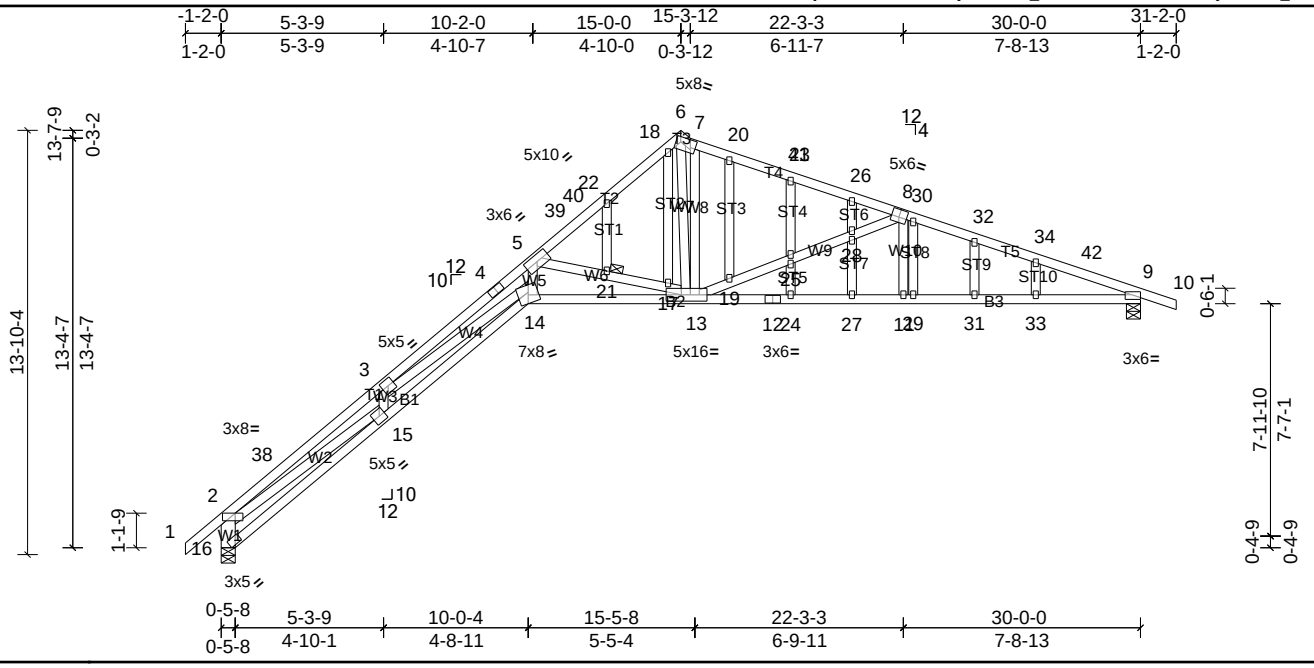

Plate Offsets (X, Y): [2:0-5-0,Edge], [8:0-3-0,0-3-0], [9:Edge,0-0-11], [13:0-6-8,0-2-8], [14:0-4-0,0-3-5], [16:0-2-8,0-0-14]

Loading	(psf)	Spacing	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	0.47	14	>766	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-1.10	14	>325	180		
TCDL	18.0	Rep Stress Incr	YES	WB	0.72	Horz(CT)	1.00	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 199 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T2,T1:2x4 SP No.1
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2, W5,W2:2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-1-10 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 7-0-6 oc bracing.
WEBS	1 Row at midpt 5-13

REACTIONS (lb/size) 9=649/0-5-8, (min. 0-1-8), 16=627/0-5-8, (min. 0-1-8)
Max Horiz 16=169 (LC 14)
Max Uplift 9=-64 (LC 11), 16=-29 (LC 14)
Max Grav 9=758 (LC 2), 16=768 (LC 2)

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

TOP CHORD 2-16=-880/258, 2-38=-3496/682, 3-38=-3423/699, 3-4=-5087/891, 4-5=-5007/901, 5-39=-1280/198, 39-40=-1254/200, 6-40=-1247/211, 6-7=-1133/209, 7-41=-1120/205, 8-41=-1168/199, 8-42=-1600/226, 9-42=-1646/213

BOT CHORD 15-16=-278/364, 14-15=-801/3377, 13-14=-642/3565, 12-13=-171/1516, 11-12=-171/1516, 9-11=-169/1518

WEBS 3-14=-139/1579, 5-14=-533/2953, 5-13=-2703/571, 6-13=-160/1123, 7-13=-303/74, 8-13=-508/91, 3-15=-408/108, 2-15=-501/2854

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 12-0-0, Exterior(2R) 12-0-0 to 15-0-0, Exterior(2E) 15-0-0 to 15-3-12, Interior (1) 15-3-12 to 28-2-0, Exterior(2E) 28-2-0 to 31-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,0.75,1.00; Ct=1.00
5) Roof design snow load has been reduced to account for slope.
6) Unbalanced snow loads have been considered for this design.
7) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
8) All plates are 2x3 MT20 unless otherwise indicated.
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
12) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 9 and 29 lb uplift at joint 16.
14) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-29, 2-6=-29, 6-7=-29, 7-10=-32, 14-16=-10, 14-35=-10

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B3	Truss	9	1	Job Reference (optional)

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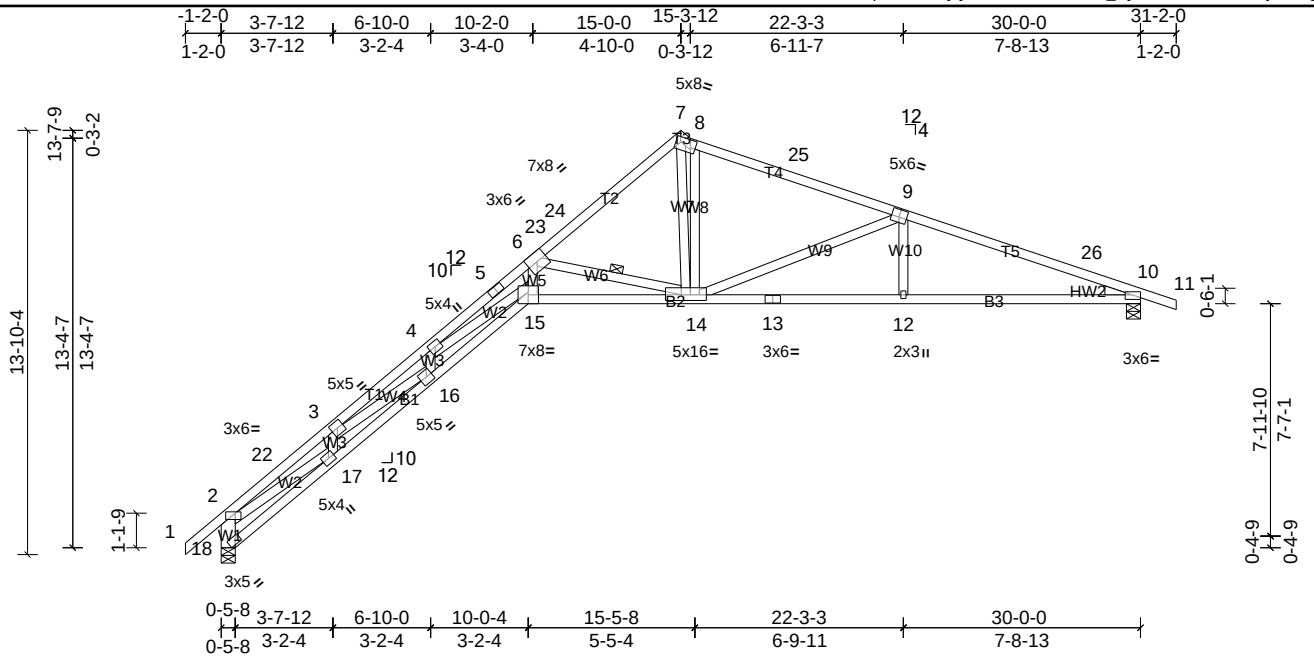


Plate Offsets (X, Y): [2:0-3-12,0-0-8], [9:0-3-0,0-3-0], [10:Edge,0-0-11], [14:0-6-4,0-2-4], [18:0-2-8,0-0-14]

Loading	(psf)	Spacing	1-4-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	0.57	15	>630	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.87	Vert(CT)	-1.10	15	>325	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.80	Horz(CT)	1.02	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 168 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.1
BOT CHORD	2x4 SP No.1 *Except* B3:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2, W5,W2:2x4 SP No.2
WEDGE	Right: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 5-9-14 oc bracing.
WEBS	1 Row at midpt 6-14

REACTIONS (lb/size) 10=695/0-5-8, (min. 0-1-8), 18=662/0-5-8, (min. 0-1-8)
Max Horiz 18=226 (LC 14)
Max Uplift 10=-86 (LC 11), 18=-39 (LC 14)
Max Grav 10=840 (LC 2), 18=850 (LC 2)

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

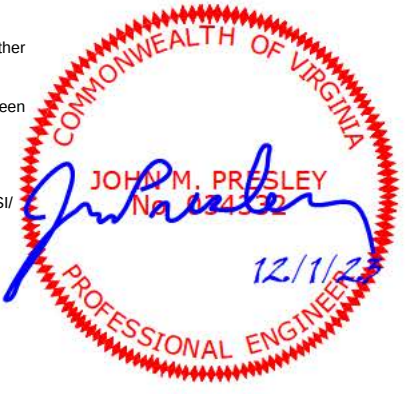
TOP CHORD	2-18=-898/317, 2-22=-2821/724, 3-22=-2765/739, 3-4=-4625/1133, 4-5=-5620/1265, 5-6=-5571/1276, 6-23=-1419/273, 23-24=-1399/277, 7-24=-1396/295, 7-8=-1242/283, 8-25=-1245/287, 9-25=-1295/278, 9-26=-1779/314, 10-26=-1828/297
BOT CHORD	17-18=-320/309, 16-17=-868/2730, 15-16=-1177/4570, 14-15=-899/3950, 13-14=-240/1685, 12-13=-240/1685, 10-12=-238/1687
WEBS	6-15=-749/3321, 6-14=-2996/781, 7-14=-209/1223, 8-14=-328/92, 4-15=-88/949, 2-17=-525/2248, 9-14=-567/122, 3-17=-515/156, 4-16=-370/92, 3-16=-321/1745

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 10-9-1, Exterior(2R) 10-9-1 to 15-0-0, Exterior(2E) 15-0-0 to 15-3-12, Interior (1) 15-3-12 to 28-2-0, Exterior(2E) 28-2-0 to 31-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,0.75,1.00; Ct=1.00; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 18 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 10 and 39 lb uplift at joint 18.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-27, 2-7=-27, 7-8=-27, 8-11=-32, 15-18=-13, 15-19=-13



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B4	Truss	1	2	Job Reference (optional)

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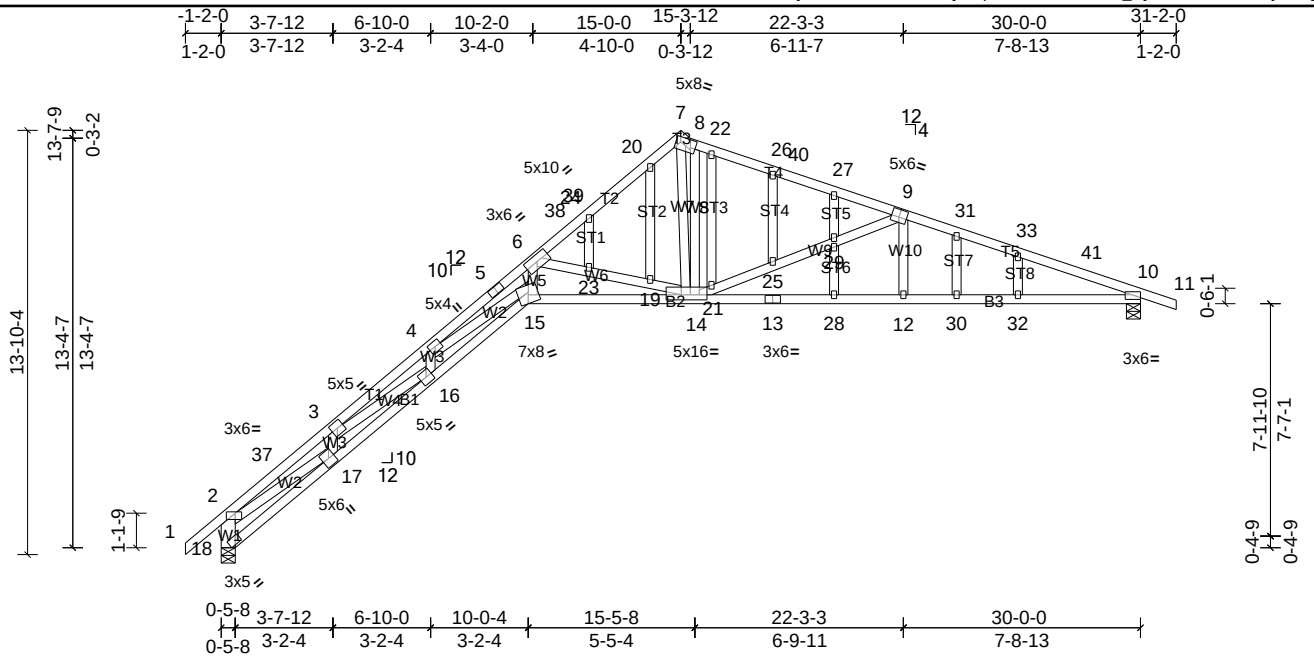


Plate Offsets (X, Y): [2:0-3-8,0-0-8], [9:0-3-0,0-3-0], [10:Edge,0-0-11], [14:0-6-8,0-2-0], [15:0-4-0,0-3-5], [18:0-2-8,0-0-14]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	0.46	15	>772	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.98	Vert(CT)	-1.08	15	>332	180		
TCDL	18.0	Rep Stress Incr	YES	WB	0.83	Horz(CT)	1.00	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 390 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* B1:2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2, W5:2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-11-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 14-15.

