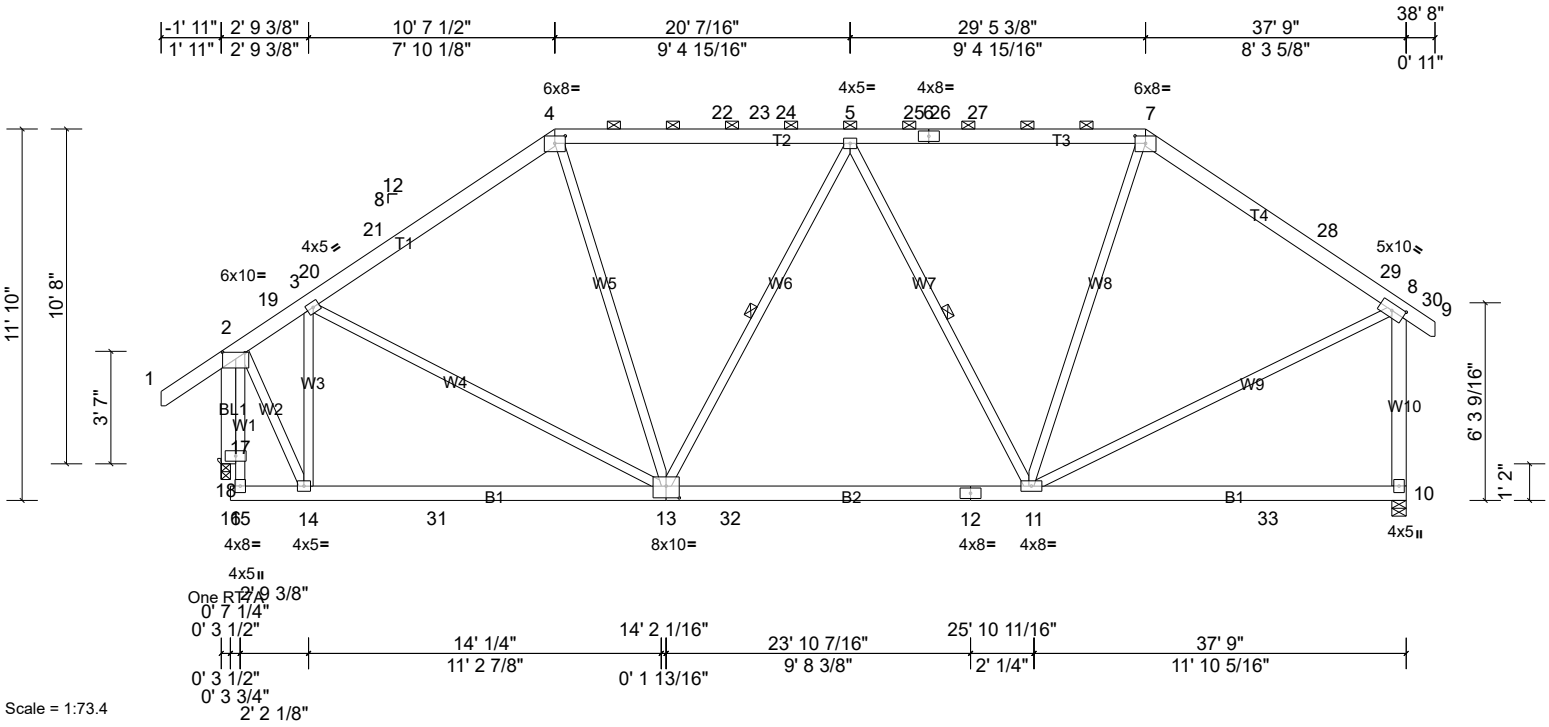
Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A1	Piggyback Base	4	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:25 — Page: 1

ID:HxQ6YJNKN98LVg1CHcI7hWz8hzU-bG9YII9qMA_Z2lXQi1NmWTgIbHsj9WTmB1qC1yz8KtS



Scale = 1:73.4

Plate Offsets (X, Y): [2:0' 1 1/2",0' 1/4"], [4:0' 4",0' 2 13/16"], [7:0' 4",0' 2 13/16"], [8:0' 4 15/16",0' 2 1/2"], [13:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.84	Vert(LL)	-0.18	11-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.79	Vert(CT)	-0.26	11-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.04	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 345 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2 *Except* W1,W2,W3:2x4 SP No.3, W10:2x6 SP No.2
OTHERS	2x6 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-0-13 oc purlins, except end verticals, and 2-0-0 oc purlins (5-2-9 max.): 4-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-13, 5-11

REACTIONS (lb/size) 10=1557/0' 5 1/2", (min. 0' 2 1/8"), 18=1614/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 18=332 (LC 13)
Max Uplift 10=-163 (LC 15), 18=-191 (LC 14)
Max Grav 10=1791 (LC 6), 18=1821 (LC 5)

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

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

TOP CHORD 2-19=-926/134, 3-19=-872/140, 3-20=-1605/184, 20-21=-1598/201, 4-21=-1550/237, 4-22=-1425/243, 22-23=-1425/243, 23-24=-1425/243, 5-24=-1425/243, 5-25=-1319/244, 6-25=-1319/244, 6-26=-1319/244, 26-27=-1319/244, 7-27=-1319/244, 7-28=-1444/236, 28-29=-1493/200, 8-29=-1505/182, 8-10=-1568/220

BOT CHORD 14-15=-225/312, 14-31=-213/863, 13-31=-213/863, 13-32=-245/1557, 12-32=-245/1557, 11-12=-245/1557

WEBS 8-11=-135/1294, 4-13=-4/487, 5-13=-397/225, 3-13=-117/630, 5-11=-601/230, 7-11=-12/448, 2-14=-71/1392, 3-14=-935/212, 2-18=-1834/191

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-11-2, Interior (1) 1-11-2 to 5-3-7, Exterior(2R) 5-3-7 to 15-11-9, Interior (1) 15-11-9 to 24-1-4, Exterior(2R) 24-1-4 to 34-9-14, Exterior(2E) 34-9-14 to 38-7-3 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 18. This connection is for uplift only and does not consider lateral forces.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A2	Piggyback Base	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:26 — Page: 1

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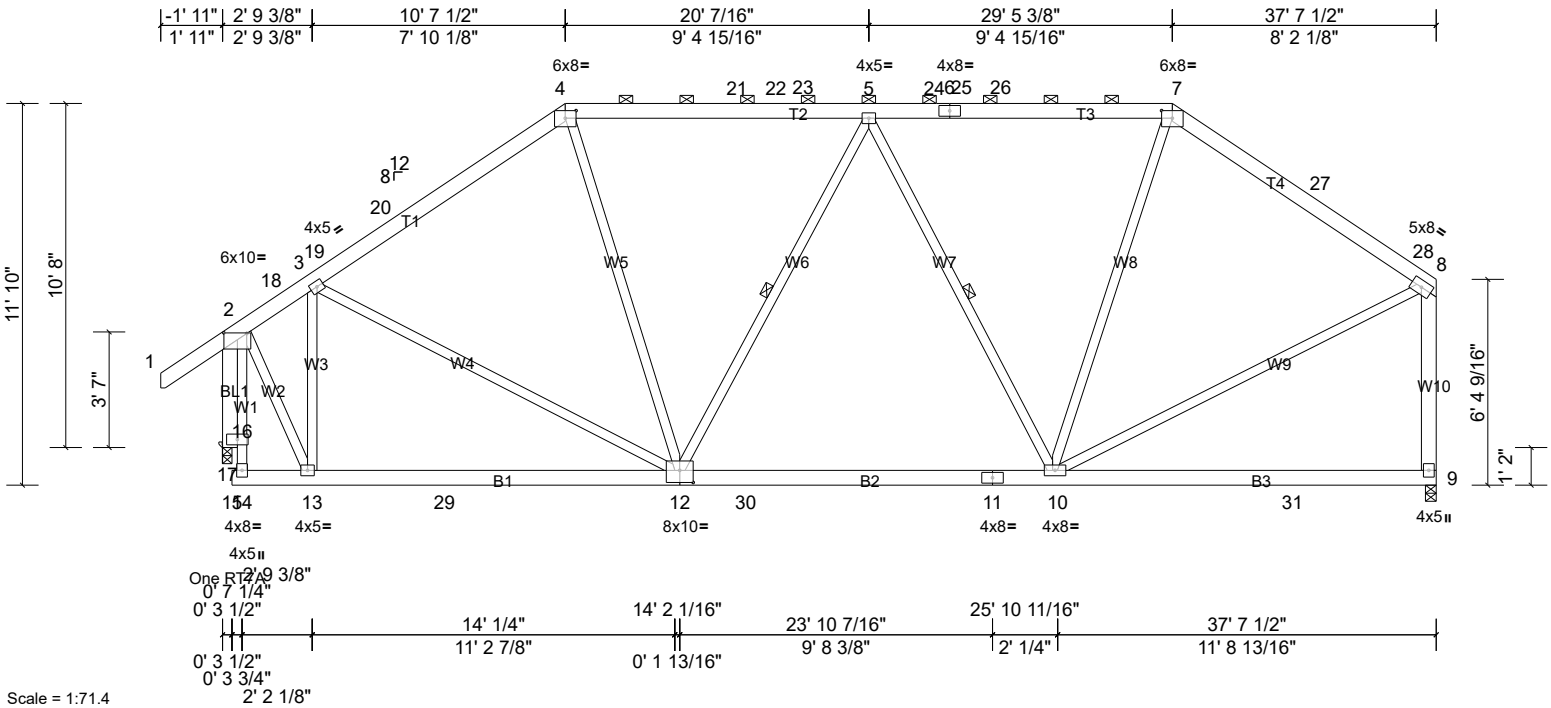


Scale = 1:71.4

Plate Offsets (X, Y): [2:0' 1 1/2",0' 1/4"], [4:0' 4",0' 2 13/16"], [7:0' 4",0' 2 13/16"], [12:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.83	Vert(LL)	-0.18	10-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.26	10-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.04	9	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 342 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2 *Except* W1,W3,W2:2x4 SP No.3, W10:2x6 SP No.2
OTHERS	2x6 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-3-12 oc purlins, except end verticals, and 2-0-0 oc purlins (5-2-11 max.): 4-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-12, 5-10

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

REACTIONS (lb/size) 9=1487/0' 4", (min. 0' 2 1/16"), 17=1610/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 17=327 (LC 13)
Max Uplift 9=-144 (LC 15), 17=-189 (LC 14)
Max Grav 9=1732 (LC 6), 17=1816 (LC 5)

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

TOP CHORD 2-18=-924/122, 3-18=-870/127, 3-19=-1599/180, 19-20=-1592/197, 4-20=-1544/232, 4-21=-1418/236, 21-22=-1418/236, 22-23=-1418/236, 5-23=-1418/236, 5-24=-1308/228, 6-24=-1308/228, 6-25=-1308/228, 25-26=-1308/228, 7-26=-1308/228, 7-27=-1430/220, 27-28=-1481/192, 8-28=-1491/166, 8-9=-1512/201

BOT CHORD 13-14=-232/305, 13-29=-220/854, 12-29=-220/854, 12-30=-250/1548, 11-30=-250/1548, 10-11=-250/1548

WEBS 4-12=-2/483, 5-12=-391/223, 3-12=-117/627, 7-10=-8/445, 3-13=-932/213, 8-10=-135/1298, 5-10=-606/231, 2-13=-69/1388, 2-17=-1829/189

NOTES

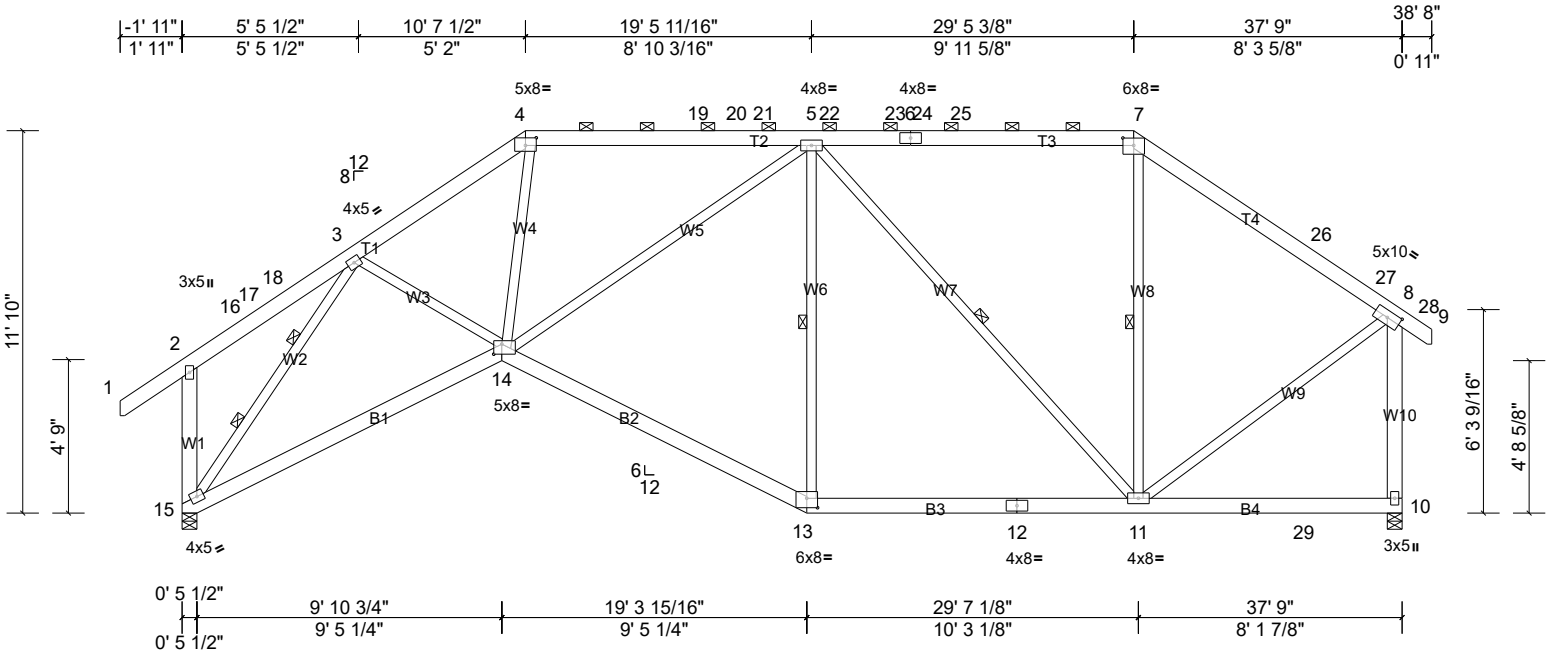
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-11-0, Interior (1) 1-11-0 to 5-3-10, Exterior(2R) 5-3-10 to 15-11-6, Interior (1) 15-11-6 to 24-1-8, Exterior(2R) 24-1-8 to 33-7-10, Exterior(2E) 33-7-10 to 37-4-12 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 17. This connection is for uplift only and does not consider lateral forces.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A3	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:26 — Page: 1

ID:Oc4tZzqLeW19Cw9ealiaxoz8hfX-3TjwzdAS7T6Qfv6cGlu?2hCTAhE_uwvvPhZlZPz8KtR



Scale = 1:71.3

Plate Offsets (X, Y): [4:0' 4",0' 2 13/16"], [7:0' 4",0' 2 3/4"], [8:0' 4 15/16",0' 2 1/2"], [13:0' 4",0' 3 1/2"], [14:0' 3",0' 3 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.85	Vert(LL)	-0.17	11-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.28	11-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.15	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 338 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W5,W6,W8,W7:2x4 SP No.2, W1,W10:2x6 SP No.2

REACTIONS (lb/size) 10=1554/0' 5 1/2", (min. 0' 2 1/16"), 15=1619/0' 5 1/2", (min. 0' 1 13/16")
Max Horiz 15=362 (LC 13)
Max Uplift 10=-168 (LC 15), 15=-194 (LC 14)
Max Grav 10=1736 (LC 3), 15=1757 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-6-9 oc purlins, except end verticals, and 2-0-0 oc purlins (4-4-1 max.): 4-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-13, 7-11, 5-11
WEBS	2 Rows at 1/3 pts 3-15

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

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

TOP CHORD	3-4=-2479/384, 4-19=-1933/333, 19-20=-1933/333, 20-21=-1933/333, 5-21=-1933/333, 5-22=-1034/260, 22-23=-1034/260, 6-23=-1034/260, 6-24=-1034/260, 24-25=-1034/260, 7-25=-1034/260, 7-26=-1189/232, 26-27=-1295/196, 8-27=-1307/178, 2-15=-383/214, 8-10=-1624/199
BOT CHORD	14-15=-499/1648, 13-14=-311/1816, 12-13=-259/1564, 11-12=-259/1564
WEBS	3-14=-18/911, 4-14=-93/1012, 5-14=-211/735, 5-13=-542/240, 7-11=-60/316, 3-15=-2288/229, 8-11=-112/1268, 5-11=-797/212

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-11-2, Interior (1) 1-11-2 to 5-2-14, Exterior(2R) 5-2-14 to 15-11-9, Interior (1) 15-11-9 to 24-1-4, Exterior(2R) 24-1-4 to 34-9-14, Exterior(2E) 34-9-14 to 38-7-3 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 15 and 10. This connection is for uplift only and does not consider lateral forces.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A4	Piggyback Base	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:27 — Page: 1

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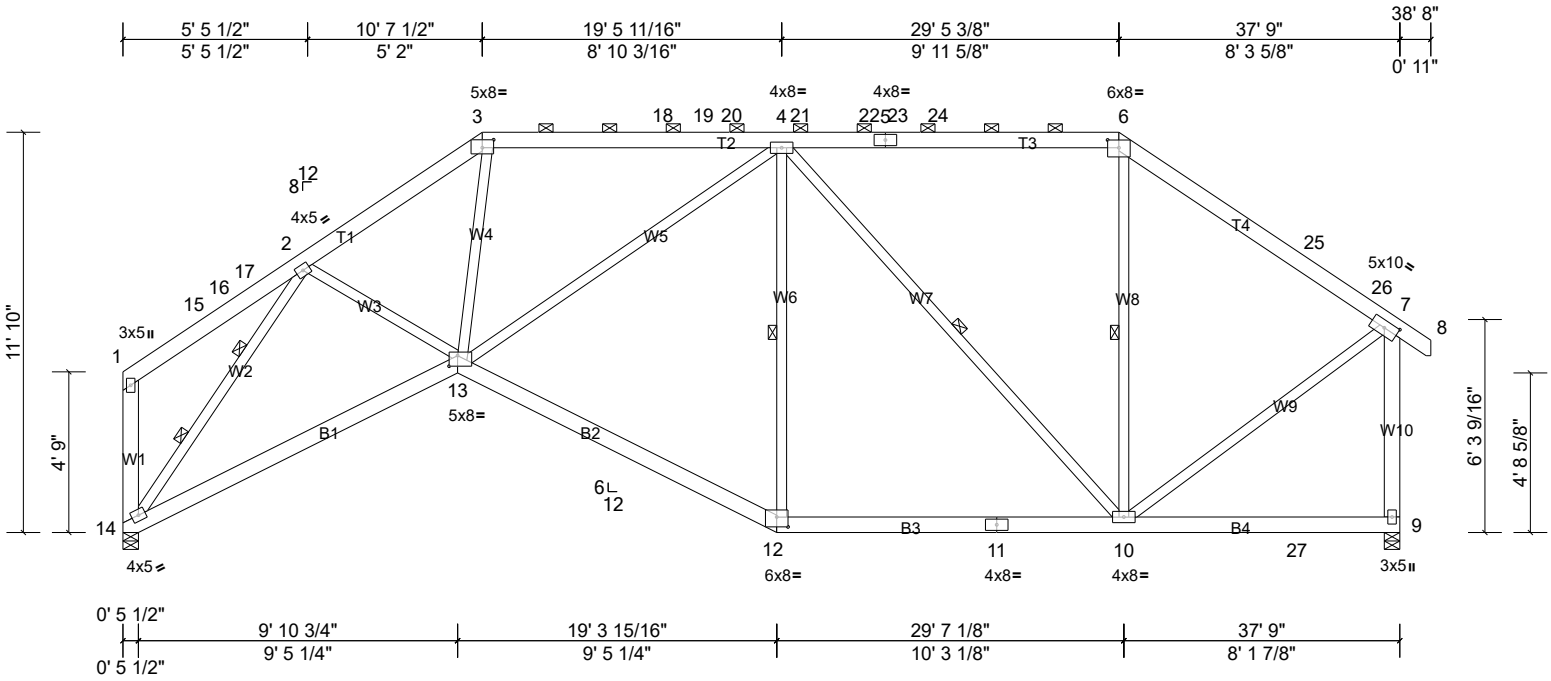

Scale = 1:68.1

Plate Offsets (X, Y): [3:0' 4",0' 2 13/16"], [6:0' 4",0' 2 3/4"], [7:0' 4 15/16",0' 2 1/2"], [12:0' 4",0' 3 1/2"], [13:0' 3",0' 3 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.85	Vert(LL)	-0.17	10-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.28	10-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.15	9	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 333 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W1,W10:2x6 SP No.2, W6,W5,W8,W7:2x4 SP No.2

REACTIONS (lb/size) 9=1557/0' 5 1/2", (min. 0' 2 1/16"), 14=1491/0' 5 1/2", (min. 0' 1 11/16")
Max Horiz 14=340 (LC 13)
Max Uplift 9=-166 (LC 15), 14=-157 (LC 14)
Max Grav 9=1739 (LC 3), 14=1650 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-6-8 oc purlins, except end verticals, and 2-0-0 oc purlins (4-3-14 max.): 3-6.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-12, 6-10, 4-10
WEBS	2 Rows at 1/3 pts 2-14

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

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

TOP CHORD	2-3=-2490/374, 3-18=-1940/325, 18-19=-1940/325, 19-20=-1940/325, 4-20=-1940/325, 4-21=-1035/258, 21-22=-1035/258, 5-22=-1035/258, 5-23=-1035/258, 23-24=-1035/258, 6-24=-1035/258, 6-25=-1191/231, 25-26=-1297/195, 7-26=-1308/177, 7-9=-1625/197
BOT CHORD	13-14=-487/1660, 12-13=-308/1819, 11-12=-256/1567, 10-11=-256/1567
WEBS	3-13=-88/1026, 2-13=-21/905, 4-12=-543/239, 4-13=-205/741, 6-10=-56/317, 2-14=-2324/253, 4-10=-800/209, 7-10=-110/1270

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 4-0-1, Interior (1) 4-0-1 to 5-2-14, Exterior(2R) 5-2-14 to 15-11-9, Interior (1) 15-11-9 to 24-1-4, Exterior(2R) 24-1-4 to 34-9-14, Exterior(2E) 34-9-14 to 38-7-3 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 14. This connection is for uplift only and does not consider lateral forces.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A5	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:28 — Page: 1

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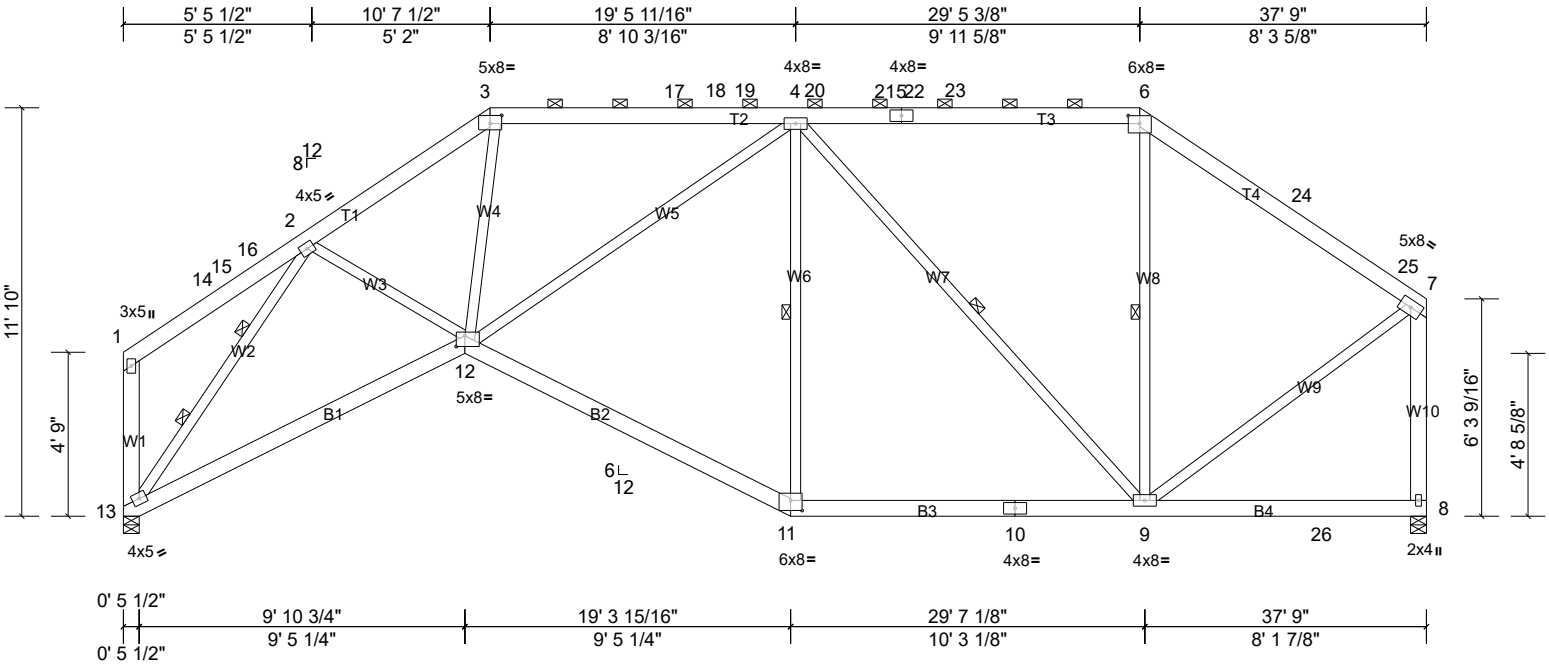

Scale = 1:66.7

Plate Offsets (X, Y): [3:0' 4",0' 2 13/16"], [6:0' 4",0' 2 3/4"], [11:0' 4",0' 3 1/2"], [12:0' 3",0' 3 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.85	Vert(LL)	-0.17	9-11	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.28	9-11	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.15	8	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 331 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W1,W10:2x6 SP No.2, W6,W5,W8,W7:2x4 SP No.2

REACTIONS (lb/size) 8=1492/0' 5 1/2", (min. 0' 2"), 13=1492/0' 5 1/2", (min. 0' 1 11/16")
Max Horiz 13=336 (LC 11)
Max Uplift 8=-149 (LC 15), 13=-155 (LC 14)
Max Grav 8=1706 (LC 6), 13=1650 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-6-8 oc purlins, except end verticals, and 2-0-0 oc purlins (4-4-1 max.): 3-6.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-11, 6-9, 4-9
WEBS	2 Rows at 1/3 pts 2-13

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

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

TOP CHORD	2-3=-2491/378, 3-17=-1940/328, 17-18=-1940/328, 18-19=-1940/328, 4-19=-1940/328, 4-20=-1037/244, 20-21=-1037/244, 5-21=-1037/244, 5-22=-1037/244, 22-23=-1037/244, 6-23=-1037/244, 6-24=-1190/210, 24-25=-1294/181, 7-25=-1308/156, 7-8=-1571/179
BOT CHORD	12-13=-497/1648, 11-12=-313/1820, 10-11=-261/1567, 9-10=-261/1567
WEBS	3-12=-91/1026, 2-12=-23/905, 4-11=-543/241, 4-12=-211/734, 6-9=-71/317, 2-13=-2325/260, 4-9=-798/211, 7-9=-109/1275

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 4-0-1, Interior (1) 4-0-1 to 5-2-14, Exterior(2R) 5-2-14 to 15-11-9, Interior (1) 15-11-9 to 24-1-4, Exterior(2R) 24-1-4 to 33-8-15, Exterior(2E) 33-8-15 to 37-6-4 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 8 and 13. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A6	Piggyback Base	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:28 — Page: 1

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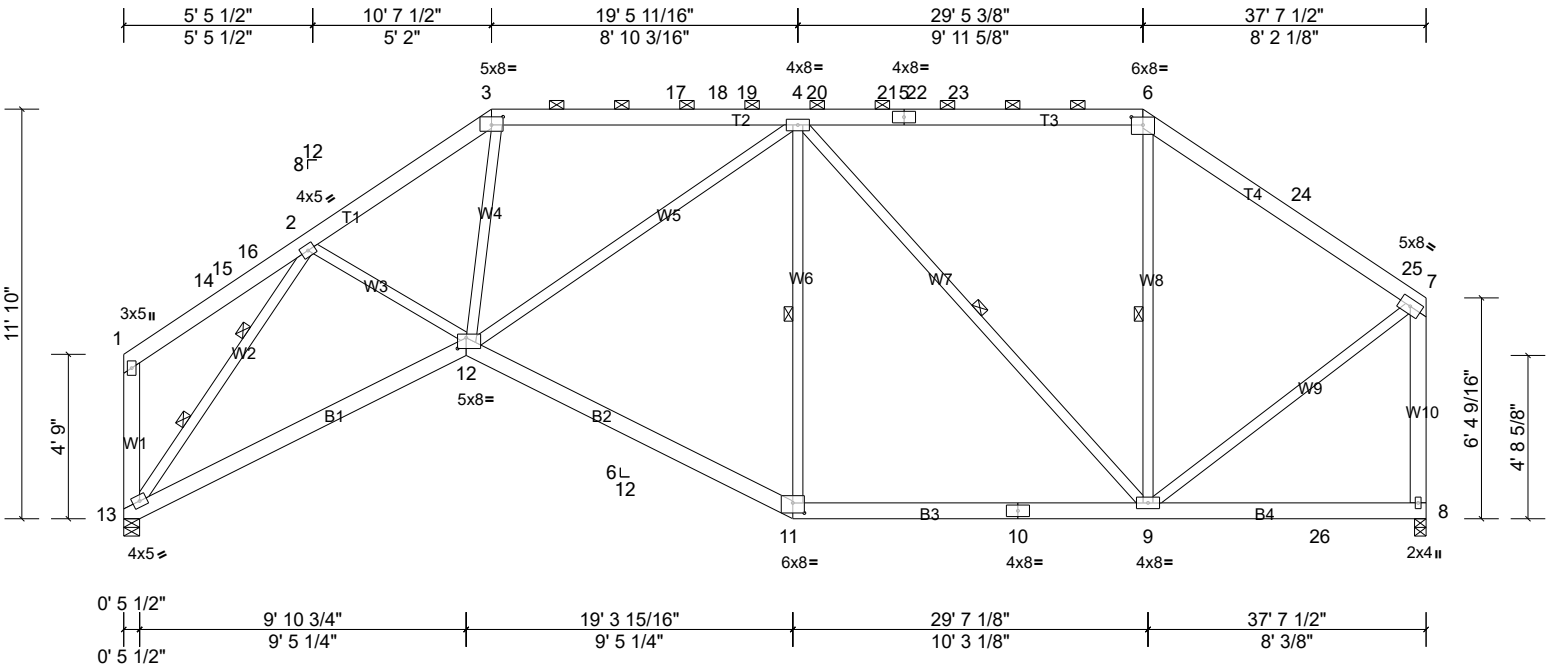

Scale = 1:66.6

Plate Offsets (X, Y): [3:0' 4",0' 2 13/16"], [6:0' 4",0' 2 3/4"], [11:0' 4",0' 3 1/2"], [12:0' 3",0' 3 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.85	Vert(LL)	-0.17	9-11	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.28	9-11	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.15	8	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 330 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W1,W10:2x6 SP No.2, W6,W5,W8,W7:2x4 SP No.2

REACTIONS (lb/size) 8=1487/0' 4", (min. 0' 2"), 13=1487/0' 5 1/2", (min. 0' 1 11/16")
Max Horiz 13=337 (LC 11)
Max Uplift 8=-148 (LC 15), 13=-155 (LC 14)
Max Grav 8=1701 (LC 6), 13=1645 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-6-9 oc purlins, except end verticals, and 2-0-0 oc purlins (4-4-1 max.): 3-6.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-11, 6-9, 4-9
WEBS	2 Rows at 1/3 pts 2-13

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

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

TOP CHORD	2-3=-2481/379, 3-17=-1932/329, 17-18=-1932/329, 18-19=-1932/329, 4-19=-1932/329, 4-20=-1022/242, 20-21=-1022/242, 5-21=-1022/242, 5-22=-1022/242, 22-23=-1022/242, 6-23=-1022/242, 6-24=-1173/209, 24-25=-1276/181, 7-25=-1289/156, 7-8=-1570/178
BOT CHORD	12-13=-498/1643, 11-12=-314/1810, 10-11=-262/1558, 9-10=-262/1558
WEBS	3-12=-91/1021, 2-12=-23/901, 4-11=-539/242, 4-12=-212/735, 6-9=-74/310, 2-13=-2316/260, 4-9=-806/211, 7-9=-109/1272

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 3-11-14, Interior (1) 3-11-14 to 5-2-14, Exterior(2R) 5-2-14 to 15-11-6, Interior (1) 15-11-6 to 24-1-8, Exterior(2R) 24-1-8 to 33-7-10, Exterior(2E) 33-7-10 to 37-4-12 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Bearing at joint(s) 13 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 8 and 13. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A7	Piggyback Base	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:29 — Page: 1

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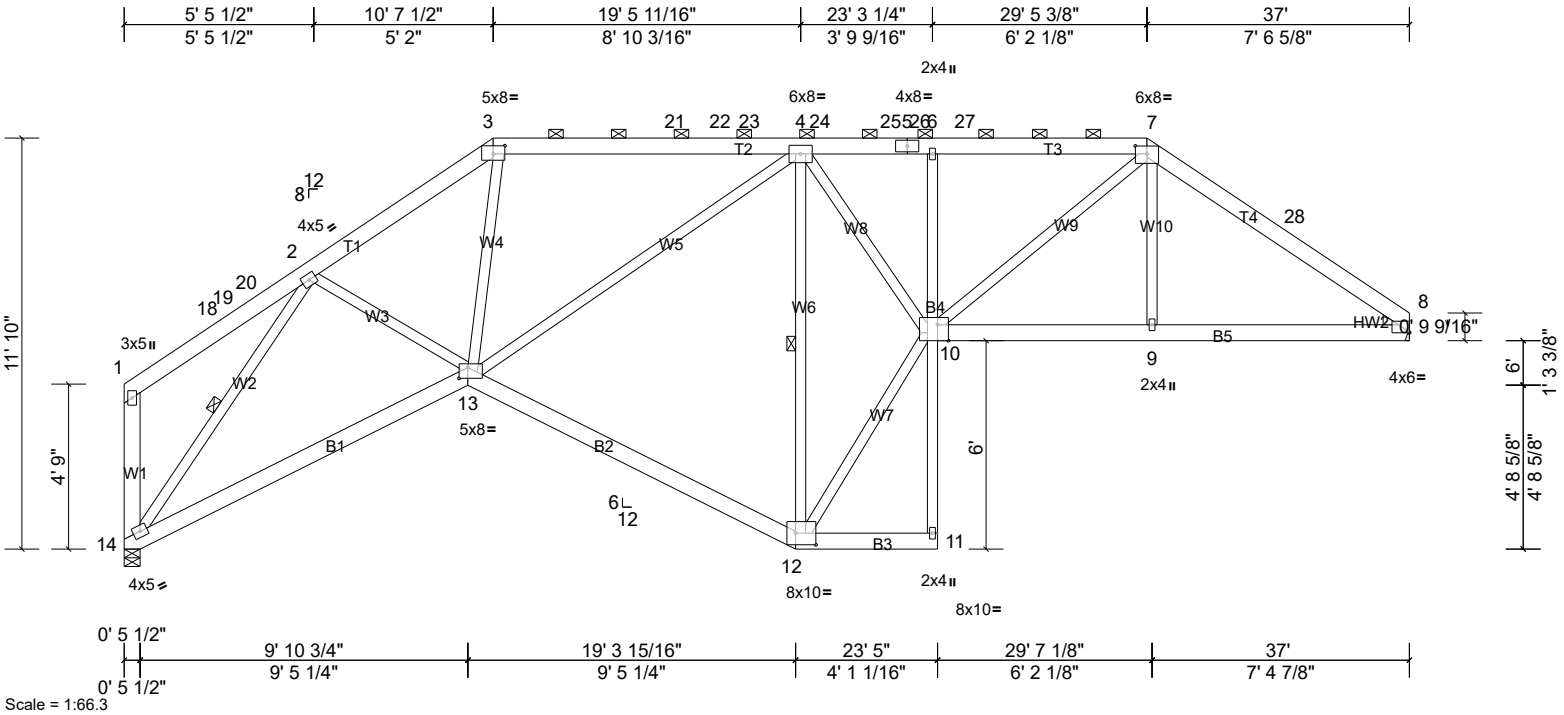

Scale = 1:66.3

Plate Offsets (X, Y): [3:0' 4",0' 2 13/16"], [7:0' 4",0' 2 3/4"], [8:Edge,0' 1/4"], [10:0' 3 3/4",Edge], [12:0' 7",0' 4"], [13:0' 3",0' 3 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	-0.17	11	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.52	Vert(CT)	-0.32	12-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.26	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 317 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2, W6:2x4 SP 2400F 2.0E, W5,W7:2x4 SP No.2
WEDGE	Right: 2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-5-11 oc purlins, except end verticals, and 2-0-0 oc purlins (3-7-9 max.): 3-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-12, 2-14

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

REACTIONS (lb/size) 8=1471/ Mechanical, (min. 0' 1 1/2"), 14=1471/0' 5 1/2", (min. 0' 1 9/16")
Max Horiz 14=-259 (LC 12)
Max Uplift 8=-140 (LC 15), 14=-145 (LC 14)
Max Grav 8=1500 (LC 21), 14=1505 (LC 20)