REACTIONS (lb/size) 10=1298/0-5-8, (min. 0-1-8), 18=1253/0-5-8, (min. 0-1-8)
Max Horiz 18=339 (LC 14)
Max Uplift 10=-129 (LC 11), 18=-58 (LC 14)
Max Grav 10=1517 (LC 2), 18=1536 (LC 2)

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

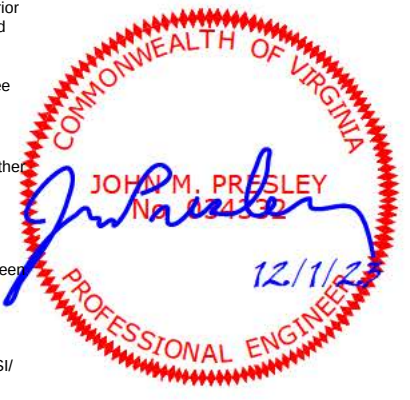
TOP CHORD 2-18=-1620/464, 2-37=-5063/1043, 3-37=-4954/1066, 3-4=-8328/1622, 4-5=-10128/1785, 5-6=-10035/1801, 6-38=-2556/394, 38-39=-2508/398, 7-39=-2490/421, 7-8=-2278/415, 8-40=-2239/410, 9-40=-2335/397, 9-41=-3200/452, 10-41=-3293/426

BOT CHORD 17-18=-481/499, 16-17=-1301/4846, 15-16=-1757/8184, 14-15=-1267/7109, 13-14=-342/3032, 12-13=-342/3032, 10-12=-339/3036

WEBS 6-15=-1080/5952, 6-14=-5386/1124, 7-14=-312/2263, 8-14=-635/144, 9-14=-1016/182, 9-12=0/260, 4-15=-97/1719, 3-17=-941/229, 2-17=-766/4036, 3-16=-450/3156, 4-16=-682/131

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 12-0-0, Exterior(2R) 12-0-0 to 15-0-0, Exterior(2E) 15-0-0 to 15-3-12, Interior (1) 15-3-12 to 28-2-0, Exterior(2E) 28-2-0 to 31-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Truss designed for wind loads in the plane of the truss only.
6) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,0.75,1.00; Ct=1.00
7) Roof design snow load has been reduced to account for slope.
8) Unbalanced snow loads have been considered for this design.
9) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
10) All plates are 2x3 MT20 unless otherwise indicated.
11) Gable studs spaced at 2-0-0 oc.
12) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
13) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
14) Bearing at joint(s) 18 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
15) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 10 and 58 lb uplift at joint 18.
16) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B4	Truss	1	2	Job Reference (optional)

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-57, 2-7=-57, 7-8=-57, 8-11=-64, 15-18=-20, 15-34=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B5	Truss	1	2	Job Reference (optional)

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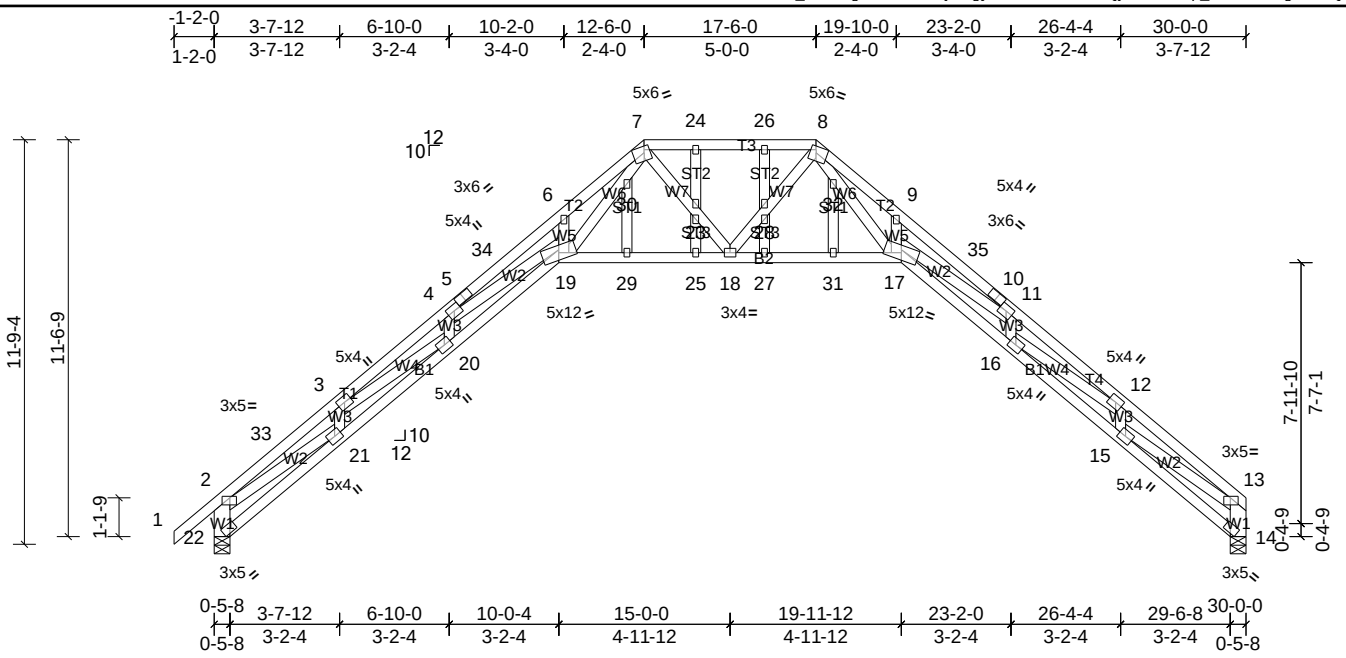

Plate Offsets (X, Y): [2:0-2-12,0-0-8], [5:0-2-15,0-1-8], [7:0-1-12,0-1-4], [8:0-1-12,0-1-4], [10:0-2-15,0-1-8], [13:0-2-12,0-0-8], [14:0-2-8,0-0-14], [22:0-2-8,0-0-14]

Loading	(psf)	Spacing	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	-0.29	17-18	>999	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.69	17-18	>512	180		
TCDL	18.0	Rep Stress Incr	YES	WB	0.75	Horz(CT)	1.21	14	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 395 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP SS
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2
OTHERS	2x4 SP No.3

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.): 7-8.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 14=590/0-5-8, (min. 0-1-8), 22=632/0-5-8, (min. 0-1-8)

Max Horiz 22=140 (LC 11)

Max Uplift 14=-24 (LC 13), 22=-36 (LC 12)

Max Grav 14=708 (LC 2), 22=763 (LC 2)

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

TOP CHORD 2-33=-2489/237, 3-33=-2418/243, 3-4=-4162/277, 4-5=-4906/201, 5-34=-4876/205, 6-34=-4843/211, 6-7=-4852/241, 7-8=-1597/0, 8-9=-4866/0, 9-35=-4856/0, 10-35=-4889/0, 10-11=-4919/0, 11-12=-4184/0, 12-13=-2526/50, 2-22=-809/114, 13-14=-744/41

BOT CHORD 21-22=-179/258, 20-21=-278/2359, 19-20=-310/4019, 18-19=-74/1556, 17-18=0/1557, 16-17=0/4023, 15-16=-23/2314

WEBS 4-19=0/697, 3-21=-457/58, 7-19=-233/3599, 8-17=0/3613, 2-21=-155/1977, 4-20=-343/25, 3-20=-48/1608, 11-16=-337/0, 12-15=-471/22, 11-17=-90/714, 12-16=0/1587, 13-15=-7/2029

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 8-3-1, Exterior(2R) 8-3-1 to 21-8-15, Interior (1) 21-8-15 to 26-5-11, Exterior (2E) 26-5-11 to 29-9-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Truss designed for wind loads in the plane of the truss only.
6) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,1.00,0.75; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
7) Roof design snow load has been reduced to account for slope.
8) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
9) Provide adequate drainage to prevent water ponding.
10) All plates are 2x3 MT20 unless otherwise indicated.
11) Gable studs spaced at 2-0-0 oc.
12) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
13) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
14) Bearing at joint(s) 22, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
15) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 36 lb uplift at joint 22 and 24 lb uplift at joint 14.
16) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B5	Truss	1	2	Job Reference (optional)

17) 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

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-29, 2-7=-29, 7-8=-37, 8-13=-29, 19-22=-10, 17-19=-10, 14-17=-10

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B6	Truss	5	2	Job Reference (optional)

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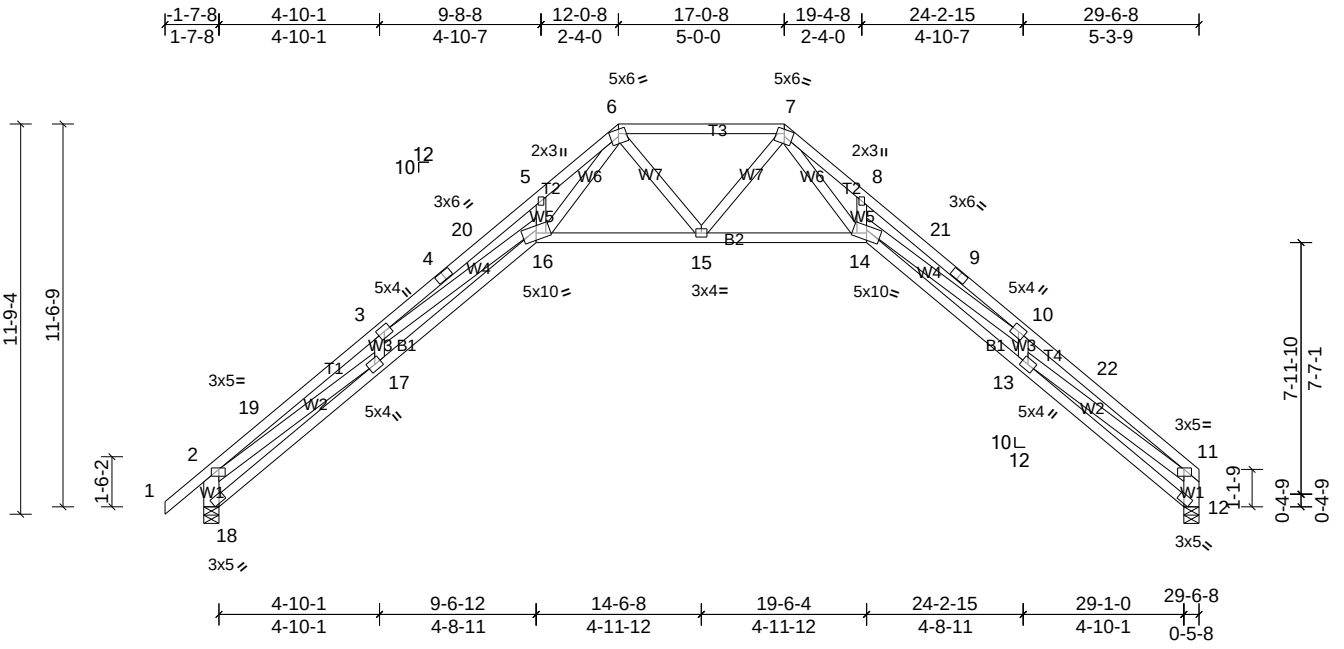

Plate Offsets (X, Y): [2:0-2-12,0-0-8], [6:0-2-12,0-1-8], [7:0-2-12,0-1-8], [11:0-2-12,0-0-8], [12:0-2-8,0-0-14], [18:0-2-8,0-0-14]

Loading	(psf)	Spacing	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	-0.37	15-16	>967	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	-0.74	15-16	>482	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.63	Horz(CT)	1.25	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 362 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-9-12 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 17-18.

REACTIONS (lb/size) 12=472/0-5-8, (min. 0-1-8), 18=502/0-5-8, (min. 0-1-8)
Max Horiz 18=135 (LC 11)
Max Uplift 12=-23 (LC 13), 18=-36 (LC 12)
Max Grav 12=590 (LC 2), 18=634 (LC 2)

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

TOP CHORD	2-19=-2933/286, 3-19=-2884/299, 3-4=-4125/200, 4-20=-4065/203, 5-20=-4060/211, 5-6=-4088/249, 6-7=-1334/0, 7-8=-4106/0, 8-21=-4075/0, 9-21=-4079/0, 9-10=-4129/0, 10-22=-2872/13, 11-22=-2930/2, 11-12=-643/52
BOT CHORD	16-17=-324/2814, 15-16=-72/1292, 14-15=0/1294, 13-14=0/2757
WEBS	2-18=-560/108, 3-17=-354/66, 3-16=0/1155, 2-17=-215/2665, 10-13=-344/24, 10-14=-80/1174, 11-13=0/2449, 7-14=0/3065, 6-16=-242/3047

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 8-3-1, Exterior(2R) 8-3-1 to 21-8-15, Interior (1) 21-8-15 to 26-9-4, Exterior (2E) 26-9-4 to 29-9-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75,1.00,0.75; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
6) Roof design snow load has been reduced to account for slope.
7) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
8) Provide adequate drainage to prevent water ponding.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) Bearing at joint(s) 18, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 36 lb uplift at joint 18 and 23 lb uplift at joint 12.
13) This truss is designed in accordance with the 2018 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.

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	B6	Truss	5	2	Job Reference (optional)

Uniform Loads (lb/ft)

Vert: 1-6=-21, 6-7=-29, 7-11=-21, 16-18=-10, 14-16=-10, 12-14=-10

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	C1	Truss	7	1	Job Reference (optional)

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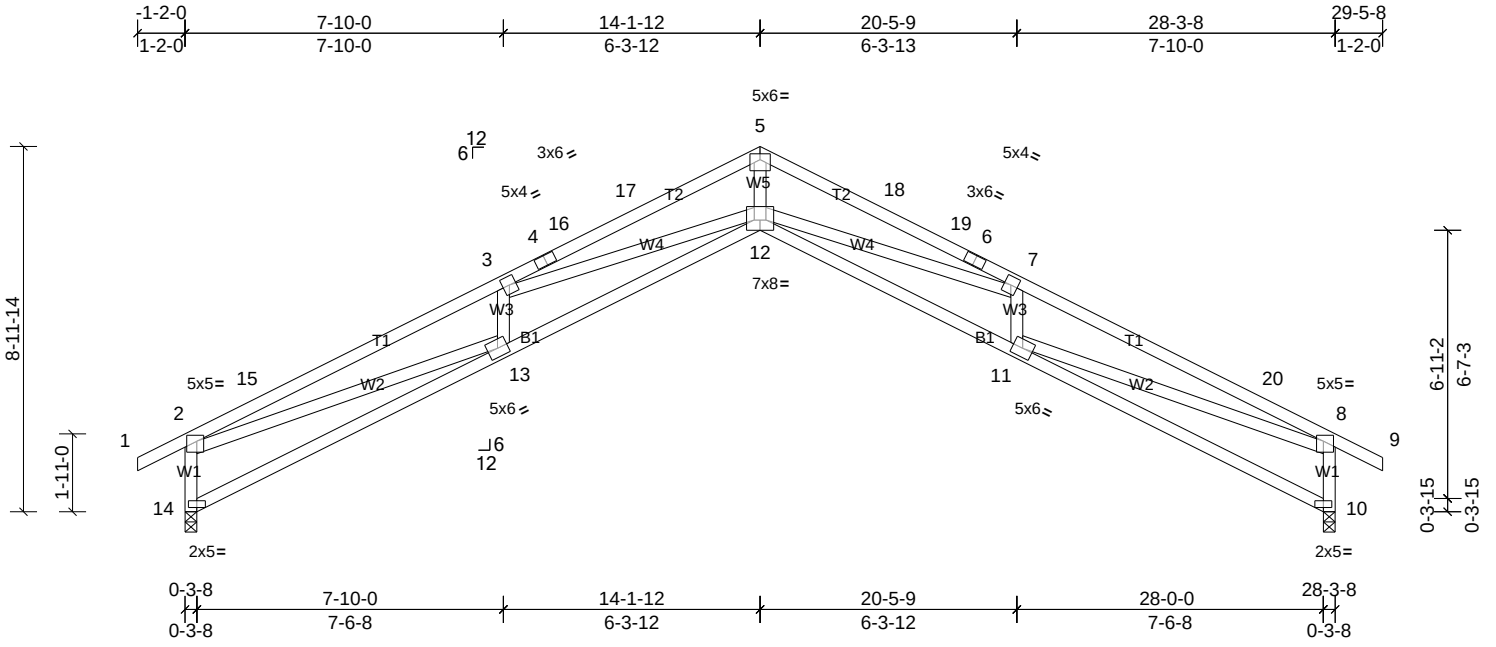