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

TOP CHORD	2-3=-2277/362, 3-21=-1794/346, 21-22=-1794/346, 22-23=-1794/346, 4-23=-1794/346, 4-24=-2705/284, 24-25=-2705/284, 5-25=-2705/284, 5-26=-2705/284, 6-26=-2705/284, 6-27=-2721/287, 7-27=-2721/287, 7-28=-2199/223, 8-28=-2316/198
BOT CHORD	13-14=-360/1398, 12-13=-218/1609, 6-10=-337/111, 9-10=-107/1856, 8-9=-104/1860
WEBS	3-13=-35/779, 2-13=-51/829, 4-12=-2714/444, 4-13=-161/623, 7-9=0/289, 2-14=-2163/337, 4-10=-207/2202, 10-12=-320/2589, 7-10=-256/1147

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 3-11-2, Interior (1) 3-11-2 to 5-2-14, Exterior(2R) 5-2-14 to 15-10-5, Interior (1) 15-10-5 to 24-2-9, Exterior(2R) 24-2-9 to 33-3-10, Exterior(2E) 33-3-10 to 37-0-0 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Refer to girder(s) for truss to truss connections.
9) Bearing at joint(s) 14 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 140 lb uplift at joint 8.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 14. This connection is for uplift only and does not consider lateral forces.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A8	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:29 — Page: 1

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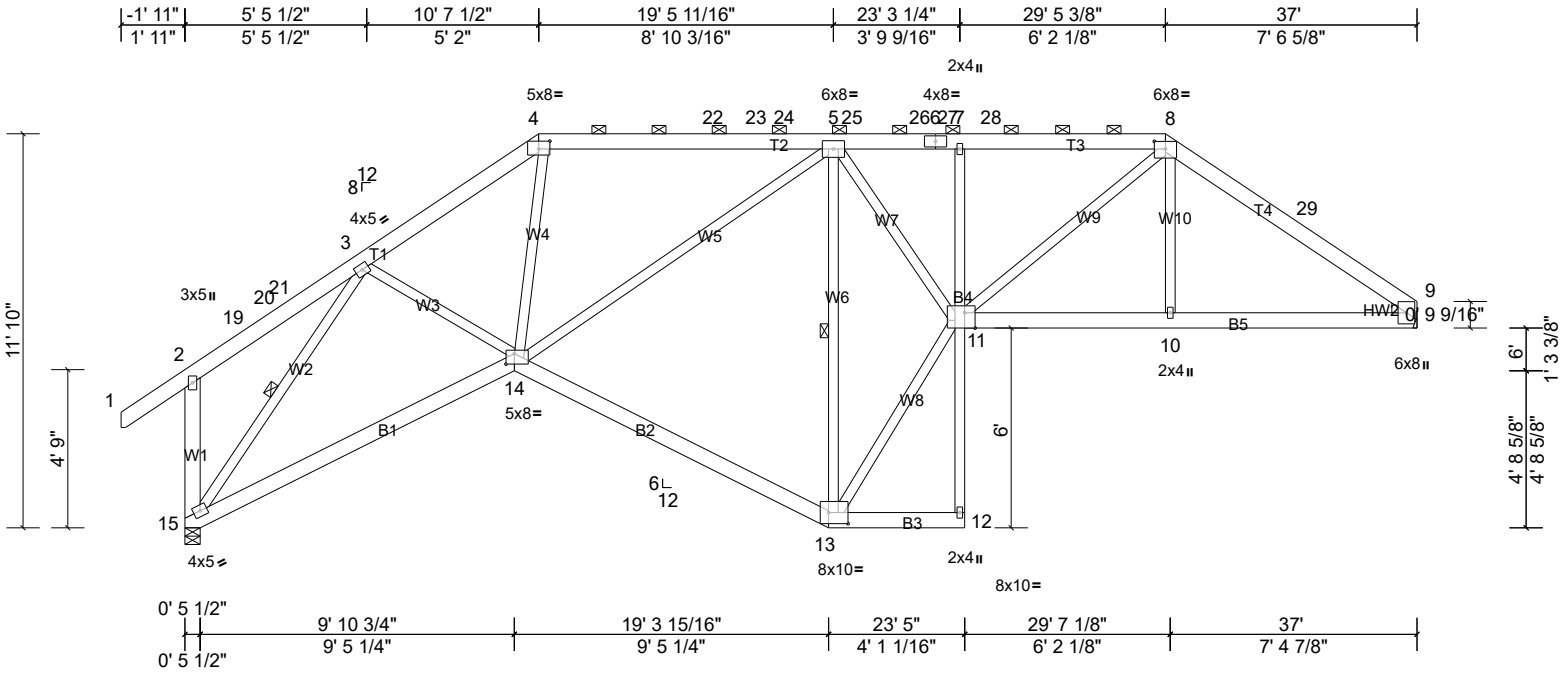

Scale = 1:69.2

Plate Offsets (X, Y): [4:0' 4",0' 2 13/16"], [8:0' 4",0' 2 3/4"], [11:0' 3 3/4",Edge], [13:0' 7",0' 4"], [14:0' 3",0' 3 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	-0.17	12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.47	Vert(CT)	-0.32	13-14	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.26	9	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 322 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x6 SP No.2, W5,W8:2x4 SP No.2, W6:2x4 SP 2400F 2.0E
WEDGE	Right: 2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-5-15 oc purlins, except end verticals, and 2-0-0 oc purlins (3-7-13 max.): 4-8.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-13, 3-15

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

REACTIONS (lb/size) 9=1467/ Mechanical, (min. 0' 1 1/2"), 15=1599/0' 5 1/2", (min. 0' 1 11/16")
Max Horiz 15=-270 (LC 12)
Max Uplift 9=-142 (LC 15), 15=-182 (LC 14)
Max Grav 9=1498 (LC 22), 15=1633 (LC 21)

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

TOP CHORD	3-4=-2265/378, 4-22=-1787/360, 22-23=-1787/360, 23-24=-1787/360, 5-24=-1787/360, 5-25=-2700/289, 25-26=-2700/289, 6-26=-2700/289, 6-27=-2700/289, 7-27=-2700/289, 7-28=-2716/292, 8-28=-2716/292, 8-29=-2198/229, 9-29=-2307/204, 2-15=-361/218
BOT CHORD	14-15=-380/1369, 13-14=-221/1605, 7-11=-336/112, 10-11=-110/1855, 9-10=-107/1859
WEBS	4-14=-40/763, 3-14=-48/836, 5-14=-172/615, 5-13=-2708/450, 8-10=0/289, 3-15=-2124/301, 5-11=-210/2198, 11-13=-326/2583, 8-11=-259/1141

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-10-4, Interior (1) 1-10-4 to 5-2-14, Exterior(2R) 5-2-14 to 15-10-5, Interior (1) 15-10-5 to 24-2-9, Exterior(2R) 24-2-9 to 33-3-10, Exterior(2E) 33-3-10 to 37-0-0 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) Refer to girder(s) for truss to truss connections.
10) Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 9.
12) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 15. This connection is for uplift only and does not consider lateral forces.
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.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A8	Piggyback Base	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A9	Piggyback Base Structural Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:30 — Page: 1

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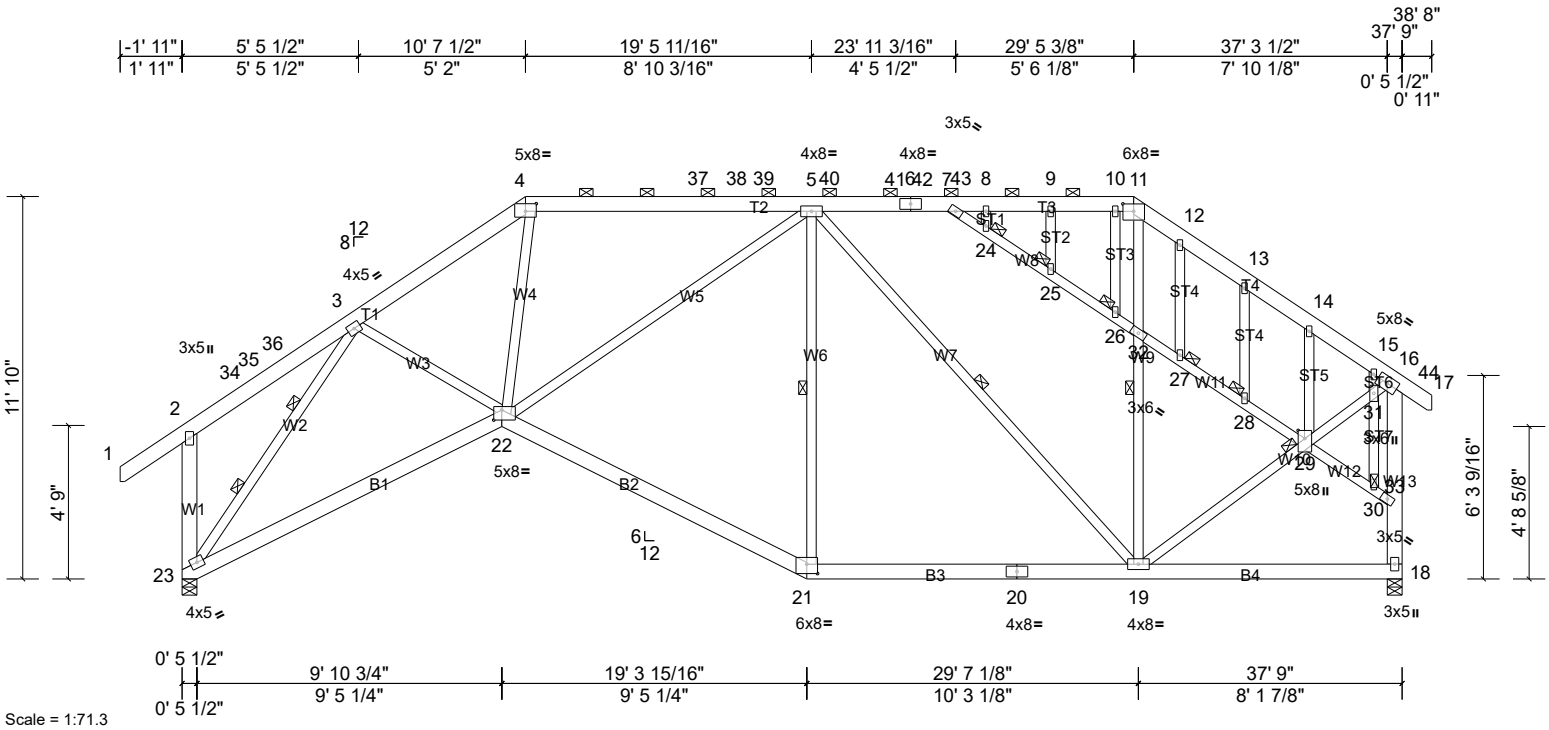

Plate Offsets (X, Y): [4:0' 4",0' 2 13/16"], [11:0' 4",0' 2 3/4"], [21:0' 4",0' 3 1/2"], [22:0' 3",0' 3 3/4"], [29:0' 3",0' 2 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.77	Vert(LL)	-0.17	19-21	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.28	19-21	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.15	18	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 391 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W1,W13:2x6 SP No.2, W6,W5,W9,W7:2x4 SP No.2
OTHERS	2x4 SP No.3

REACTIONS (lb/size) 18=1554/0' 5 1/2", (min. 0' 2"), 23=1619/0' 5 1/2", (min. 0' 1 13/16")
Max Horiz 23=362 (LC 13)
Max Uplift 18=-168 (LC 15), 23=-194 (LC 14)
Max Grav 18=1718 (LC 6), 23=1755 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-6-9 oc purlins, except end verticals, and 2-0-0 oc purlins (4-2-15 max.): 4-11.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-21, 11-19, 5-19
WEBS	2 Rows at 1/3 pts 3-23
JOINTS	1 Brace at Jt(s): 24, 25, 26, 27, 28, 29, 30

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

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

TOP CHORD 3-4=-2477/385, 4-37=-1939/336, 37-38=-1939/336, 38-39=-1939/336, 5-39=-1939/336, 5-40=-1123/266, 40-41=-1123/266, 6-41=-1123/266, 6-42=-1123/266, 7-42=-1123/266, 7-43=-885/220, 8-43=-885/220, 8-9=-885/220, 9-10=-885/220, 10-11=-885/220, 11-12=-1020/201, 12-13=-1081/190, 13-14=-1124/171, 14-15=-1096/96, 15-16=-1104/91, 2-23=-384/215, 18-33=-1608/196, 16-33=-1366/94

BOT CHORD 22-23=-498/1645, 21-22=-304/1794, 20-21=-253/1544, 19-20=-253/1544

WEBS 4-22=-82/977, 3-22=-21/917, 5-21=-528/237, 5-22=-222/734, 19-32=-45/299, 11-32=-99/284, 3-23=-2281/227, 5-19=-650/153, 19-29=-124/1138, 29-31=-70/1220, 16-31=-72/1186, 14-29=-367/118, 7-24=-368/99, 24-25=-383/104, 25-26=-403/109, 26-32=-361/102, 27-32=-387/112, 27-28=-364/102, 28-29=-383/104, 29-30=-411/155, 30-33=-460/157

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-11-2, Interior (1) 1-11-2 to 5-2-14, Exterior(2R) 5-2-14 to 15-11-9, Interior (1) 15-11-9 to 24-1-4, Exterior(2R) 24-1-4 to 34-10-8, Interior (1) 34-10-8 to 38-7-3 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x4 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, with BCDL = 10.0psf.

Continued on page 2

12) Bearing at joint(s) 23 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
13) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 18 and 23. This connection is for uplift only and does not consider lateral forces.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	A10	Piggyback Base Girder	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:31 — Page: 1

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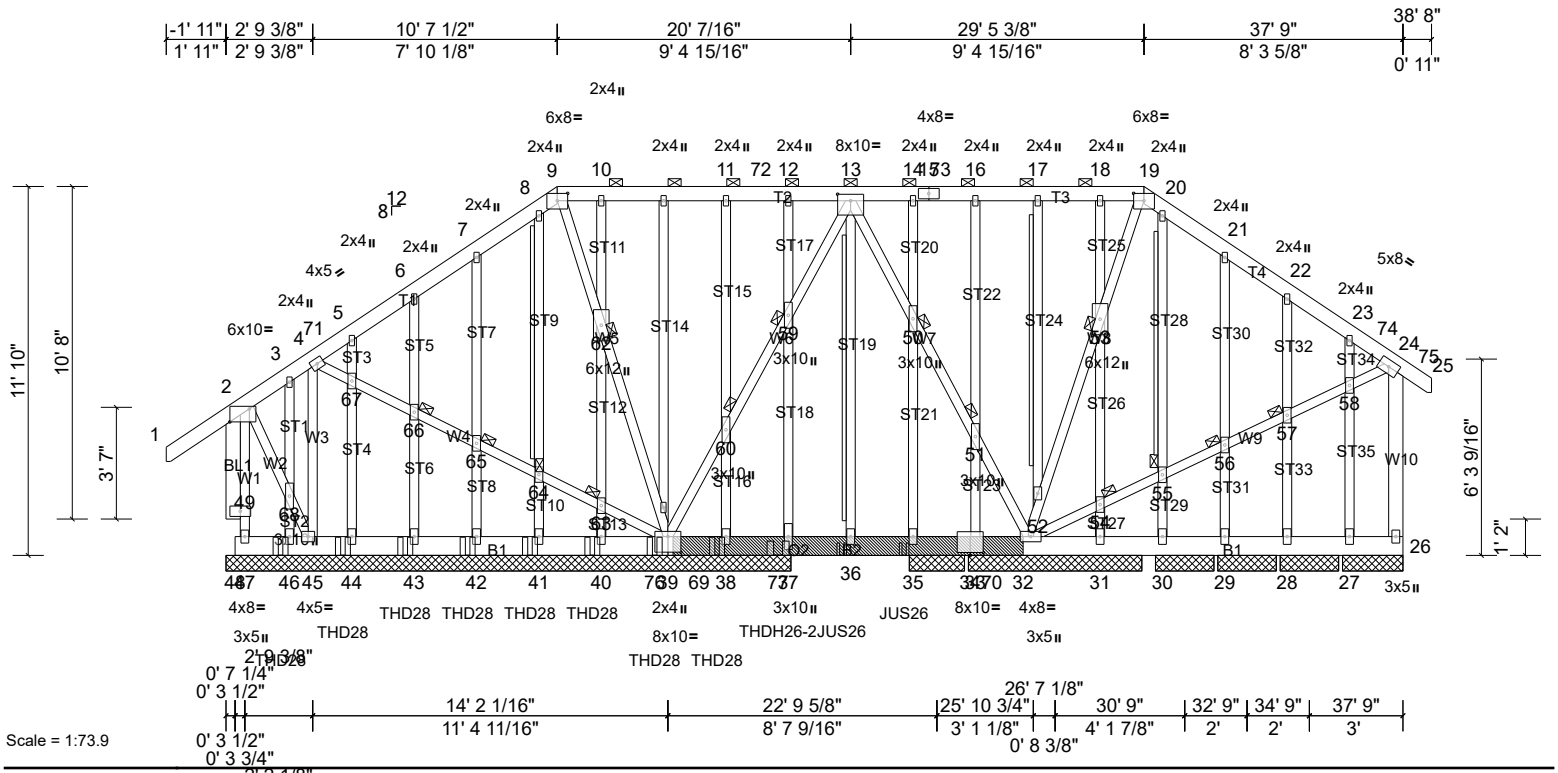

Scale = 1:73.9

Plate Offsets (X, Y): [2:0' 7 1/2 Edge], [9:0' 4",0' 2 13/16"], [13:0' 5",0' 2 1/2"], [19:0' 4",0' 2 13/16"], [34:0' 5",0' 1 1/8"], [39:0' 5",0' 6"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	0.00	39-40	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	0.00	39-40	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.00	26	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 651 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.2 *Except* W1,W3,W2:2x4 SP No.3, W10:2x6 SP No.2
OTHERS	2x4 SP No.3 *Except* BL1:2x6 SP No.2, ST19,ST14:2x4 SP No.2, O3,O4,O5,O1:2x4 SPF No.2(flat)
LBR SCAB	39-32 SP 2400F 2.0E one side

REACTIONS All bearings 18' 1 7/16". except 26=1' 11 1/4", 27=1' 11 1/4", 32=5' 6 3/4", 33=5' 6 3/4", 31=5' 6 3/4", 35=1' 9 1/4", 30=1' 10 1/2", 29=1' 10 1/2", 28=1' 10 1/2"

(lb) - Max Horiz 48=361 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 26, 27, 28, 29, 31, 32, 33, 46, 47, 48 except 37=-237 (LC 9), 44=-115 (LC 12), 45=-111 (LC 57)

Max Grav All reactions 250 (lb) or less at joint(s) 26, 27, 28, 29, 30, 32, 33, 45, 47, 48 except 31=294 (LC 36), 35=496 (LC 36), 37=2692 (LC 36), 38=1777 (LC 36), 39=1208 (LC 36), 40=1788 (LC 36), 41=1291 (LC 39), 42=1467 (LC 39), 43=1425 (LC 39), 44=1312 (LC 33), 46=1200 (LC 23)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 9-19.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 47-48.
WEBS	T-Brace: 2x4 SPF No.2 - 13-36, 17-52, 20-55, 8-64 Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.
JOINTS	1 Brace at Jt(s): 50, 51, 53, 54, 55, 56, 57, 59, 60, 62, 63, 64, 65, 66

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

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

BOT CHORD 47-48=-361/335, 46-47=-343/278, 45-46=-343/278, 44-45=-284/236, 43-44=-284/236, 42-43=-284/236, 41-42=-284/236, 40-41=-284/236, 40-76=-284/236, 39-76=-284/236

WEBS 16-51=-256/70, 11-60=-315/86, 38-60=-309/86, 10-62=-284/74, 62-63=-274/75, 40-63=-273/78

NOTES

1) Attached 11-2-12 scab 32 to 39, back face(s) 2x8 SP 2400F 2.0E with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 0-9-2 from end at joint 39, nail 2 row (s) at 4" o.c. for 10-6-6.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
5) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
8) Provide adequate drainage to prevent water ponding.
9) All plates are 3x6 MT20 unless otherwise indicated.

Continued on page 2

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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 26, 47, 48, 32, 45, 33, 31, 29, 28, 27, 37, 44, and 46. This connection is for uplift only and does not consider lateral forces.
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.
16) Use MiTek THD28 (With 28-16d nails into Girder & 16-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-9-0 from the left end to 15-9-0 to connect truss(es) F4 (1 ply 2x6 SP), F3 (1 ply 2x6 SP), F1 (1 ply 2x6 SP) to front face of bottom chord.
17) Use MiTek THDH26-2 (With 22-16d nails into Girder & 8-16d nails into Truss) or equivalent at 17-8-8 from the left end to connect truss(es) F2 (2 ply 2x6 SP) to front face of bottom chord.
18) 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 19-9-0 from the left end to 21-9-0 to connect truss(es) J04A (1 ply 2x6 SP) to front face of bottom chord.
19) Fill all nail holes where hanger is in contact with lumber.
20) WARNING: The following hangers are manually applied but fail due to geometric considerations: THD28 on front face at 3-9-0 from the left end, THD28 on front face at 5-9-0 from the left end, THD28 on front face at 7-9-0 from the left end, THD28 on front face at 9-9-0 from the left end, THD28 on front face at 11-9-0 from the left end, THD28 on front face at 13-9-0 from the left end, THD28 on front face at 15-9-0 from the left end.
21) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
22) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-9=-60, 9-19=-60, 19-24=-60, 24-25=-60, 26-48=-20
   Concentrated Loads (lb)
   Vert: 36=-224 (F), 35=-224 (F), 38=-1212 (F), 40=-1212 (F), 41=-1212 (F), 42=-1212 (F), 43=-1187 (F), 44=-1095 (F), 46=-1095 (F), 76=-1212 (F), 77=-2581 (F)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	B1	Piggyback Base	6	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:34 — Page: 1

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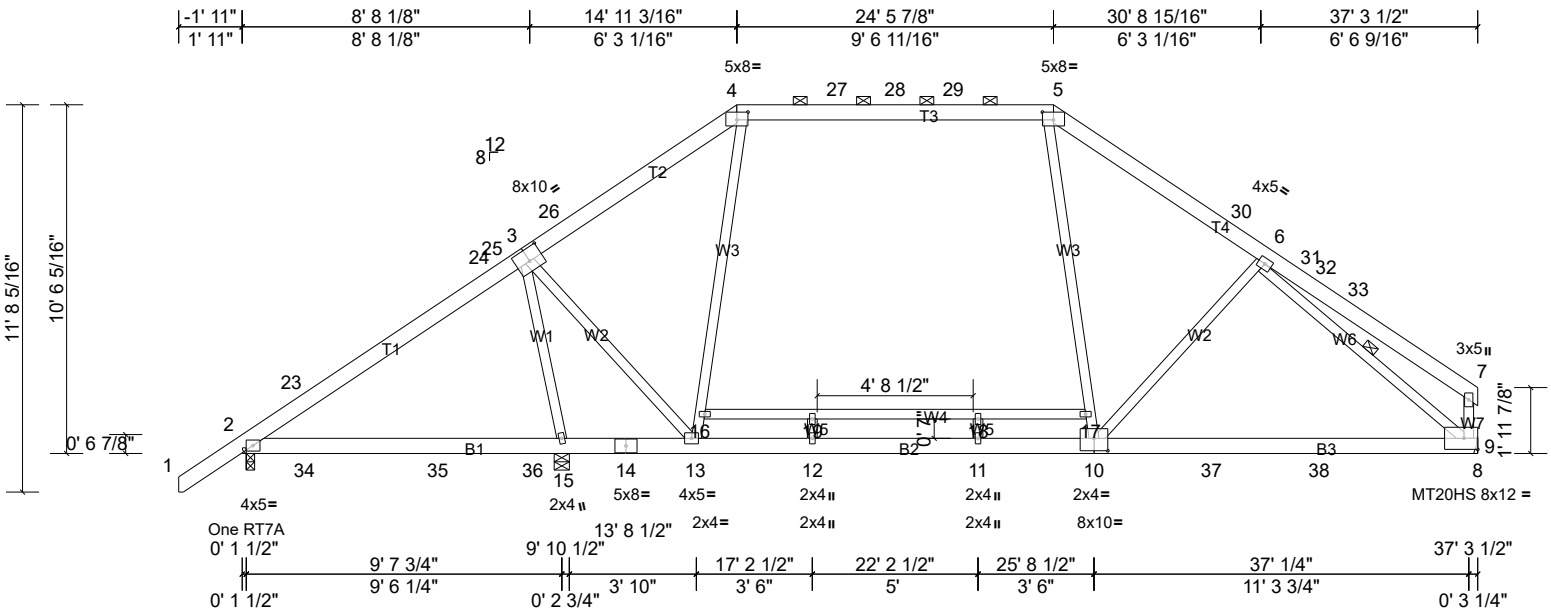

Scale = 1:69.5

Plate Offsets (X, Y): [3:0' 5",0' 4 1/2"], [4:0' 4",0' 2 13/16"], [5:0' 4",0' 2 13/16"], [10:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.95	Vert(LL)	0.09	15-22	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.87	Vert(CT)	-0.36	11-12	>916	180	MT20HS	187/143
TCDL	10.0	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.06	9	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 285 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2 *Except* T3:2x6 SP 2400F 2.0E
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2

REACTIONS (lb/size) 2=1329/0' 3", (min. 0' 1 3/4"), 9=1463/ Mechanical, (min. 0' 1 1/2"), 15=487/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 2=250 (LC 11)
Max Uplift 2=-145 (LC 15), 9=-94 (LC 15), 15=-327 (LC 11)
Max Grav 2=1502 (LC 45), 9=1715 (LC 49), 15=897 (LC 41)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-9-9 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 6-9

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

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

TOP CHORD	2-23=-2105/272, 23-24=-2041/295, 24-25=-1927/315, 3-25=-1895/319, 3-26=-1899/171, 4-26=-1757/209, 4-27=-1389/199, 27-28=-1389/199, 28-29=-1389/199, 5-29=-1389/199, 5-30=-1754/161, 6-30=-1890/122, 32-33=-258/90, 7-33=-362/82, 7-9=-324/106
BOT CHORD	2-34=-78/1637, 34-35=-78/1637, 35-36=-78/1637, 15-36=-78/1637, 14-15=-131/1659, 13-14=-131/1659, 12-13=0/1378, 11-12=0/1378, 10-11=0/1378, 10-37=-43/1516, 37-38=-43/1516, 9-38=-43/1516
WEBS	6-9=-1800/48, 3-13=-305/358, 5-17=0/703, 10-17=0/684, 13-16=-30/720, 4-16=-16/736, 3-15=-826/231

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-10-9, Interior (1) 1-10-9 to 9-7-14, Exterior(2R) 9-7-14 to 29-9-2, Interior (1) 29-9-2 to 33-3-8, Exterior(2E) 33-3-8 to 37-0-4 zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
6) 200.0lb AC unit load placed on the bottom chord, 19-8-8 from left end, supported at two points, 5-0-0 apart.
7) Provide adequate drainage to prevent water ponding.
8) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
11) Refer to girder(s) for truss to truss connections.
12) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 9.
14) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 15 and 2. This connection is for uplift only and does not consider lateral forces.
15) 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.

Continued on page 2

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

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	B2	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:34 — Page: 1

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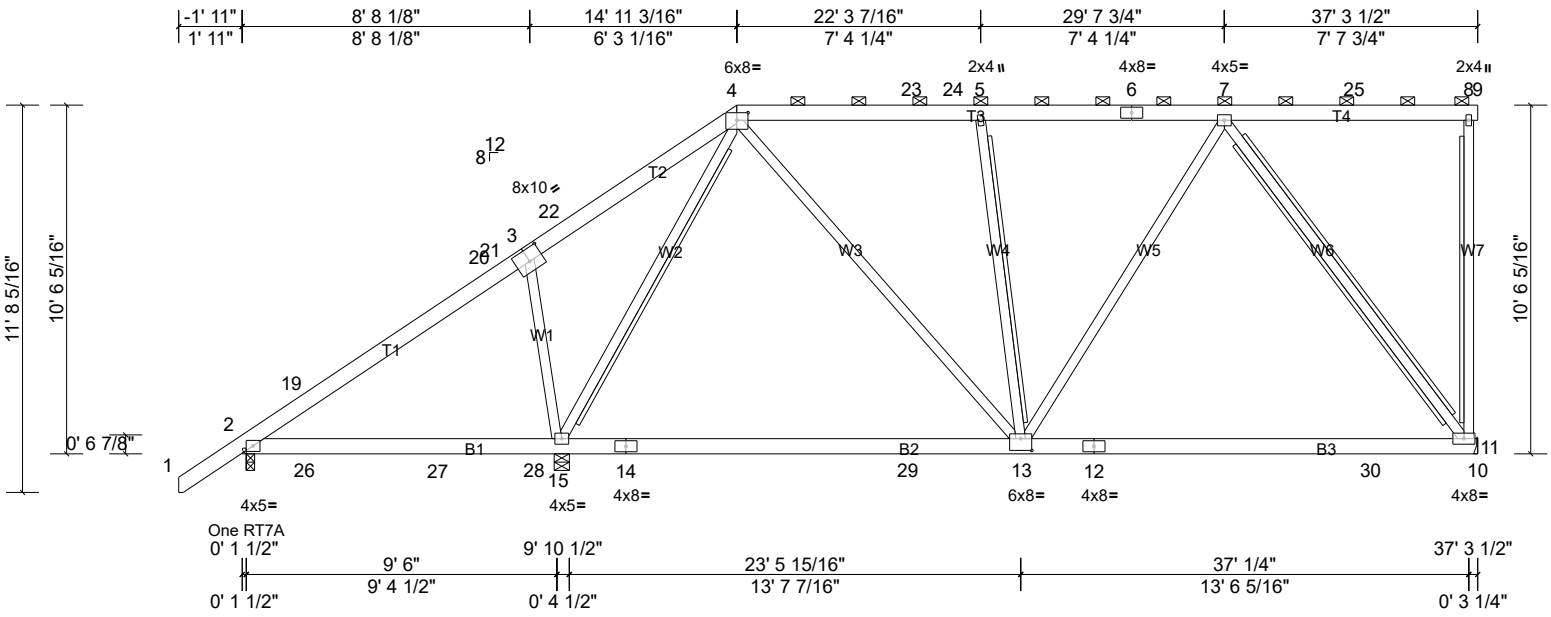

Scale = 1:69.5

Plate Offsets (X, Y): [3:0' 5",0' 4 1/2"], [4:0' 4",0' 2 3/4"], [13:0' 4",0' 4 1/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.39	11-13	>848	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.61	11-13	>541	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.02	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 294 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x6 SP 2400F 2.0E
WEBS	2x4 SP No.2 *Except* W7,W1,W4:2x4 SP No.3
OTHERS	2x4 SPF No.2(flat)

REACTIONS (lb/size) 2=526/0' 3", (min. 0' 1 1/2"), 11=1129/ Mechanical, (min. 0' 1 1/2"), 15=1438/0' 5 1/2", (min. 0' 2 1/16")
Max Horiz 2=300 (LC 18)
Max Uplift 2=-29 (LC 11), 11=-190 (LC 11), 15=-190 (LC 11)
Max Grav 2=526 (LC 2), 11=1532 (LC 37), 15=1727 (LC 3)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-11-11 max.): 4-9.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	I-Brace: 2x4 SPF No.2 - 7-11
WEBS	T-Brace: 2x4 SPF No.2 - 8-11, 4-15, 5-13

Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance.
Brace must cover 90% of web length.

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

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

TOP CHORD	2-19=-341/83, 19-20=-289/17, 3-22=-285/27, 4-23=-1155/135, 23-24=-1155/135, 5-24=-1155/135, 5-6=-1095/111, 6-7=-1095/111, 8-11=-319/79
BOT CHORD	14-15=-123/606, 14-29=-123/606, 13-29=-123/606, 12-13=-127/774, 12-30=-127/774, 11-30=-127/774
WEBS	7-11=-1281/218, 4-15=-1010/102, 3-15=-604/307, 5-13=-584/196, 7-13=0/645, 4-13=-64/846

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-10-9, Interior (1) 1-10-9 to 9-7-14, Exterior(2R) 9-7-14 to 20-2-7, Interior (1) 20-2-7 to 33-6-12, Exterior(2E) 33-6-12 to 37-3-8 zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 190 lb uplift at joint 11.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 15 and 2. This connection is for uplift only and does not consider lateral forces.
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.

Continued on page 2

13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	B3	Half Hip	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:35 — Page: 1

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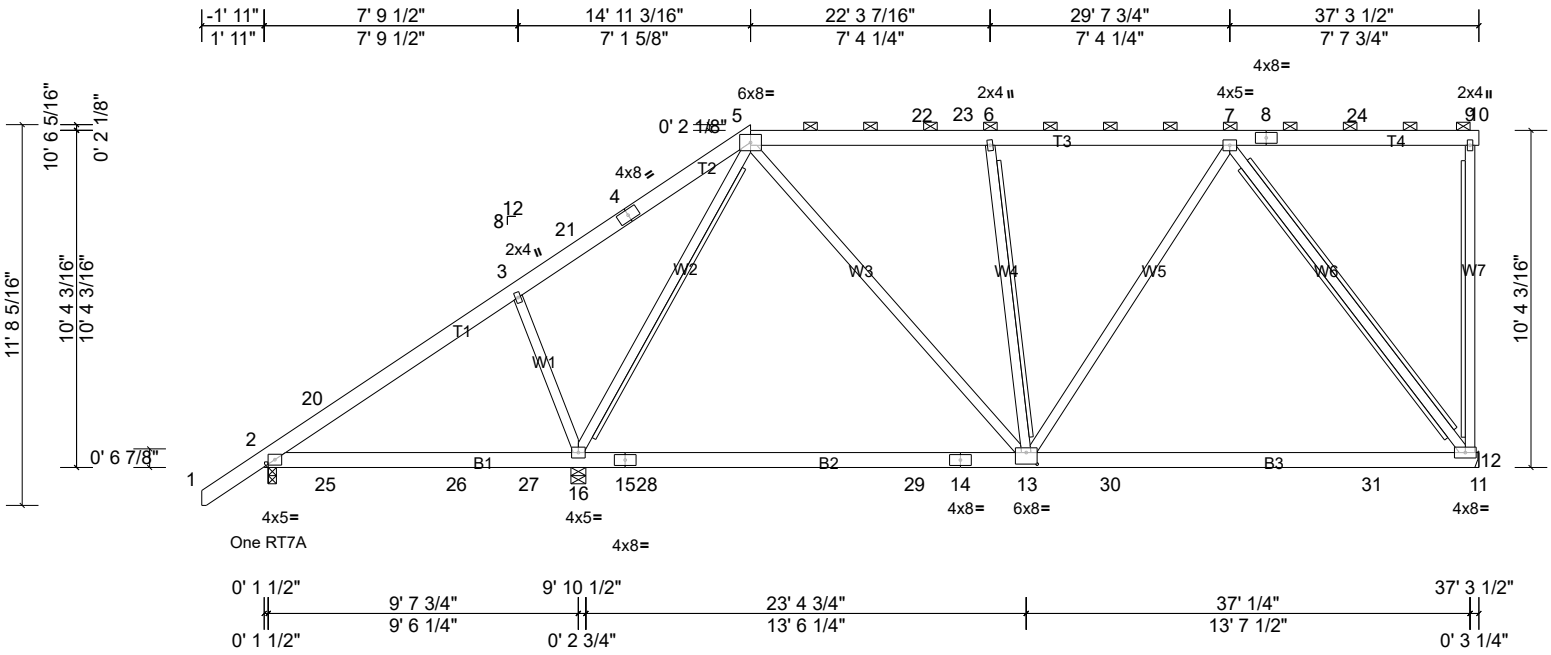

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Plate Offsets (X, Y): [13:0' 4",0' 4 1/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.51	Vert(LL)	-0.30	12-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.48	12-13	>687	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.02	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 292 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3:2x6 SP 2400F 2.0E
WEBS	2x4 SP No.2 *Except* W7,W1,W4:2x4 SP No.3
OTHERS	2x4 SP No.2(flat)

REACTIONS (lb/size) 2=528/0' 3", (min. 0' 1 1/2"), 12=1124/ Mechanical, (min. 0' 1 1/2"), 16=1442/0' 5 1/2", (min. 0' 2 1/16")
Max Horiz 2=400 (LC 14)
Max Uplift 2=-33 (LC 11), 12=-189 (LC 11), 16=-188 (LC 11)
Max Grav 2=537 (LC 36), 12=1516 (LC 37), 16=1726 (LC 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.): 5-10.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	I-Brace: 2x4 SPF No.2 - 7-12
WEBS	T-Brace: 2x4 SPF No.2 - 9-12, 5-16, 6-13

Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance.
Brace must cover 90% of web length.

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

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

TOP CHORD	2-20=-365/52, 3-20=-293/18, 3-21=-281/9, 5-22=-1147/137, 22-23=-1148/137, 6-23=-1149/137, 6-7=-1091/114, 9-12=-319/79
BOT CHORD	2-25=-173/260, 25-26=-173/260, 26-27=-173/260, 16-27=-173/260, 15-16=-121/590, 15-28=-121/590, 28-29=-121/590, 14-29=-121/590, 13-14=-121/590, 13-30=-130/771, 30-31=-130/771, 12-31=-130/771
WEBS	3-16=-554/285, 5-16=-1061/124, 6-13=-587/199, 7-13=0/627, 5-13=-72/857, 7-12=-1266/219

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-10-9, Interior (1) 1-10-9 to 9-7-14, Exterior(2R) 9-7-14 to 20-2-7, Interior (1) 20-2-7 to 33-6-12, Exterior(2E) 33-6-12 to 37-3-8 zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 189 lb uplift at joint 12.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 16 and 2. This connection is for uplift only and does not consider lateral forces.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	B3	Half Hip	1	1	Job Reference (optional)

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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	B4	Half Hip	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:36 — Page: 1

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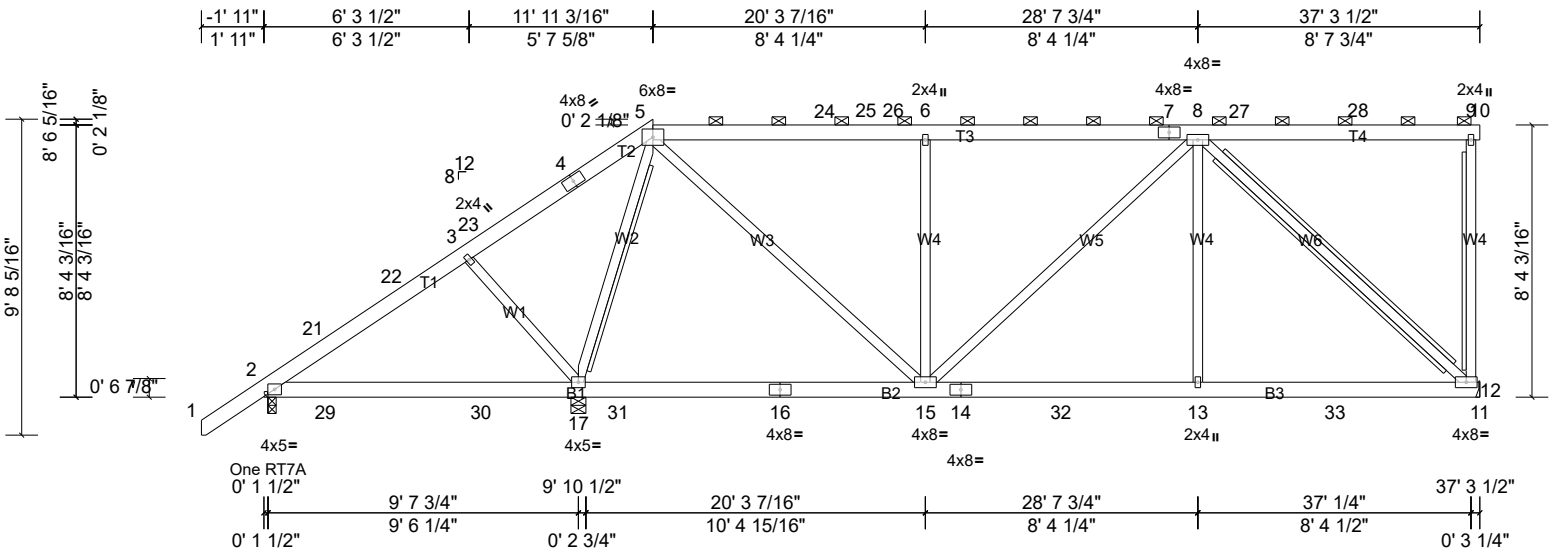


Scale = 1:70.7

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.64	Vert(LL)	0.09	17-20	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.18	15-17	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.02	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 287 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W3,W5,W6:2x4 SP No.2
OTHERS	2x4 SP No.2(flat)

REACTIONS (lb/size) 2=427/0' 3", (min. 0' 1 1/2"), 12=1088/ Mechanical, (min. 0' 1 1/2"), 17=1579/0' 5 1/2", (min. 0' 2 3/16")
Max Horiz 2=326 (LC 14)
Max Uplift 2=-28 (LC 14), 12=-180 (LC 11), 17=-250 (LC 11)
Max Grav 2=496 (LC 21), 12=1441 (LC 37), 17=1838 (LC 37)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-3-0 max.): 5-10.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-17.
WEBS	I-Brace: 2x4 SPF No.2 - 8-12
WEBS	T-Brace: 2x4 SPF No.2 - 9-12, 5-17

Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.

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

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

TOP CHORD	2-21=-321/57, 21-22=-277/15, 5-24=-1144/158, 24-25=-1145/158, 25-26=-1145/158, 6-26=-1146/158, 6-7=-1144/157, 7-8=-1144/157, 9-12=-360/90
BOT CHORD	17-31=-76/283, 16-31=-76/283, 15-16=-76/283, 14-15=-145/1082, 14-32=-145/1082, 13-32=-145/1082, 13-33=-145/1082, 12-33=-145/1082
WEBS	3-17=-489/214, 5-17=-1314/213, 5-15=-133/1205, 6-15=-637/221, 8-13=0/489, 8-12=-1465/197

NOTES

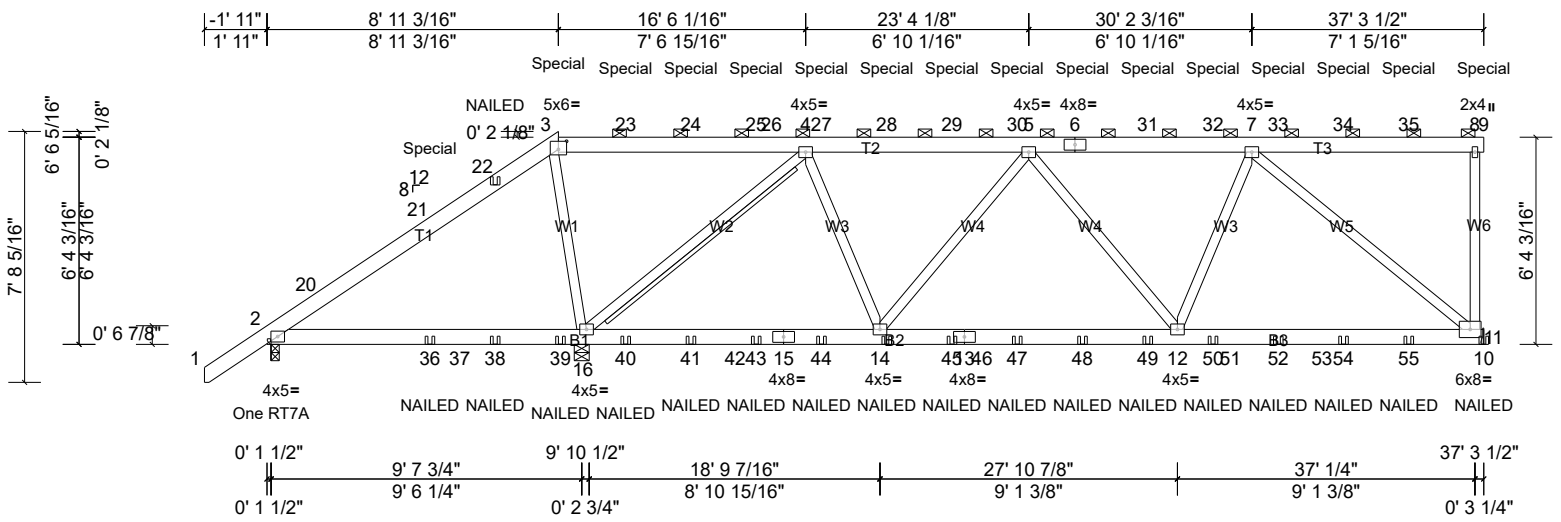
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-3 to 1-10-9, Interior (1) 1-10-9 to 6-7-14, Exterior(2R) 6-7-14 to 17-2-7, Interior (1) 17-2-7 to 33-6-12, Exterior(2E) 33-6-12 to 37-3-8 zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 180 lb uplift at joint 12.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 17 and 2. This connection is for uplift only and does not consider lateral forces.
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.

Continued on page 2

13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	B5	Half Hip Girder	1	**2**	Job Reference (optional)



Scale = 1:70.6

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

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SPF No.2(flat)

REACTIONS (lb/size) 2=107/0' 3", (min. 0' 1 1/2"), 11=2531/ Mechanical, (min. 0' 1 1/2"), 16=4186/0' 5 1/2", (min. 0' 2 11/16")
Max Horiz 2=253 (LC 12)
Max Uplift 2=-228 (LC 53), 11=-884 (LC 9), 16=-1511 (LC 9)
Max Grav 2=290 (LC 19), 11=2808 (LC 43), 16=4600 (LC 43)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-9.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-16.
WEBS	T-Brace: 2x4 SPF No.2 - 4-16 Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	C1	Attic	4	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:41 — Page: 1

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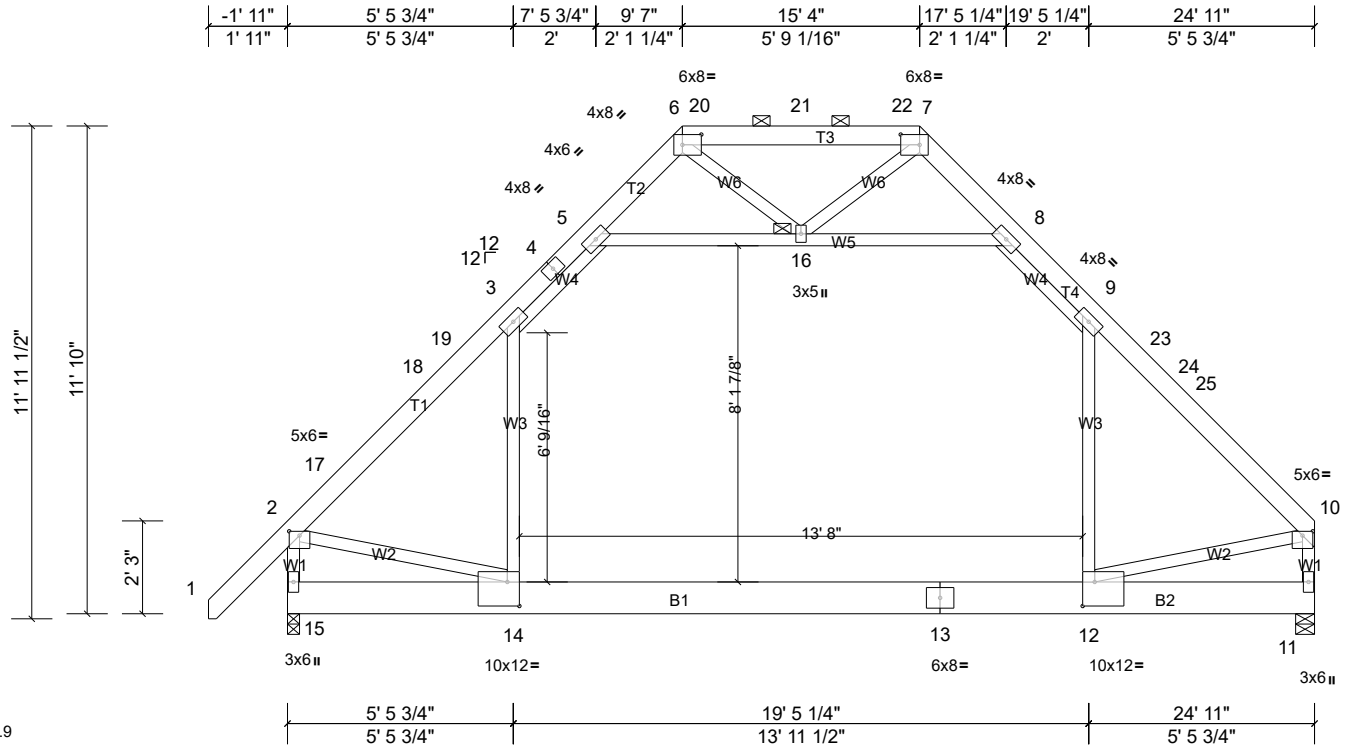

Scale = 1:55.9

Plate Offsets (X, Y): [2:0' 3",0' 1 1/4"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [10:0' 3",0' 1 1/4"], [12:0' 3 1/2",0' 7"], [14:0' 3 1/2",0' 7"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.24	12-14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.36	12-14	>816	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.16	12-14	>999	360		
BCDL	10.0										Weight: 256 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x10 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2

REACTIONS (lb/size) 11=1190/0' 5 1/2", (min. 0' 1 1/2"), 15=1318/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 15=254 (LC 13)
Max Grav 11=1607 (LC 46), 15=1713 (LC 46)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 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.
JOINTS	1 Brace at Jt(s): 16

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

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

TOP CHORD	2-17=-1812/0, 17-18=-1691/0, 18-19=-1652/0, 3-19=-1614/0, 3-4=-1138/93, 4-5=-1039/112, 5-6=-499/135, 6-20=-323/160, 20-21=-323/160, 21-22=-323/160, 7-22=-323/160, 7-8=-496/133, 8-9=-1140/113, 9-23=-1601/0, 23-24=-1639/0, 24-25=-1678/0, 10-25=-1799/0, 2-15=-1820/0, 10-11=-1718/0
BOT CHORD	14-15=-260/308, 13-14=0/1170, 12-13=0/1170
WEBS	3-14=-20/822, 9-12=-41/807, 5-16=-1314/71, 8-16=-1313/70, 2-14=0/1146, 10-12=0/1134

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-4-1, Exterior(2R) 5-4-1 to 19-5-7, Interior (1) 19-5-7 to 21-9-4, Exterior(2E) 21-9-4 to 24-9-4 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) Ceiling dead load (5.0 psf) on member(s). 3-5, 8-9, 5-16, 8-16; Wall dead load (5.0psf) on member(s).3-14, 9-12
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-14
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) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	C2	Attic Girder	1	3	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:41 — Page: 1

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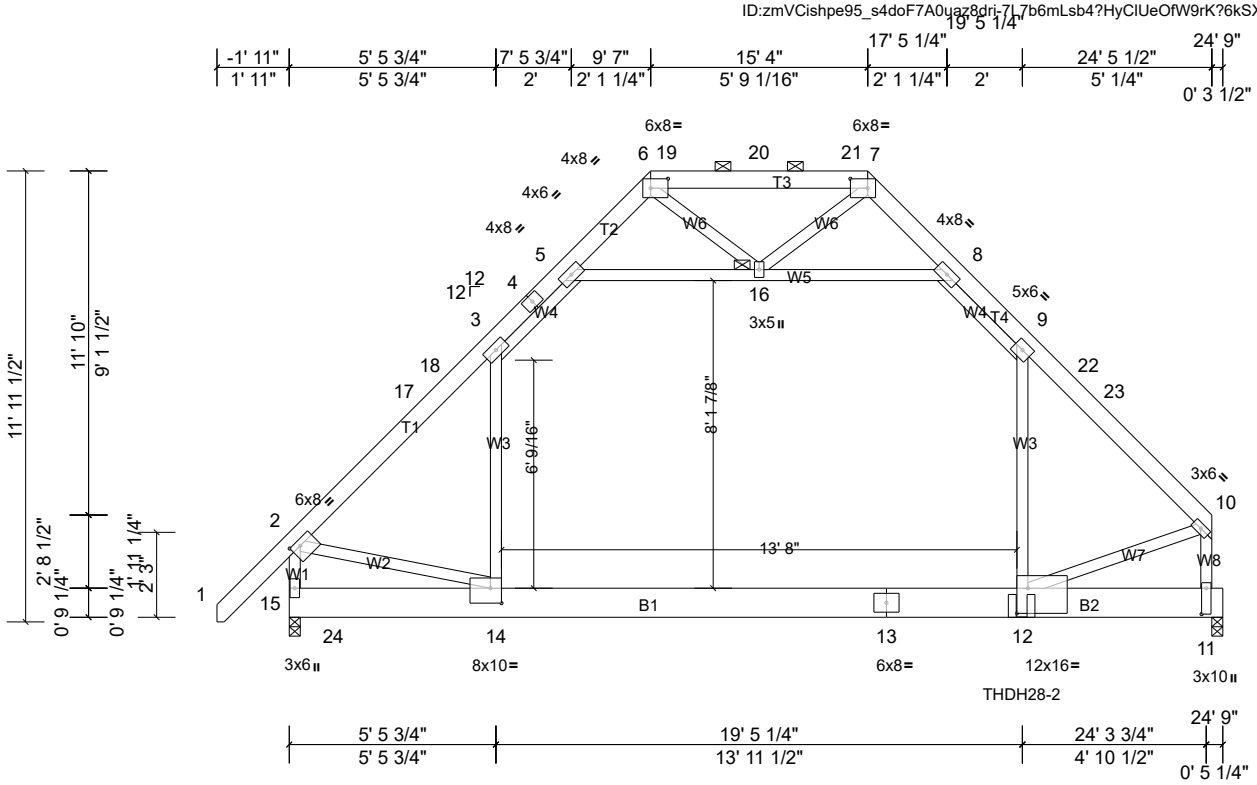

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Plate Offsets (X, Y): [2:0' 3",0' 1 3/4"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [11:0' 8 1/4",0' 1 1/2"], [12:0' 3 1/2",0' 8"], [14:0' 3 1/2",0' 4 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.19	12-14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	-0.31	12-14	>925	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.45	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.12	12-14	>999	360		
BCDL	10.0										Weight: 761 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2 *Except* T2:2x6 SP 2400F 2.0E
BOT CHORD	2x10 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 16

REACTIONS (lb/size) 11=3890/0' 3 1/2", (min. 0' 1 1/2"), 15=3553/0' 3 1/2", (min. 0' 1 11/16")
Max Horiz 15=253 (LC 9)
Max Grav 11=4746 (LC 2), 15=6102 (LC 2)

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

TOP CHORD	2-17=-4593/0, 17-18=-4448/0, 3-18=-4424/0, 3-4=-2482/0, 4-5=-2405/0, 5-6=-116/557, 6-19=0/898, 19-20=0/898, 20-21=0/898, 7-21=0/898, 7-8=-126/568, 8-9=-2428/0, 9-22=-4480/0, 22-23=-4505/0, 10-23=-4617/0, 2-15=-4447/0
BOT CHORD	15-24=-174/501, 14-24=-174/501, 13-14=0/3032, 12-13=0/3032
WEBS	3-14=0/2837, 9-12=0/3004, 5-16=-4004/0, 8-16=-3919/0, 2-14=0/2890, 10-12=0/3305, 10-11=-4861/0, 6-16=-71/259

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" oc, 2x4 - 1 row at 0' 9" oc.
   Bottom chords connected as follows: 2x10 - 5 rows staggered at 0' 8" oc.
   Web connected as follows: 2x4 - 1 row at 0' 9" oc, Except member 9-12 2x4 - 1 row at 0' 4" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 20.0 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) Ceiling dead load (5.0 psf) on member(s). 3-5, 8-9, 5-16, 8-16; Wall dead load (5.0psf) on member(s).3-14, 9-12
12) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-14
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) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
15) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

16) Use MiTek THDH28-2 (With 36-16d nails into Girder & 4-16d nails into Truss) or equivalent at 19-5-0 from the left end to connect truss(es) GR2 (2 ply 2x6 SP) to back face of bottom chord.
17) Fill all nail holes where hanger is in contact with lumber.
18) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2350 lb down at 1-2-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
19) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-3=-60, 3-5=-70, 5-6=-60, 6-7=-60, 7-8=-60, 8-9=-70, 9-10=-60, 15-24=-20, 14-24=-73 (B=-53), 12-14=-83 (B=-53), 11-12=-20, 5-16=-10, 8-16=-10
   Drag: 3-14=-10, 9-12=-10
   Concentrated Loads (lb)
   Vert: 12=-2828 (B), 24=-1175 (B)
2) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-3=-60, 3-5=-70, 5-6=-60, 6-7=-60, 7-8=-60, 8-9=-70, 9-10=-60, 15-24=-20, 14-24=-214 (B=-194), 12-14=-224 (B=-194), 11-12=-20, 5-16=-10, 8-16=-10
   Drag: 3-14=-10, 9-12=-10
   Concentrated Loads (lb)
   Vert: 12=-2482 (B), 24=-2350 (B)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	C2A	Attic Girder	1	3	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:42 — Page: 1

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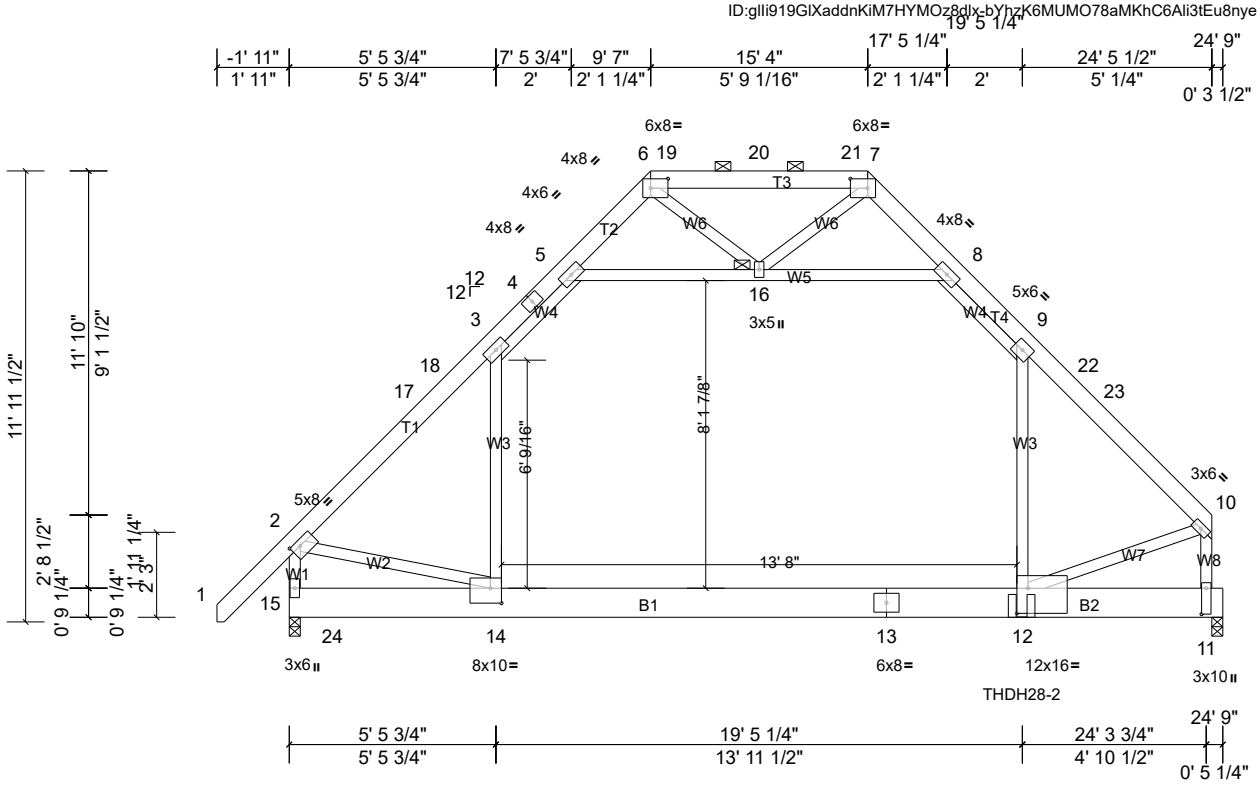

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Plate Offsets (X, Y): [2:0' 3",0' 1 3/4"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [11:0' 8 1/4",0' 1 1/2"], [12:0' 3 1/2",0' 8"], [14:0' 3 1/2",0' 4 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.74	Vert(LL)	-0.18	12-14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	-0.29	12-14	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.44	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.11	12-14	>999	360		
BCDL	10.0										Weight: 761 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E *Except* T3,T1:2x6 SP No.2
BOT CHORD	2x10 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 16

REACTIONS (lb/size) 11=3726/0' 3 1/2", (min. 0' 1 1/2"), 15=3513/0' 3 1/2", (min. 0' 1 11/16")
Max Horiz 15=286 (LC 9)
Max Grav 11=4545 (LC 2), 15=6057 (LC 2)

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

TOP CHORD	2-17=-4501/0, 17-18=-4356/0, 3-18=-4332/0, 3-4=-2437/0, 4-5=-2360/0, 5-6=-151/526, 6-19=0/839, 19-20=0/839, 20-21=0/839, 7-21=0/839, 7-8=-186/508, 8-9=-2370/0, 9-22=-4417/0, 22-23=-4443/0, 10-23=-4554/0, 2-15=-4340/0
BOT CHORD	15-24=-192/510, 14-24=-192/510, 13-14=0/2979, 12-13=0/2979
WEBS	3-14=0/2751, 9-12=0/2979, 5-16=-3915/0, 8-16=-3779/0, 10-11=-4802/0, 2-14=0/2842, 10-12=0/3247, 6-16=-80/291

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" oc, 2x4 - 1 row at 0' 9" oc.
   Bottom chords connected as follows: 2x10 - 5 rows staggered at 0' 8" oc.
   Web connected as follows: 2x4 - 1 row at 0' 9" oc, Except member 9-12 2x4 - 2 rows staggered at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 20.0 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) Ceiling dead load (5.0 psf) on member(s). 3-5, 8-9, 5-16, 8-16; Wall dead load (5.0psf) on member(s).3-14, 9-12
12) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-14
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) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
15) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

16) Use MiTek THDH28-2 (With 36-16d nails into Girder & 4-16d nails into Truss) or equivalent at 19-5-0 from the left end to connect truss(es) GR2 (2 ply 2x6 SP) to front face of bottom chord.
17) Fill all nail holes where hanger is in contact with lumber.
18) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2350 lb down at 1-1-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
19) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-3=-60, 3-5=-70, 5-6=-60, 6-7=-60, 7-8=-60, 8-9=-70, 9-10=-60, 15-24=-20, 14-24=-73 (F=-53), 12-14=-83 (F=-53), 11-12=-20, 5-16=-10, 8-16=-10
   Drag: 3-14=-10, 9-12=-10
   Concentrated Loads (lb)
   Vert: 12=-2624 (F), 24=-1175 (F)
2) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-3=-60, 3-5=-70, 5-6=-60, 6-7=-60, 7-8=-60, 8-9=-70, 9-10=-60, 15-24=-20, 14-24=-214 (F=-194), 12-14=-224 (F=-194), 11-12=-20, 5-16=-10, 8-16=-10
   Drag: 3-14=-10, 9-12=-10
   Concentrated Loads (lb)
   Vert: 12=-2233 (F), 24=-2350 (F)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	C3	Attic	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:43 — Page: 1

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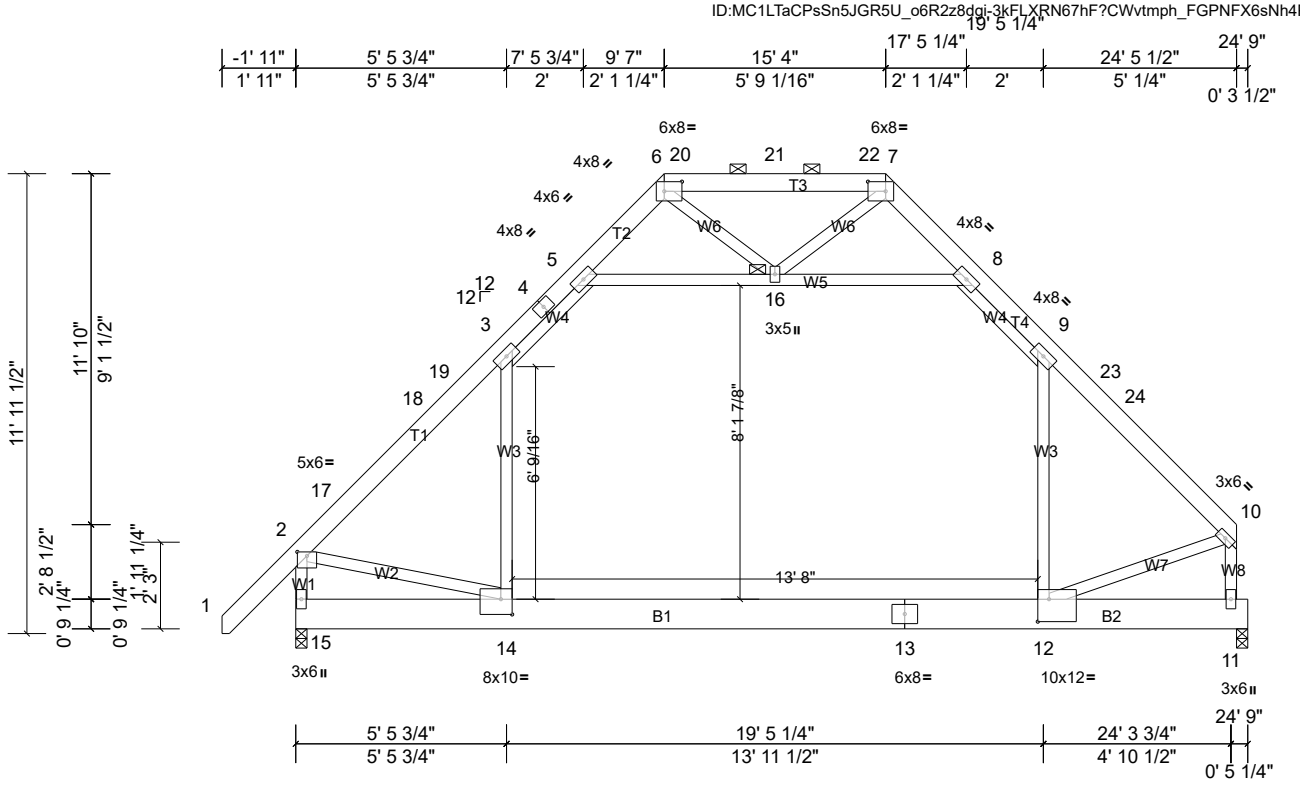

Scale = 1:59.9

Plate Offsets (X, Y): [2:0' 3",0' 1 1/4"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [12:0' 3 1/2",0' 7"], [14:0' 3 1/2",0' 4 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.89	Vert(LL)	-0.23	12-14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.35	12-14	>831	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.16	12-14	>999	360		
BCDL	10.0										Weight: 254 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x10 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2

REACTIONS (lb/size) 11=1612/0' 3 1/2", (min. 0' 1 11/16"), 15=1295/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 15=286 (LC 11)
Max Grav 11=2005 (LC 46), 15=1683 (LC 46)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 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.
JOINTS	1 Brace at Jt(s): 16

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

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

TOP CHORD	2-17=-1746/0, 17-18=-1625/0, 18-19=-1586/0, 3-19=-1547/0, 3-4=-1103/95, 4-5=-1005/115, 5-6=-509/131, 6-20=-335/145, 20-21=-335/145, 21-22=-335/145, 7-22=-335/145, 7-8=-507/133, 8-9=-1110/116, 9-23=-1545/0, 23-24=-1570/0, 10-24=-1695/0, 2-15=-1758/0
BOT CHORD	14-15=-274/325, 13-14=0/1125, 12-13=0/1125
WEBS	3-14=-45/788, 9-12=-89/754, 5-16=-1241/72, 8-16=-1257/69, 2-14=0/1101, 10-11=-2230/9, 10-12=0/1228

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-4-1, Exterior(2R) 5-4-1 to 19-5-7, Interior (1) 19-5-7 to 21-3-12, Exterior(2E) 21-3-12 to 24-3-12 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) Ceiling dead load (5.0 psf) on member(s). 3-5, 8-9, 5-16, 8-16; Wall dead load (5.0psf) on member(s).3-14, 9-12
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-14
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) 460 lb down and 80 lb up at 24-3-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.
14) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

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

Continued on page 2

Vert: 1-2=-60, 2-3=-60, 3-5=-70, 5-6=-60, 6-7=-60, 7-8=-60, 8-9=-70, 9-10=-60, 14-15=-20, 12-14=-30, 11-12=-20, 5-16=-10, 8-16=-10
Drag: 3-14=-10, 9-12=-10

Concentrated Loads (lb)
Vert: 10=-437

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	C4	Attic Girder	1	2	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:43 — Page: 1

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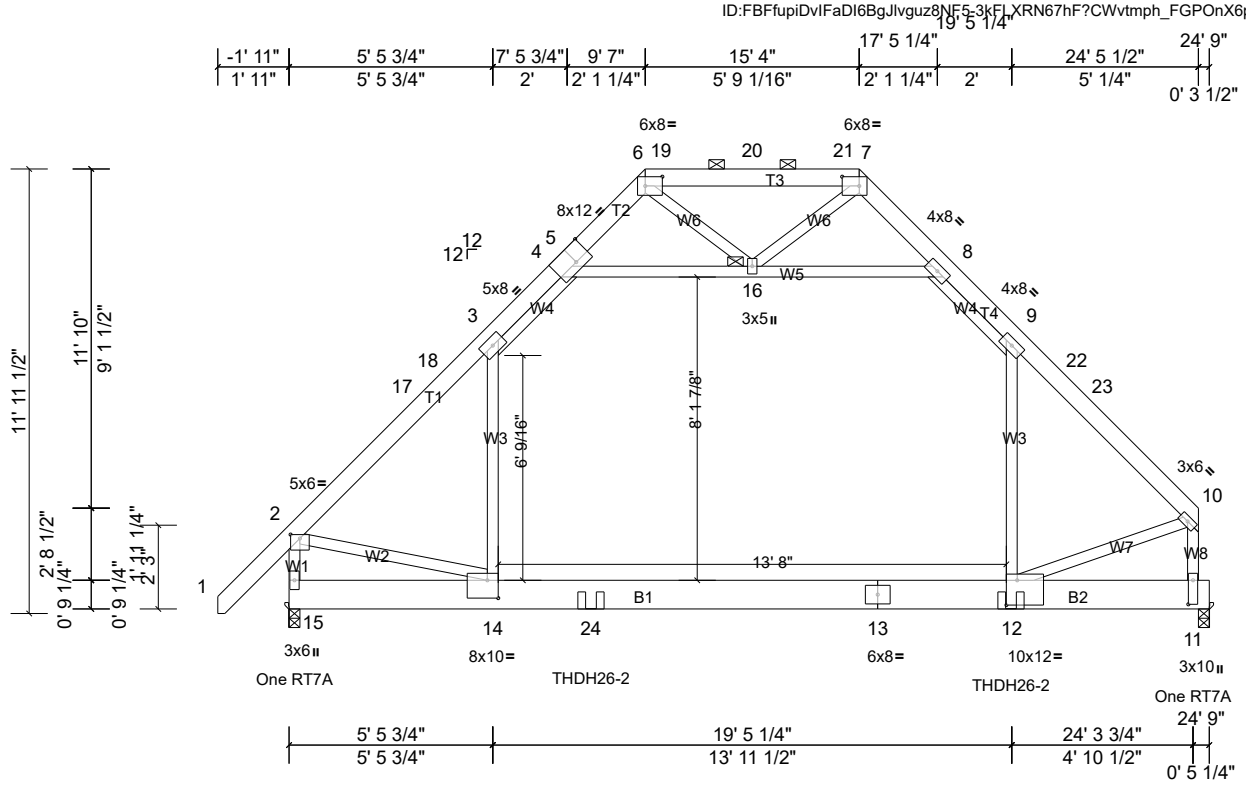

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LUMBER

TOP CHORD	2x6 SP No.2 *Except* T4,T1:2x6 SP 2400F 2.0E
BOT CHORD	2x10 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2

REACTIONS (lb/size) 11=3136/0' 3 1/2", (min. 0' 1 1/2"), 15=2921/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 15=253 (LC 9)
Max Uplift 11=-411 (LC 13), 15=-342 (LC 12)
Max Grav 11=3440 (LC 48), 15=3302 (LC 46)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 16

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	C5	Attic Structural Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:44 — Page: 1

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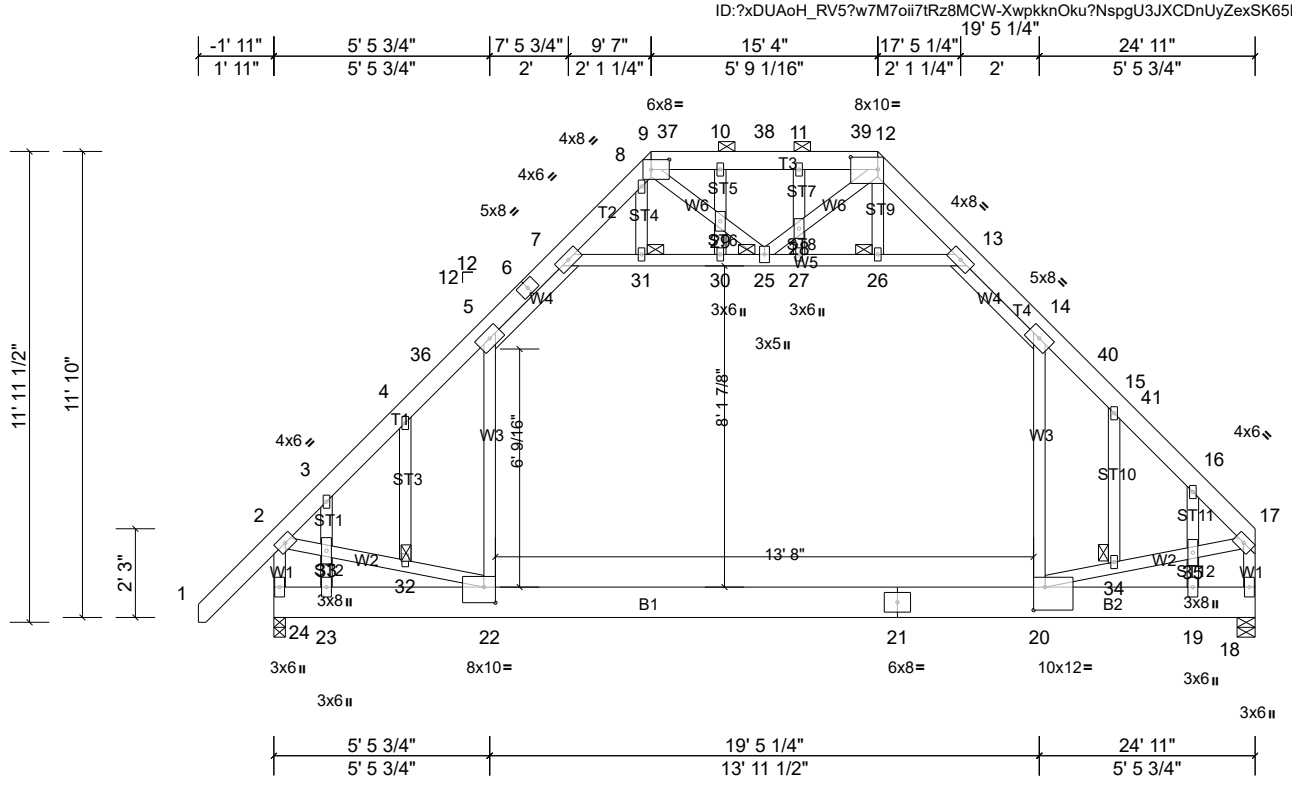