Plate Offsets (X, Y): [2:0-2-0,0-1-12], [3:0-0-0,0-0-0], [5:0-3-0,0-1-12], [8:0-2-0,0-1-12], [10:Edge,0-1-4], [12:0-4-0,0-3-1], [13:0-0-0,0-0-0], [14:Edge,0-1-4]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.96	Vert(LL)	-0.50	12	>675	240	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.92	Vert(CT)	-1.00	11-12	>336	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.80	Horz(CT)	1.08	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 152 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP SS *Except* T1:2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W5,W2:2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 10=811/0-3-7, (min. 0-1-8), 14=811/0-3-7, (min. 0-1-8)
Max Horiz 14=-111 (LC 12)
Max Uplift 10=-79 (LC 15), 14=-79 (LC 14)
Max Grav 10=958 (LC 2), 14=958 (LC 2)

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

TOP CHORD	2-14=-967/157, 2-15=-3431/227, 3-15=-3345/256, 3-4=-4043/0, 4-16=-4004/0, 16-17=-3969/7, 5-17=-3968/20, 5-18=-3968/37, 18-19=-3969/24, 6-19=-4005/14, 6-7=-4043/12, 7-20=-3345/131, 8-20=-3431/105, 8-10=-967/147
BOT CHORD	13-14=-120/256, 12-13=-244/3290, 11-12=-65/3290
WEBS	5-12=0/3268, 7-12=0/763, 7-11=-483/79, 8-11=-13/2943, 3-12=0/763, 3-13=-483/102, 2-13=-128/2943

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 11-1-12, Exterior(2R) 11-1-12 to 17-1-12, Interior (1) 17-1-12 to 26-5-8, Exterior(2E) 26-5-8 to 29-5-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=14.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 14, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 14 and 79 lb uplift at joint 10.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	C2	Truss	9	1	Job Reference (optional)

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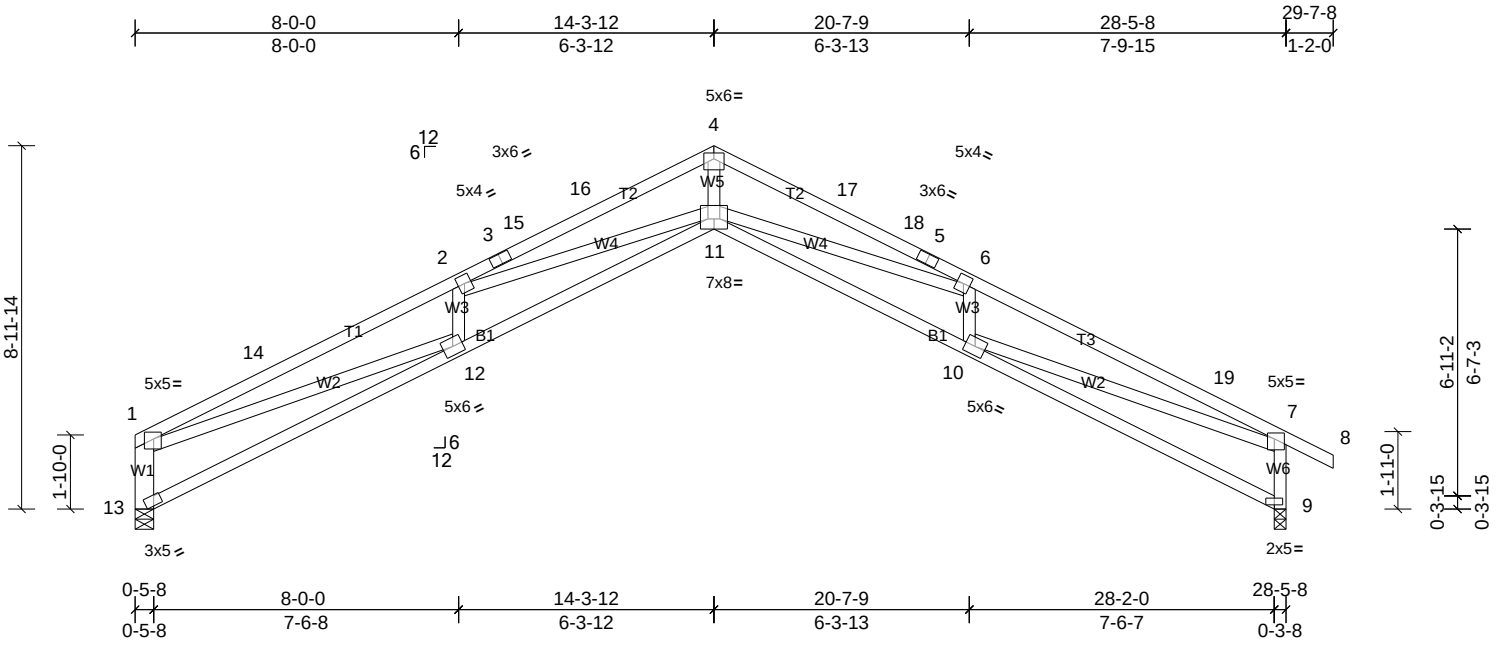

Plate Offsets (X, Y): [1:0-2-4,0-2-0], [4:0-3-0,0-1-12], [7:0-2-0,0-1-12], [9:Edge,0-1-4], [11:0-4-0,0-3-1], [13:0-2-8,0-0-15]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.97	Vert(LL)	-0.49	11	>688	240	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.98	10-11	>343	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.81	Horz(CT)	1.07	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 152 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP SS *Except* T3:2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2, W2,W5:2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 9=815/0-3-8, (min. 0-1-8), 13=762/0-5-8, (min. 0-1-8)
Max Horiz 13=-114 (LC 12)
Max Uplift 9=-79 (LC 15), 13=-61 (LC 14)
Max Grav 9=963 (LC 2), 13=897 (LC 2)

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

TOP CHORD	1-13=-898/129, 1-14=-3498/242, 2-14=-3416/262, 2-3=-4079/0, 3-15=-4041/0, 15-16=-4006/7, 4-16=-4003/20, 4-17=-4003/36, 17-18=-4005/23, 5-18=-4040/13, 5-6=-4078/11, 6-19=-3365/129, 7-19=-3452/103, 7-9=-971/146
BOT CHORD	10-11=-63/3310, 11-12=-252/3359
WEBS	1-12=-161/3024, 2-12=-491/107, 2-11=0/746, 4-11=0/3304, 6-11=0/774, 6-10=-487/79, 7-10=-12/2962

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 3-2-12, Interior (1) 3-2-12 to 11-3-12, Exterior(2R) 11-3-12 to 17-3-12, Interior (1) 17-3-12 to 26-7-8, Exterior(2E) 26-7-8 to 29-7-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=14.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 13, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 61 lb uplift at joint 13 and 79 lb uplift at joint 9.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	D1	Truss	1	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Thu Nov 30 15:18:24 Page: 1
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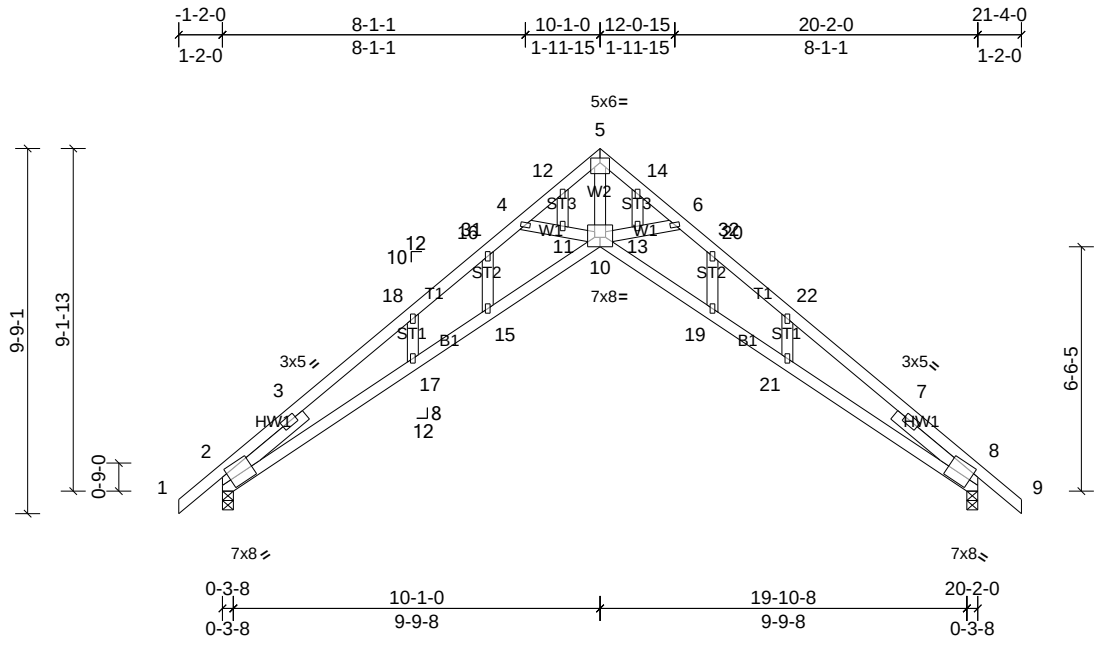


Plate Offsets (X, Y): [2:0-1-12,0-5-2], [2:0-0-0,0-0-0], [5:0-3-0,0-1-8], [8:0-1-12,0-5-2], [10:0-4-0,0-3-1]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.27	10	>910	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.84	Vert(CT)	-0.59	10	>407	180		
TCDL	18.0	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.87	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 110 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP SS
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W2:2x4 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 2-11-0, Right 2x4 SP No.3 -- 2-11-0

BRACING

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

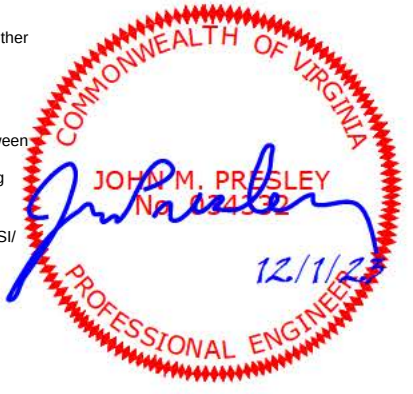
REACTIONS (lb/size) 2=844/0-3-8, (min. 0-1-8), 8=844/0-3-8, (min. 0-1-8)
Max Horiz 2=-206 (LC 10)
Max Uplift 2=-59 (LC 12), 8=-59 (LC 13)
Max Grav 2=1057 (LC 2), 8=1057 (LC 2)

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

TOP CHORD	2-3=-1254/0, 3-31=-3242/179, 4-31=-3024/208, 4-5=-2813/28, 5-6=-2788/8, 6-32=-2973/75, 7-32=-3224/49, 7-8=-1062/0
BOT CHORD	2-10=-277/3002, 8-10=0/2829
WEBS	5-10=-71/3355, 4-10=-311/323, 6-10=-363/390

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Interior (1) 1-10-0 to 7-1-0, Exterior(2R) 7-1-0 to 13-1-0, Interior (1) 13-1-0 to 18-4-0, Exterior(2E) 18-4-0 to 21-4-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=10.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75; Ct=1.00
5) Roof design snow load has been reduced to account for slope.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 1.5x3 MT20 unless otherwise indicated.
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) Bearing at joint(s) 8, 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 59 lb uplift at joint 8 and 59 lb uplift at joint 2.
13) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	D2	Truss	8	1	Job Reference (optional)

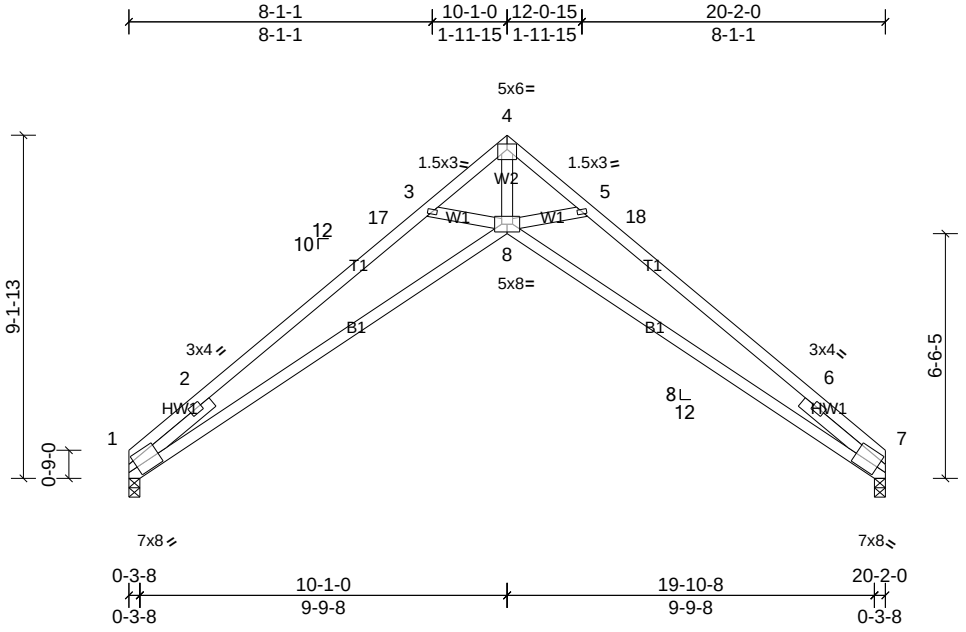


Plate Offsets (X, Y): [1:0-1-12,0-5-2], [4:0-3-0,0-1-12], [7:0-1-12,0-5-2]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.28	8	>868	240	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.52	8-11	>466	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.75	7	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 93 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.1
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W2:2x4 SP No.2
SLIDER	Left 2x4 SP No.3 -- 2-11-0, Right 2x4 SP No.3 -- 2-11-0

BRACING

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

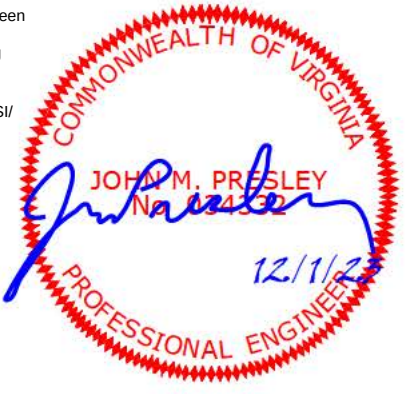
REACTIONS (lb/size) 1=616/0-3-8, (min. 0-1-8), 7=616/0-3-8, (min. 0-1-8)
Max Horiz 1=185 (LC 9)
Max Uplift 1=-38 (LC 12), 7=-38 (LC 13)
Max Grav 1=807 (LC 2), 7=807 (LC 2)

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

TOP CHORD	1-2=-1154/0, 2-17=-2705/229, 3-17=-2518/258, 3-4=-2351/82, 4-5=-2351/61, 5-18=-2507/124, 6-18=-2705/99, 6-7=-1024/0
BOT CHORD	1-8=-314/2515, 7-8=-36/2390
WEBS	4-8=-134/2832, 5-8=-316/374, 3-8=-268/317

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior (1) 3-0-0 to 7-1-0, Exterior(2R) 7-1-0 to 13-1-0, Interior (1) 13-1-0 to 17-2-0, Exterior(2E) 17-2-0 to 20-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=10.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 1 and 38 lb uplift at joint 7.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	D3	Truss	1	1	Job Reference (optional)