Scale = 1:58.5

Plate Offsets (X, Y): [9:0' 5 1/2",0' 3"], [12:0' 8 1/4",0' 3 3/4"], [20:0' 3 1/2",0' 7"], [22:0' 3 1/2",0' 4 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.79	Vert(LL)	-0.22	20-22	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.33	Vert(CT)	-0.33	20-22	>892	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.01	18	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.15	20-22	>999	360		
BCDL	10.0										Weight: 285 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x10 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W5,W2:2x4 SP No.2
OTHERS	2x4 SP No.3

REACTIONS (lb/size) 18=1190/0' 5 1/2", (min. 0' 1 1/2"), 24=1318/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 24=254 (LC 13)
Max Grav 18=1608 (LC 46), 24=1720 (LC 46)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-8-2 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 9-12.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 25, 26, 31, 32, 34

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

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

TOP CHORD	2-3=-1526/0, 3-4=-1870/0, 4-36=-1744/0, 5-36=-1647/0, 5-6=-1141/94, 6-7=-1043/113, 7-8=-515/115, 8-9=-384/123, 9-37=-443/140, 10-37=-443/140, 10-38=-443/140, 11-38=-443/140, 11-39=-443/140, 12-39=-443/140, 12-13=-511/116, 13-14=-1138/113, 14-40=-1655/0, 15-40=-1741/0, 15-41=-1811/0, 16-41=-1874/0, 16-17=-1538/0, 2-24=-1332/28, 17-18=-1255/0
BOT CHORD	23-24=-261/284, 22-23=-261/284, 21-22=0/1171, 20-21=0/1171
WEBS	5-22=0/905, 14-20=0/922, 7-31=-1273/68, 30-31=-1271/68, 25-30=-1271/68, 25-27=-1256/67, 26-27=-1256/67, 13-26=-1256/67, 9-29=-87/259, 12-28=-88/254, 2-33=0/1176, 32-33=0/1197, 22-32=0/1223, 20-34=0/1195, 34-35=0/1165, 17-35=0/1145, 3-33=-544/27, 23-33=-673/45, 16-35=-576/80, 19-35=-710/100

NOTES

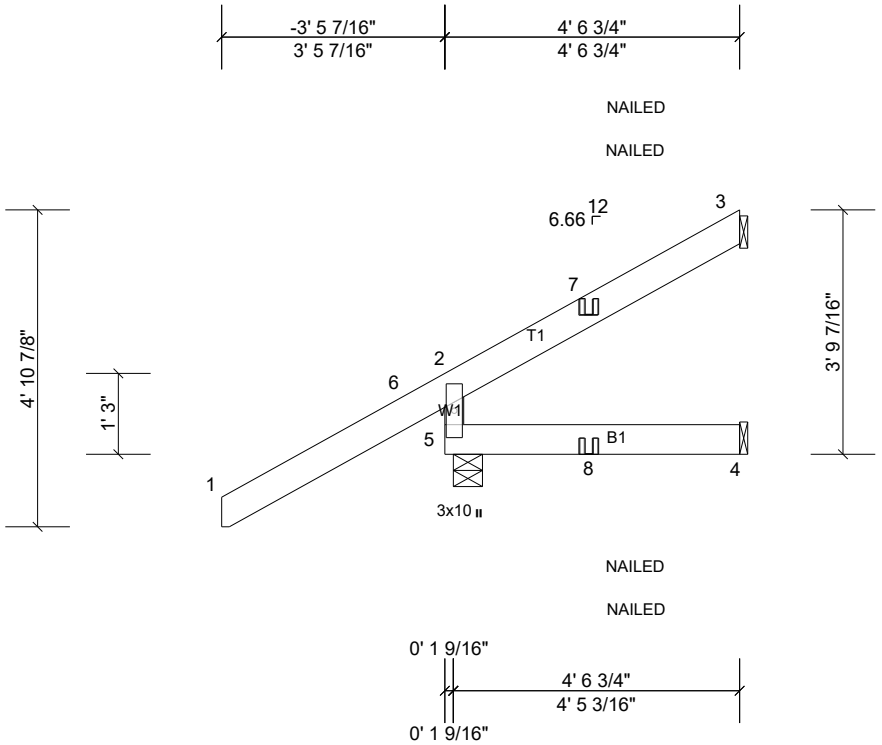
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-3-13, Interior (1) 1-3-13 to 5-4-1, Exterior(2R) 5-4-1 to 19-5-7, Interior (1) 19-5-7 to 21-9-4, Exterior(2E) 21-9-4 to 24-9-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x4 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) Ceiling dead load (5.0 psf) on member(s). 5-7, 13-14, 7-31, 30-31, 25-30, 25-27, 26-27, 13-26; Wall dead load (5.0psf) on member(s).5-22, 14-20
13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 20-22

Continued on page 2

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.
16) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	CJ04	Diagonal Hip Girder	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.01	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 33 lb	FT = 20%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 3=40/ Mechanical, (min. 0' 1 1/2"), 4=24/ Mechanical, (min. 0' 1 1/2"), 5=448/0' 5 7/16", (min. 0' 1 1/2")
Max Horiz 5=150 (LC 12)
Max Uplift 3=-73 (LC 12), 4=-25 (LC 9), 5=-131 (LC 12)
Max Grav 3=115 (LC 19), 4=76 (LC 7), 5=558 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-502/141

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; porch left and right exposed; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 4. This connection is for uplift only and does not consider lateral forces.
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) "NAILED" indicates 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-60, 2-3=-60, 4-5=-20
Concentrated Loads (lb)
Vert: 7=46 (B), 8=3 (F=1, B=2)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	CJ08	Diagonal Hip Girder	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:45 — Page: 1

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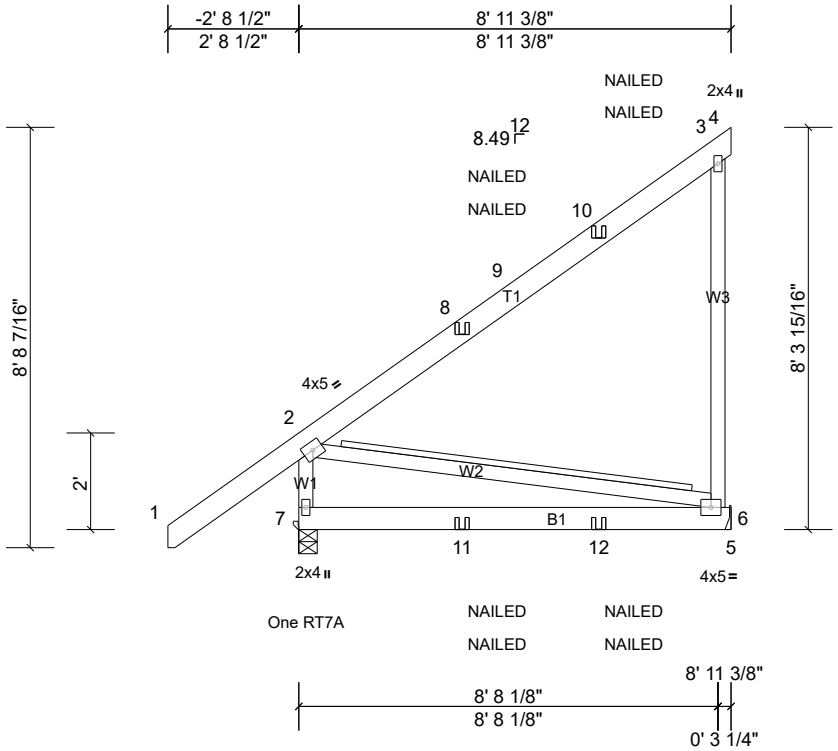

Scale = 1:47.7

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	0.15	6-7	>680	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.51	Vert(CT)	-0.19	6-7	>552	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.09	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 80 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SPF No.2(flat)

REACTIONS (lb/size) 6=504/ Mechanical, (min. 0' 1 1/2"), 7=603/0' 4 9/16", (min. 0' 1 1/2")
Max Horiz 7=287 (LC 12)
Max Uplift 6=-447 (LC 12), 7=-198 (LC 8)
Max Grav 6=565 (LC 19), 7=612 (LC 19)

BRACING

TOP CHORD — Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

BOT CHORD — Rigid ceiling directly applied or 10-0-0 oc bracing.

WEBS — T-Brace: 2x4 SPF No.2 - 2-6
Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance.
Brace must cover 90% of web length.

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

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

TOP CHORD	2-7=-517/127, 2-8=-272/113, 3-6=-448/330
BOT CHORD	7-11=-287/96, 11-12=-287/96, 6-12=-287/96
WEBS	2-6=-98/292

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; porch left and right exposed; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 447 lb uplift at joint 6.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 7. This connection is for uplift only and does not consider lateral forces.
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) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
12) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-60, 2-3=-60, 3-4=-60, 5-7=-20

Continued on page 2

Concentrated Loads (lb)

Vert: 10=-200 (F=-100, B=-100), 11=1 (F=1, B=1), 12=-37 (F=-19, B=-19)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	D1	Piggyback Base	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:46 — Page: 1

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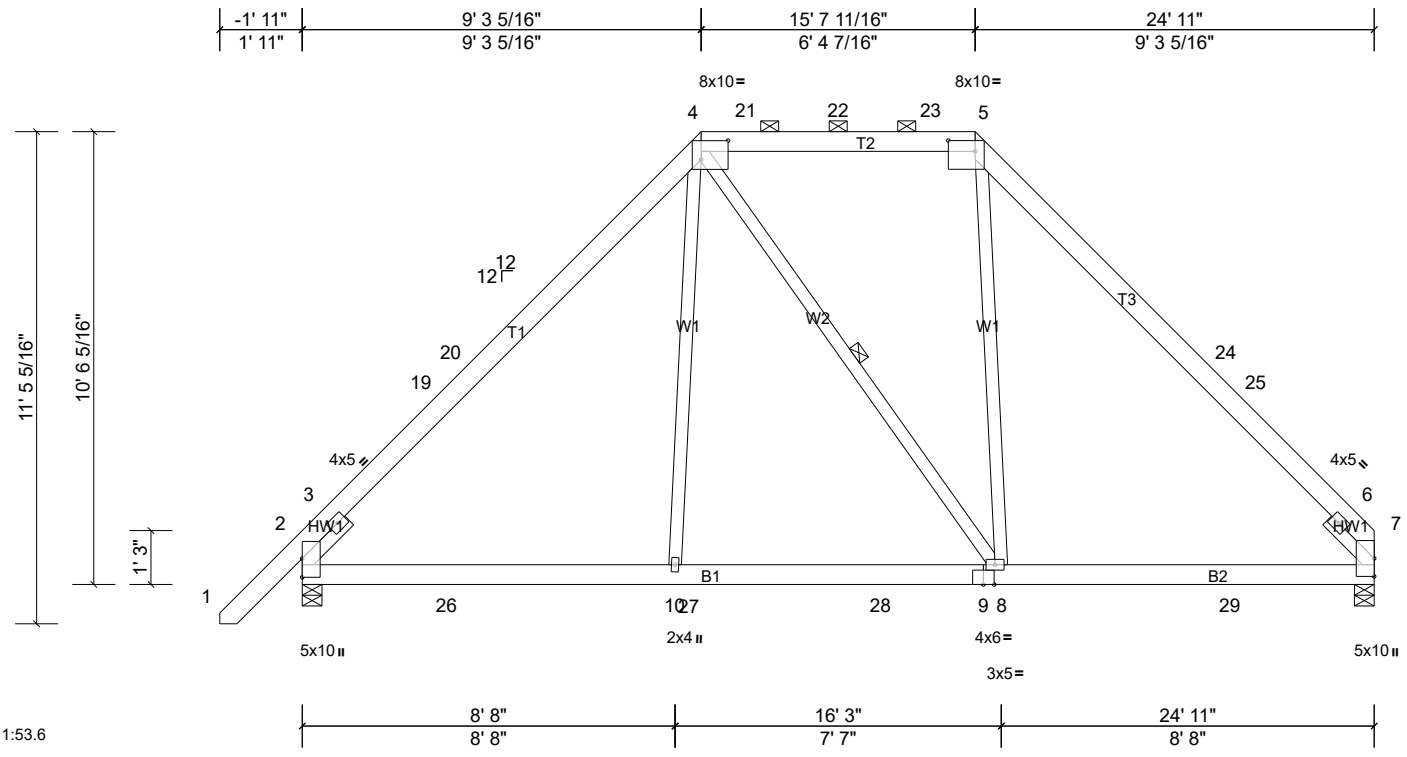

Scale = 1:53.6

Plate Offsets (X, Y): [4:0' 7 1/2",0' 5 1/4"], [5:0' 7 1/2",0' 3"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	0.08	8-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.11	8-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.04	7	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 192 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W2:2x4 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1' 6", Right 2x4 SP No.3 -- 1' 6"

REACTIONS (lb/size) 2=1103/0' 5 1/2", (min. 0' 1 5/8"), 7=993/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 2=247 (LC 13)
Max Uplift 2=-111 (LC 14), 7=-76 (LC 15)
Max Grav 2=1378 (LC 45), 7=1280 (LC 45)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-11-15 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-8

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

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

TOP CHORD	2-3=-915/405, 3-19=-1353/102, 19-20=-1222/108, 4-20=-1143/154, 4-21=-778/232, 21-22=-778/232, 22-23=-778/232, 5-23=-778/232, 5-24=-1141/155, 24-25=-1217/109, 6-25=-1348/103, 6-7=-788/105
BOT CHORD	2-26=-329/861, 10-26=-82/861, 10-27=-85/834, 27-28=-85/834, 9-28=-85/834, 8-9=-85/834, 8-29=0/803, 7-29=0/803
WEBS	4-10=0/460, 5-8=-8/468

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-8-10 to 1-3-6, Interior (1) 1-3-6 to 5-0-6, Exterior(2R) 5-0-6 to 19-10-10, Interior (1) 19-10-10 to 21-11-0, Exterior(2E) 21-11-0 to 24-11-0 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 7 and 2. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	D2	Piggyback Base Girder	1	**2**	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:46 — Page: 1

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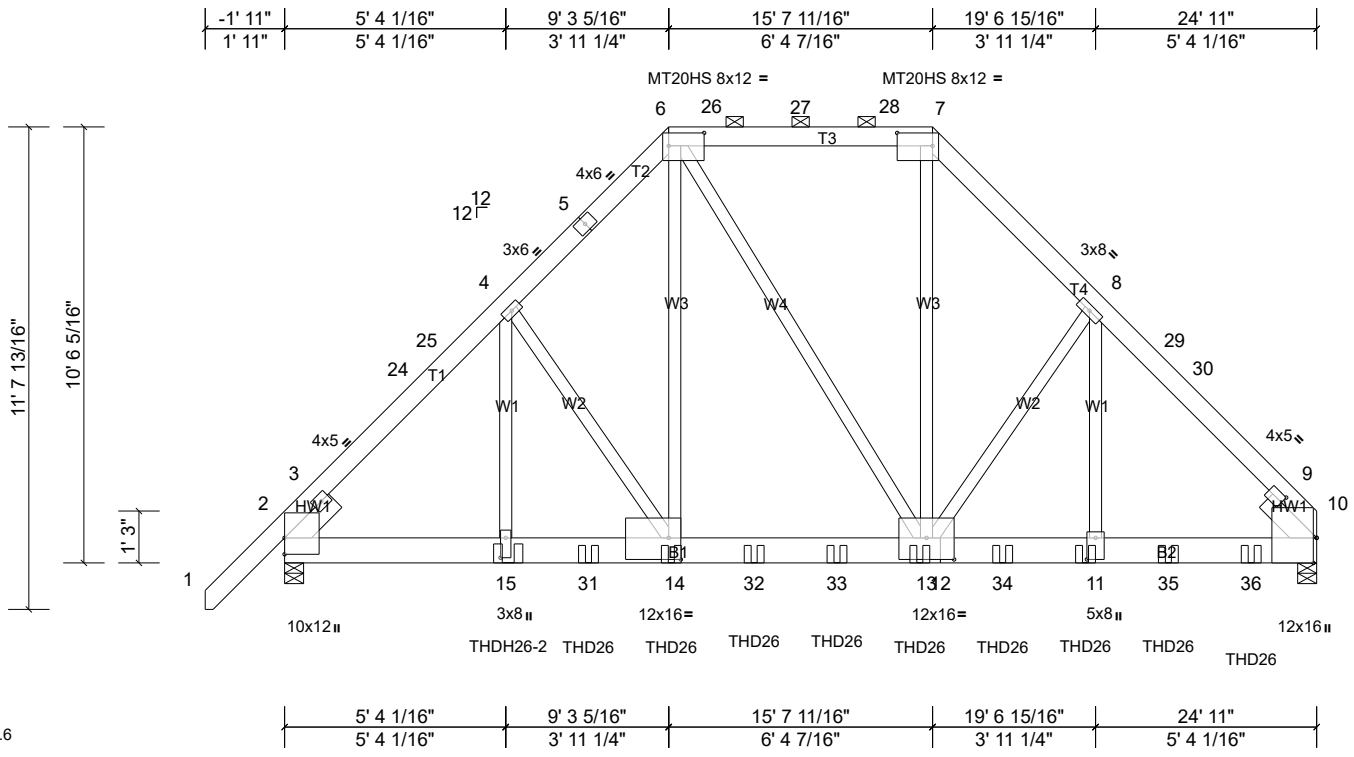

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Plate Offsets (X, Y): [2:Edge,0'], [6:0' 10 1/4",0' 3 3/4"], [7:0' 10 1/4",0' 3 3/4"], [10:0' 7 1/4",Edge], [10:1' 2 1/2",0' 2"], [11:0' 6 1/4",0' 2 1/2"], [12:0' 8",0' 6 1/4"], [14:0' 3 1/2",0' 6 1/4"], [15:0' 5 3/4",0' 1 1/2"]

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W3,W4:2x4 SP No.2
SLIDER	Left 2x6 SP No.2 -- 1' 6", Right 2x6 SP No.2 -- 1' 6"

REACTIONS (lb/size) 2=8204/0' 5 1/2", (min. 0' 3 9/16"), 10=10090/0' 5 1/2", (min. 0' 4 1/2")
Max Horiz 2=248 (LC 9)
Max Uplift 2=-1355 (LC 12), 10=-963 (LC 13)
Max Grav 2=8657 (LC 45), 10=10816 (LC 47)

BRACING

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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	D3	Piggyback Base Structural Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:47 — Page: 1

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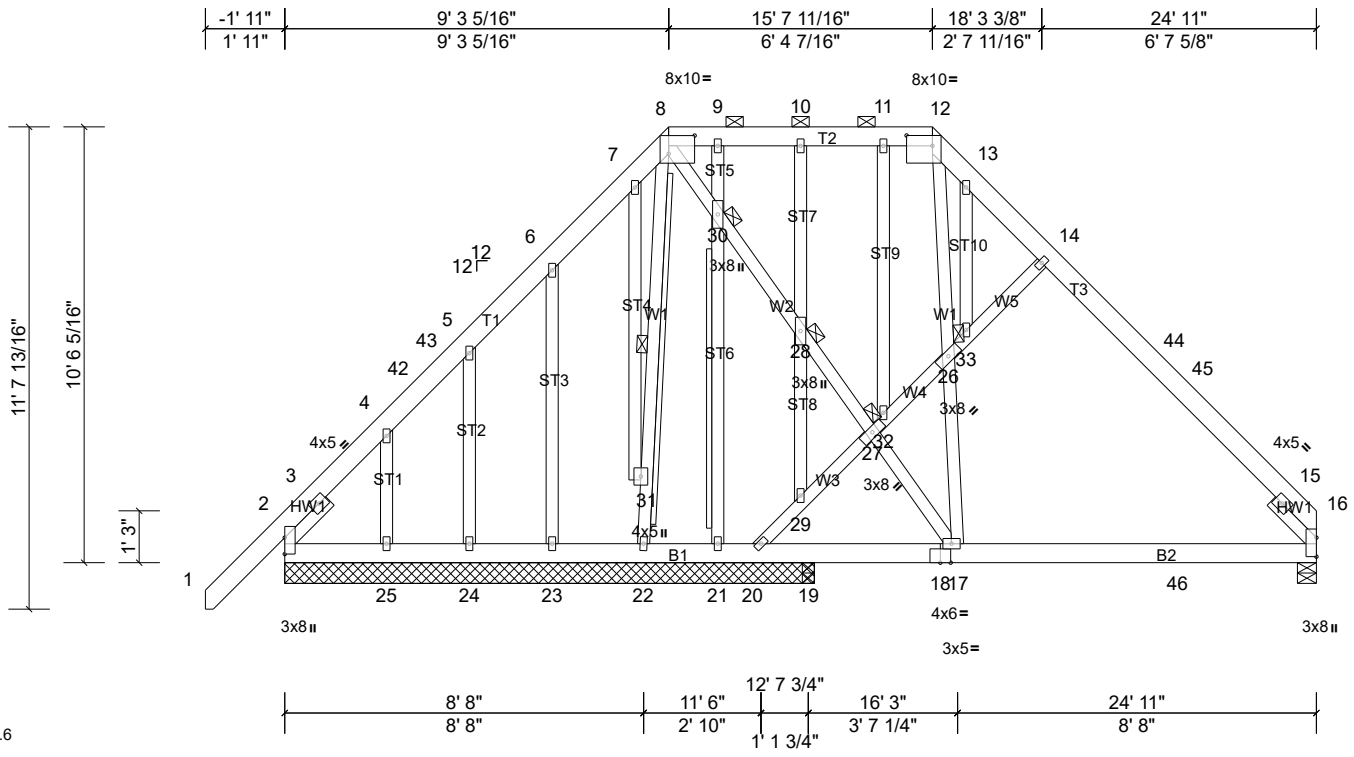

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Plate Offsets (X, Y): [8:0' 7 1/2",0' 5 1/4"], [12:0' 7 1/2",0' 3"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.05	17-36	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.33	Vert(CT)	-0.09	17-36	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.01	16	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 281 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3 *Except* O1,O2:2x4 SPF No.2(flat)
SLIDER	Left 2x4 SP No.3 -- 1' 6", Right 2x4 SP No.3 -- 1' 6"

REACTIONS All bearings 12' 9 1/2". except 16=0' 5 1/2", 19=0' 3 1/2"

(lb) - Max Horiz 2=248 (LC 13), 38=248 (LC 13)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 16, 19, 21, 24, 38 except 20=-221 (LC 15), 23=-114 (LC 14), 25=-186 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 19, 25 except 2=379 (LC 25), 16=810 (LC 49), 20=395 (LC 49), 21=326 (LC 38), 22=387 (LC 53), 23=301 (LC 47), 24=256 (LC 47), 38=379 (LC 25)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 8-12.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 8-22
WEBS	T-Brace: 2x4 SPF No.2 - 21-30 Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.
JOINTS	1 Brace at Jt(s): 26, 27, 28, 30

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

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

TOP CHORD 3-4=-258/142, 6-7=-251/196, 7-8=-253/189, 8-9=-256/117, 9-10=-256/117, 10-11=-256/117, 11-12=-256/117, 12-13=-355/116, 13-14=-466/140, 14-44=-603/118, 44-45=-640/91, 15-45=-733/90, 15-16=-474/0

BOT CHORD 19-20=-25/320, 18-19=-25/320, 17-18=-25/320, 17-46=0/448, 16-46=0/448

WEBS 22-31=-313/0, 8-30=0/339, 28-30=0/329, 27-28=0/308, 17-27=0/259, 26-33=-377/221, 14-33=-414/252, 27-32=-398/245, 26-32=-410/241, 20-29=-412/258, 27-29=-400/247, 9-30=-291/47, 21-30=-296/58

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-0-6, Exterior(2R) 5-0-6 to 19-10-10, Interior (1) 19-10-10 to 21-11-0, Exterior(2E) 21-11-0 to 24-11-0 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x4 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.

Continued on page 2

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, with BCDL = 10.0psf.
12) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 16, 2, 20, 21, 23, 24, 25, and 19. This connection is for uplift only and does not consider lateral forces.
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.
15) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F1	Piggyback Base	5	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:48 — Page: 1

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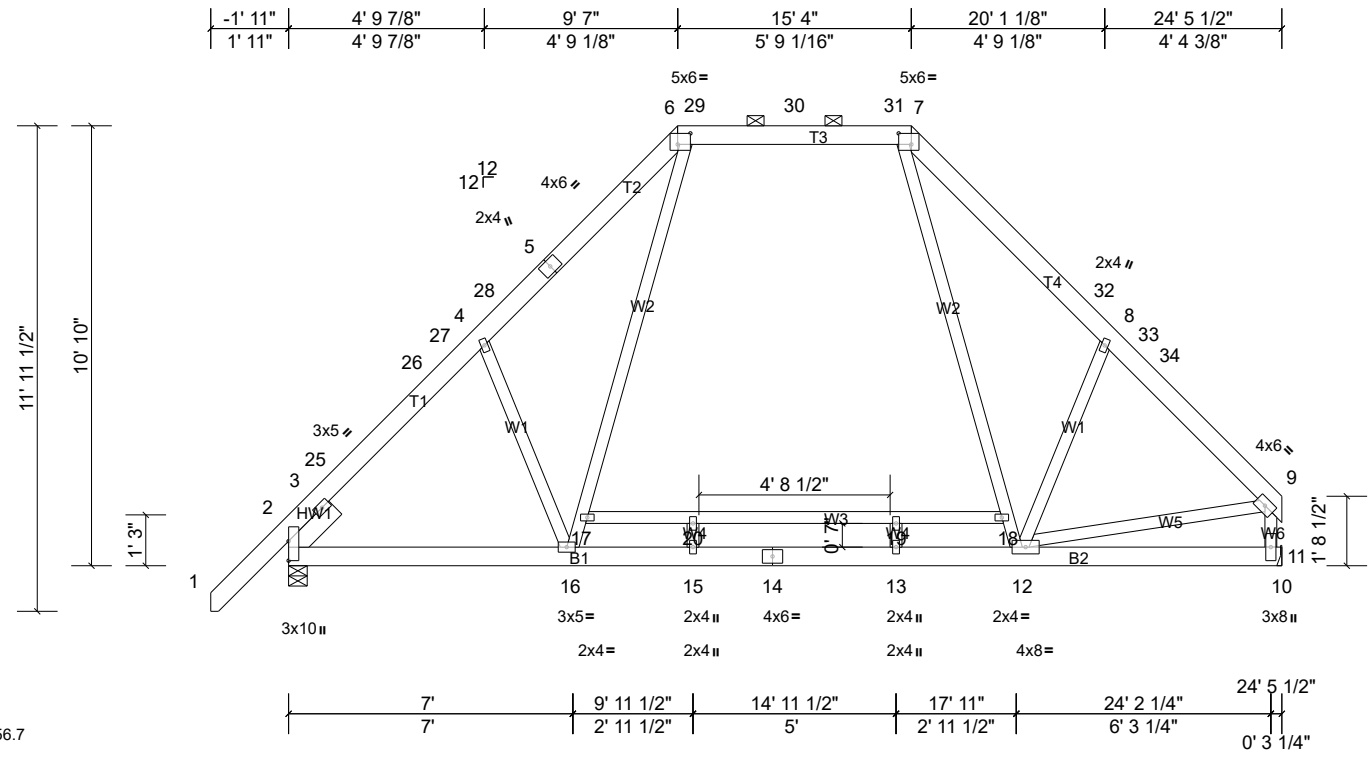

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Plate Offsets (X, Y): [2:Edge,0'], [6:0' 3 3/4",0' 3 1/4"], [7:0' 3 3/4",0' 3 1/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	-0.15	15-16	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.64	Vert(CT)	-0.28	13-15	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.38	Horz(CT)	-0.02	2	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 218 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W2,W3:2x4 SP No.2
SLIDER	Left 2x6 SP No.2 -- 1' 6"

REACTIONS (lb/size) 2=1178/0' 5 1/2", (min. 0' 1 9/16"), 11=1072/ Mechanical, (min. 0' 1 1/2")
Max Horiz 2=254 (LC 11)
Max Uplift 2=-13 (LC 14)
Max Grav 2=1333 (LC 39), 11=1232 (LC 39)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-6-4 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: 11-12.

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

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

TOP CHORD	2-3=-700/60, 3-25=-1424/0, 25-26=-1402/0, 26-27=-1252/0, 4-27=-1248/0, 4-28=-1327/69, 5-28=-1206/79, 5-6=-1157/107, 6-29=-678/153, 29-30=-678/153, 30-31=-678/153, 7-31=-678/153, 7-32=-1133/112, 8-32=-1304/75, 8-33=-1197/0, 33-34=-1202/0, 9-34=-1366/0, 9-11=-1224/0
BOT CHORD	2-16=-86/911, 15-16=0/649, 14-15=0/649, 13-14=0/649, 12-13=0/649
WEBS	9-12=0/916, 16-17=-25/547, 6-17=-15/569, 7-18=-5/512, 12-18=-15/496, 4-16=-359/321, 8-12=-390/287

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-4-1, Exterior(2R) 5-4-1 to 19-6-15, Interior (1) 19-6-15 to 21-2-4, Exterior(2E) 21-2-4 to 24-2-4 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
6) 200.0lb AC unit load placed on the bottom chord, 12-5-8 from left end, supported at two points, 5-0-0 apart.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x4 MT20 unless otherwise indicated.
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) Refer to girder(s) for truss to truss connections.
12) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F2	Piggyback Base Girder	1	2	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:49 — Page: 1

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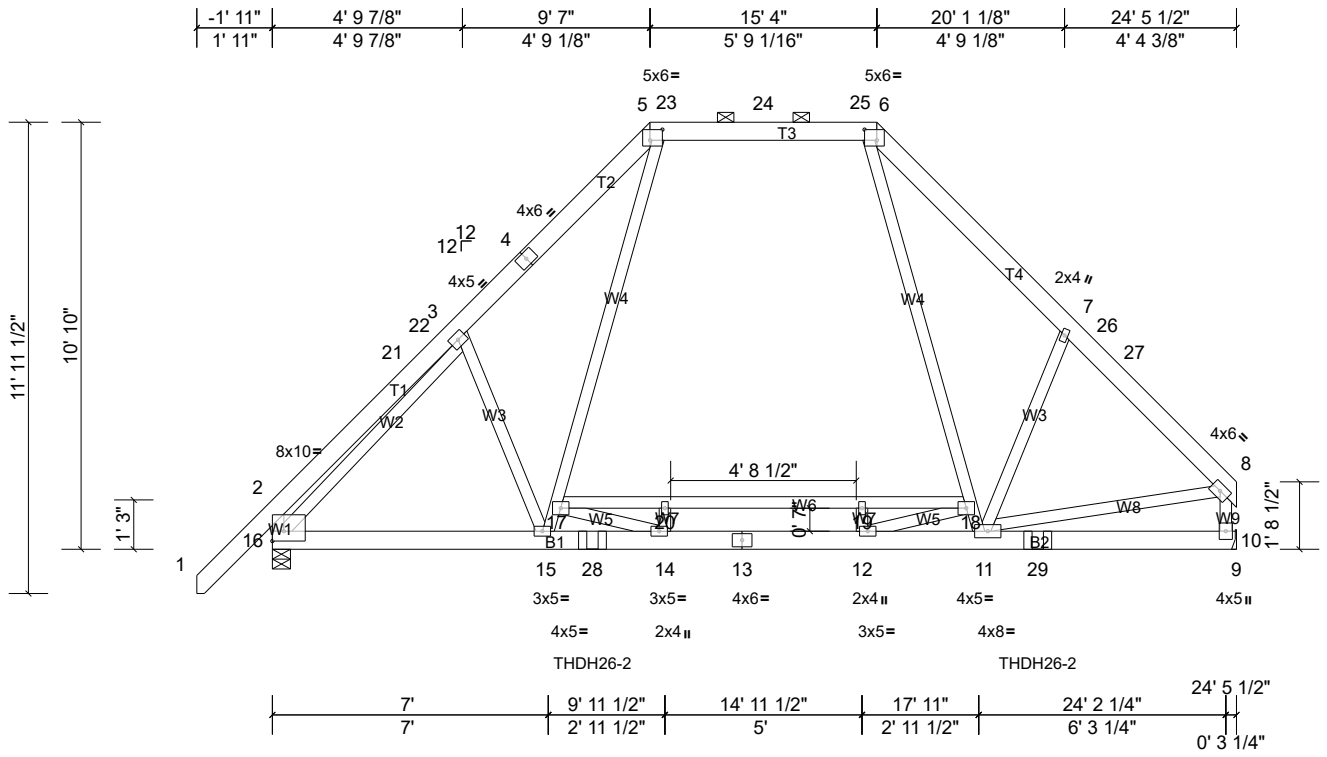

Scale = 1:58.4

Plate Offsets (X, Y): [2:Edge,0' 3"], [5:0' 3 3/4",0' 3 1/4"], [6:0' 3 3/4",0' 3 1/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	-0.13	14-15	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.19	14-15	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.53	Horz(CT)	0.02	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 466 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 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 (6-0-0 max.): 5-6.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 10=2436/ Mechanical, (min. 0' 1 1/2"), 16=2310/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 16=253 (LC 9)
Max Uplift 10=-286 (LC 13), 16=-261 (LC 12)
Max Grav 10=2601 (LC 37), 16=2467 (LC 37)

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

TOP CHORD 2-21=-632/166, 21-22=-478/171, 3-22=-469/174, 3-4=-2767/405, 4-5=-2581/429, 5-23=-1401/294, 23-24=-1401/294, 24-25=-1401/294, 6-25=-1401/294, 6-7=-2619/434, 7-26=-2534/320, 26-27=-2582/310, 8-27=-2702/303, 2-16=-656/194, 8-10=-2355/265

BOT CHORD 15-16=-279/1848, 15-28=-167/1425, 14-28=-167/1425, 13-14=0/2125, 12-13=0/2125, 11-12=-91/1311

WEBS 7-11=-327/308, 15-17=-338/1385, 5-17=-250/1708, 6-18=-254/1375, 11-18=-354/1173, 17-20=-786/0, 19-20=-786/0, 18-19=-786/0, 3-15=-216/353, 8-11=-145/1653, 14-17=0/815, 3-16=-2316/219, 12-18=0/944

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" oc, 2x4 - 1 row at 0' 9" oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0' 7" oc.
Web connected as follows: 2x4 - 1 row at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
8) 200.0lb AC unit load placed on the bottom chord, 12-5-8 from left end, supported at two points, 5-0-0 apart.
9) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 10.

Continued on page 2

14) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 16. This connection is for uplift only and does not consider lateral forces.
15) 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.
16) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
17) Use MiTek THDH26-2 (With 22-16d nails into Girder & 8-16d nails into Truss) or equivalent spaced at 11-3-9 oc max. starting at 8-1-7 from the left end to 19-5-0 to connect truss(es) GR1 (2 ply 2x6 SP), GR3 (2 ply 2x6 SP) to front face of bottom chord.
18) 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: 1-2=-60, 2-5=-60, 5-6=-60, 6-8=-60, 9-16=-20
   Concentrated Loads (lb)
   Vert: 12=-100, 14=-100, 28=-1345 (F), 29=-1154 (F)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F3	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:50 — Page: 1

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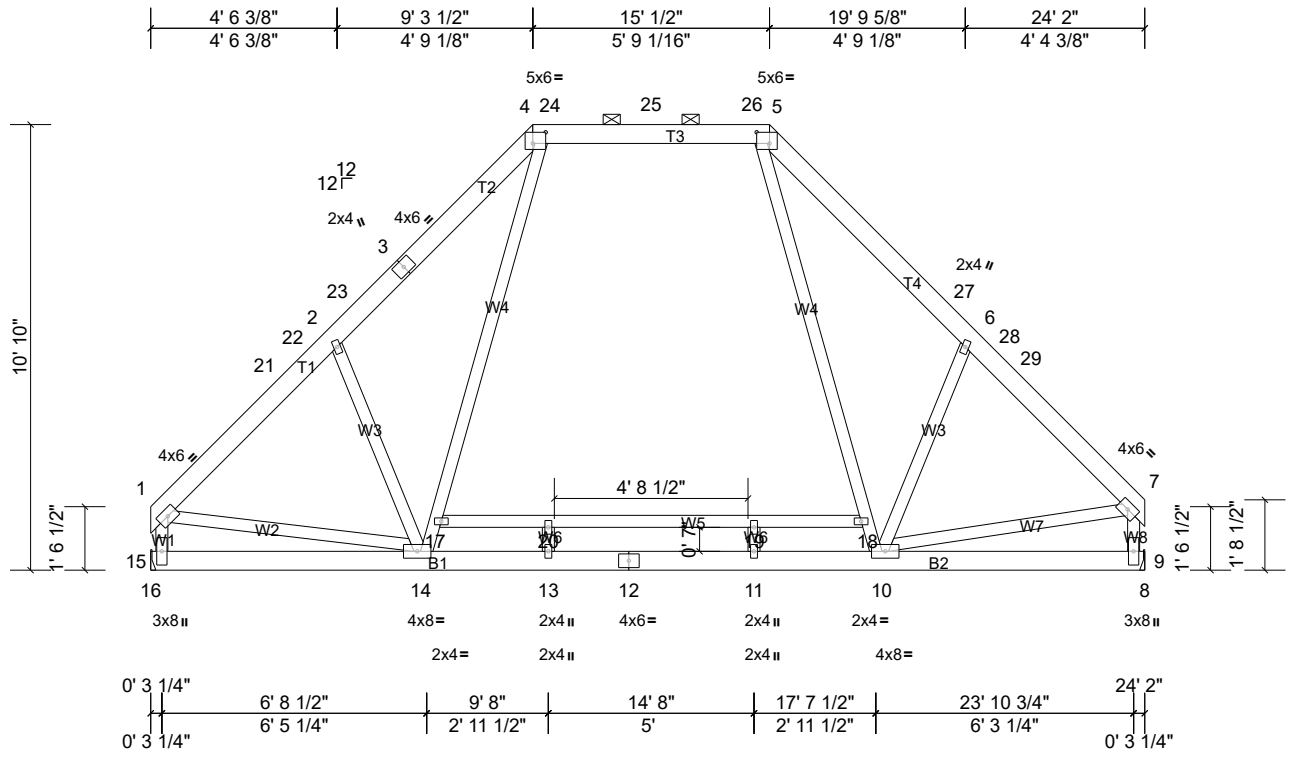

Plate Offsets (X, Y): [4:0' 3 3/4",0' 3 1/4"], [5:0' 3 3/4",0' 3 1/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	-0.13	14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.59	Vert(CT)	-0.27	11-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.01	9	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 217 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W4,W5:2x4 SP No.2

REACTIONS (lb/size) 9=1051/ Mechanical, (min. 0' 1 1/2"), 15=1050/ Mechanical, (min. 0' 1 1/2")
Max Horiz 15=214 (LC 11)
Max Grav 9=1207 (LC 38), 15=1208 (LC 38)

BRACING

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

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

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

TOP CHORD	1-21=-1355/0, 21-22=-1179/0, 2-22=-1175/0, 2-23=-1292/80, 3-23=-1171/91, 3-4=-1112/118, 4-24=-653/158, 24-25=-653/158, 25-26=-653/158, 5-26=-653/158, 5-27=-1094/118, 6-27=-1273/80, 6-28=-1161/0, 28-29=-1166/0, 7-29=-1330/0, 1-15=-1180/0, 7-9=-1190/0
BOT CHORD	14-15=-251/244, 13-14=0/606, 12-13=0/606, 11-12=0/606, 10-11=0/606
WEBS	6-10=-401/286, 14-17=-18/526, 4-17=-7/539, 5-18=-6/510, 10-18=-15/497, 2-14=-418/290, 7-10=0/887, 1-14=0/878

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) interior zone and C-C Exterior(2E) 0-3-4 to 3-3-4, Interior (1) 3-3-4 to 5-0-9, Exterior(2R) 5-0-9 to 19-3-7, Interior (1) 19-3-7 to 20-10-12, Exterior(2E) 20-10-12 to 23-10-12 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) 200.0lb AC unit load placed on the bottom chord, 12-5-8 from left end, supported at two points, 5-0-0 apart.
6) Provide adequate drainage to prevent water ponding.
7) All plates are 2x4 MT20 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.
10) Refer to girder(s) for truss to truss connections.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F4	Piggyback Base	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:50 — Page: 1

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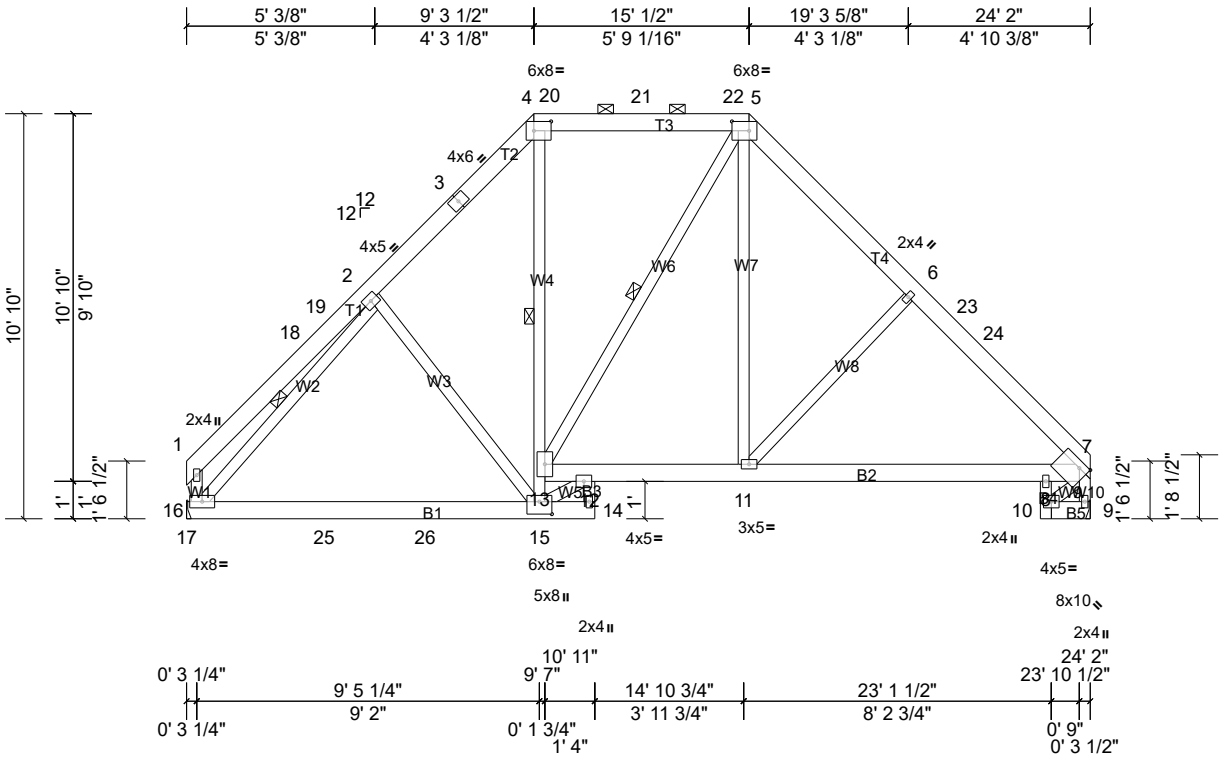

Scale = 1:61.6

Plate Offsets (X, Y): [4:0' 5 1/2",0' 3"], [5:0' 5 1/2",0' 3"], [7:0' 2 15/16",Edge], [15:0' 4",0' 4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.52	Vert(LL)	-0.06	11-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.09	15-16	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.05	9	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 219 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3:2x4 SP No.3, B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W10,W6:2x4 SP No.2

REACTIONS (lb/size) 9=954/ Mechanical, (min. 0' 1 1/2"), 16=955/ Mechanical, (min. 0' 1 1/2")
Max Horiz 16=-214 (LC 10)
Max Uplift 9=-70 (LC 15), 16=-65 (LC 14)
Max Grav 9=1163 (LC 44), 16=1132 (LC 44)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-15, 5-13, 2-16

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

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

TOP CHORD	1-18=-342/73, 2-3=-1063/213, 3-4=-923/231, 4-20=-658/222, 20-21=-658/222, 21-22=-658/222, 5-22=-658/222, 5-6=-1134/224, 6-23=-1150/179, 23-24=-1218/172, 7-24=-1345/144, 1-16=-314/97, 7-9=-1123/97
BOT CHORD	16-25=-145/848, 25-26=-145/848, 15-26=-145/848, 11-12=-17/717, 8-11=-46/884, 7-8=-25/903
WEBS	4-13=-58/438, 5-11=-43/585, 12-15=-47/757, 6-11=-356/213, 2-16=-977/99

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-4 to 3-3-4, Interior (1) 3-3-4 to 4-9-12, Exterior(2R) 4-9-12 to 19-5-8, Interior (1) 19-5-8 to 21-1-0, Exterior(2E) 21-1-0 to 24-1-0 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 9 and 65 lb uplift at joint 16.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F5	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:51 — Page: 1

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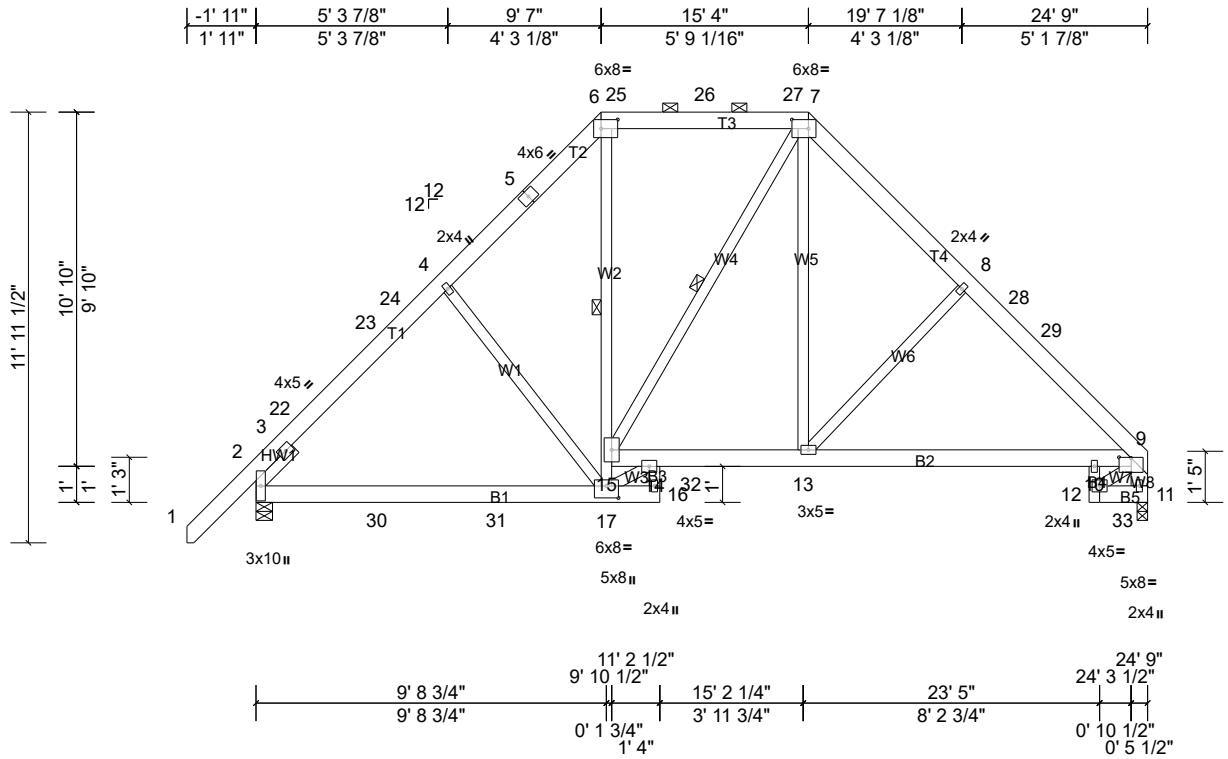

Scale = 1:64

Plate Offsets (X, Y): [2:0' 6 3/4",0' 1/8"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [9:0' 4",0' 1/4"], [17:0' 4",0' 4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	-0.06	13-14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.10	10-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.07	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 220 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3,B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x6 SP No.2, W4:2x4 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1' 6"

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-11-14 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 6-17, 7-15

REACTIONS (lb/size) 2=1094/0' 5 1/2", (min. 0' 1 9/16"), 11=980/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 2=255 (LC 11)
Max Uplift 2=-111 (LC 14), 11=-72 (LC 15)
Max Grav 2=1328 (LC 45), 11=1226 (LC 45)

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

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

TOP CHORD 2-3=-732/0, 3-22=-1319/128, 22-23=-1301/132, 23-24=-1216/158, 4-24=-1152/166, 4-5=-1154/206, 5-6=-1019/224, 6-25=-730/219, 25-26=-730/219, 26-27=-730/219, 7-27=-730/219, 7-8=-1249/222, 8-28=-1265/178, 28-29=-1341/163, 9-29=-1430/141, 9-11=-1197/97

BOT CHORD 2-30=-235/963, 30-31=-137/963, 17-31=-137/963, 14-16=-271/0, 14-32=-13/795, 13-32=-13/795, 10-13=-42/979, 9-10=-28/974

WEBS 15-17=-84/265, 6-15=-59/501, 7-13=-44/682, 14-17=-48/821, 8-13=-382/217, 4-17=-316/224

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-2-3, Exterior(2R) 5-2-3 to 19-9-0, Interior (1) 19-9-0 to 21-6-13, Exterior(2E) 21-6-13 to 24-6-13 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F6	Piggyback Base	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:52 — Page: 1

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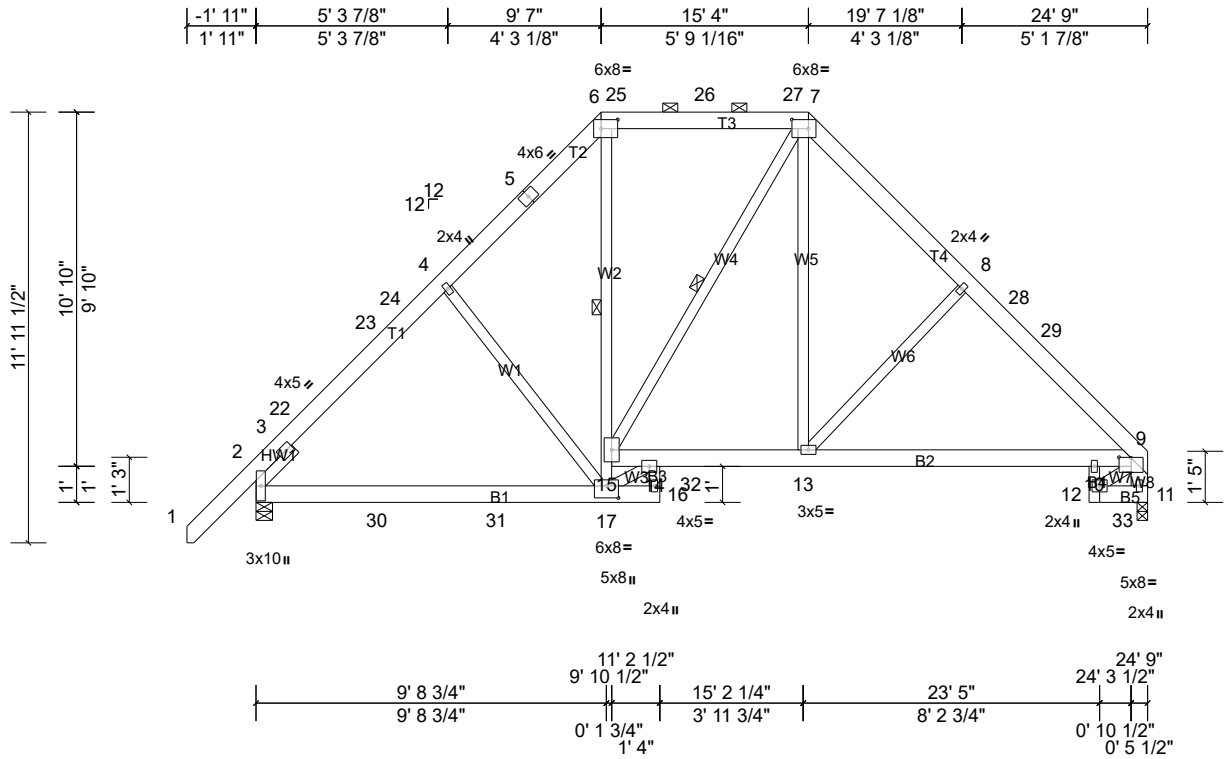

Scale = 1:64

Plate Offsets (X, Y): [2:0' 6 3/4",0' 1/8"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [9:0' 4",0' 1/4"], [17:0' 4",0' 4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	-0.06	13-14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.10	10-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.07	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 220 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3,B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x6 SP No.2, W4:2x4 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1' 6"

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-11-14 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 6-17, 7-15

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

REACTIONS (lb/size) 2=1094/0' 5 1/2", (min. 0' 1 9/16"), 11=980/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 2=278 (LC 13)
Max Uplift 2=-111 (LC 14), 11=-73 (LC 15)
Max Grav 2=1328 (LC 45), 11=1226 (LC 45)

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

TOP CHORD 2-3=-734/0, 3-22=-1319/129, 22-23=-1301/132, 23-24=-1216/158, 4-24=-1152/166, 4-5=-1154/207, 5-6=-1019/224, 6-25=-730/219, 25-26=-730/219, 26-27=-730/219, 7-27=-730/219, 7-8=-1249/218, 8-28=-1265/174, 28-29=-1341/158, 9-29=-1430/137, 9-11=-1197/94

BOT CHORD 2-30=-250/970, 30-31=-145/970, 17-31=-145/970, 14-16=-271/0, 14-32=-30/803, 13-32=-30/803, 10-13=-6/979, 9-10=0/974

WEBS 15-17=-84/265, 6-15=-59/501, 7-13=-48/676, 14-17=-63/828, 8-13=-381/217, 4-17=-316/224

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-2-3, Exterior(2R) 5-2-3 to 19-9-0, Interior (1) 19-9-0 to 21-6-13, Exterior(2E) 21-6-13 to 24-6-13 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F7	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:53 — Page: 1

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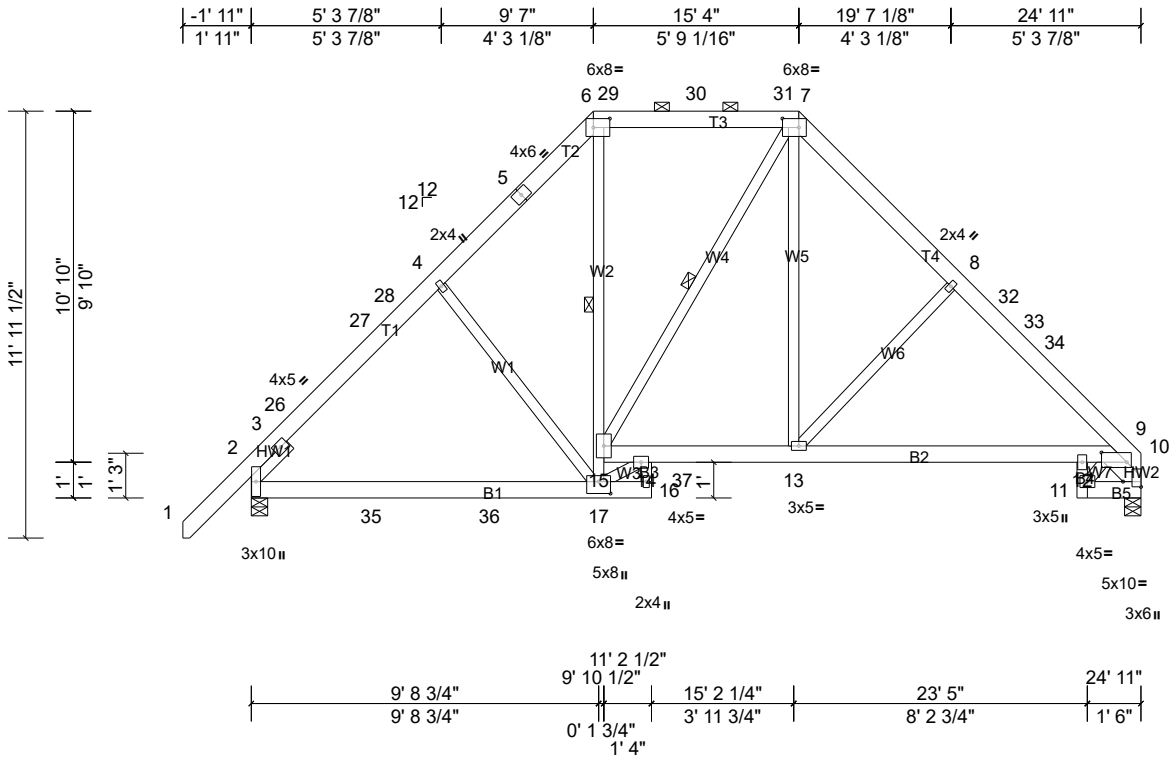

Scale = 1:64.5

Plate Offsets (X, Y): [2:0' 6 3/4",0' 1/8"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [9:0' 8 1/2",0' 3 1/4"], [10:Edge,0' 6"], [17:0' 4",0' 4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.55	Vert(LL)	-0.11	12-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.21	12-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 222 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3,B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1' 6", Right 2x6 SP No.2 -- 1' 1 7/16"

REACTIONS (lb/size) 2=1110/0' 5 1/2", (min. 0' 1 9/16"), 10=993/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 2=256 (LC 13)
Max Uplift 2=-112 (LC 14), 10=-74 (LC 15)
Max Grav 2=1347 (LC 45), 10=1234 (LC 45)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-11 oc purlins, except 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: 14-16. 10-0-0 oc bracing: 12-13
WEBS	1 Row at midpt 6-17, 7-15

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

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

TOP CHORD 2-3=-748/0, 3-26=-1341/130, 26-27=-1323/133, 27-28=-1237/159, 4-28=-1175/167, 4-5=-1176/208, 5-6=-1041/225, 6-29=-746/220, 29-30=-746/220, 30-31=-746/220, 7-31=-746/220, 7-8=-1326/227, 8-32=-1333/181, 32-33=-1401/167, 33-34=-1421/162, 9-34=-1506/159, 9-10=-13/577

BOT CHORD 2-35=-235/980, 35-36=-131/980, 17-36=-131/980, 14-16=-262/0, 14-37=-10/838, 13-37=-10/838, 12-13=-36/1049, 9-12=-19/976, 11-12=-51/383, 10-11=-63/359

WEBS 6-15=-60/512, 7-13=-49/792, 14-17=-47/844, 8-13=-422/218, 4-17=-315/224, 9-11=-389/68

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-2-3, Exterior(2R) 5-2-3 to 19-9-0, Interior (1) 19-9-0 to 21-11-0, Exterior(2E) 21-11-0 to 24-11-0 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 2. This connection is for uplift only and does not consider lateral forces.
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.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F7	Piggyback Base	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F8	Piggyback Base	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:53 — Page: 1

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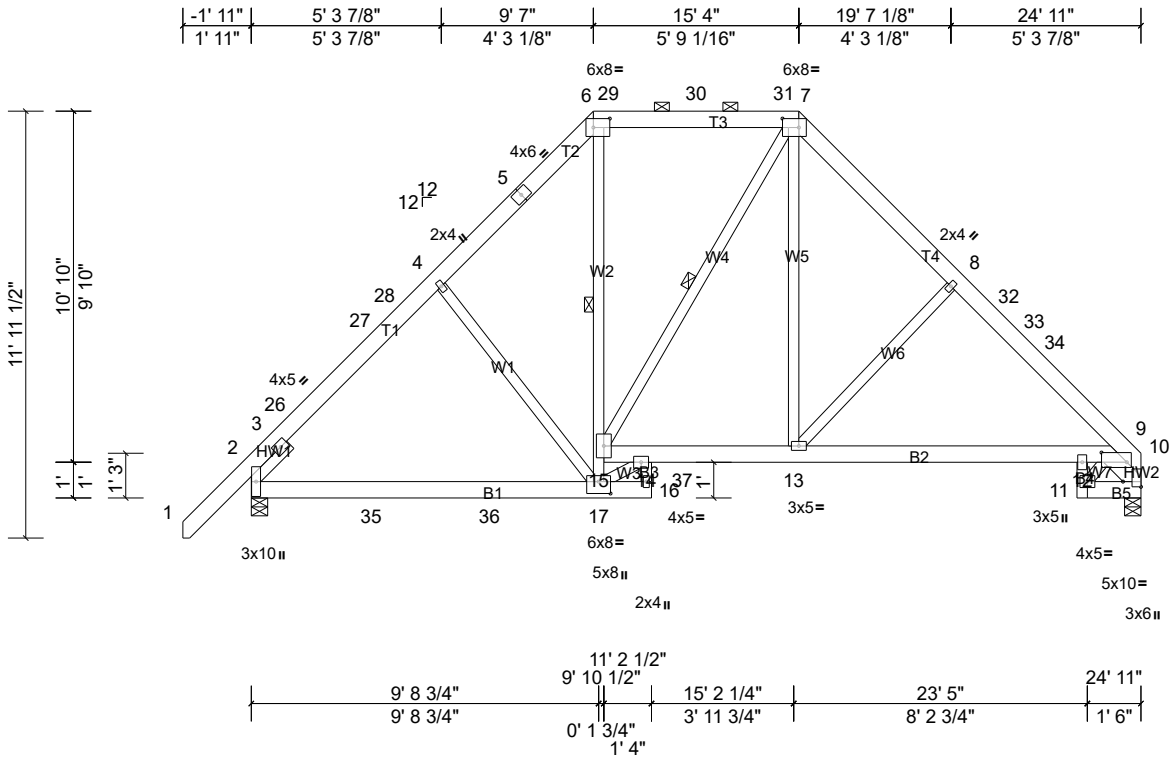

Scale = 1:64.5

Plate Offsets (X, Y): [2:0' 6 3/4",0' 1/8"], [6:0' 5 1/2",0' 3"], [7:0' 5 1/2",0' 3"], [9:0' 8 1/2",0' 3 1/4"], [10:Edge,0' 6"], [17:0' 4",0' 4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.55	Vert(LL)	-0.11	12-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.21	12-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 222 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3,B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1' 6", Right 2x6 SP No.2 -- 1' 1 7/16"

REACTIONS (lb/size) 2=1110/0' 5 1/2", (min. 0' 1 9/16"), 10=993/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 2=256 (LC 11)
Max Uplift 2=-112 (LC 14), 10=-74 (LC 15)
Max Grav 2=1347 (LC 45), 10=1234 (LC 45)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-11 oc purlins, except 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: 14-16. 10-0-0 oc bracing: 12-13
WEBS	1 Row at midpt 6-17, 7-15

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

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

TOP CHORD	2-3=-748/0, 3-26=-1341/130, 26-27=-1323/133, 27-28=-1237/159, 4-28=-1175/167, 4-5=-1176/208, 5-6=-1041/225, 6-29=-746/220, 29-30=-746/220, 30-31=-746/220, 7-31=-746/220, 7-8=-1326/227, 8-32=-1333/181, 32-33=-1401/167, 33-34=-1421/162, 9-34=-1506/159, 9-10=-13/576
BOT CHORD	2-35=-235/980, 35-36=-131/980, 17-36=-131/980, 14-16=-262/0, 14-37=-10/838, 13-37=-10/838, 12-13=-36/1049, 9-12=-19/976, 11-12=-51/383, 10-11=-63/359
WEBS	6-15=-60/512, 7-13=-49/792, 14-17=-47/844, 4-17=-315/224, 8-13=-422/218, 9-11=-389/68

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-2-3, Exterior(2R) 5-2-3 to 19-9-0, Interior (1) 19-9-0 to 21-11-0, Exterior(2E) 21-11-0 to 24-11-0 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 2. This connection is for uplift only and does not consider lateral forces.
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.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F8	Piggyback Base	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	F9	Piggyback Base Structural Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:54 — Page: 1

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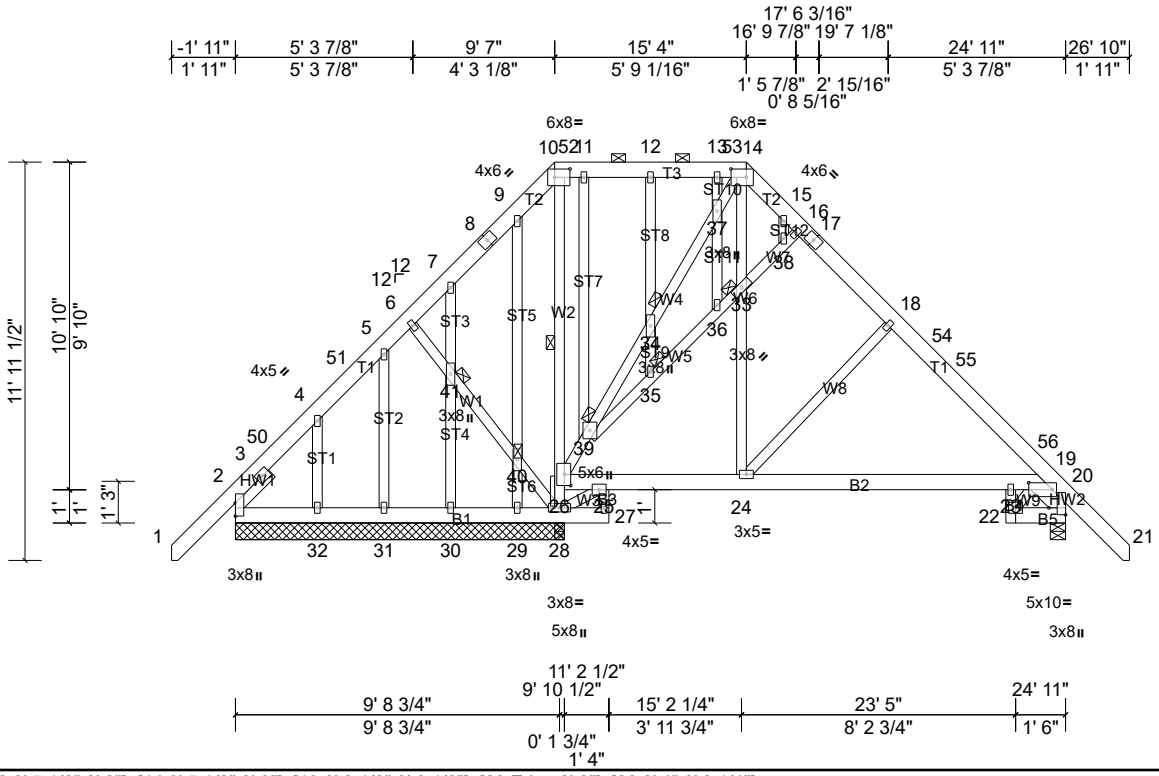

Scale = 1:69.2

Plate Offsets (X, Y): [10:0' 5 1/2",0' 3"], [14:0' 5 1/2",0' 3"], [19:0' 8 1/2",0' 2 1/2"], [20:Edge,0' 6"], [26:0' 4",0' 2 1/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	-0.06	23-24	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.13	23-24	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.01	20	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 302 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3,B4:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2
OTHERS	2x4 SP No.3 *Except* O1:2x4 SPF No.2(flat)
SLIDER	Left 2x4 SP No.3 -- 1' 6", Right 2x6 SP No.2 -- 1' 1 7/16"

REACTIONS All bearings 9' 10 1/2". except 20=0' 5 1/2", 28=0' 3 1/2"

(lb) - Max Horiz 2=270 (LC 13), 42=270 (LC 13)

Max Uplift All uplift 100 (lb) or less at joint(s) 30, 31 except 2=-117 (LC 10), 20=-145 (LC 15), 29=-104 (LC 15), 32=-161 (LC 14), 42=-117 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 30, 31, 42 except 20=711 (LC 39), 28=1092 (LC 22), 29=253 (LC 39), 32=268 (LC 47)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 10-14.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 10-28
JOINTS	1 Brace at Jt(s): 33, 34, 35, 39, 40, 41

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

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

TOP CHORD	4-50=-118/283, 5-6=0/253, 6-7=0/311, 7-8=0/305, 8-9=0/374, 9-10=0/340, 15-16=-276/190, 16-17=-261/183, 17-18=-388/175, 18-54=-405/156, 54-55=-490/142, 55-56=-568/133, 19-56=-597/121, 19-20=-23/313
BOT CHORD	25-26=-13/354, 23-24=0/388, 19-23=0/361
WEBS	26-28=-955/0, 10-26=-309/48, 24-33=-9/417, 14-33=-15/410, 26-39=-813/29, 34-39=-566/0, 34-37=-581/0, 14-37=-512/0, 25-28=-273/229, 18-24=-315/175

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 5-2-3, Exterior(2R) 5-2-3 to 19-9-0, Interior (1) 19-9-0 to 23-8-14, Exterior(2E) 23-8-14 to 26-8-14 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x4 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.

Continued on page 2

12) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 20, 29, 30, 31, and 32. This connection is for uplift only and does not consider lateral forces.
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.
15) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	G1	Piggyback Base	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:55 — Page: 1

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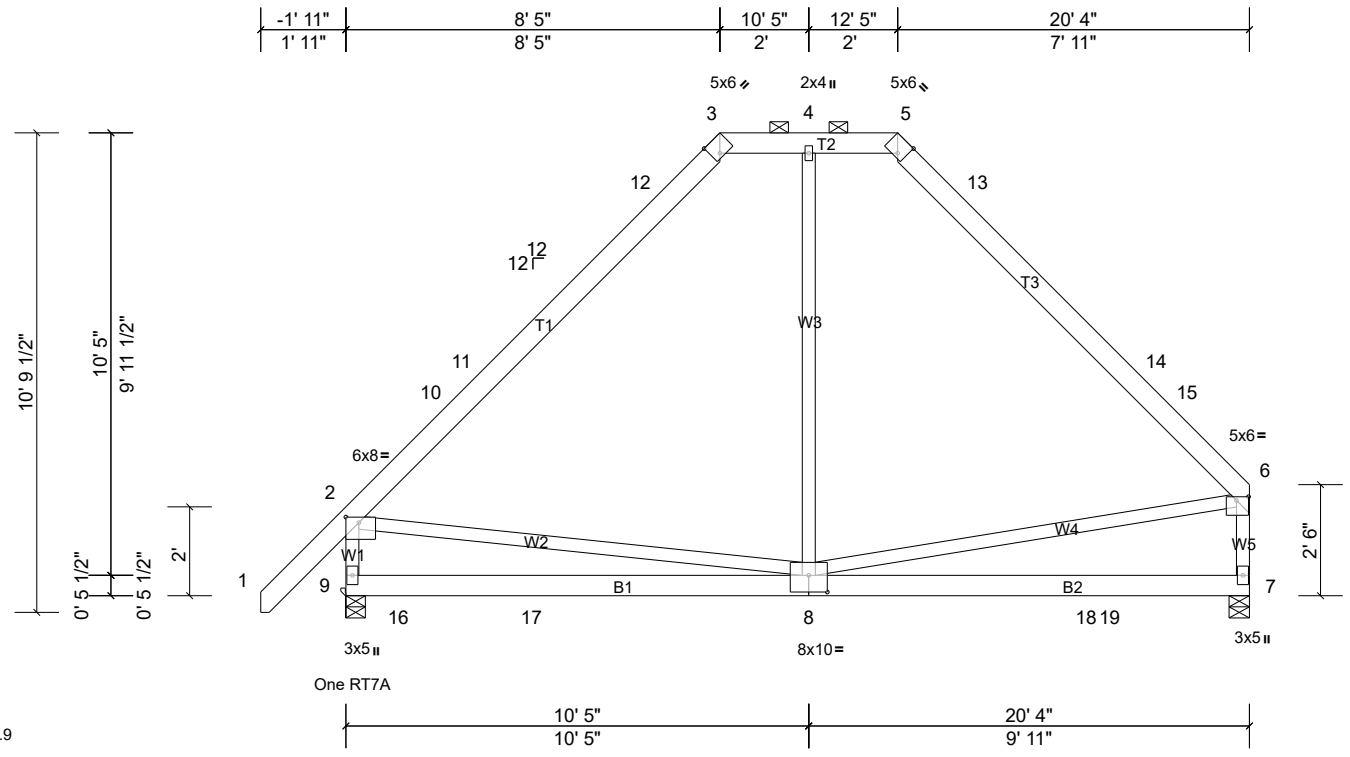

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Plate Offsets (X, Y): [2:0' 3 1/2",0' 1 1/2"], [3:0' 2 1/8",Edge], [5:0' 2 1/8",Edge], [6:0' 3 1/4",0' 1"], [8:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	-0.07	8-9	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.40	Vert(CT)	-0.15	8-9	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 167 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2 *Except* W4,W3:2x4 SP No.3

REACTIONS (lb/size) 7=796/0' 5 1/2", (min. 0' 1 1/2"), 9=926/0' 5 1/4", (min. 0' 1 1/2")
Max Horiz 9=226 (LC 11)
Max Uplift 7=-86 (LC 11), 9=-89 (LC 11)
Max Grav 7=986 (LC 39), 9=1106 (LC 39)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-11-12 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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

TOP CHORD	2-10=-960/295, 10-11=-815/301, 11-12=-710/312, 3-12=-539/346, 3-4=-499/347, 4-5=-499/347, 5-13=-538/345, 13-14=-710/310, 14-15=-813/299, 6-15=-937/293, 2-9=-1015/325, 6-7=-902/299
BOT CHORD	9-16=-346/411, 16-17=-346/411, 8-17=-346/411
WEBS	2-8=-203/418, 6-8=-175/415, 4-8=-206/382

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 4-2-1, Exterior(2R) 4-2-1 to 16-7-15, Interior (1) 16-7-15 to 17-2-4, Exterior(2E) 17-2-4 to 20-2-4 zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 7. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	G2	Hip	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:56 — Page: 1

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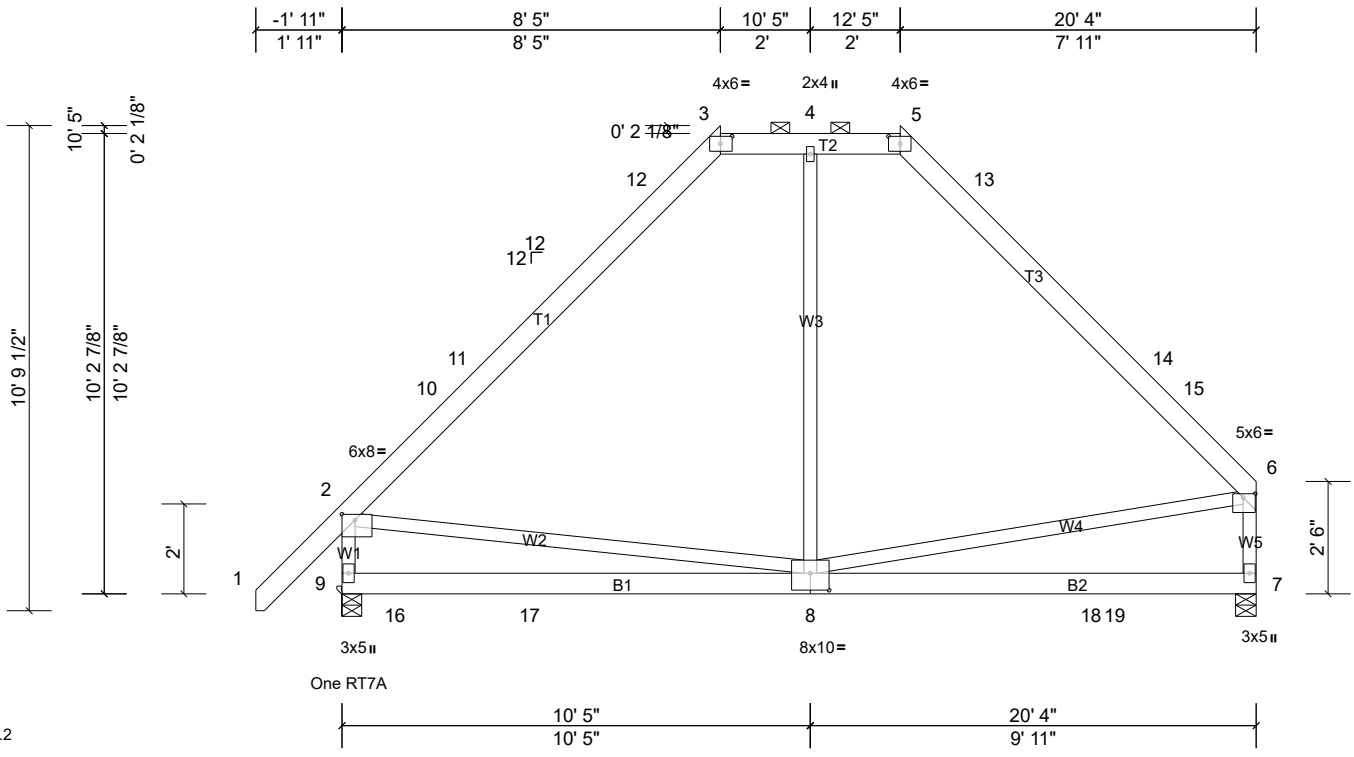

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Plate Offsets (X, Y): [2:0' 3 1/2",0' 1 1/2"], [3:0' 3 1/8",0' 2"], [5:0' 3 1/8",0' 2"], [6:0' 3 1/4",0' 1"], [8:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	-0.07	8-9	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.40	Vert(CT)	-0.15	8-9	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 166 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2 *Except* W3,W4:2x4 SP No.3

REACTIONS (lb/size) 7=796/0' 5 1/2", (min. 0' 1 1/2"), 9=926/0' 5 1/4", (min. 0' 1 1/2")
Max Horiz 9=222 (LC 11)
Max Uplift 7=-84 (LC 11), 9=-91 (LC 11)
Max Grav 7=986 (LC 39), 9=1106 (LC 39)

BRACING

TOP CHORD — Structural wood sheathing directly applied or 5-11-12 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.