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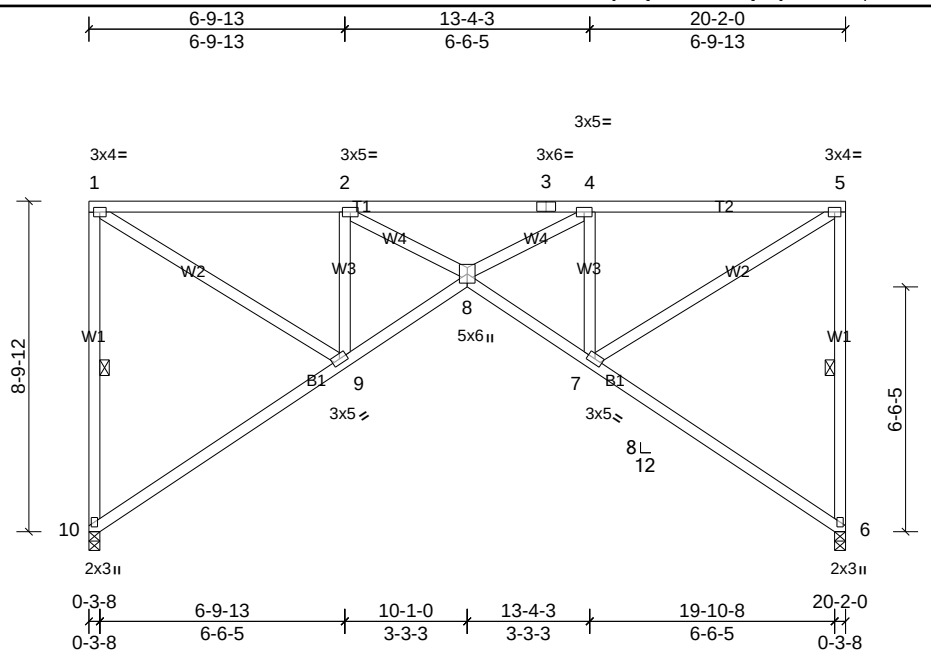

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	0.09	8	>999	240	MT20	244/190
Snow (Ps/Pg)	19.0/20.0	Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.18	9-10	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.24	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 136 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING

TOP CHORD	2-0-0 oc purlins (3-9-3 max.): 1-5, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 8-1-3 oc bracing.
WEBS	1 Row at midpt 1-10, 5-6

REACTIONS (lb/size) 6=775/0-3-8, (min. 0-1-8), 10=775/0-3-8, (min. 0-1-8)
Max Uplift 6=-103 (LC 10), 10=-103 (LC 10)
Max Grav 6=795 (LC 2), 10=795 (LC 2)

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

TOP CHORD	1-10=-741/394, 1-2=-925/418, 2-3=-1951/871, 3-4=-1951/871, 4-5=-925/418, 5-6=-741/394
BOT CHORD	8-9=-521/1112, 7-8=-521/1112
WEBS	4-8=-528/1198, 2-8=-528/1198, 4-7=-1040/613, 5-7=-487/1077, 2-9=-1040/613, 1-9=-487/1077

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=19.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
3) Roof design snow load has been reduced to account for slope.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 10, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 103 lb uplift at joint 10 and 103 lb uplift at joint 6.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	D4	Truss	1	1	Job Reference (optional)

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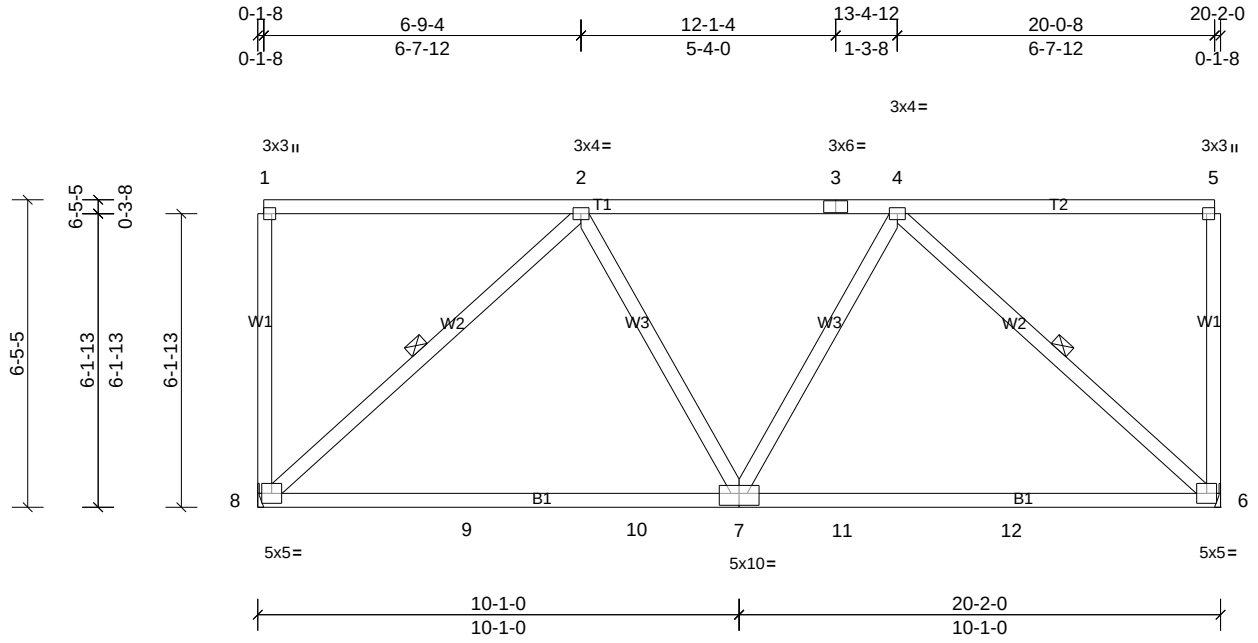

Plate Offsets (X, Y): [5:Edge,0-2-0], [7:0-5-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	-0.28	6-7	>855	240	MT20	244/190
Snow (Ps/Pg)	19.0/20.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.47	6-7	>508	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.02	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 123 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.): 1-5, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 4-6, 2-8

REACTIONS (lb/size) 6=775/ Mechanical, (min. 0-1-8), 8=775/ Mechanical, (min. 0-1-8)
Max Uplift 6=-103 (LC 8), 8=-103 (LC 8)
Max Grav 6=898 (LC 3), 8=898 (LC 3)

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

TOP CHORD	2-3=-799/256, 3-4=-799/256
BOT CHORD	8-9=-295/668, 9-10=-295/668, 7-10=-295/668, 7-11=-295/668, 11-12=-295/668, 6-12=-295/668
WEBS	4-6=-875/397, 2-8=-875/397, 2-7=0/326, 4-7=0/326

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=19.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
3) Roof design snow load has been reduced to account for slope.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 103 lb uplift at joint 8 and 103 lb uplift at joint 6.
8) This truss is designed in accordance with the 2018 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.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	D5	Truss	1	2	Job Reference (optional)

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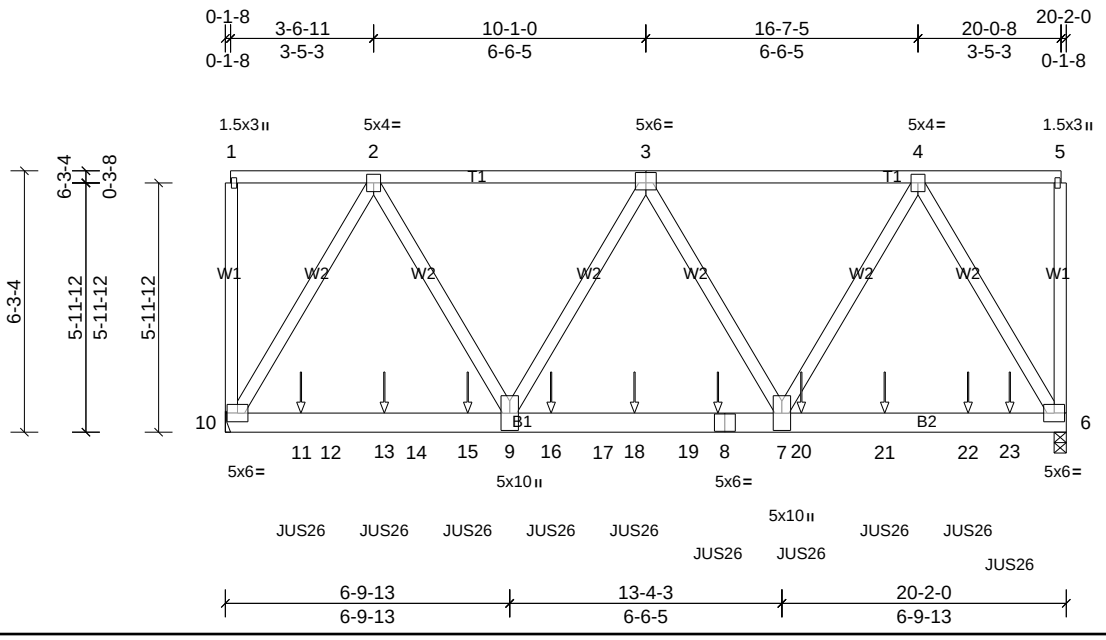


Plate Offsets (X, Y): [3:0-3-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.54	Vert(LL)	-0.10	6-7	>999	240	MT20	244/190
Snow (Ps/Pg)	19.0/20.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.20	6-7	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.76	Horz(CT)	0.02	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 301 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.1
WEBS	2x4 SP No.3

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.): 1-5, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=4450/0-3-8, (min. 0-2-10), 10=4002/ Mechanical, (min. 0-1-8)
Max Uplift 6=-839 (LC 6), 10=-749 (LC 6)
Max Grav 6=4470 (LC 25), 10=4022 (LC 25)

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

TOP CHORD 2-3=-3421/628, 3-4=-3504/644

BOT CHORD 10-11=-358/1854, 11-12=-358/1854, 12-13=-358/1854, 13-14=-358/1854, 14-15=-358/1854, 9-15=-358/1854, 9-16=-679/3578, 16-17=-679/3578, 17-18=-679/3578, 18-19=-679/3578, 8-19=-679/3578, 7-8=-679/3578, 7-20=-367/1900, 20-21=-367/1900, 21-22=-367/1900, 22-23=-367/1900, 6-23=-367/1900

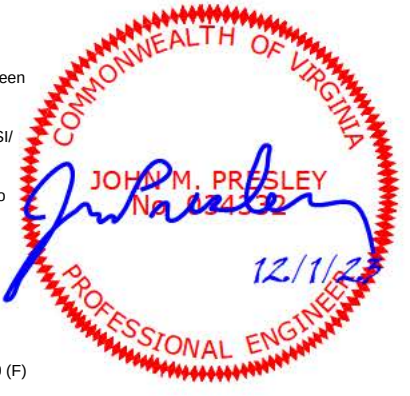
WEBS 4-7=-573/3312, 4-6=-3706/718, 3-9=-323/106, 2-9=-557/3236, 2-10=-3633/703

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=19.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
5) Roof design snow load has been reduced to account for slope.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 749 lb uplift at joint 10 and 839 lb uplift at joint 6.
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Use MiTek JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-9-12 from the left end to 18-9-12 to connect truss(es) to front face of bottom chord.
13) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-5=-58, 6-10=-20
Concentrated Loads (lb)
Vert: 8=-690 (F), 11=-690 (F), 13=-690 (F), 15=-690 (F), 16=-690 (F), 18=-690 (F), 20=-690 (F), 21=-690 (F), 22=-690 (F), 23=-690 (F)



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	E1	Truss	10	1	Job Reference (optional)

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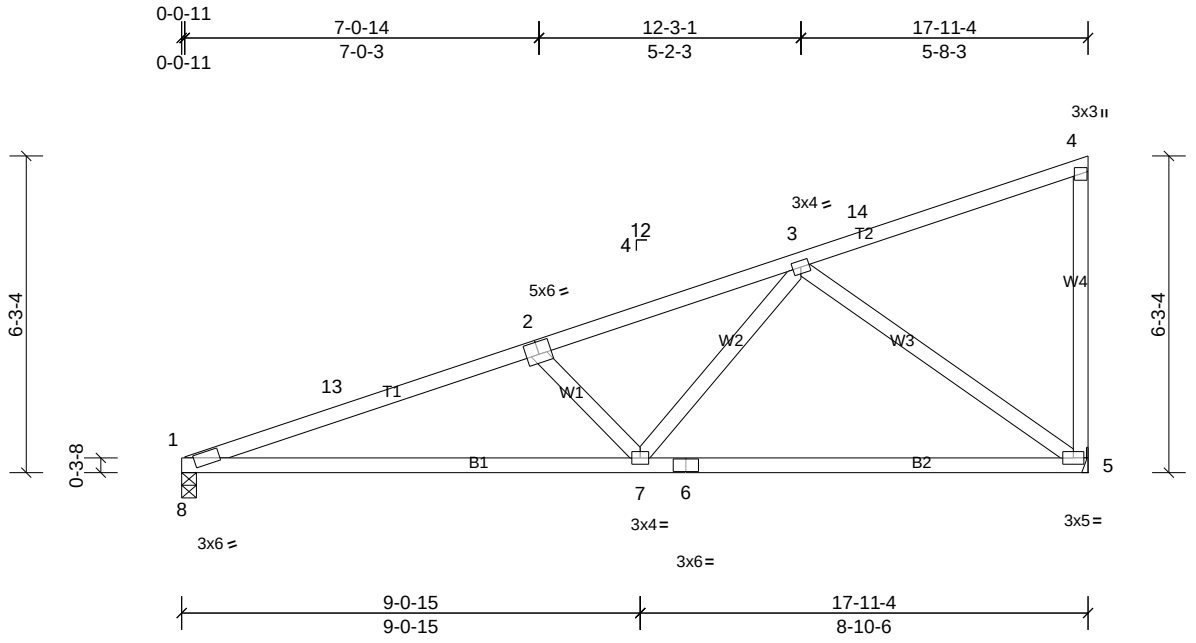


Plate Offsets (X, Y): [2:0-3-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	-0.14	5-7	>999	240	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.86	Vert(CT)	-0.29	5-7	>737	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.03	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 85 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-7-7 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=603/0-3-8, (min. 0-1-8), 5=600/ Mechanical, (min. 0-1-8)
Max Horiz 1=202 (LC 10)
Max Uplift 1=-56 (LC 10), 5=-126 (LC 10)
Max Grav 1=709 (LC 2), 5=710 (LC 20)