BOT CHORD — Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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

TOP CHORD	2-10=-963/296, 10-11=-820/302, 11-12=-715/313, 3-12=-545/347, 3-4=-508/348, 4-5=-508/348, 5-13=-544/346, 13-14=-715/312, 14-15=-817/301, 6-15=-939/295, 2-9=-1015/325, 6-7=-902/299
BOT CHORD	9-16=-338/405, 16-17=-338/405, 8-17=-338/405
WEBS	4-8=-203/380, 6-8=-173/424, 2-8=-201/417

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 4-2-1, Exterior(2R) 4-2-1 to 16-7-15, Interior (1) 16-7-15 to 17-2-4, Exterior(2E) 17-2-4 to 20-2-4 zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 7 and 9. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	G3	Hip Girder	1	2	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:56 — Page: 1

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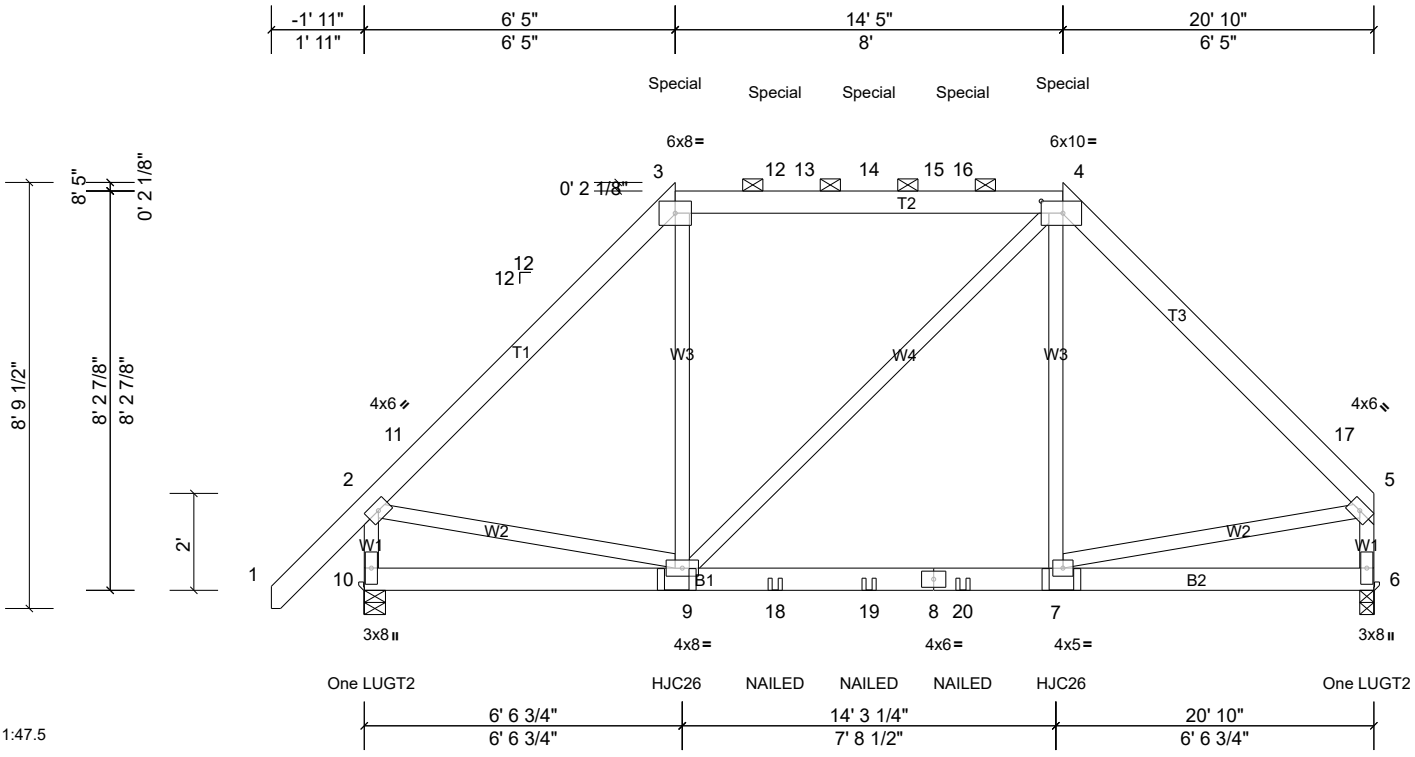

Scale = 1:47.5

Plate Offsets (X, Y): [4:0' 5 3/8",0' 3"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	0.05	7-9	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.06	7-9	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.32	Horz(CT)	0.01	6	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 355 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2

BRACING

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

REACTIONS (lb/size) 6=2044/0' 3 1/2", (min. 0' 1 1/2"), 10=2167/0' 5 1/4", (min. 0' 1 1/2")
Max Horiz 10=231 (LC 9)
Max Uplift 6=-1090 (LC 13), 10=-1122 (LC 12)
Max Grav 6=2281 (LC 47), 10=2383 (LC 45)

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

TOP CHORD	2-11=-2411/1239, 3-11=-2240/1287, 3-12=-1646/1026, 12-13=-1646/1026, 13-14=-1646/1026, 14-15=-1646/1026, 15-16=-1646/1026, 4-16=-1646/1026, 4-17=-2262/1284, 5-17=-2425/1239, 2-10=-2297/1164, 5-6=-2195/1129
BOT CHORD	9-10=-234/252, 9-18=-904/1666, 18-19=-904/1666, 8-19=-904/1666, 8-20=-904/1666, 7-20=-904/1666
WEBS	2-9=-943/1686, 5-7=-948/1654, 3-9=-379/647, 4-7=-337/639

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" oc, 2x4 - 1 row at 0' 9" oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0' 9" oc.
   Web connected as follows: 2x4 - 1 row at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 20.0 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, with BCDL = 10.0psf.
11) One LUGT2 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 6. This connection is for uplift only and does not consider lateral forces.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

14) Use MiTek HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent spaced at 7-11-4 oc max. starting at 6-5-6 from the left end to 14-4-10 to connect truss (es) J06A (1 ply 2x6 SP), CJ08 (1 ply 2x6 SP), J06A (1 ply 2x6 SP), CJ08 (1 ply 2x6 SP) to front face of bottom chord.
15) Fill all nail holes where hanger is in contact with lumber.
16) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
17) Minimum of a double stud required directly beneath this truss to attach LUGT2 tiedown.
18) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 251 lb down and 177 lb up at 6-5-0, 272 lb down and 177 lb up at 8-5-12, 272 lb down and 172 lb up at 10-5-0, and 272 lb down and 177 lb up at 12-4-4, and 251 lb down and 177 lb up at 14-5-0 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=-60, 2-3=-60, 3-4=-60, 4-5=-60, 6-10=-20
   Concentrated Loads (lb)
   Vert: 3=-218 (F), 4=-218 (F), 9=-594 (F), 7=-594 (F), 12=-218 (F), 14=-218 (F), 16=-218 (F), 18=-58 (F), 19=-58 (F), 20=-58 (F)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	GR1	Roof Special Girder	1	2	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:57 — Page: 1

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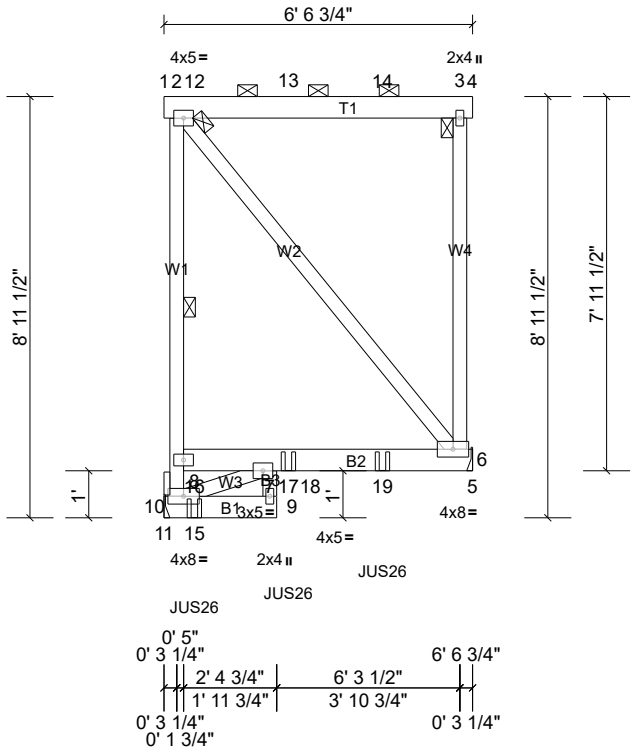

Scale = 1:49

Loading	(psf)	Spacing	1' 11 1/4"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.77	Vert(LL)	-0.07	6-7	>989	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.11	6-7	>669	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.02	Horz(CT)	0.05	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 149 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3:2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.2(flat)

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.): 1-4, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 2-10

REACTIONS (lb/size) 6=1364/ Mechanical, (min. 0' 1 1/2"), 10=1947/ Mechanical, (min. 0' 1 1/2")
Max Uplift 6=-274 (LC 9), 10=-434 (LC 8)
Max Grav 6=1395 (LC 21), 10=1988 (LC 22)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 8-10=-1494/238, 2-8=-1075/87, 3-6=-766/82
BOT CHORD 10-15=-71/257, 9-15=-71/257

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" oc, 2x6 - 2 rows staggered at 0' 9" oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0' 9" oc, 2x4 - 1 row at 0' 9" oc.
Web connected as follows: 2x4 - 1 row at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 434 lb uplift at joint 10 and 274 lb uplift at joint 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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) 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 0-7-12 from the left end to 4-7-12 to connect truss(es) J07A (1 ply 2x6 SP), J07 (1 ply 2x6 SP) to back 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) 522 lb down and 18 lb up at 0-7-12, and 517 lb down and 16 lb up at 2-7-12, and 517 lb down and 16 lb up at 4-7-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.
16) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	GR1	Roof Special Girder	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=-58, 2-3=-58, 3-4=-58, 9-10=-19, 5-7=-19
   Concentrated Loads (lb)
   Vert: 12=-500, 13=-489, 14=-489, 15=-432 (B), 17=-449 (B), 19=-449 (B)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	GR2	Flat Girder	1	2	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:58 — Page: 1

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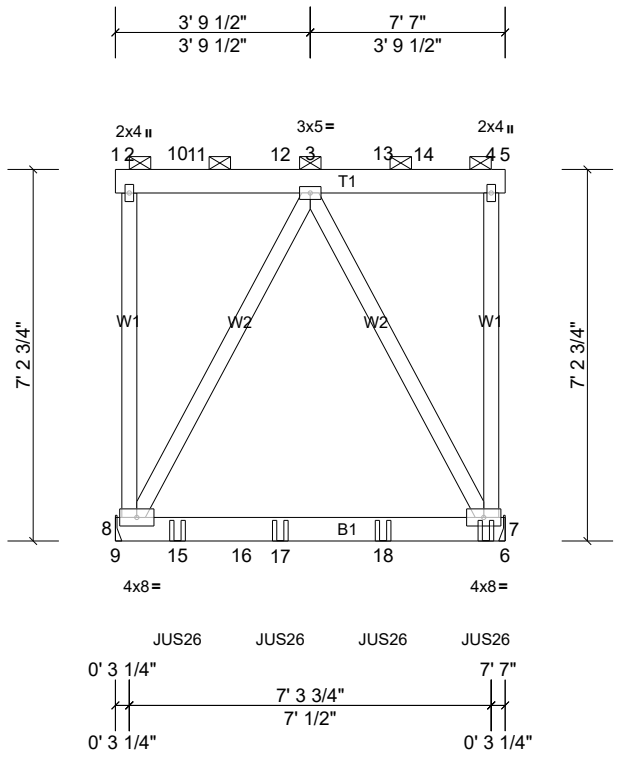

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	0.13	7-8	>673	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.73	Vert(CT)	-0.16	7-8	>539	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 151 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS (lb/size) 7=2644/ Mechanical, (min. 0' 1 1/2"), 8=2848/ Mechanical, (min. 0' 1 1/2")
Max Uplift 7=-597 (LC 9), 8=-497 (LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-1346/80, 4-7=-985/71
BOT CHORD 8-15=-38/471, 15-16=-38/471, 16-17=-38/471, 17-18=-38/471, 7-18=-38/471
WEBS 3-8=-1020/82, 3-7=-1020/82

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" oc, 2x6 - 2 rows staggered at 0' 9" oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0' 9" oc.
Web connected as follows: 2x4 - 1 row at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 497 lb uplift at joint 8 and 597 lb uplift at joint 7.
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) 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 1-2-8 from the left end to 7-2-8 to connect truss(es) J05D (1 ply 2x6 SP) 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) 769 lb down and 35 lb up at 0-0-0, 754 lb down and 29 lb up at 1-2-8, 754 lb down and 29 lb up at 3-2-8, and 754 lb down and 29 lb up at 5-2-8, and 769 lb down and 36 lb up at 7-7-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-4=-60, 4-5=-60, 6-9=-20
   Concentrated Loads (lb)
   Vert: 2=-754, 4=-754, 7=-304 (F), 10=-726, 12=-726, 13=-726, 15=-298 (F), 17=-298 (F), 18=-298 (F)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	GR3	Roof Special Girder	1	2	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:58 — Page: 1

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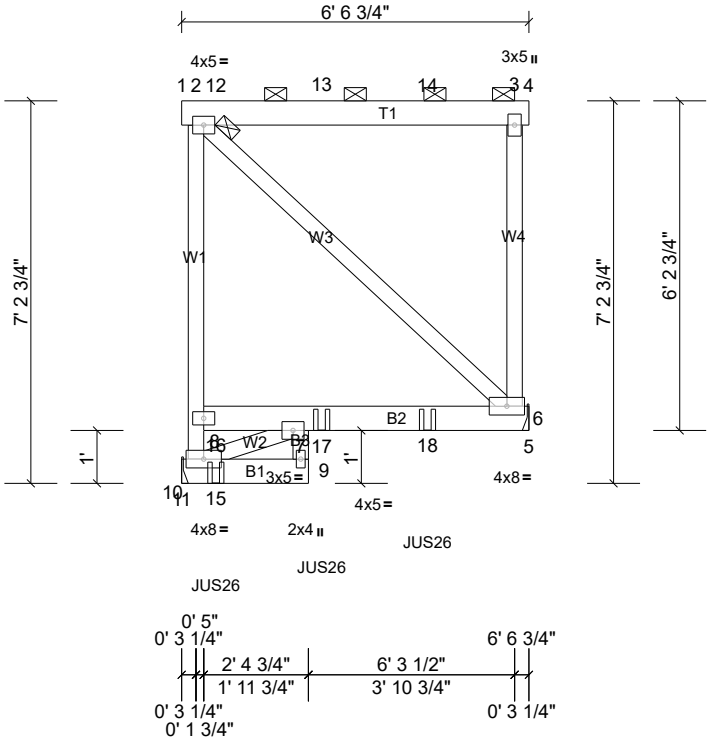

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Loading	(psf)	Spacing	1' 11 1/4"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	0.04	6-7	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.06	6-7	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.02	Horz(CT)	0.02	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 135 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3:2x4 SP No.3
WEBS	2x4 SP No.3

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.): 1-4, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=1174/ Mechanical, (min. 0' 1 1/2"), 10=1678/ Mechanical, (min. 0' 1 1/2")
Max Uplift 6=-275 (LC 9), 10=-434 (LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 8-10=-1346/243, 2-8=-1064/98, 3-6=-758/90

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" oc, 2x6 - 2 rows staggered at 0' 9" oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0' 9" oc, 2x4 - 1 row at 0' 9" oc.
   Web connected as follows: 2x4 - 1 row at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 434 lb uplift at joint 10 and 275 lb uplift at joint 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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) 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 0-7-12 from the left end to 4-7-12 to connect truss(es) J04C (1 ply 2x6 SP), J04A (1 ply 2x6 SP) 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) 515 lb down and 25 lb up at 0-7-12, and 510 lb down and 23 lb up at 2-7-12, and 510 lb down and 23 lb up at 4-7-12 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=-58, 2-3=-58, 3-4=-58, 9-10=-19, 5-7=-19

Continued on page 2

Concentrated Loads (lb)

Vert: 12=-493, 13=-483, 14=-483, 15=-304 (F), 17=-293 (F), 18=-293 (F)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	H1	Common Supported Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:59 — Page: 1

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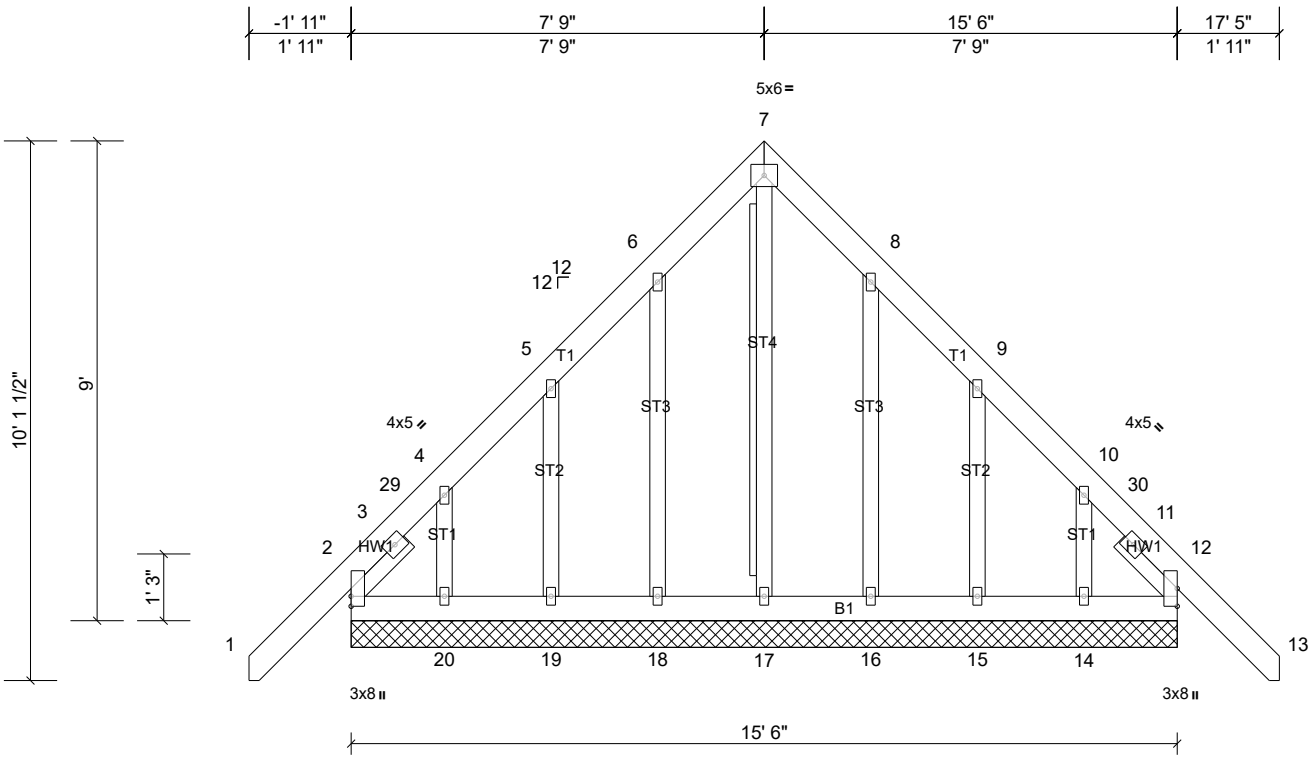

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15' 6"

Loading	(psf)	Spacing	2'	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 (Pf)	20.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.00	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 154 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3 *Except* O1:2x4 SPF No.2(flat)
SLIDER	Left 2x4 SP No.3 -- 1' 6", Right 2x4 SP No.3 -- 1' 6"

REACTIONS All bearings 15' 6".

(lb) - Max Horiz 2=-225 (LC 12), 21=-225 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 12, 15, 16, 18, 19, 21, 25 except 14=-150 (LC 15), 20=-161 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 14, 15, 17, 19, 20 except 2=270 (LC 25), 12=260 (LC 22), 16=269 (LC 22), 18=269 (LC 21), 21=270 (LC 25), 25=260 (LC 22)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	T-Brace: 2x4 SPF No.2 - 7-17

Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.

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

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

BOT CHORD 2-20=-93/288, 19-20=-93/289, 18-19=-93/289, 17-18=-93/290, 16-17=-93/290, 15-16=-93/289, 14-15=-92/289, 12-14=-92/288

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-9-14 to 1-2-2, Exterior(2N) 1-2-2 to 4-9-0, Corner(3R) 4-9-0 to 10-9-0, Exterior(2N) 10-9-0 to 14-3-14, Corner(3E) 14-3-14 to 17-3-14 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 12, 18, 19, 20, 16, 15, and 14. This connection is for uplift only and does not consider lateral forces.
13) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 12.
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) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J01	Jack-Open	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:59 — Page: 1

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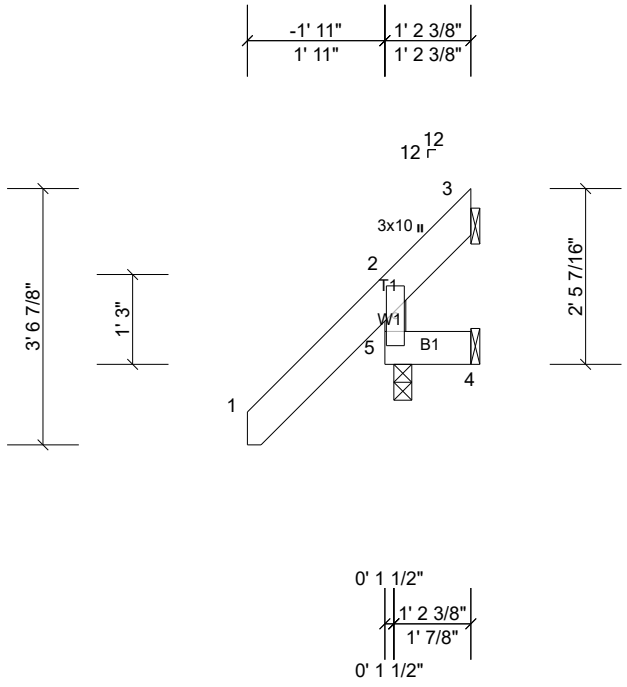

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	0.00	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 15 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 1-2-6 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 3=-67/ Mechanical, (min. 0' 1 1/2"), 4=-3/ Mechanical, (min. 0' 1 1/2"), 5=271/0' 3", (min. 0' 1 1/2")
Max Horiz 5=100 (LC 14)
Max Uplift 3=-111 (LC 21), 4=-26 (LC 14), 5=-39 (LC 14)
Max Grav 3=19 (LC 18), 4=16 (LC 7), 5=442 (LC 21)

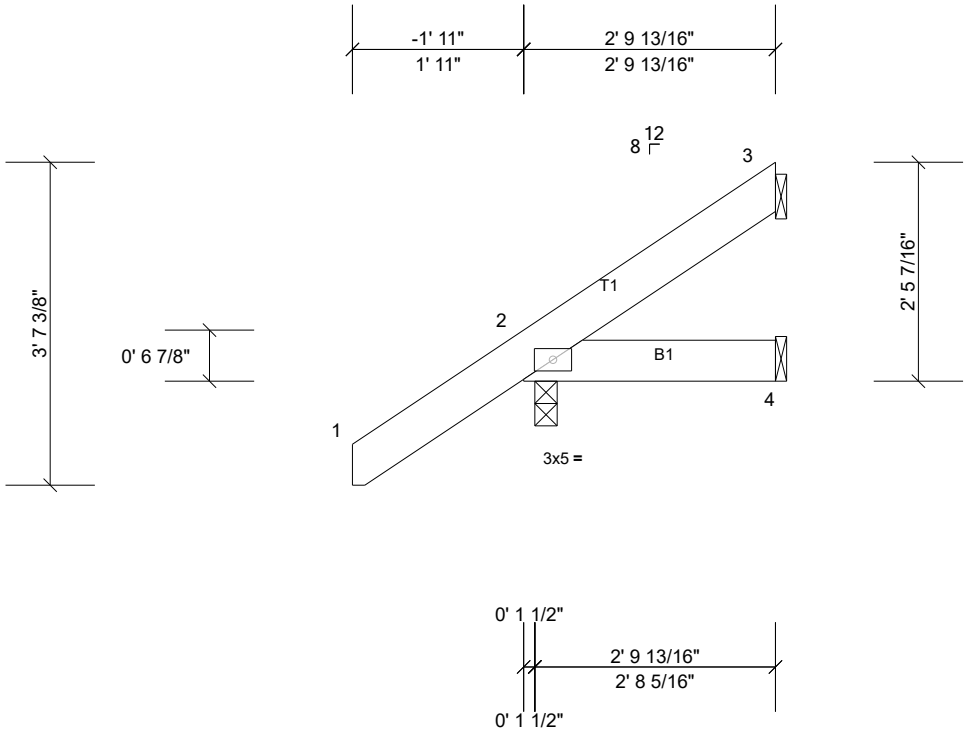
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-409/378

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 5. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J02	Jack-Open	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	0.00	4-7	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	0.00	4-7	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 20 lb	FT = 20%

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

REACTIONS (lb/size) 2=258/0' 3", (min. 0' 1 1/2"), 3=54/ Mechanical, (min. 0' 1 1/2"), 4=19/ Mechanical, (min. 0' 1 1/2")
Max Horiz 2=106 (LC 14)
Max Uplift 2=-49 (LC 14), 3=-34 (LC 14), 4=-9 (LC 11)
Max Grav 2=411 (LC 21), 3=87 (LC 21), 4=44 (LC 7)

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-9-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 34 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J02A	Jack-Open	4	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:06:59 — Page: 1

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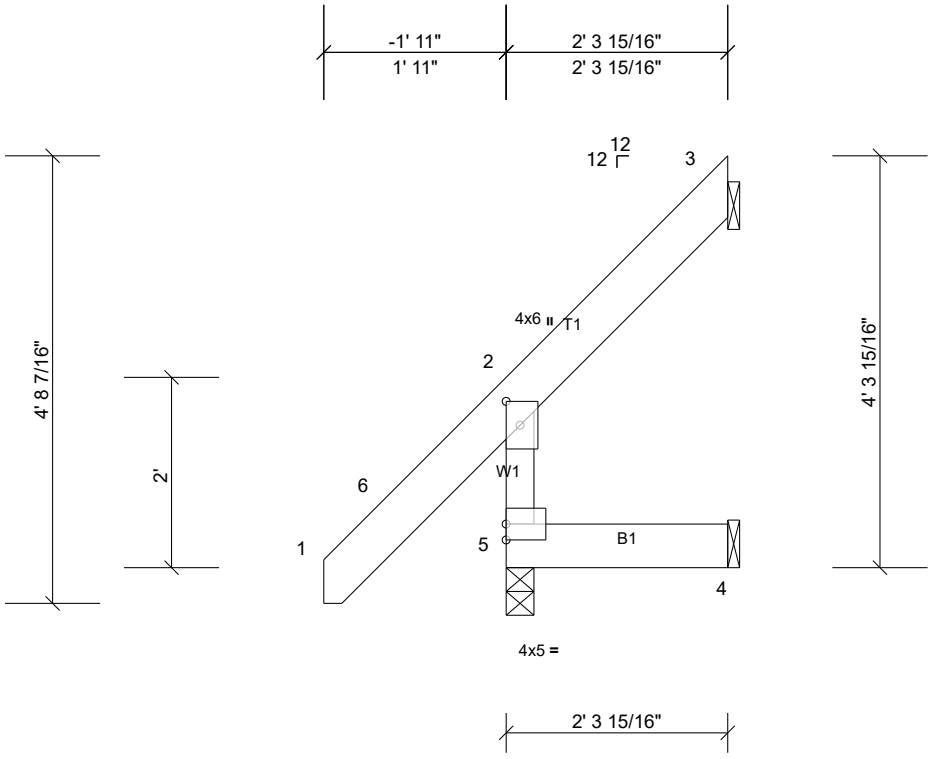

Scale = 1:24.2

Plate Offsets (X, Y): [2:0' 3",0' 1 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.83	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	0.00	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 22 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 3=14/ Mechanical, (min. 0' 1 1/2"), 4=16/ Mechanical, (min. 0' 1 1/2"), 5=258/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 5=140 (LC 14)
Max Uplift 3=-73 (LC 14), 4=-38 (LC 14)
Max Grav 3=45 (LC 21), 4=40 (LC 7), 5=385 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-358/161

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-3-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J04	Jack-Open	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:00 — Page: 1

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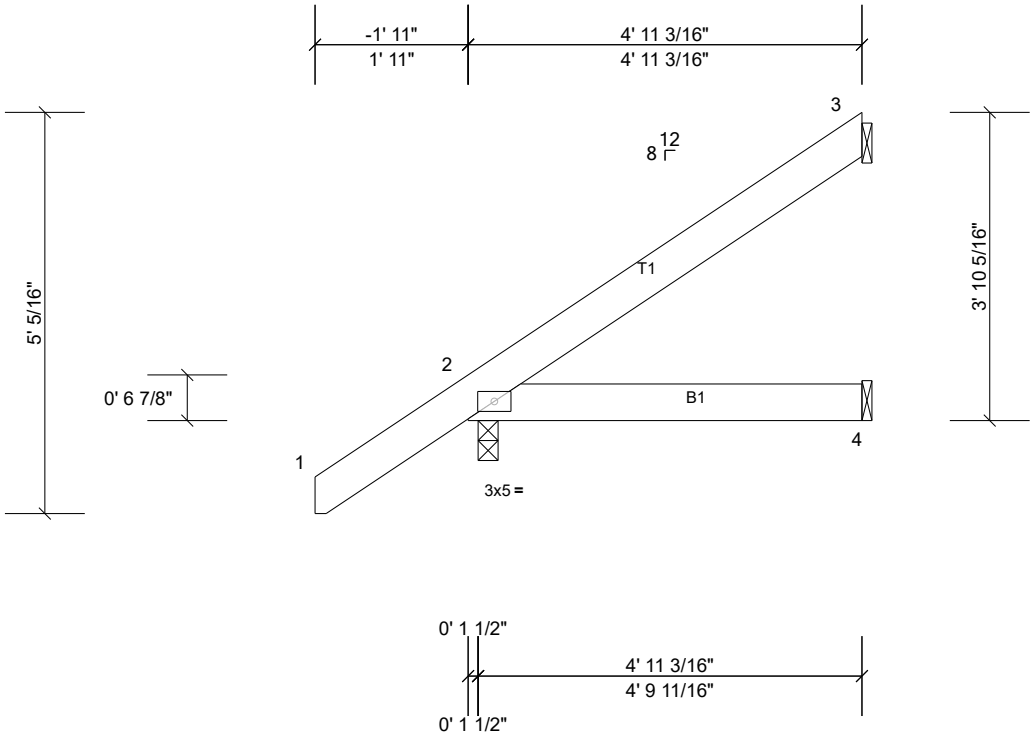

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.21	Vert(LL)	0.02	4-7	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.02	4-7	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 31 lb	FT = 20%

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

REACTIONS (lb/size) 2=327/0' 3", (min. 0' 1 1/2"), 3=118/ Mechanical, (min. 0' 1 1/2"), 4=56/ Mechanical, (min. 0' 1 1/2")
Max Horiz 2=123 (LC 18)
Max Uplift 2=-21 (LC 11), 3=-73 (LC 14), 4=-18 (LC 11)
Max Grav 2=426 (LC 21), 3=200 (LC 21), 4=88 (LC 7)

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-11-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J04A	Jack-Closed	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:00 — Page: 1

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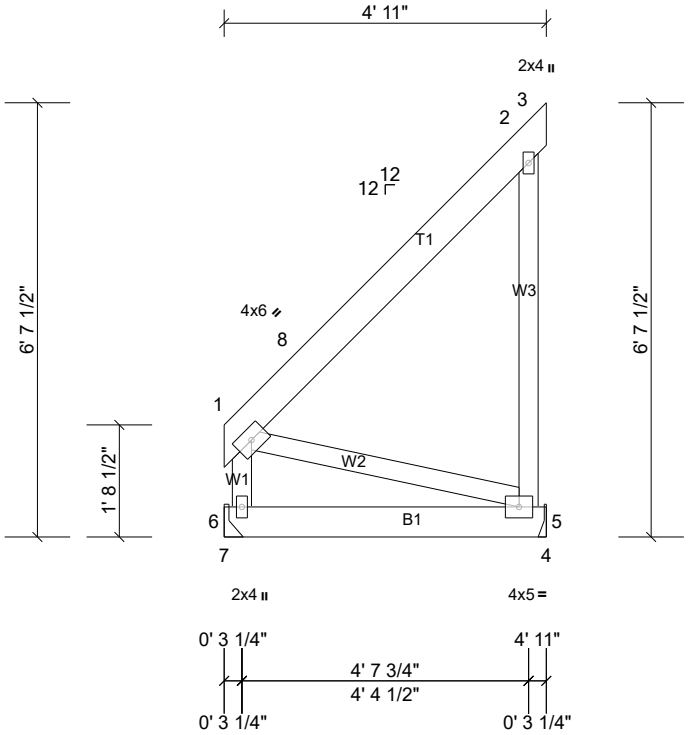

Scale = 1:35.2

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.01	5-6	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	-0.01	5-6	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 45 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 5=197/ Mechanical, (min. 0' 1 1/2"), 6=180/ Mechanical, (min. 0' 1 1/2")
Max Horiz 6=169 (LC 14)
Max Uplift 5=-174 (LC 14)
Max Grav 5=312 (LC 20), 6=244 (LC 20)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-4-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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

TOP CHORD	2-5=-263/231
BOT CHORD	5-6=-260/107
WEBS	1-5=-113/274

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 174 lb uplift at joint 5.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J04B	Jack-Open	4	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:00 — Page: 1

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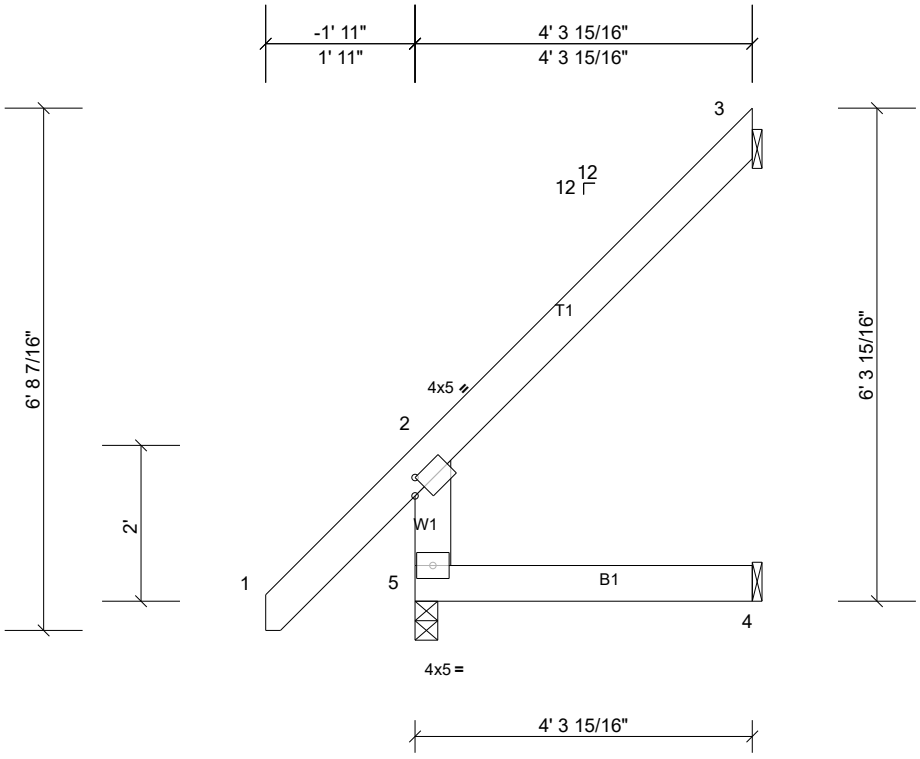