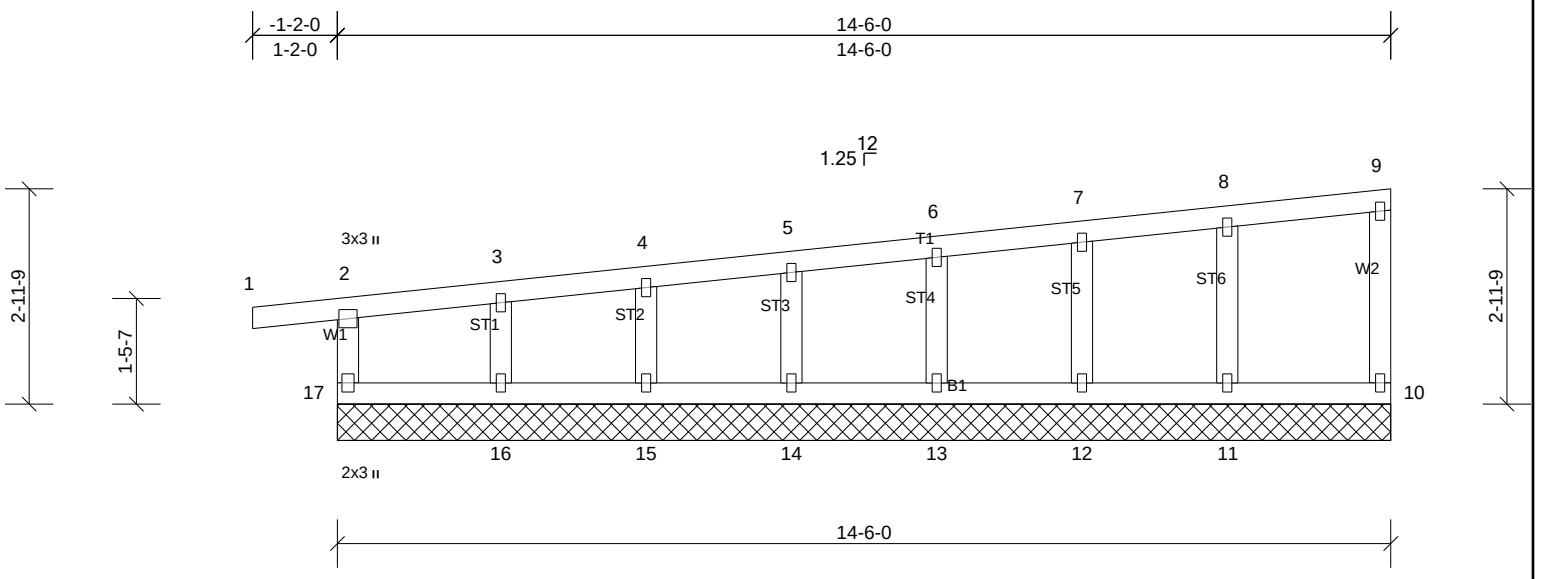
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-13=-1463/100, 2-13=-1429/115, 2-3=-1202/76
BOT CHORD	1-7=-272/1356, 6-7=-165/683, 5-6=-165/683
WEBS	2-7=-404/158, 3-7=-12/670, 3-5=-829/204

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior (1) 3-1-12 to 13-6-10, Exterior(2R) 13-6-10 to 17-9-8 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=14.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 126 lb uplift at joint 5 and 56 lb uplift at joint 1.
8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	H1	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 65 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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.

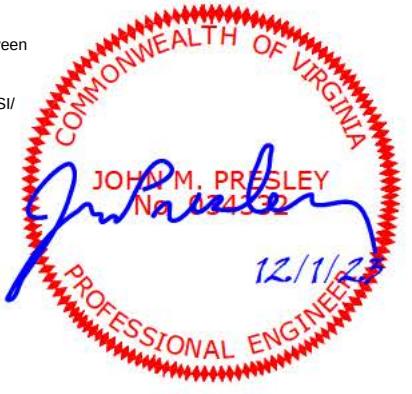
REACTIONS All bearings 14-6-0.

(lb) - Max Horiz 17=53 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 10, 11, 12, 13, 14, 15, 16, 17
Max Grav All reactions 250 (lb) or less at joint(s) 10, 11, 12, 13, 14, 15, 16, 17

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

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) zone; cantilever left and right exposed ; end vertical left exposed;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.
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=14.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00; Min. flat roof snow load governs.
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 1.5x3 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
10) Gable studs spaced at 2-0-0 oc.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17, 10, 14, 13, 15, 16, 12, 11.
14) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	H2	Truss	7	1	Job Reference (optional)

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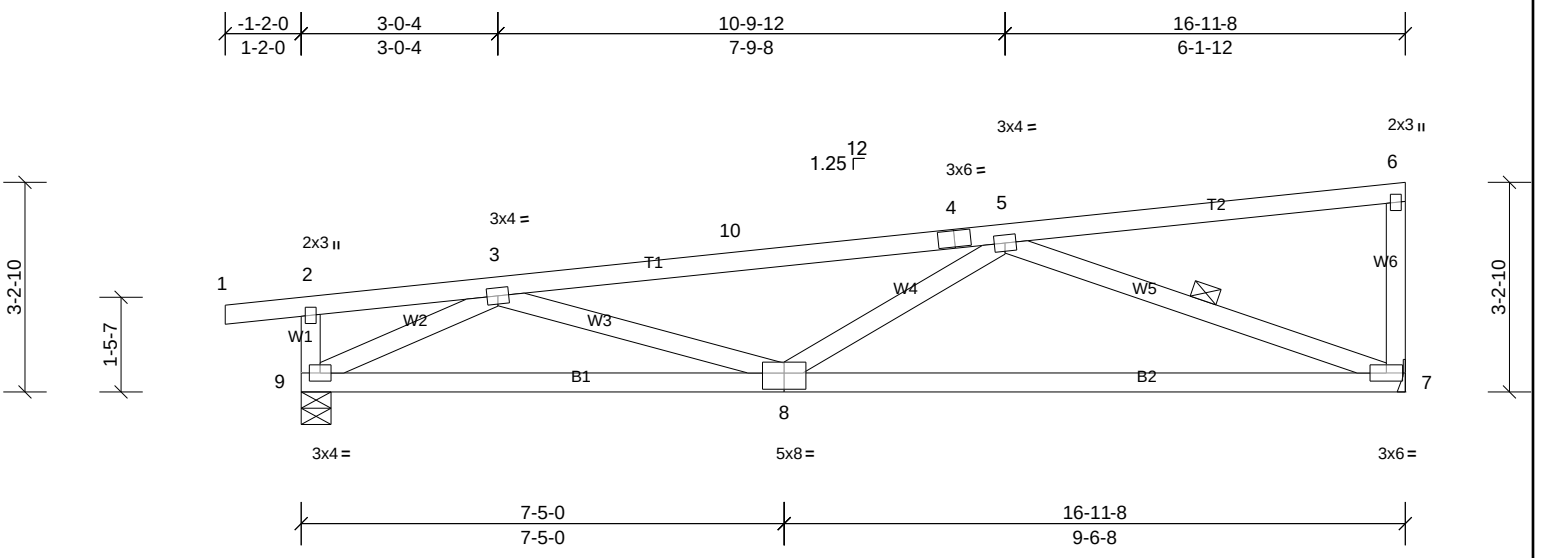


Plate Offsets (X, Y): [8:0-4-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	-0.21	7-8	>964	240	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.84	Vert(CT)	-0.43	7-8	>464	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.03	7	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 84 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

REACTIONS (lb/size) 7=564/ Mechanical, (min. 0-1-8), 9=632/0-5-8, (min. 0-1-8)
Max Horiz 9=58 (LC 11)
Max Uplift 7=-93 (LC 14), 9=-126 (LC 10)
Max Grav 7=664 (LC 2), 9=749 (LC 2)

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

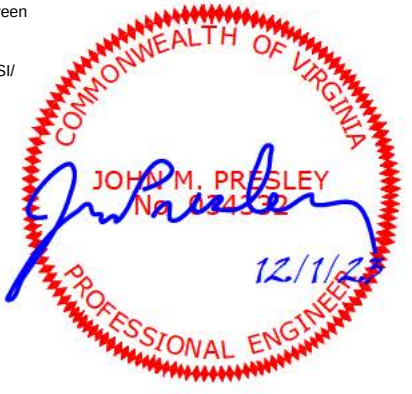
TOP CHORD	3-10=-1399/558, 4-10=-1375/558, 4-5=-1355/563
BOT CHORD	8-9=-774/1158, 7-8=-725/1193
WEBS	3-8=0/421, 5-8=0/450, 5-7=-1230/772, 3-9=-1308/767

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-9-14 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-6-5 oc bracing.
WEBS	1 Row at midpt 5-7

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=14.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00; Min. flat roof snow load governs.
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 93 lb uplift at joint 7 and 126 lb uplift at joint 9.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	K1	Truss	14	1	Job Reference (optional)

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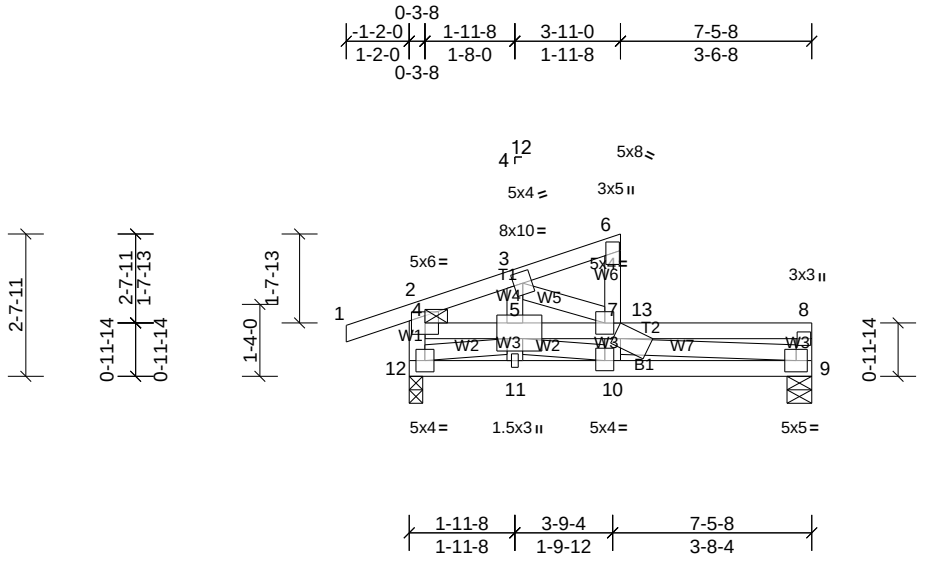


Plate Offsets (X, Y): [4:Edge,0-0-1], [5:0-2-4,0-2-12], [7:0-3-2,Edge], [10:0-2-0,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	0.10	9-10	>866	240	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.89	Vert(CT)	-0.12	9-10	>712	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.76	Horz(CT)	0.02	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 48 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3

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.): 7-10, 4-8.
BOT CHORD	Rigid ceiling directly applied or 4-7-10 oc bracing.

REACTIONS (lb/size) 9=770/0-5-8, (min. 0-1-8), 12=816/0-3-0, (min. 0-1-8)
Max Horiz 12=56 (LC 11)
Max Uplift 9=-113 (LC 14), 12=-141 (LC 10)
Max Grav 9=798 (LC 2), 12=880 (LC 2)

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

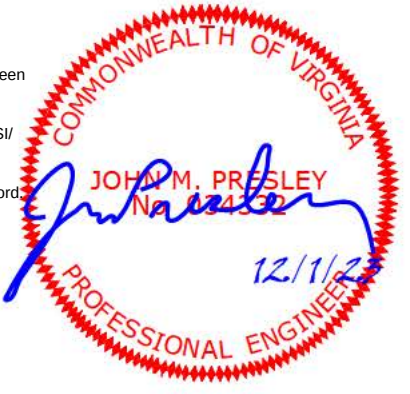
TOP CHORD	2-3=-543/302, 7-10=-811/544, 4-5=-231/532, 5-7=-2365/1365, 7-13=-323/192, 8-13=-323/192, 4-12=-395/293, 2-4=-368/278
BOT CHORD	11-12=-722/1159, 10-11=-722/1159, 9-10=-1703/2855
WEBS	6-7=-1166/642, 3-7=-570/390, 3-5=-222/429, 5-10=-1061/1852, 5-12=-1301/668, 7-9=-2581/1540

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-9, Exterior(2R) 1-10-9 to 4-3-12, Exterior(2E) 4-3-12 to 7-3-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (14.0 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 113 lb uplift at joint 9 and 141 lb uplift at joint 12.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1128 lb down and 586 lb up at 3-9-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-48, 2-6=-48, 7-8=-58, 9-12=-20
Concentrated Loads (lb)
Vert: 6=-1000



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	K2	Truss	6	1	Job Reference (optional)

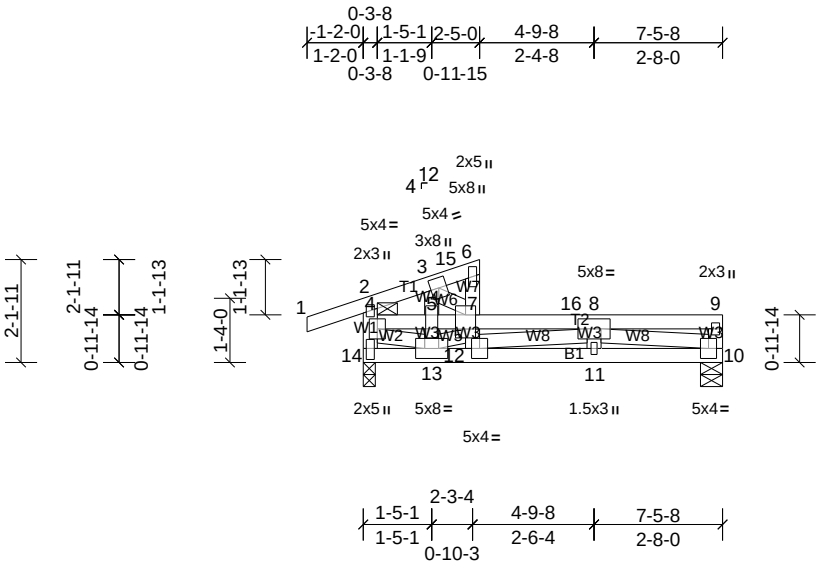


Plate Offsets (X, Y): [14:0-2-12,0-1-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	0.06	11-12	>999	240	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.72	Vert(CT)	-0.07	11-12	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.49	Horz(CT)	0.01	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 43 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-9-8 max.): 7-12, 4-9.
BOT CHORD	Rigid ceiling directly applied or 5-2-15 oc bracing.