Scale = 1:29.6

Plate Offsets (X, Y): [2:0' 2",0' 2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	0.02	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	0.02	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.05	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 35 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 3=93/ Mechanical, (min. 0' 1 1/2"), 4=37/ Mechanical, (min. 0' 1 1/2"), 5=316/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 5=212 (LC 14)
Max Uplift 3=-133 (LC 14), 4=-39 (LC 11)
Max Grav 3=185 (LC 21), 4=75 (LC 7), 5=417 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-383/99

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-3-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 133 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J04C	Jack-Closed	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:00 — Page: 1

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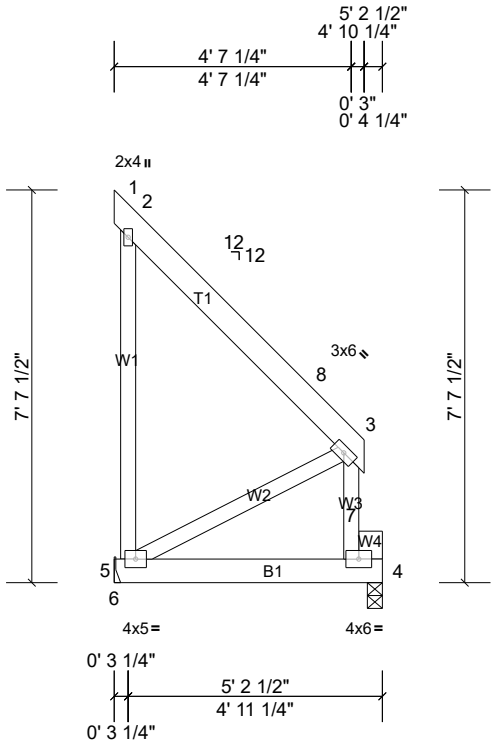

Scale = 1:44.7

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.01	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.01	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 50 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x6 SP No.2

REACTIONS (lb/size) 4=170/0' 3 1/2", (min. 0' 1 1/2"), 5=201/ Mechanical, (min. 0' 1 1/2")

Max Horiz 5=-167 (LC 15)

Max Uplift 5=-208 (LC 15)

Max Grav 4=231 (LC 21), 5=317 (LC 21)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-2-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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

TOP CHORD 2-5=-260/147

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 5.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J05A	Jack-Open	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:01 — Page: 1

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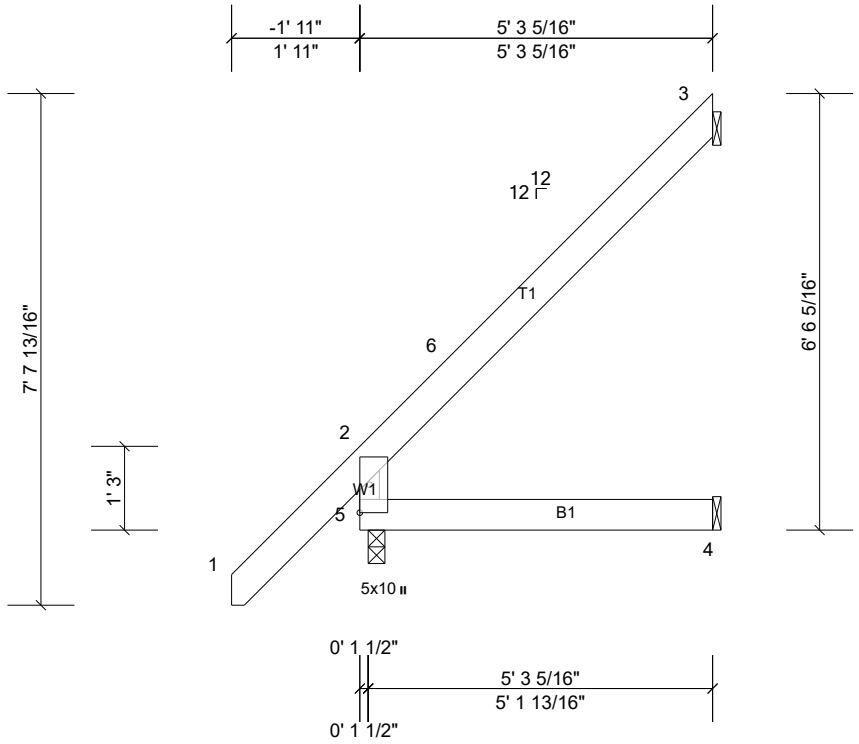

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.55	Vert(LL)	0.04	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.25	Vert(CT)	0.03	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 37 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 3=127/ Mechanical, (min. 0' 1 1/2"), 4=53/ Mechanical, (min. 0' 1 1/2"), 5=344/0' 3", (min. 0' 1 1/2")
Max Horiz 5=248 (LC 14)
Max Uplift 3=-147 (LC 14), 4=-29 (LC 11)
Max Grav 3=238 (LC 21), 4=97 (LC 7), 5=414 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-373/111

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-3-5 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 147 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J05B	Jack-Open Girder	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:01 — Page: 1

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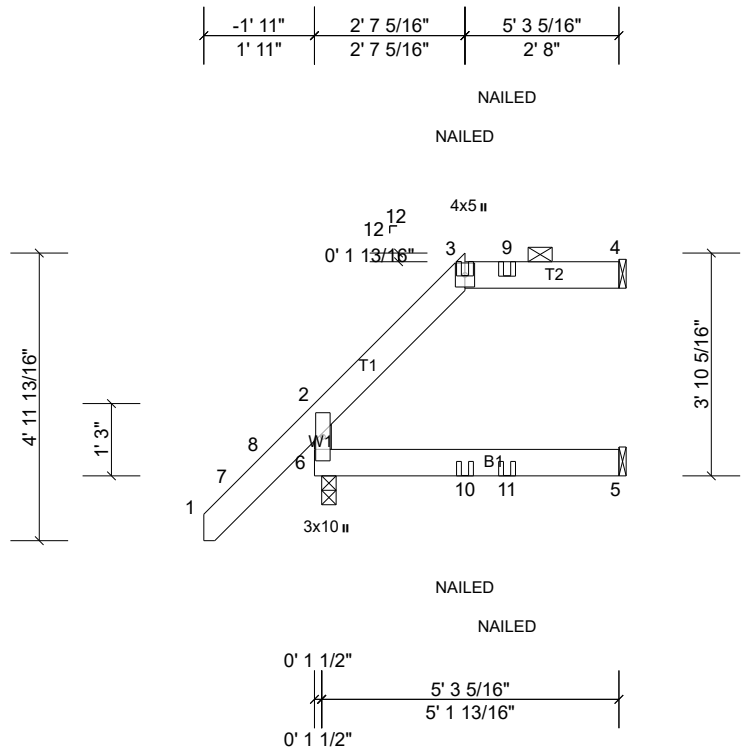

Scale = 1:39.9

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	0.02	5-6	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.03	5-6	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.07	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 35 lb	FT = 20%

LUMBER

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

BRACING

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

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

REACTIONS (lb/size) 4=240/ Mechanical, (min. 0' 1 1/2"), 5=97/ Mechanical, (min. 0' 1 1/2"), 6=453/0' 3", (min. 0' 1 1/2")
Max Horiz 6=150 (LC 12)
Max Uplift 4=-116 (LC 9), 5=-44 (LC 9), 6=-115 (LC 12)
Max Grav 4=287 (LC 33), 5=139 (LC 7), 6=607 (LC 34)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-6=-537/133

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; porch left exposed; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 6.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 116 lb uplift at joint 4.
12) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 6 and 5. This connection is for uplift only and does not consider lateral forces.
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.
15) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
16) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-60, 2-3=-60, 3-4=-60, 5-6=-20
Concentrated Loads (lb)
Vert: 3=-65 (F), 9=-140 (F), 10=-9 (F), 11=-54 (F)

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J05C	Jack-Open	14	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:01 — Page: 1

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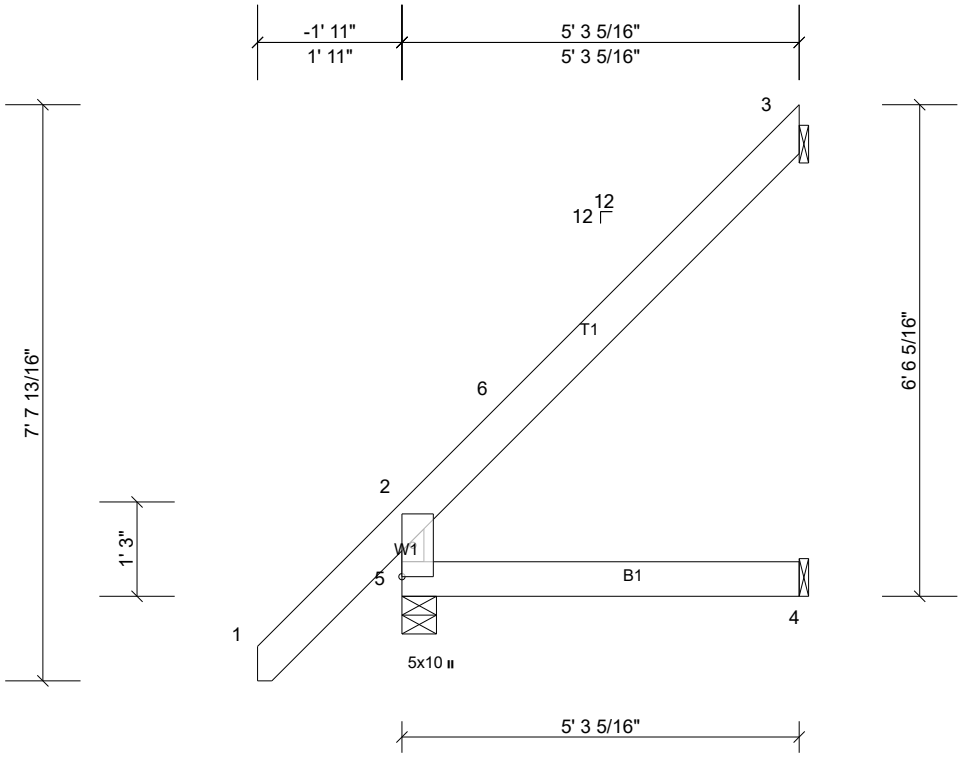

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	0.02	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	-0.02	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.02	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 37 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 3=127/ Mechanical, (min. 0' 1 1/2"), 4=53/ Mechanical, (min. 0' 1 1/2"), 5=344/0' 5 1/2", (min. 0' 1 1/2")

Max Horiz 5=248 (LC 14)

Max Uplift 3=-147 (LC 14)

Max Grav 3=238 (LC 21), 4=97 (LC 7), 5=414 (LC 21)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-3-5 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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

TOP CHORD 2-5=-373/122

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 147 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J05D	Jack-Closed	4	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:01 — Page: 1

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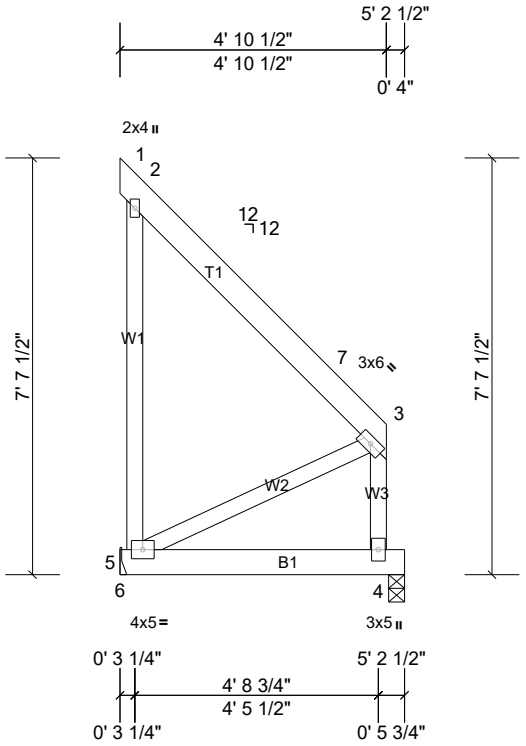

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.01	4-5	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.01	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	n/a	-	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 49 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 4=178/0' 3 1/2", (min. 0' 1 1/2"), 5=201/ Mechanical, (min. 0' 1 1/2")
Max Horiz 5=-172 (LC 15)
Max Uplift 5=-211 (LC 15)
Max Grav 4=242 (LC 21), 5=318 (LC 21)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-2-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-268/151

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 211 lb uplift at joint 5.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J05E	Jack-Open	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:02 — Page: 1

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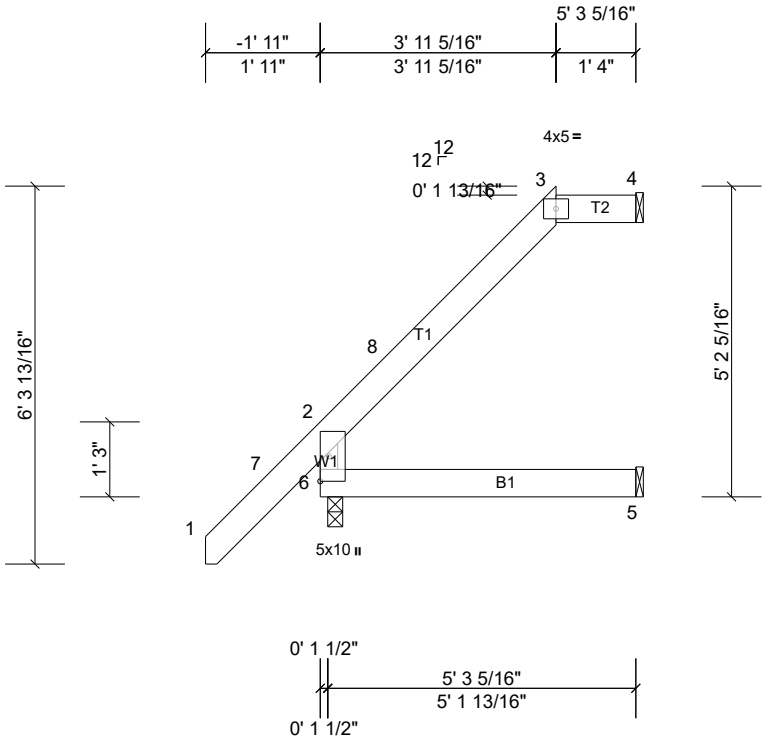

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	0.02	5-6	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	-0.02	5-6	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.05	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 36 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 4=127/ Mechanical, (min. 0' 1 1/2"), 5=52/ Mechanical, (min. 0' 1 1/2"), 6=344/0' 3", (min. 0' 1 1/2")
Max Horiz 6=199 (LC 14)
Max Uplift 4=-85 (LC 14), 5=-26 (LC 11), 6=-6 (LC 11)
Max Grav 4=143 (LC 35), 5=97 (LC 7), 6=528 (LC 36)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-6=-481/78

BRACING

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

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 85 lb uplift at joint 4.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 6 and 5. This connection is for uplift only and does not consider lateral forces.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J06	Jack-Closed	7	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:02 — Page: 1

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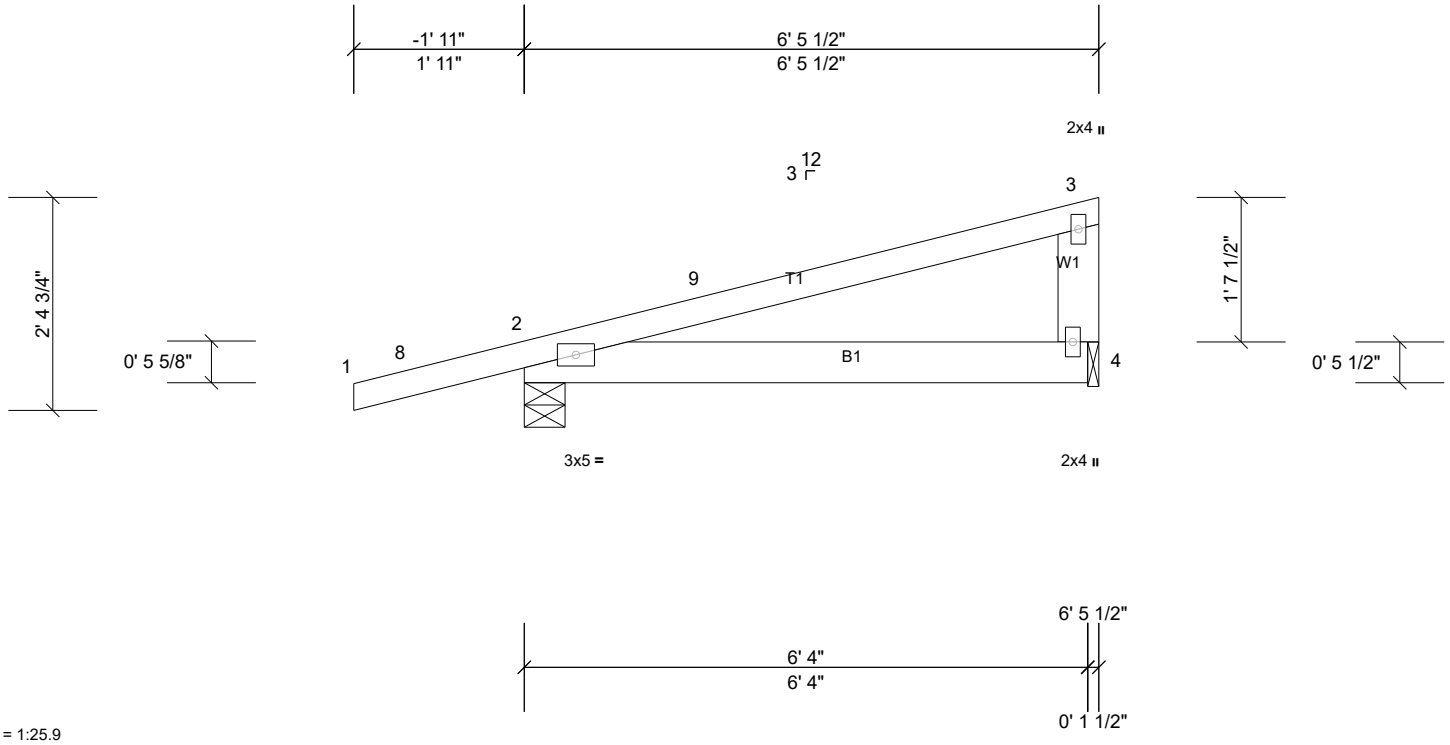

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	-0.04	4-7	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.07	4-7	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 31 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 2=382/0' 5 1/2", (min. 0' 1 1/2"), 4=231/0' 1 1/2", (min. 0' 1 1/2")
Max Horiz 2=81 (LC 10)
Max Uplift 2=-114 (LC 10), 4=-41 (LC 14)
Max Grav 2=496 (LC 21), 4=306 (LC 21)

BRACING

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

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

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-8 to 1-2-7, Interior (1) 1-2-7 to 2-0-5, Exterior(2R) 2-0-5 to 6-3-4 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) 4 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 at joint(s) 4.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J06A	Jack-Open	5	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:02 — Page: 1

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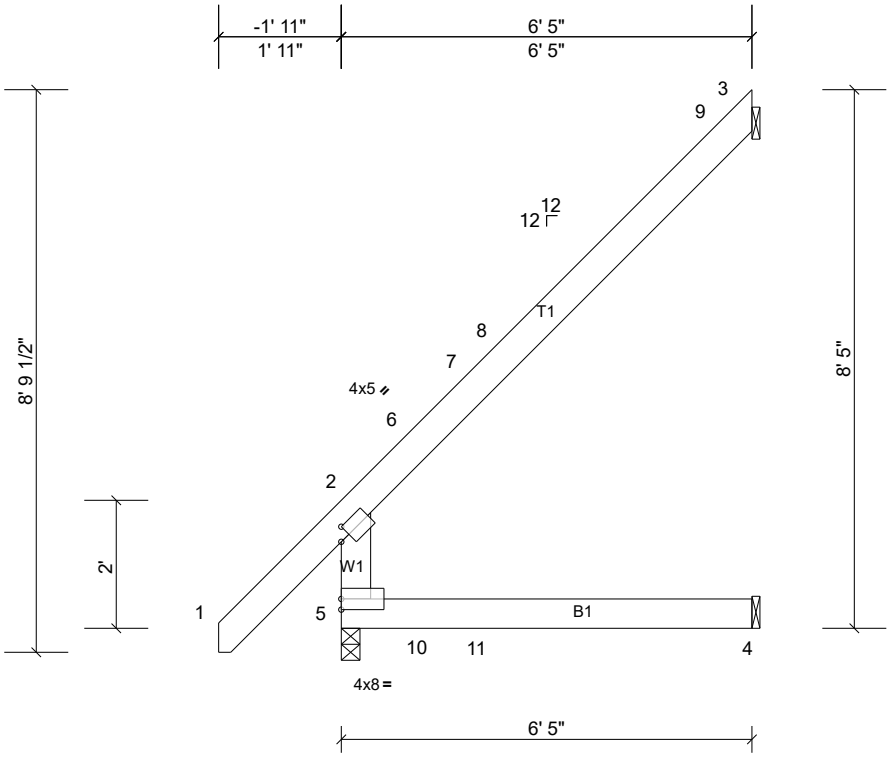

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Plate Offsets (X, Y): [2:0' 2",0' 2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	0.11	4-5	>654	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.52	Vert(CT)	0.10	4-5	>736	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.14	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 46 lb	FT = 20%

LUMBER

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

BRACING

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

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

REACTIONS (lb/size) 3=157/ Mechanical, (min. 0' 1 1/2"), 4=68/ Mechanical, (min. 0' 1 1/2"), 5=389/0' 3 1/2", (min. 0' 1 1/2")
Max Horiz 5=285 (LC 14)
Max Uplift 3=-181 (LC 14), 4=-47 (LC 11)
Max Grav 3=278 (LC 21), 4=117 (LC 7), 5=447 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-402/48, 2-6=-317/66, 6-7=-306/79, 7-8=-303/85, 8-9=-297/149, 3-9=-273/169

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 2-1-5, Exterior(2R) 2-1-5 to 6-4-4 zone; porch 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 3.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J07	Jack-Closed	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:02 — Page: 1

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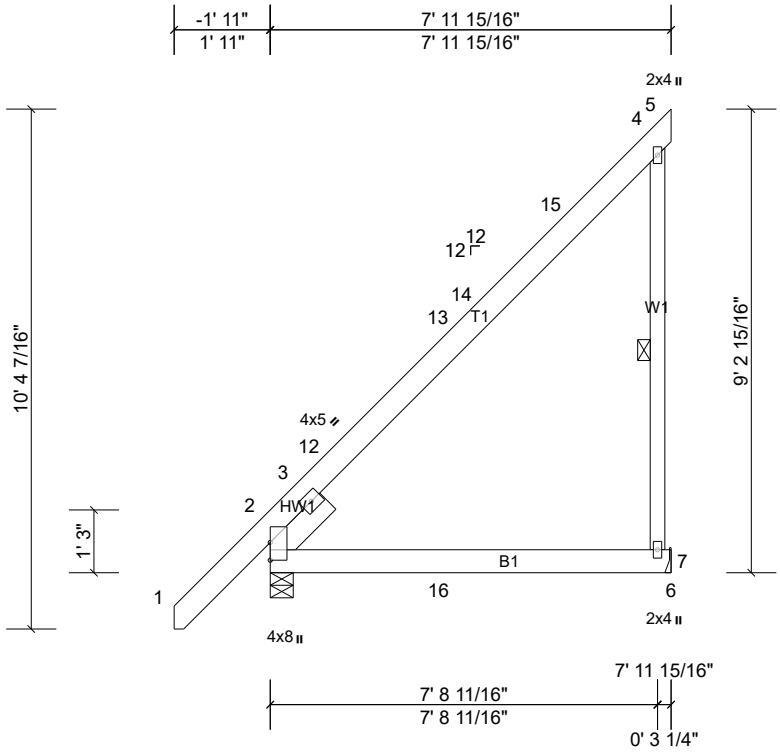

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	0.10	7-10	>974	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.15	7-10	>630	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.04	2	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 68 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 1' 6"

REACTIONS (lb/size) 2=431/0' 5 1/2", (min. 0' 1 1/2"), 7=318/ Mechanical, (min. 0' 1 1/2")
Max Horiz 2=327 (LC 14)
Max Uplift 7=-180 (LC 14)
Max Grav 2=478 (LC 5), 7=500 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-7

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

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-799/334, 3-12=-297/60, 12-13=-293/96, 13-14=-267/103, 14-15=-264/103, 4-15=-252/171, 4-7=-351/332
BOT CHORD 2-16=-341/173

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 3-9-0, Exterior(2R) 3-9-0 to 7-11-15 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 180 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J07A	Jack-Closed	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:03 — Page: 1

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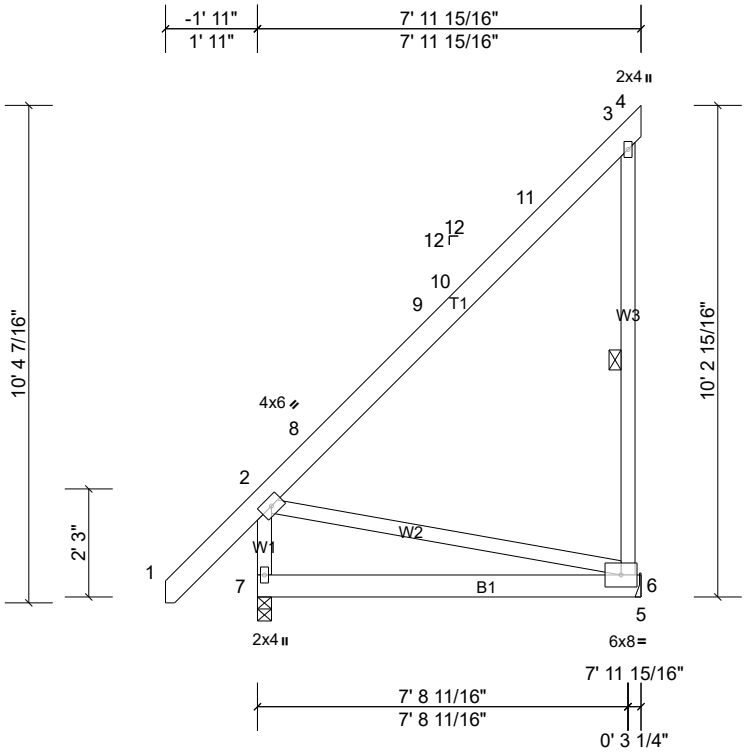

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Loading	(psf)	Spacing	1' 11 1/4"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.64	Vert(LL)	-0.05	6-7	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	-0.10	6-7	>924	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 79 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 6=300/ Mechanical, (min. 0' 1 1/2"), 7=422/0' 3 1/2", (min. 0' 1 1/2")

Max Horiz 7=316 (LC 14)

Max Uplift 6=-217 (LC 14)

Max Grav 6=445 (LC 21), 7=462 (LC 21)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 3-6

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

TOP CHORD	2-7=-388/0, 2-8=-305/74, 8-9=-275/109, 9-10=-271/111, 10-11=-269/115, 3-11=-257/181, 3-6=-366/340
BOT CHORD	6-7=-509/124
WEBS	2-6=-128/524

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-9-14 to 1-2-2, Interior (1) 1-2-2 to 3-9-0, Exterior(2R) 3-9-0 to 7-11-15 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 217 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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	J08	Jack-Closed	18	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:03 — Page: 1

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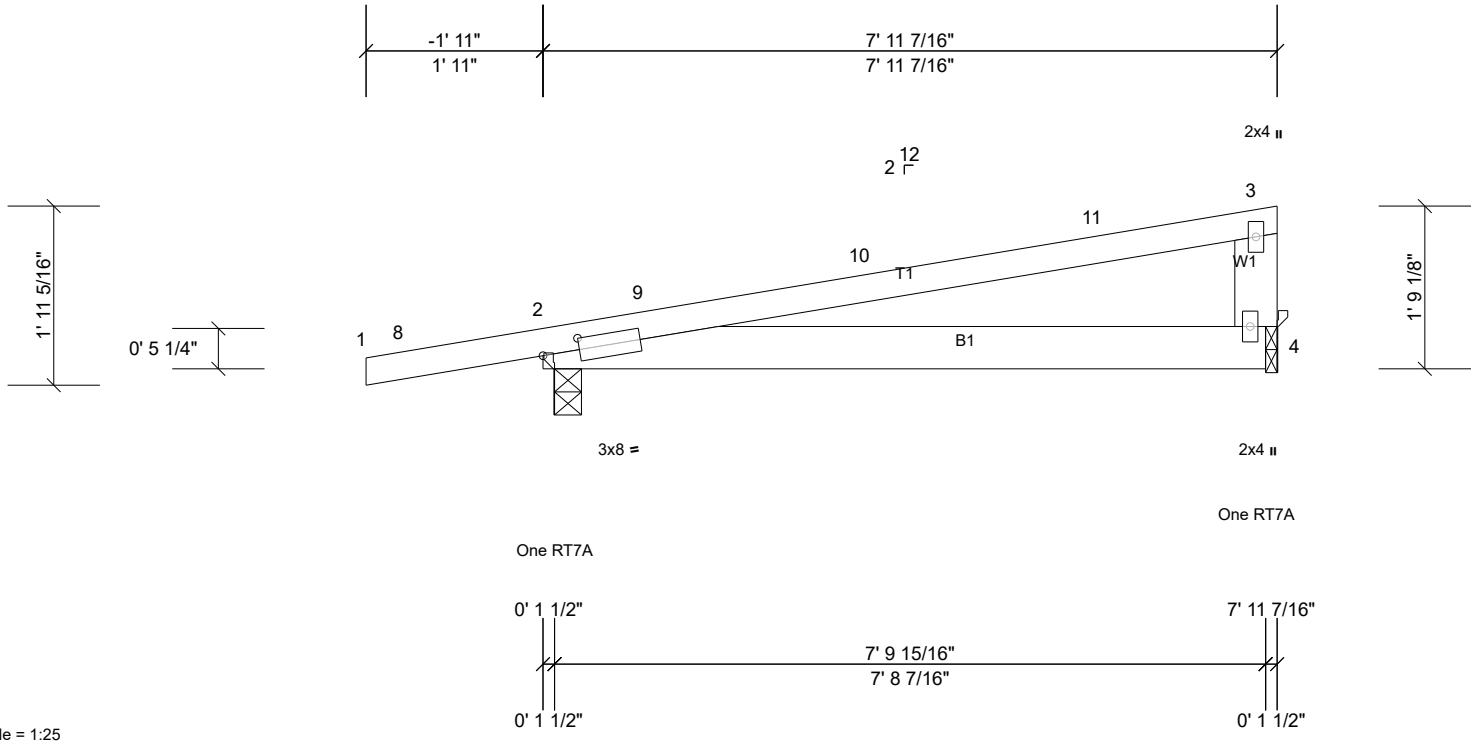

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Plate Offsets (X, Y): [2:0' 4 13/16",0' 1 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.73	Vert(LL)	-0.10	4-7	>927	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.68	Vert(CT)	-0.17	4-7	>533	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 36 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 2=438/0' 3 1/2", (min. 0' 1 1/2"), 4=295/0' 1 1/2", (min. 0' 1 1/2")
Max Horiz 2=55 (LC 13)
Max Uplift 2=-127 (LC 10), 4=-42 (LC 10)
Max Grav 2=551 (LC 21), 4=371 (LC 21)

BRACING

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

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

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-11-0 to 1-1-0, Interior (1) 1-1-0 to 3-5-12, Exterior(2R) 3-5-12 to 7-8-11 zone; 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
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) 4 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 at joint(s) 4.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	K1	Piggyback Base Supported Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:03 — Page: 1

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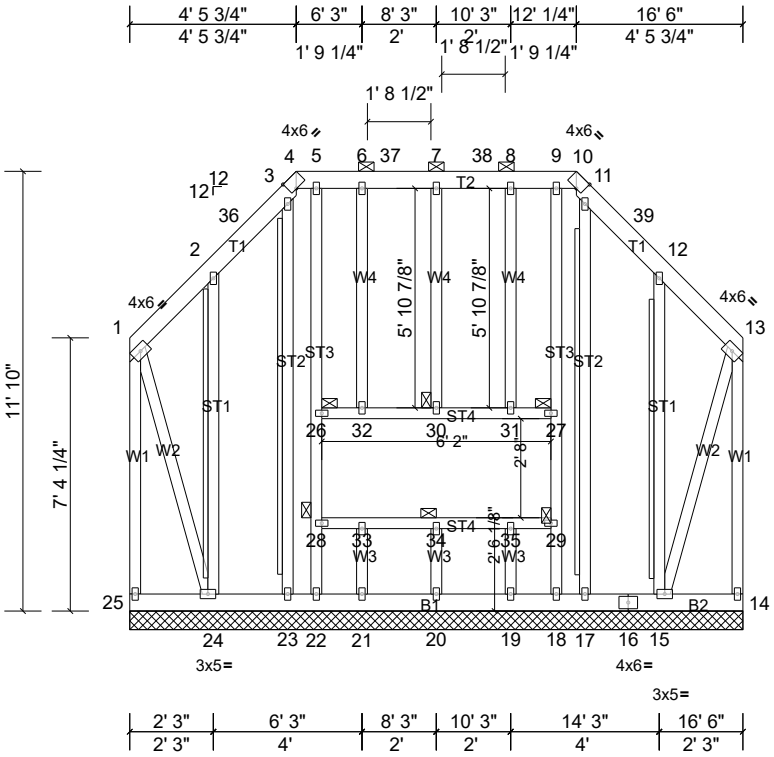

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Plate Offsets (X, Y): [4:0' 2 1/8",Edge], [10:0' 2 1/8",Edge]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.02	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.32	Horiz(TL)	0.00	14	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 270 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.2 *Except* ST4,ST1:2x4 SP No.3, O2,O1,O3,O4:2x4 SPF No.2(flat)

REACTIONS All bearings 16' 6".

(lb) - Max Horiz 25=-104 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) except 14=-186 (LC 11), 15=-241 (LC 15), 18=-103 (LC 10), 22=-104 (LC 11), 24=-244 (LC 14), 25=-193 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 14, 17, 19, 20, 21, 23, 25 except 15=412 (LC 48), 18=501 (LC 37), 22=501 (LC 37), 24=416 (LC 46)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-10.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 24-25,14-15.
WEBS	T-Brace: 2x4 SPF No.2 - 3-23, 2-24, 11-17, 12-15 Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.
JOINTS	1 Brace at Jt(s): 26, 27, 28, 29, 30, 34

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

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

WEBS 22-28=-490/110, 26-28=-494/111, 5-26=-471/106, 18-29=-490/109, 27-29=-494/110, 9-27=-471/105

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) interior zone and C-C Corner(3E) 5-3-14 to 8-3-14, Corner(3R) 8-3-14 to 12-7-14, Exterior(2N) 12-7-14 to 14-2-6, Corner(3R) 14-2-6 to 18-6-6, Corner(3E) 18-6-6 to 21-6-6 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) Provide adequate drainage to prevent water ponding.
7) All plates are 2x4 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) Vertical gable studs spaced at 2-0-0 oc and horizontal gable studs spaced at 2-11-8 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.

Continued on page 2

13) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 25, 14, 22, 18, 24, and 15. This connection is for uplift only and does not consider lateral forces.
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.
16) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	L1	Common Supported Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:04 — Page: 1

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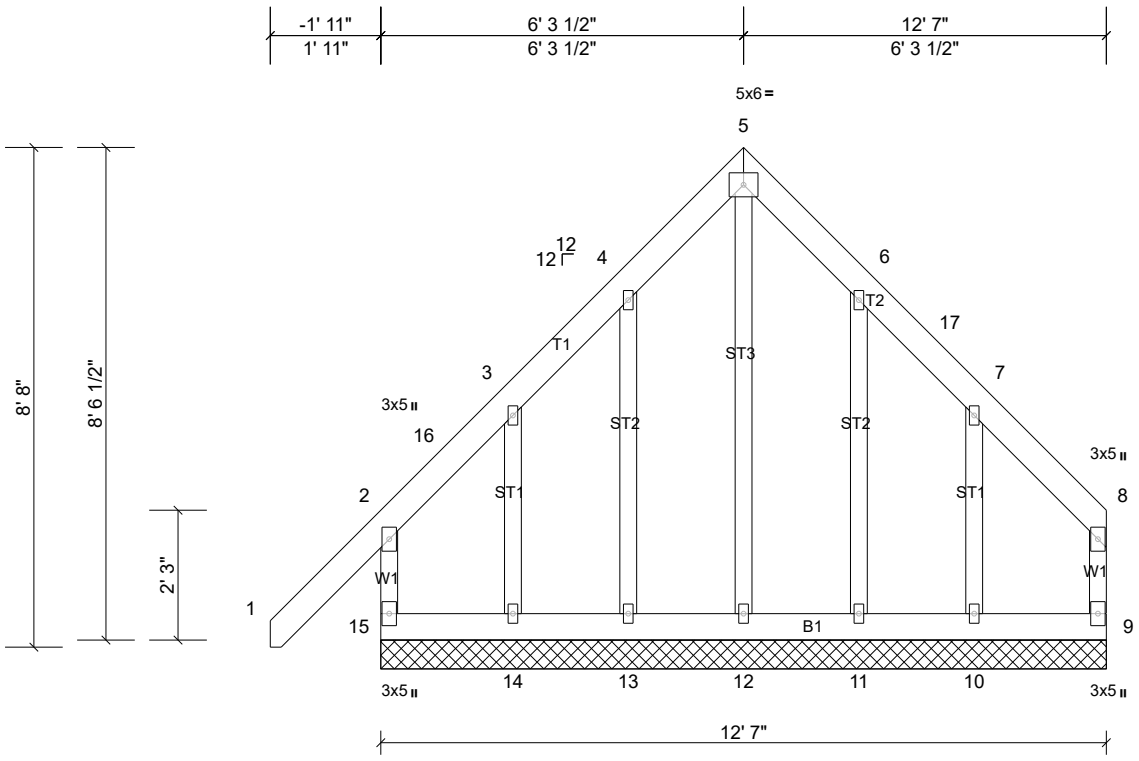

Scale = 1:40

12' 7"

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.00	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 122 lb	FT = 20%

LUMBER

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

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

REACTIONS All bearings 12' 7".