REACTIONS (lb/size) 10=508/0-5-8, (min. 0-1-8), 14=893/0-3-0, (min. 0-1-8)
Max Horiz 14=44 (LC 11)
Max Uplift 10=-71 (LC 11), 14=-128 (LC 10)
Max Grav 10=522 (LC 2), 14=950 (LC 2)

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

TOP CHORD	2-3=-313/165, 7-12=-280/200, 4-5=-799/490, 5-7=-761/468, 7-16=-2150/1283, 8-16=-2150/1283, 4-14=-903/559, 2-4=-286/233
BOT CHORD	12-13=-1235/2070, 11-12=-864/1466, 10-11=-864/1466
WEBS	6-7=-933/507, 8-10=-1398/825, 8-12=-435/775, 3-7=-389/252, 3-5=-224/396, 5-13=-196/339, 4-13=-632/1202, 7-13=-1316/744

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Exterior(2R) 1-10-0 to 4-3-12, Exterior(2E) 4-3-12 to 7-3-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (14.0 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 71 lb uplift at joint 10 and 128 lb uplift at joint 14.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 902 lb down and 469 lb up at 2-3-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-48, 2-6=-48, 7-9=-58, 10-14=-20
Concentrated Loads (lb)
Vert: 6=-800

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	K3	Truss	4	1	Job Reference (optional)

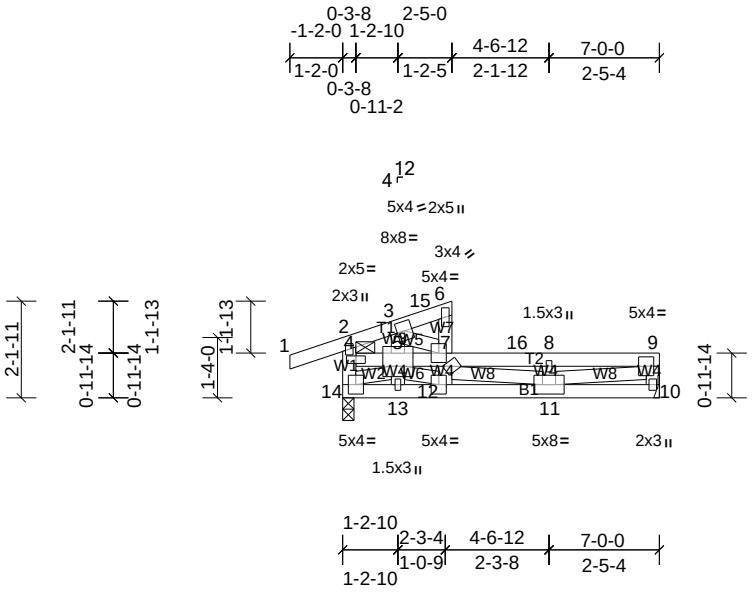


Plate Offsets (X, Y): [5:0-4-0,0-2-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	0.05	11-12	>999	240	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.06	11-12	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.54	Horz(CT)	0.01	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 41 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-10-0 max.): 7-12, 4-9.
BOT CHORD	Rigid ceiling directly applied or 5-2-10 oc bracing.

REACTIONS (lb/size) 10=505/ Mechanical, (min. 0-1-8), 14=860/0-3-0, (min. 0-1-8)
Max Horiz 14=44 (LC 11)
Max Uplift 10=-70 (LC 11), 14=-127 (LC 10)
Max Grav 10=520 (LC 2), 14=916 (LC 2)

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

TOP CHORD	2-3=-288/159, 7-12=-800/504, 5-7=-1712/1030, 7-16=-1350/824, 8-16=-1350/824, 8-9=-1350/824, 9-10=-468/308, 4-14=-317/255, 2-4=-280/236
BOT CHORD	13-14=-580/881, 12-13=-580/881, 11-12=-1261/2051
WEBS	6-7=-930/524, 5-12=-762/1316, 5-14=-1051/564, 3-5=-181/307, 3-7=-326/219, 9-11=-794/1299, 7-11=-781/457

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-0 to 1-10-0, Exterior(2R) 1-10-0 to 3-10-4, Exterior(2E) 3-10-4 to 6-10-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (14.0 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00, Lu=0-0-0; Min. flat roof snow load governs. Rain surcharge applied to all exposed surfaces with slopes less than 0.500/12 in accordance with IBC 1608.3.4.
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 10 and 127 lb uplift at joint 14.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 902 lb down and 483 lb up at 2-3-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-48, 2-6=-48, 7-9=-58, 10-14=-20
Concentrated Loads (lb)
Vert: 6=-800

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	K5	Truss	1	1	Job Reference (optional)

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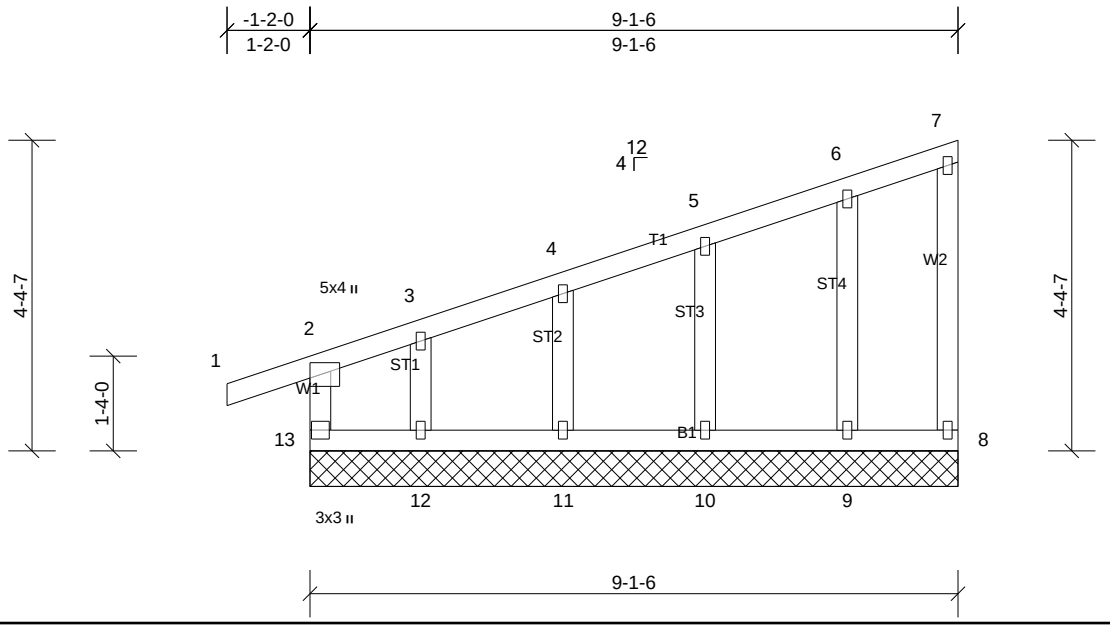


Plate Offsets (X, Y): [2:0-2-0,0-1-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	14.0/20.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 50 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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.

REACTIONS All bearings 9-1-6.

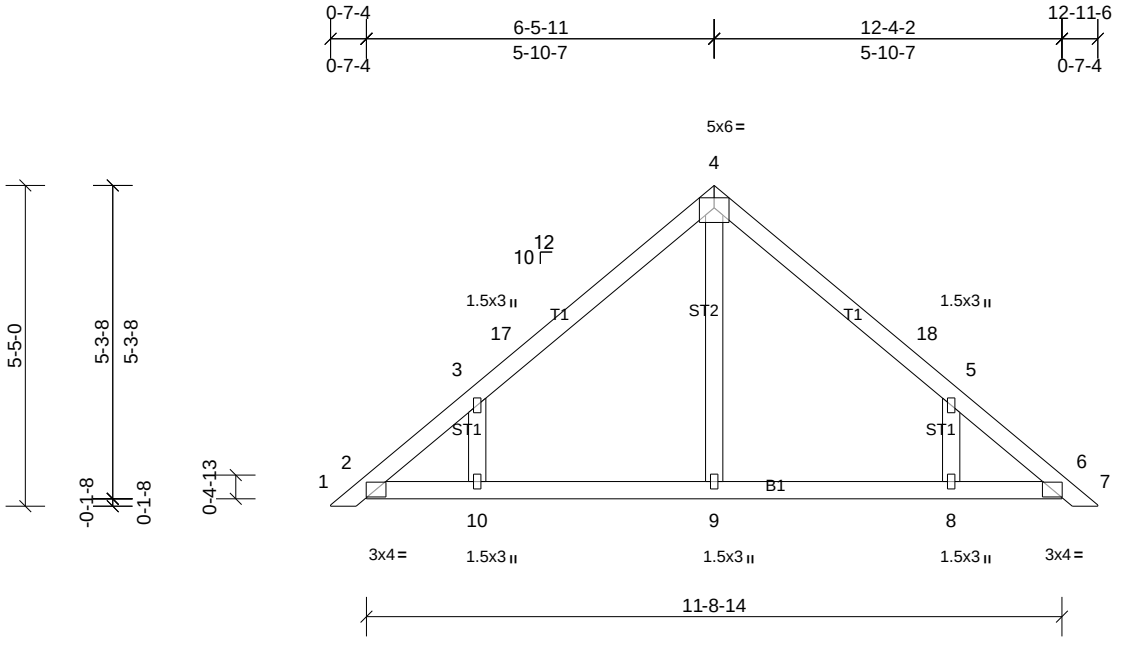
(lb) - Max Horiz 13=106 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 8, 9, 10, 11 except 12=-122 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 8, 9, 10, 11, 12, 13

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

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-2-0 to 1-6-11, Exterior(2N) 1-6-11 to 5-11-10, Corner(3E) 5-11-10 to 8-11-10 zone; cantilever left and right exposed ; end vertical left exposed;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.
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=14.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 1.5x3 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
10) Gable studs spaced at 2-0-0 oc.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 11, 10, 9 except (jt=lb) 12=121.
14) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	PB1	Truss	3	1	Job Reference (optional)



Loading	(psf)	Spacing	1-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.00	7	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 54 lb	FT = 20%

LUMBER

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

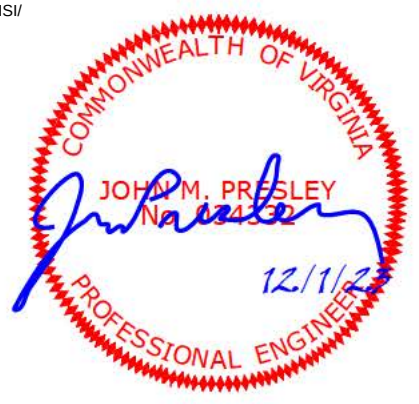
REACTIONS All bearings 13-0-0.

(lb) - Max Horiz 1=-57 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 6, 7, 8, 10, 14
Max Grav All reactions 250 (lb) or less at joint(s) 1, 2, 6, 7, 8, 9, 10, 11, 14

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 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-14 to 3-2-14, Exterior(2R) 3-2-14 to 9-9-2, Exterior(2E) 9-9-2 to 12-9-2 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=10.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75; Ct=1.00
5) Roof design snow load has been reduced to account for slope.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 6, 10, 8, 6.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1.
12) See standard piggyback truss connection detail for connection to base truss.



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	PB2	Truss	6	2	Job Reference (optional)

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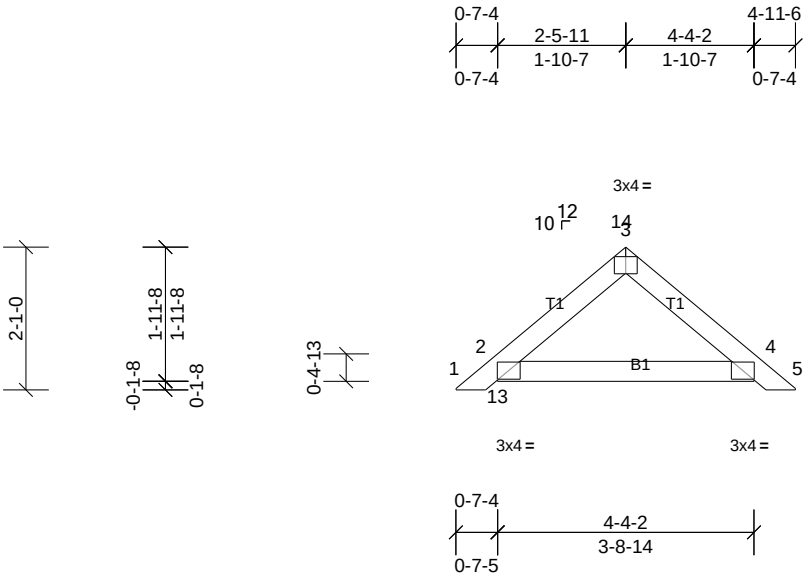


Plate Offsets (X, Y): [3:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 30 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

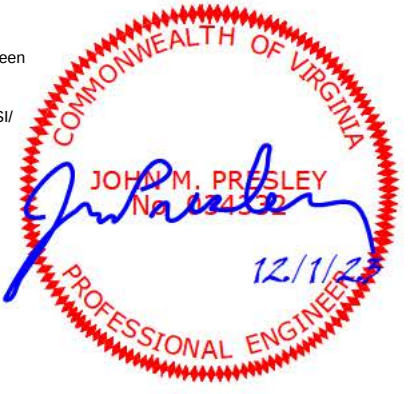
REACTIONS All bearings 5-0-0.

(lb) - Max Horiz 1=41 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 2, 4, 5, 6, 12
Max Grav All reactions 250 (lb) or less at joint(s) 1, 4, 5, 12 except 2=339 (LC 24), 6=339 (LC 24)

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

NOTES

1) 2-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Truss designed for wind loads in the plane of the truss only.
6) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=10.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75; Ct=1.00
7) Roof design snow load has been reduced to account for slope.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 4-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 2, 4, 2, 4.
13) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
14) See standard piggyback truss connection detail for connection to base truss.



Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V1	Truss	1	1	Job Reference (optional)

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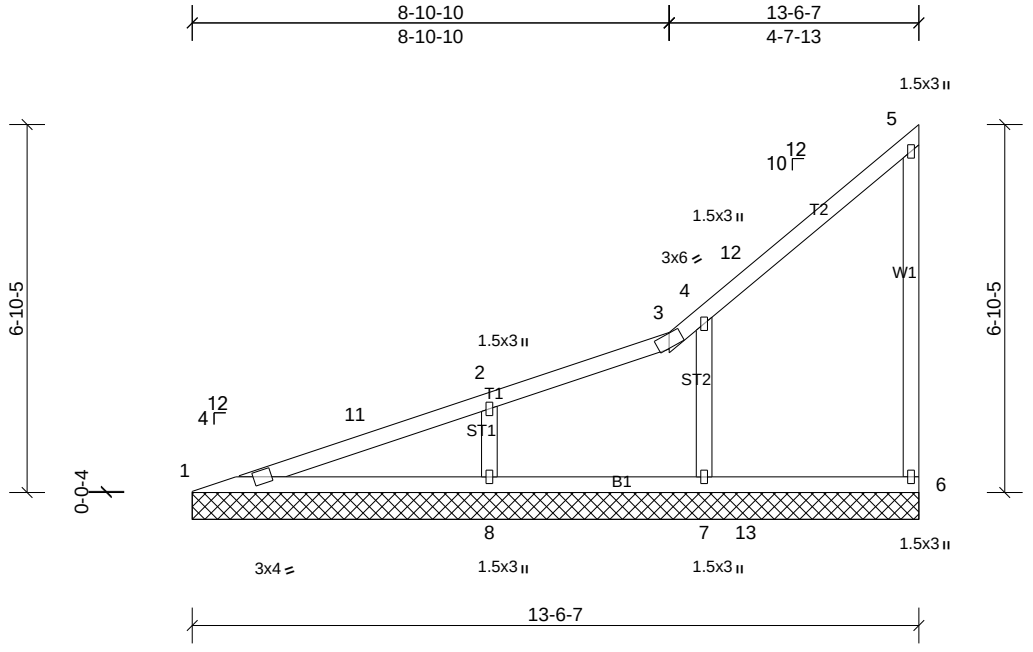

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.32	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.01	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 58 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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.

REACTIONS All bearings 13-6-7.

(lb) - Max Horiz 1=225 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 6, 7, 8
Max Grav All reactions 250 (lb) or less at joint(s) 1, 6 except 7=357 (LC 27), 8=500 (LC 5)

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

TOP CHORD	1-11=-394/96, 2-11=-272/109
BOT CHORD	1-8=-210/367
WEBS	2-8=-347/124

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-12 to 3-0-12, Interior (1) 3-0-12 to 10-5-7, Exterior(2E) 10-5-7 to 13-5-7 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75; Ct=1.00
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 1, 7, 8.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-3=-48, 3-5=-41, 1-6=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V2	Truss	1	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Thu Nov 30 15:18:29 Page: 1
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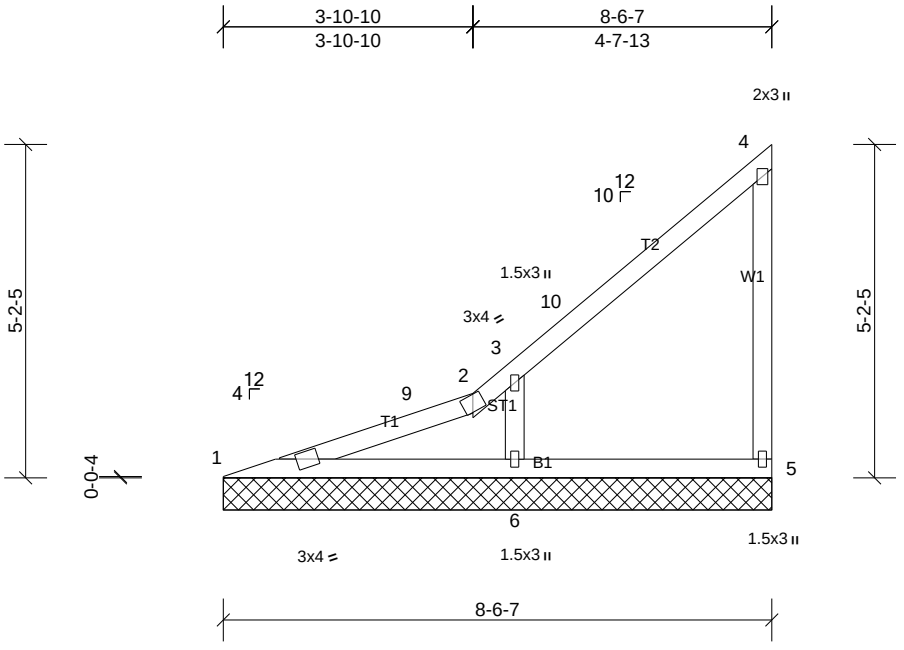

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.24	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 35 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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.

REACTIONS (lb/size) 1=126/8-6-7, (min. 0-1-8), 5=85/8-6-7, (min. 0-1-8), 6=329/8-6-7, (min. 0-1-8)
Max Horiz 1=168 (LC 14)
Max Uplift 1=-20 (LC 10), 5=-63 (LC 14), 6=-55 (LC 14)
Max Grav 1=171 (LC 20), 5=136 (LC 27), 6=410 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-9=-340/86, 2-9=-271/99, 2-3=-288/127
BOT CHORD 1-6=-172/314
WEBS 3-6=-280/239

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-12 to 3-0-12, Interior (1) 3-0-12 to 5-5-7, Exterior(2E) 5-5-7 to 8-5-7 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75; Ct=1.00
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 5, 20 lb uplift at joint 1 and 55 lb uplift at joint 6.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-48, 2-4=-41, 1-5=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V3	Truss	1	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Thu Nov 30 15:18:30 Page: 1
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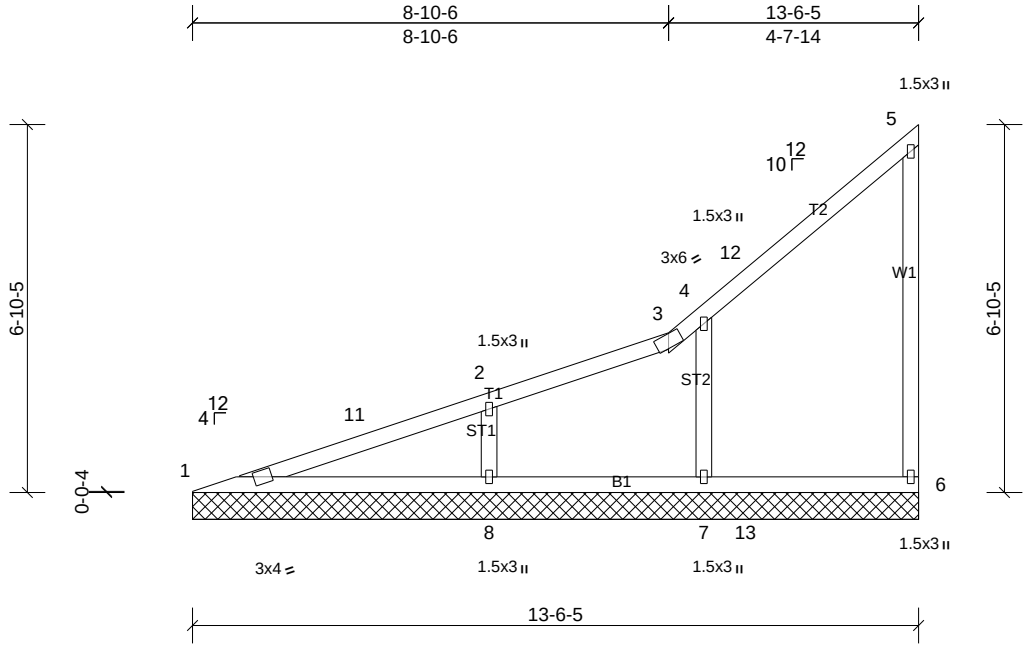

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.32	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.01	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 58 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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.

REACTIONS All bearings 13-6-5.

(lb) - Max Horiz 1=225 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 6, 7, 8
Max Grav All reactions 250 (lb) or less at joint(s) 1, 6 except 7=357 (LC 27), 8=499 (LC 5)

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

TOP CHORD	1-11=-393/96, 2-11=-273/109
BOT CHORD	1-8=-209/366
WEBS	2-8=-346/124

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-12 to 3-0-12, Interior (1) 3-0-12 to 10-5-5, Exterior(2E) 10-5-5 to 13-5-5 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75; Ct=1.00
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 1, 7, 8.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-3=-48, 3-5=-41, 1-6=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V4	Truss	1	1	Job Reference (optional)

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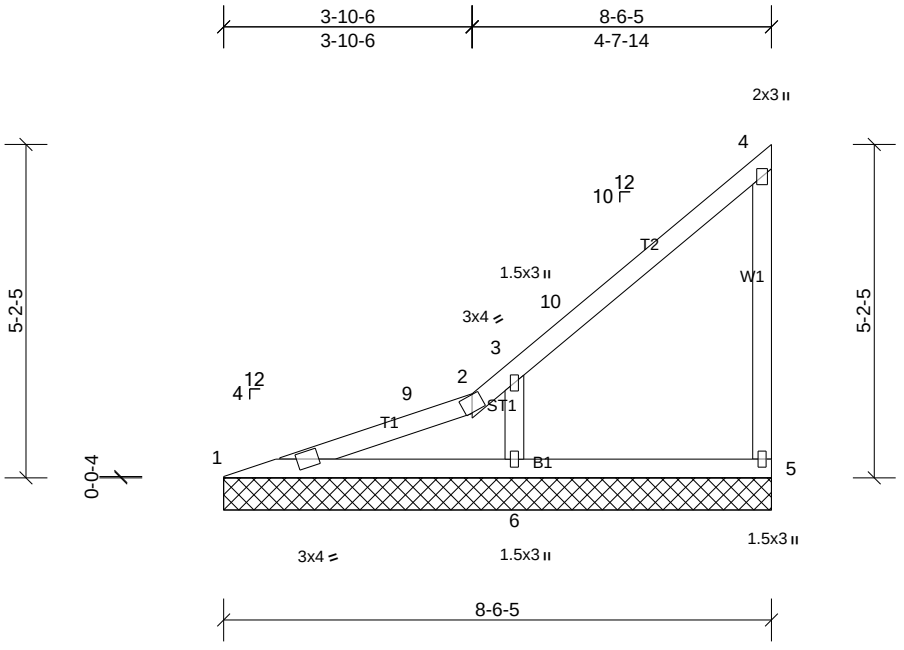


Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.24	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 35 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

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.

REACTIONS (lb/size) 1=125/8-6-5, (min. 0-1-8), 5=85/8-6-5, (min. 0-1-8), 6=329/8-6-5, (min. 0-1-8)
Max Horiz 1=168 (LC 14)
Max Uplift 1=-20 (LC 10), 5=-63 (LC 14), 6=-55 (LC 14)
Max Grav 1=171 (LC 20), 5=136 (LC 27), 6=410 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-9=-338/87, 2-9=-271/99, 2-3=-288/127
BOT CHORD 1-6=-171/313
WEBS 3-6=-280/240

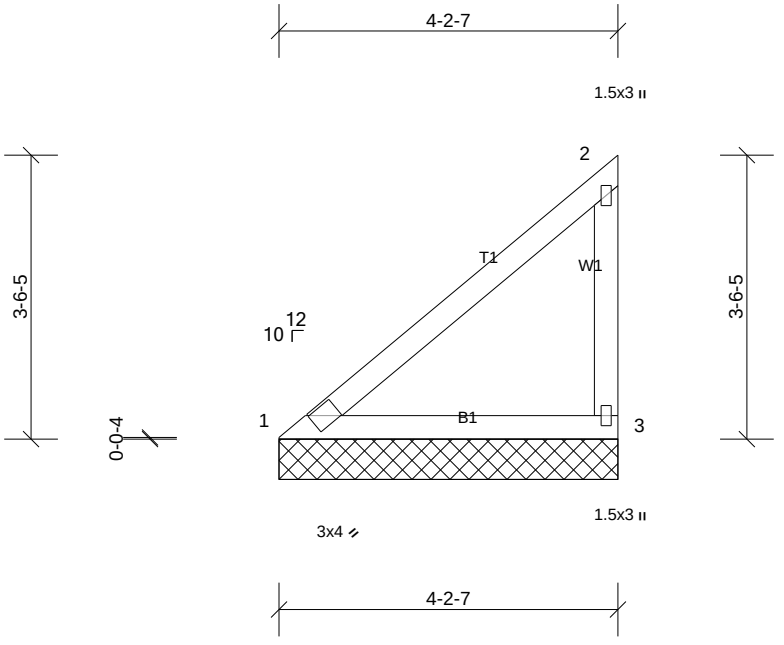
NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-12 to 3-0-12, Interior (1) 3-0-12 to 5-5-5, Exterior(2E) 5-5-5 to 8-5-5 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps= varies (10.6 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00,0.75; Ct=1.00
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 5, 20 lb uplift at joint 1 and 55 lb uplift at joint 6.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-48, 2-4=-41, 1-5=-20

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V5	Truss	2	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.23	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 18 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-2-7 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

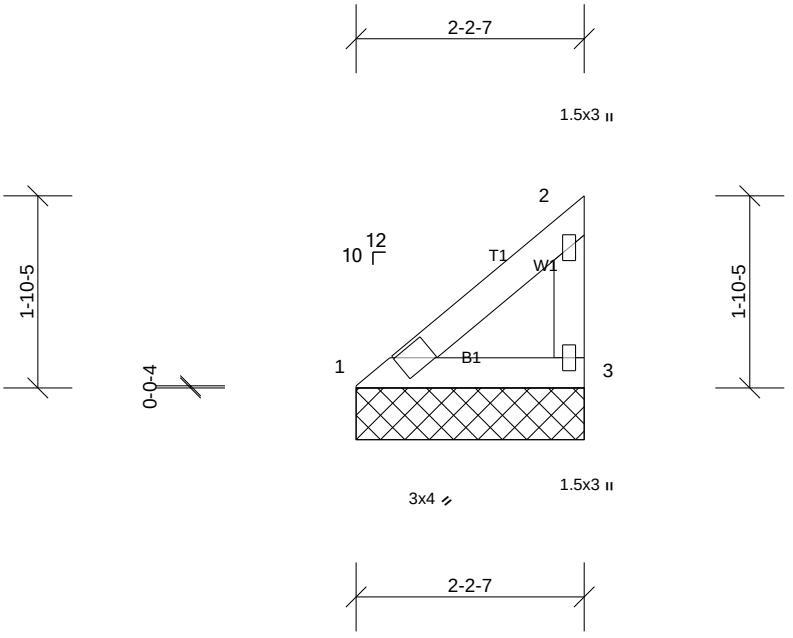
REACTIONS (lb/size) 1=124/4-2-7, (min. 0-1-8), 3=124/4-2-7, (min. 0-1-8)
Max Horiz 1=111 (LC 12)
Max Uplift 3=-65 (LC 12)
Max Grav 1=162 (LC 2), 3=173 (LC 23)

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

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=10.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75; Ct=1.00
3) Roof design snow load has been reduced to account for slope.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 65 lb uplift at joint 3.
8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V6	Truss	2	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	10.6/20.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 9 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-12 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=63/2-2-7, (min. 0-1-8), 3=63/2-2-7, (min. 0-1-8)
Max Horiz 1=53 (LC 12)
Max Uplift 3=-31 (LC 12)
Max Grav 1=82 (LC 2), 3=87 (LC 23)

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

NOTES

1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=10.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.75; Ct=1.00
3) Roof design snow load has been reduced to account for slope.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 3.
8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V7	Truss	1	1	Job Reference (optional)

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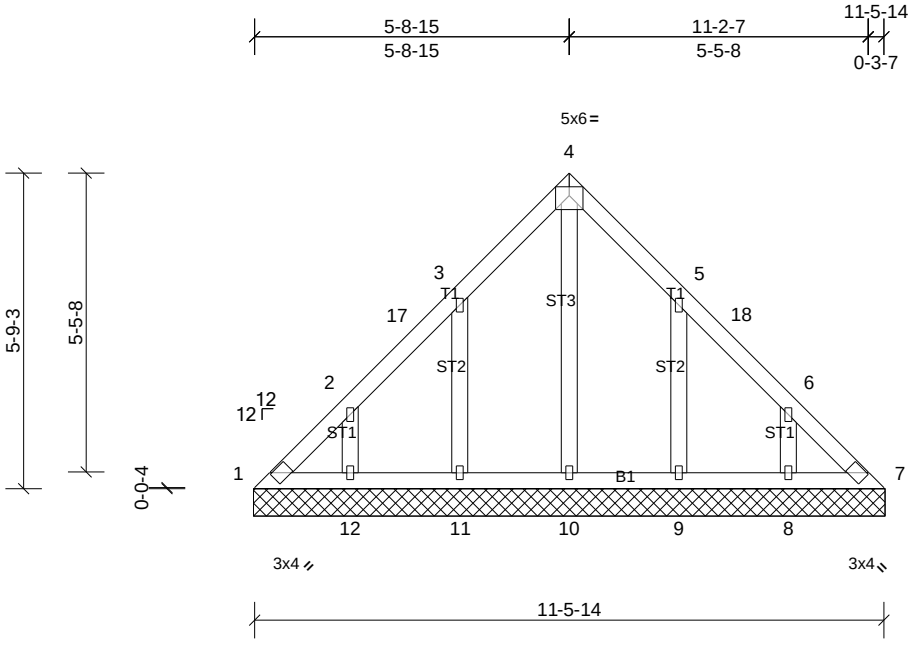

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.03	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	7	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 61 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	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 All bearings 11-6-6.

(lb) - Max Horiz 1=-122 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 8, 9, 11, 12
Max Grav All reactions 250 (lb) or less at joint(s) 1, 7, 8, 9, 10, 11, 12

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 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) 0-0-0 to 3-0-0, Corner(3R) 3-0-0 to 8-6-6, Corner(3E) 8-6-6 to 11-6-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.8 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
5) Roof design snow load has been reduced to account for slope.
6) All plates are 1.5x3 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11, 12, 9, 8.
12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 7.
13) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V8	Truss	1	1	Job Reference (optional)

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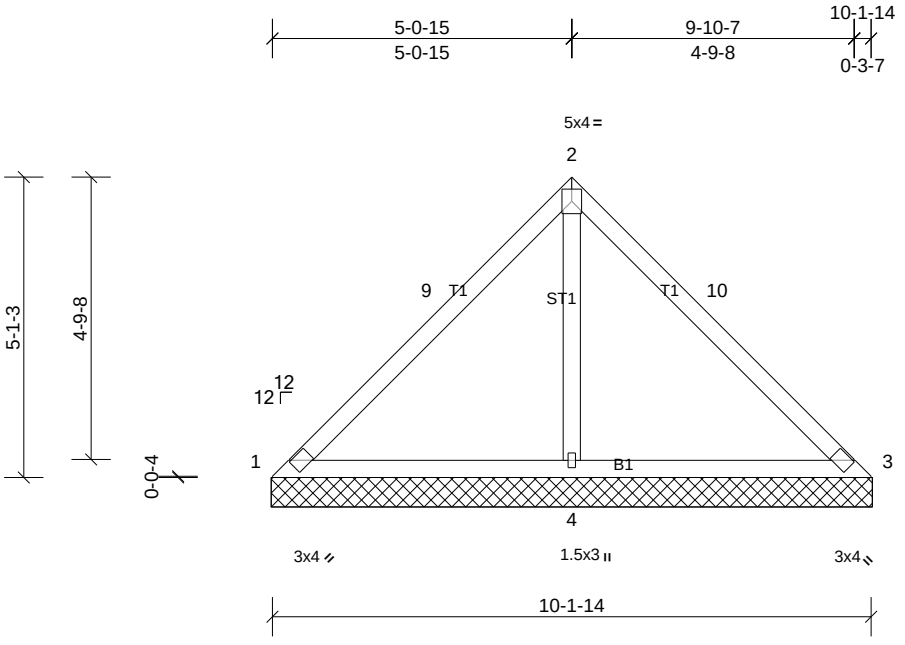

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.29	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.27	Horiz(TL)	0.01	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 42 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

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

REACTIONS (lb/size) 1=14/10-2-6, (min. 0-1-8), 3=14/10-2-6, (min. 0-1-8), 4=558/10-2-6, (min. 0-1-8)
Max Horiz 1=-108 (LC 10)
Max Uplift 1=-36 (LC 30), 3=-36 (LC 29), 4=-139 (LC 12)
Max Grav 1=66 (LC 29), 3=66 (LC 30), 4=772 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-9=-126/321, 2-10=-126/321
WEBS 2-4=-592/330

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 3-0-0, Exterior(2R) 3-0-0 to 7-2-6, Exterior(2E) 7-2-6 to 10-2-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.7 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 36 lb uplift at joint 1, 36 lb uplift at joint 3 and 139 lb uplift at joint 4.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 3.
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V9	Truss	1	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Thu Nov 30 15:18:31 Page: 1
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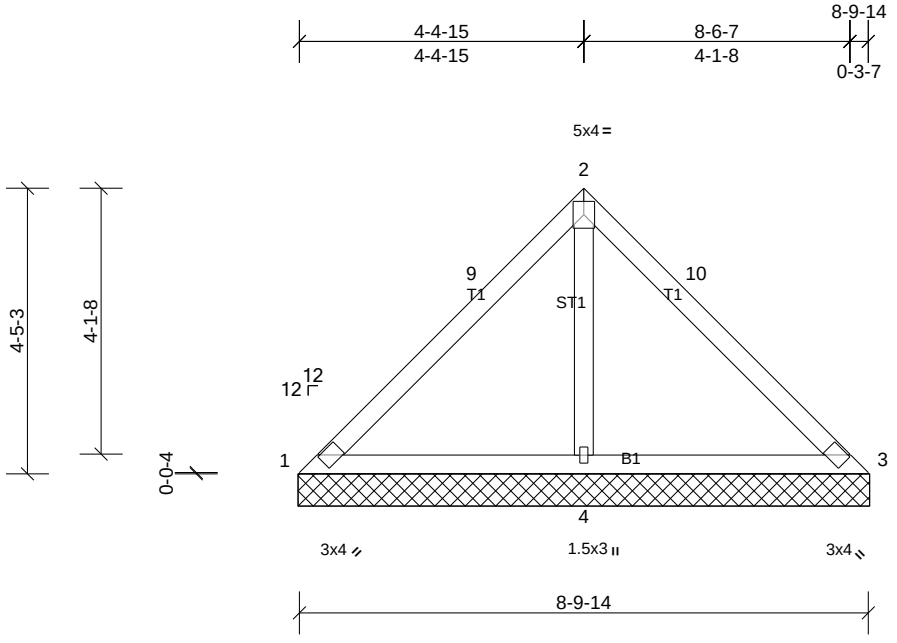


Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.22	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 36 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 8-9-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

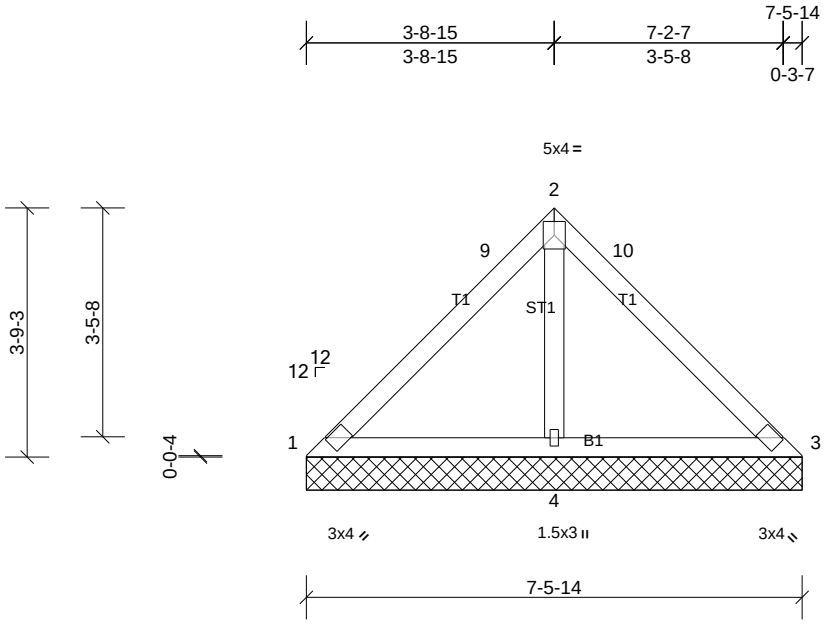
REACTIONS (lb/size) 1=27/8-10-6, (min. 0-1-8), 3=27/8-10-6, (min. 0-1-8), 4=455/8-10-6, (min. 0-1-8)
Max Horiz 1=-93 (LC 8)
Max Uplift 1=-16 (LC 30), 3=-16 (LC 29), 4=-104 (LC 12)
Max Grav 1=73 (LC 29), 3=73 (LC 30), 4=629 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-469/272

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 3-0-0, Exterior(2R) 3-0-0 to 5-10-6, Exterior(2E) 5-10-6 to 8-10-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.7 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 16 lb uplift at joint 1, 16 lb uplift at joint 3 and 104 lb uplift at joint 4.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 3.
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V10	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.10	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 30 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 7-5-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

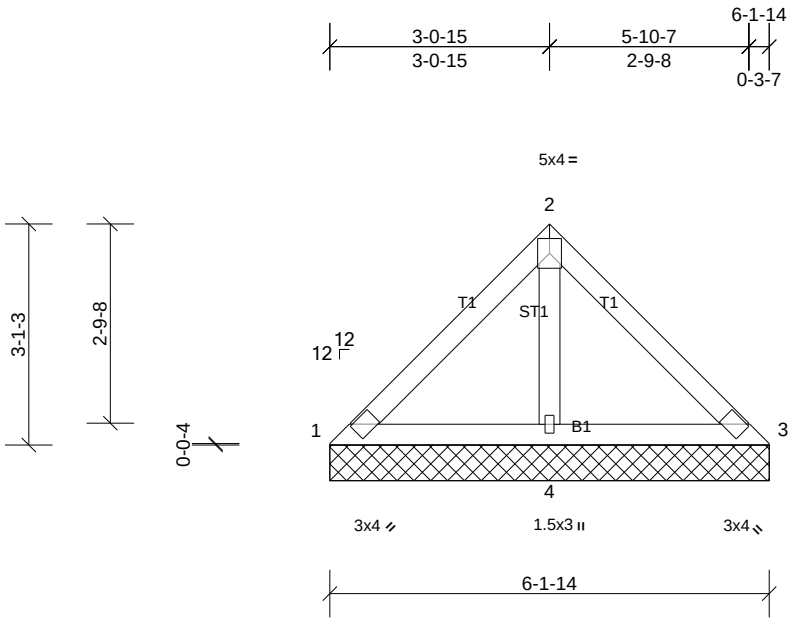
REACTIONS (lb/size) 1=38/7-5-14, (min. 0-1-8), 3=38/7-5-14, (min. 0-1-8), 4=354/7-5-14, (min. 0-1-8)
Max Horiz 1=-78 (LC 8)
Max Uplift 4=-72 (LC 12)
Max Grav 1=78 (LC 29), 3=78 (LC 30), 4=488 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-348/206

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Exterior(2R) 3-0-4 to 4-6-2, Exterior(2E) 4-6-2 to 7-6-2 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.7 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 72 lb uplift at joint 4.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V11	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.11	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 24 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-1-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=42/6-1-14, (min. 0-1-8), 3=42/6-1-14, (min. 0-1-8), 4=271/6-1-14, (min. 0-1-8)
Max Horiz 1=64 (LC 11)
Max Uplift 4=-49 (LC 12)
Max Grav 1=74 (LC 29), 3=74 (LC 30), 4=374 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-253/147

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.8 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 4.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V12	Truss	1	1	Job Reference (optional)

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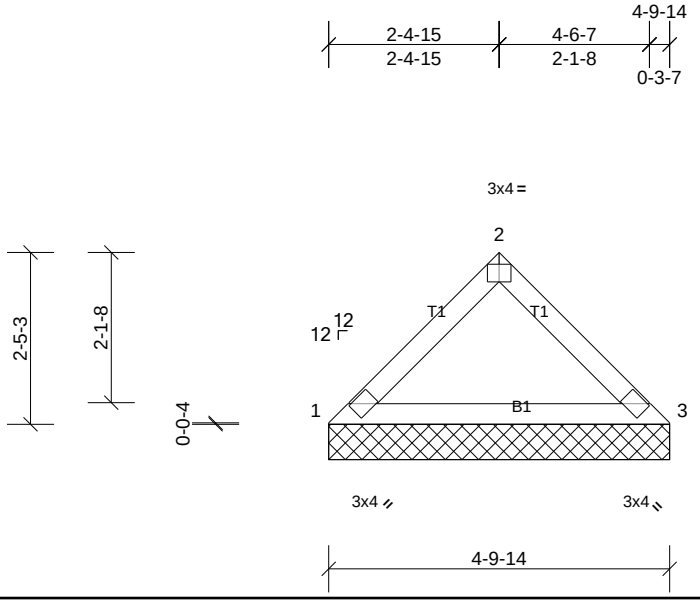

Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.01	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 16 lb	FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=139/4-9-14, (min. 0-1-8), 3=139/4-9-14, (min. 0-1-8)
Max Horiz 1=-49 (LC 8)
Max Uplift 1=-9 (LC 12), 3=-9 (LC 13)
Max Grav 1=193 (LC 2), 3=193 (LC 2)

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

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.8 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 9 lb uplift at joint 1 and 9 lb uplift at joint 3.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V13	Truss	1	1	Job Reference (optional)

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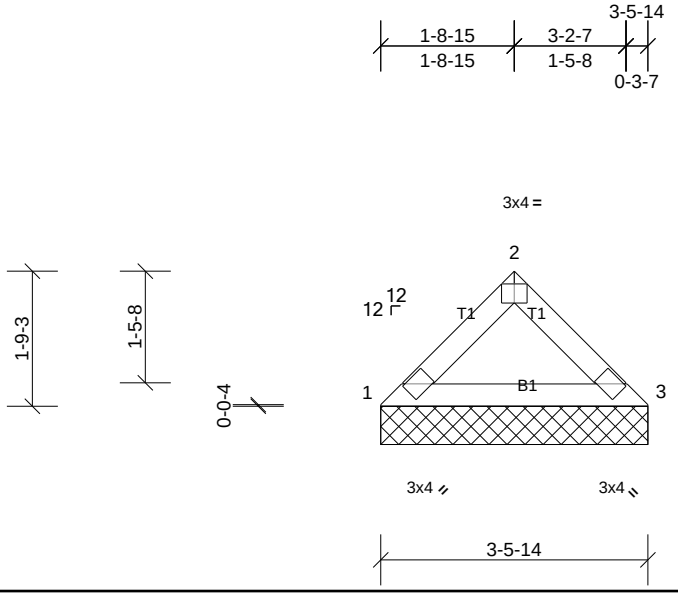

Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 11 lb	FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=100/3-5-14, (min. 0-1-8), 3=100/3-5-14, (min. 0-1-8)
Max Horiz 1=-34 (LC 10)
Max Uplift 1=-7 (LC 12), 3=-7 (LC 13)
Max Grav 1=140 (LC 2), 3=140 (LC 2)

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

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.7 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 7 lb uplift at joint 1 and 7 lb uplift at joint 3.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	EZ SIPS DBA GREEN R PANEL/GRN KLNY RF
72342526	V14	Truss	1	1	Job Reference (optional)

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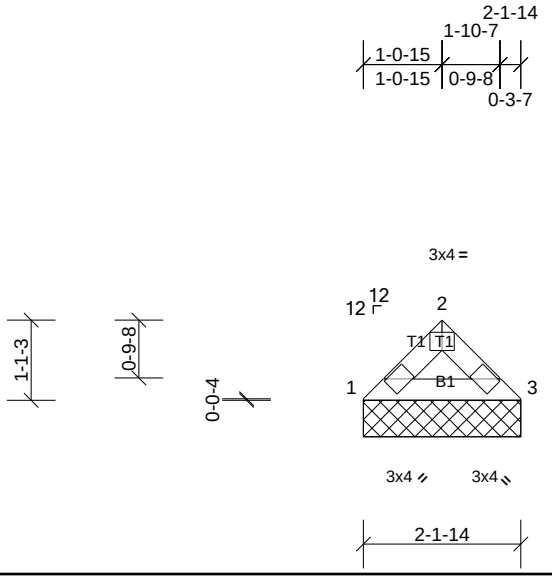

Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Ps/Pg)	8.8/20.0	Lumber DOL	1.15	BC	0.03	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 7 lb	FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-1-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=62/2-1-14, (min. 0-1-8), 3=62/2-1-14, (min. 0-1-8)
Max Horiz 1=-20 (LC 10)
Max Uplift 1=-4 (LC 12), 3=-4 (LC 13)
Max Grav 1=86 (LC 2), 3=86 (LC 2)

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

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=20.0 psf; Ps=8.8 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.63; Ct=1.00
4) Roof design snow load has been reduced to account for slope.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 1 and 4 lb uplift at joint 3.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.