(lb) - Max Horiz 15=238 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 11, 13 except 9=-149 (LC 11), 10=-166 (LC 15), 14=-174 (LC 14), 15=-142 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 9, 14 except 10=304 (LC 25), 11=271 (LC 22), 12=266 (LC 14), 13=285 (LC 21), 15=295 (LC 25)

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

TOP CHORD 2-15=-230/374, 3-4=-140/351, 4-5=-182/445, 5-6=-182/445, 6-17=-123/358, 7-17=-140/351

WEBS 5-12=-499/138

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-9-14 to 1-2-2, Exterior(2N) 1-2-2 to 3-3-8, Corner(3R) 3-3-8 to 9-5-4, Corner(3E) 9-5-4 to 12-5-4 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 2x4 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 15, 9, 13, 14, 11, and 10. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	M1	Roof Special	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:04 — Page: 1

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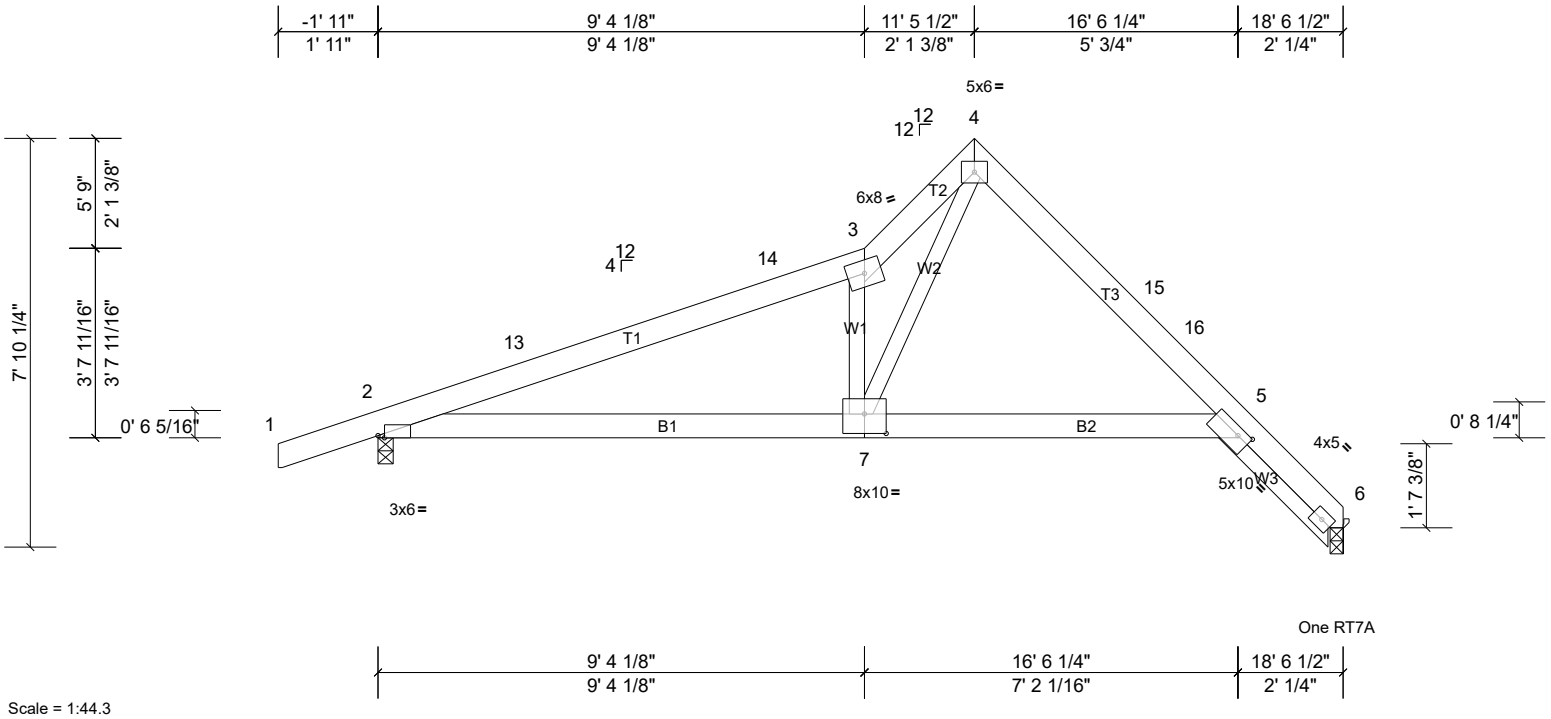

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Plate Offsets (X, Y): [2:0' 1 1/2",Edge], [5:0' 2 15/16",0' 1 3/4"], [7:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	-0.15	7-11	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.76	Vert(CT)	-0.28	7-11	>776	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.20	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 115 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2 *Except* T3:2x6 SP 2400F 2.0E
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W3:2x4 SP No.2

REACTIONS (lb/size) 2=856/0' 3 1/2", (min. 0' 1 1/2"), 6=746/0' 3", (min. 0' 1 1/2")
Max Horiz 2=170 (LC 13)
Max Uplift 2=-137 (LC 10), 6=-42 (LC 15)
Max Grav 2=920 (LC 39), 6=786 (LC 22)

BRACING

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

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

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

TOP CHORD	2-13=-1482/275, 13-14=-1404/289, 3-14=-1360/302, 3-4=-1908/498, 4-15=-869/237, 15-16=-886/212, 5-16=-906/205, 5-6=-544/188
BOT CHORD	2-7=-63/1332, 5-7=0/692
WEBS	3-7=-1245/358, 4-7=-340/1699

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-9 to 1-3-0, Interior (1) 1-3-0 to 9-4-2, Exterior(2R) 9-4-2 to 14-5-8, Interior (1) 14-5-8 to 15-5-0, Exterior(2E) 15-5-0 to 18-5-0 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 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) Bearing at joint(s) 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 6 and 2. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	M2	Roof Special Structural Gable	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:05 — Page: 1

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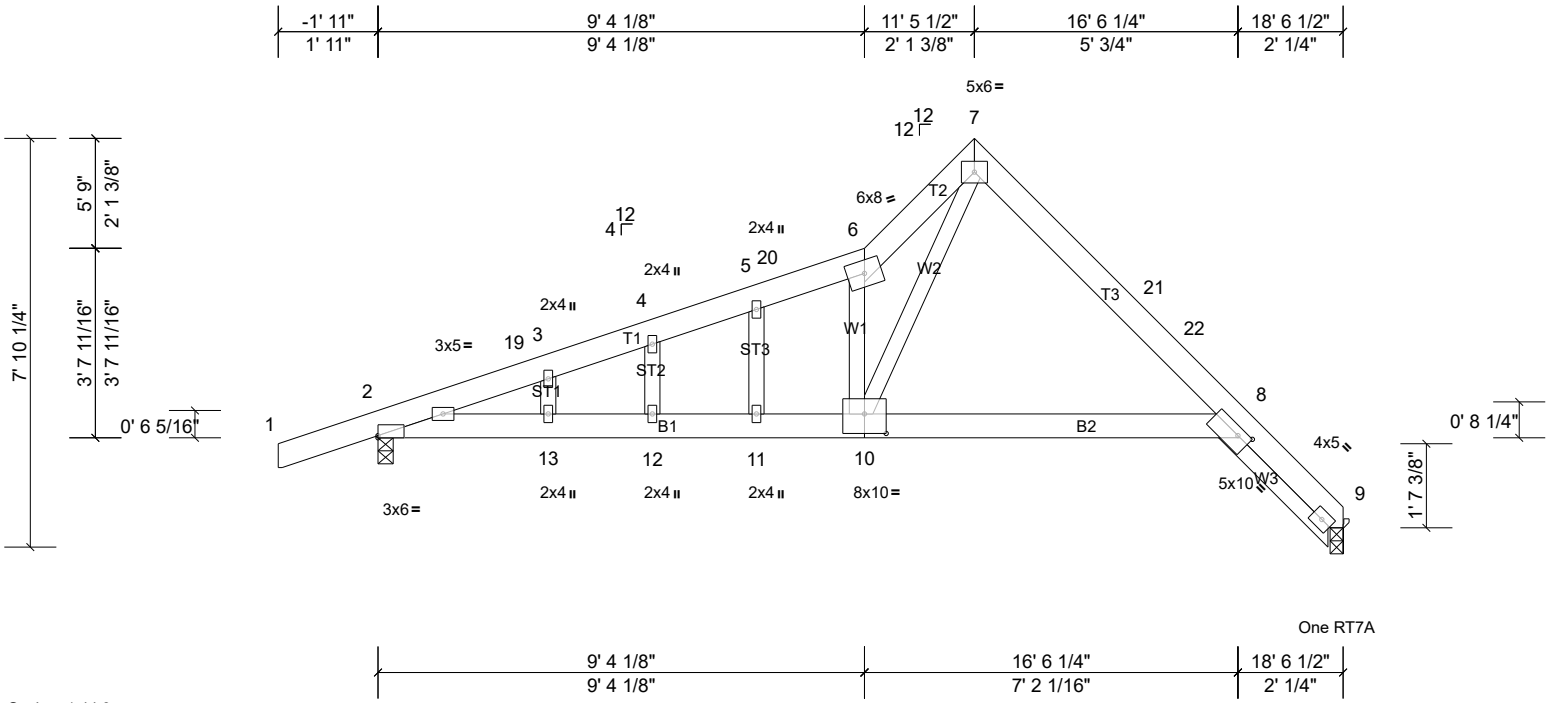

Scale = 1:44.3

Plate Offsets (X, Y): [2:Edge,0' 1/2"], [8:0' 2 15/16",0' 1 3/4"], [10:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	-0.15	12-13	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.87	Vert(CT)	-0.27	10-17	>814	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.19	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 121 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2 *Except* T3:2x6 SP 2400F 2.0E
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W3:2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-1-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 2=856/0' 3 1/2", (min. 0' 1 1/2"), 9=746/0' 3", (min. 0' 1 1/2")
Max Horiz 2=170 (LC 13)
Max Uplift 2=-137 (LC 10), 9=-42 (LC 15)
Max Grav 2=920 (LC 39), 9=786 (LC 22)

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

TOP CHORD	2-19=-1459/258, 3-19=-1428/259, 3-4=-1439/281, 4-5=-1402/298, 5-20=-1431/324, 6-20=-1420/330, 6-7=-1900/489, 7-21=-897/252, 21-22=-915/226, 8-22=-934/220, 8-9=-544/188
BOT CHORD	2-13=-71/1347, 12-13=-71/1347, 11-12=-71/1347, 10-11=-71/1347, 8-10=0/708
WEBS	6-10=-1052/266, 7-10=-333/1698

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-10-9 to 1-3-0, Interior (1) 1-3-0 to 9-4-2, Exterior(2R) 9-4-2 to 14-5-8, Interior (1) 14-5-8 to 15-5-0, Exterior(2E) 15-5-0 to 18-5-0 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 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) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 2. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	N1	Roof Special	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:05 — Page: 1

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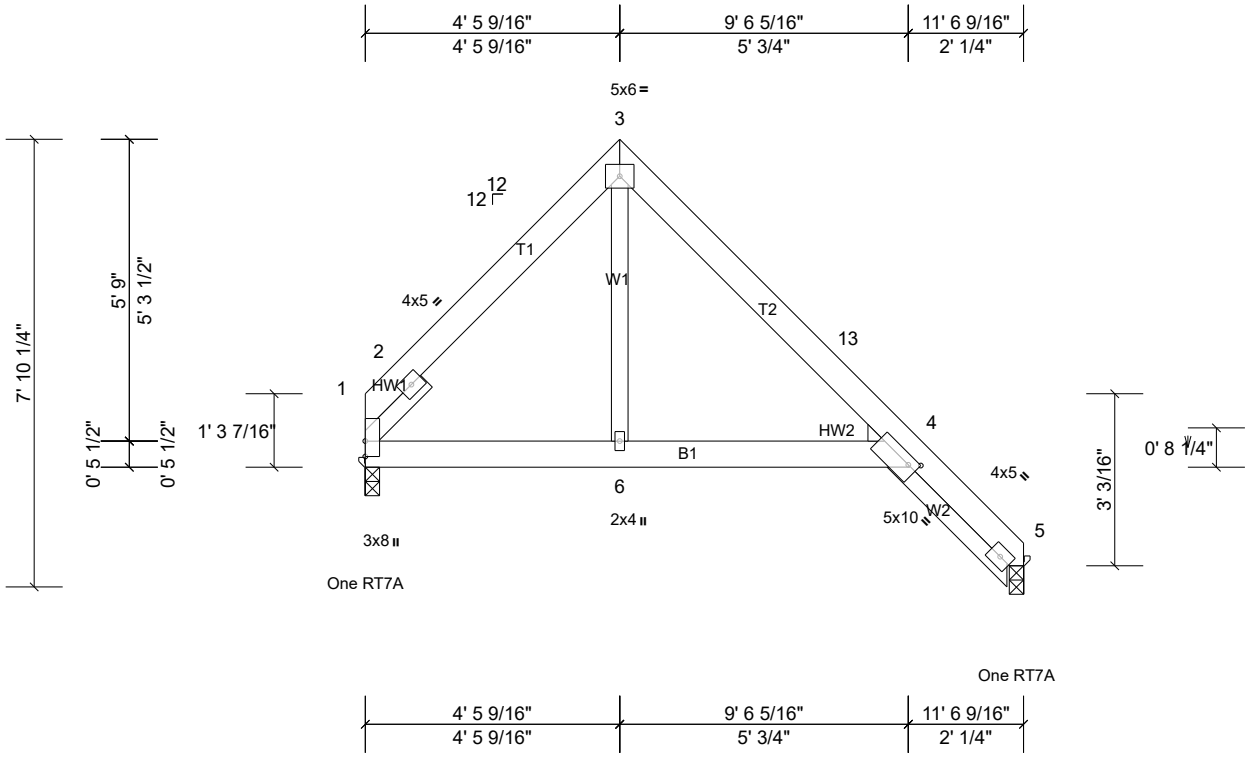

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Plate Offsets (X, Y): [4:0' 1 15/16",0' 1 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.74	Vert(LL)	-0.10	6-11	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.72	Vert(CT)	-0.17	6-11	>824	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.13	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 76 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
WEDGE	Right: 2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1' 6"

BRACING

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

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

REACTIONS (lb/size) 1=458/0' 3", (min. 0' 1 1/2"), 5=471/0' 3", (min. 0' 1 1/2")
Max Horiz 1=-162 (LC 15)
Max Uplift 1=-29 (LC 15), 5=-36 (LC 15)
Max Grav 1=548 (LC 21), 5=541 (LC 22)

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

TOP CHORD	2-3=-564/105, 3-13=-472/96, 4-13=-545/66, 4-5=-371/76
BOT CHORD	1-6=-101/334, 4-6=0/334
WEBS	3-6=-7/296

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 1-3-7 to 4-3-7, Exterior(2R) 4-3-7 to 8-9-0, Interior (1) 8-9-0 to 9-8-8, Exterior(2E) 9-8-8 to 12-8-8 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 5. This connection is for uplift only and does not consider lateral forces.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	P1	Common Supported Gable	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:05 — Page: 1

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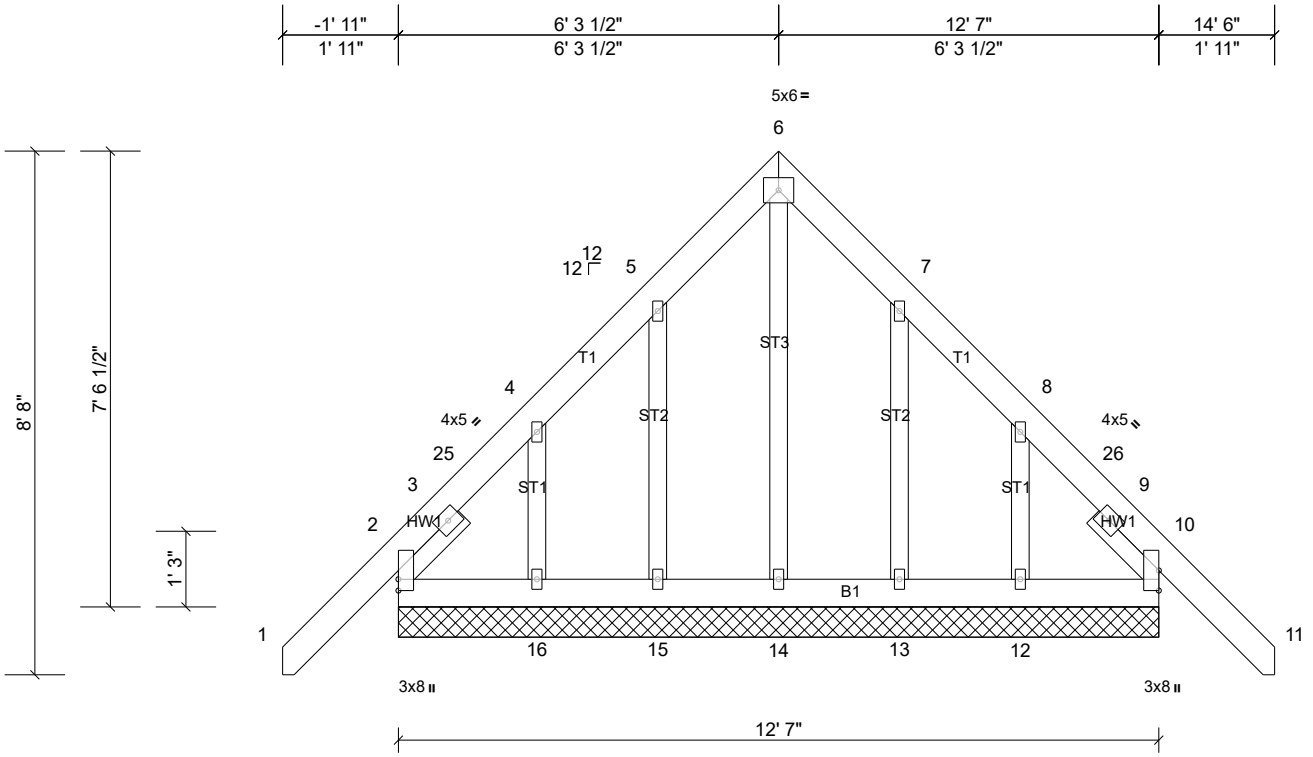

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Loading	(psf)	Spacing	1' 11 1/4"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 121 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1' 6", Right 2x4 SP No.3 -- 1' 6"

BRACING

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

REACTIONS All bearings 12' 7".

(lb) - Max Horiz 2=185 (LC 13), 17=185 (LC 13)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 10, 13, 15, 17, 21 except 12=-148 (LC 15), 16=-153 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 10, 12, 14, 16, 17, 21 except 13=275 (LC 22), 15=275 (LC 21)

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

BOT CHORD 2-16=-74/262, 15-16=-74/263, 14-15=-74/264, 13-14=-74/264, 12-13=-74/263, 10-12=-73/262

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-9-14 to 1-2-2, Exterior(2N) 1-2-2 to 3-3-8, Corner(3R) 3-3-8 to 9-3-8, Exterior(2N) 9-3-8 to 11-4-14, Corner(3E) 11-4-14 to 14-4-14 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 10, 15, 16, 13, and 12. This connection is for uplift only and does not consider lateral forces.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB04	Piggyback	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:06 — Page: 1

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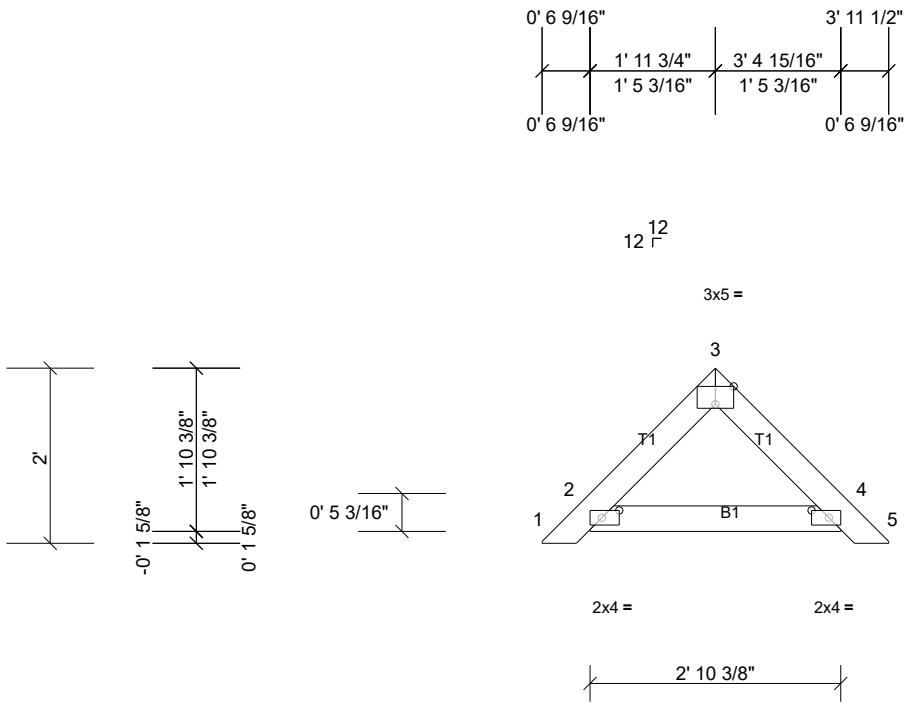

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Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [3:0' 2 1/2",Edge], [4:0' 2 3/8",0' 1"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 13 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 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS All bearings 2' 10 3/8".
(lb) - Max Horiz 2=-42 (LC 12), 6=-42 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 6, 9
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 9

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

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB05	Piggyback	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:06 — Page: 1

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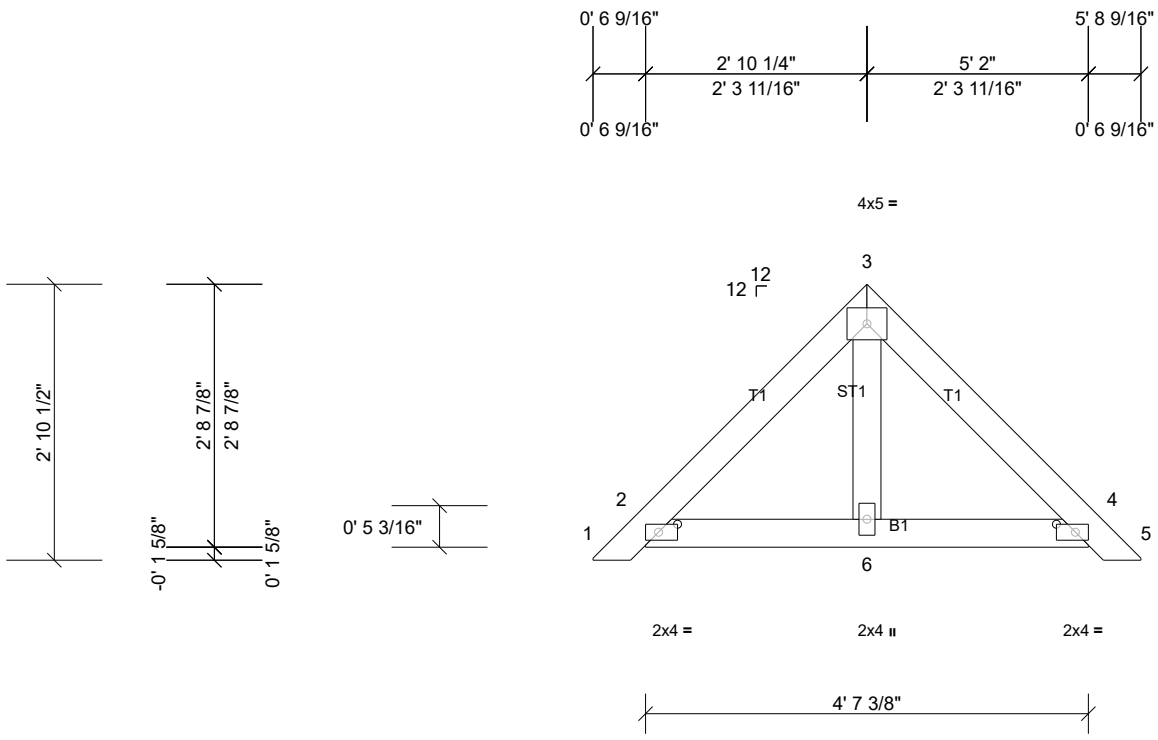

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Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [4:0' 2 3/8",0' 1"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 22 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 5-9-1 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS All bearings 4' 7 3/8".
(lb) - Max Horiz 2=-62 (LC 12), 7=-62 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 10
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB05A	Piggyback	19	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:07 — Page: 1

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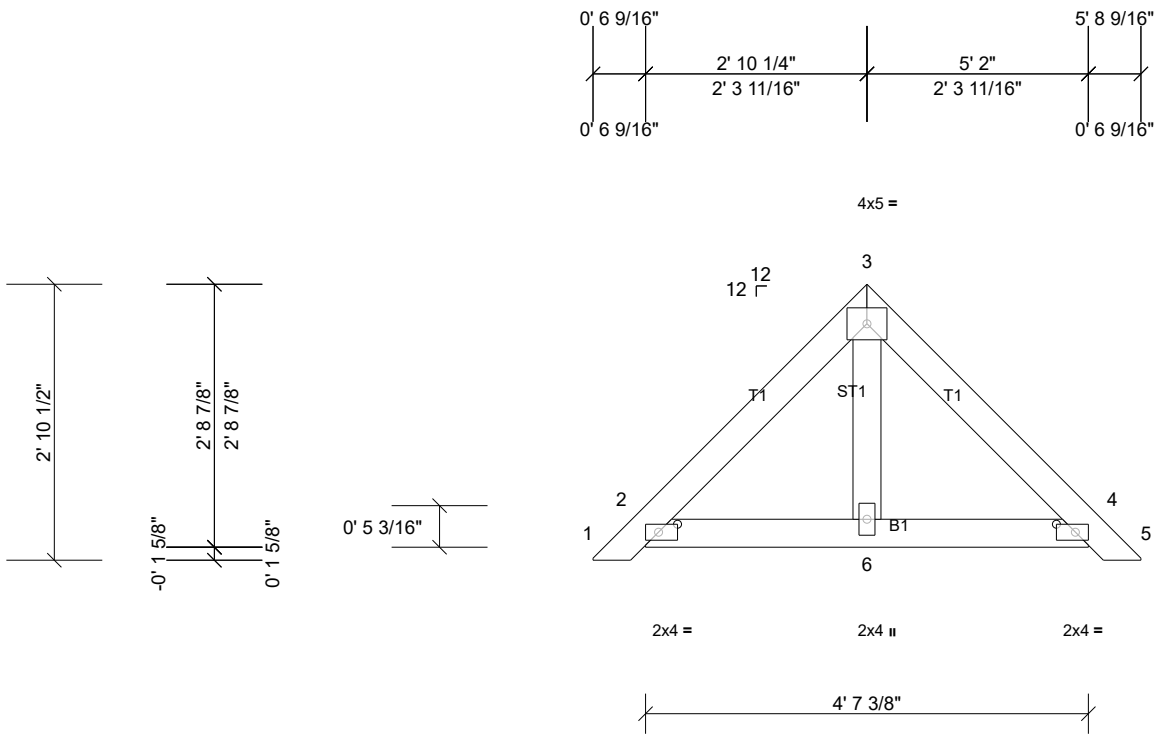

Scale = 1:24

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [4:0' 2 3/8",0' 1"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 22 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 5-9-1 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS All bearings 4' 7 3/8".
(lb) - Max Horiz 2=-62 (LC 12), 7=-62 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 10
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB05B	Piggyback	1	**2**	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:07 — Page: 1

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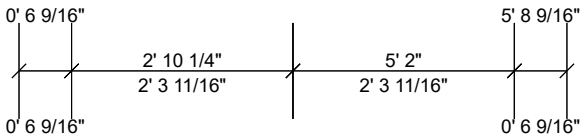
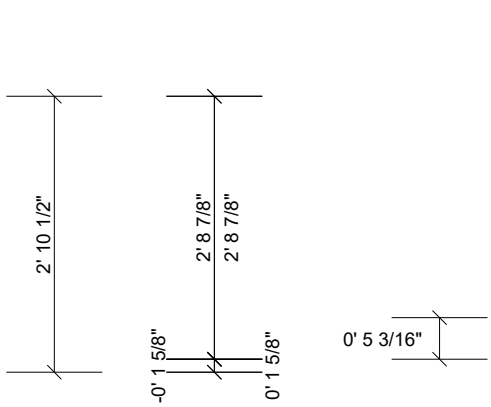




Scale = 1:24

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [4:0' 2 3/8",0' 1"]

LUMBER

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

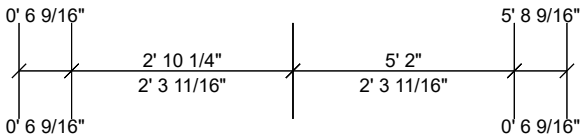
REACTIONS All bearings 4' 7 3/8".

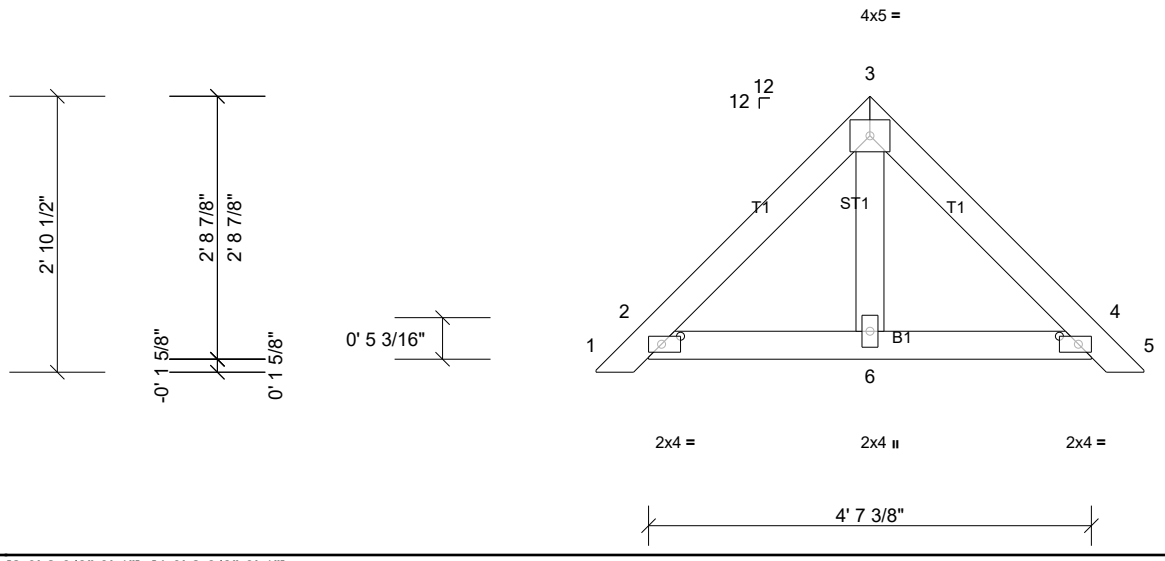
(lb) - Max Horiz 2=-62 (LC 12), 7=-62 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 10
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-9-1 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB05C	Piggyback	1	**2**	Job Reference (optional)





Scale = 1:24

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [4:0' 2 3/8",0' 1"]

Loading	(psf)	**Spacing**	2'	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 44 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 5-9-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings 4' 7 3/8".
(lb) - Max Horiz 2=-62 (LC 12), 7=-62 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 10
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

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

NOTES
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" oc.
Bottom chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; 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. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
6) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
9) Gable requires continuous bottom chord bearing.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB05D	Piggyback	2	3	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:08 — Page: 1

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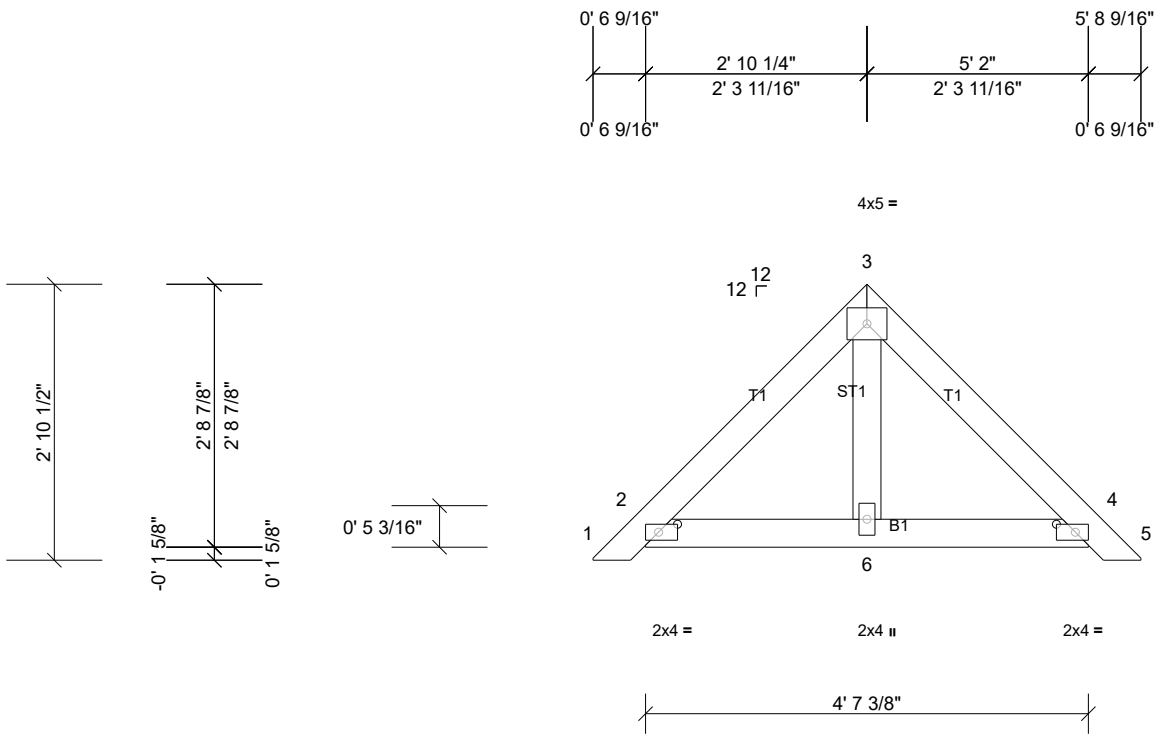

Scale = 1:24

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [4:0' 2 3/8",0' 1"]

Loading	(psf)	Spacing	2'	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 (Pf)	20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 66 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 5-9-1 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings 4' 7 3/8".

(lb) - Max Horiz 2=-62 (LC 12), 7=-62 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 10
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

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

NOTES

1) 3-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" oc.
Bottom chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0' 9" 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; 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. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
6) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
9) Gable requires continuous bottom chord bearing.
10) Gable studs spaced at 4-0-0 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB06	Piggyback	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:08 — Page: 1

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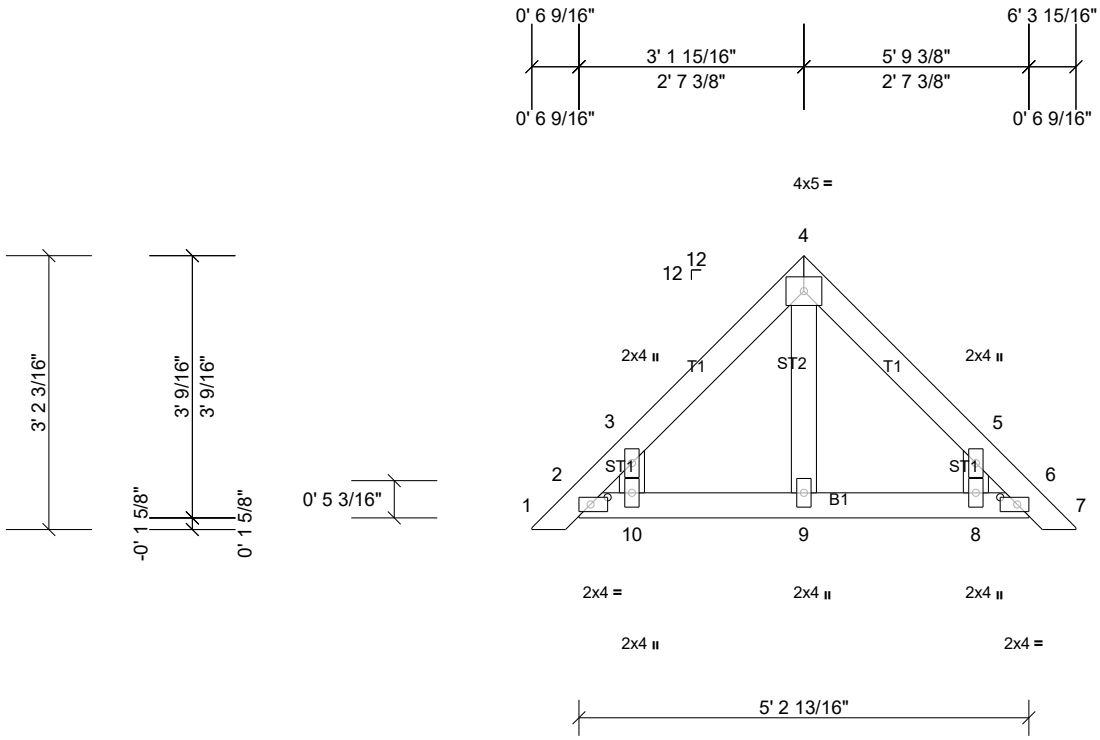

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5' 2 13/16"

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [6:0' 2 3/8",0' 1"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	14	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 26 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.

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

REACTIONS All bearings 5' 2 13/16".

(lb) - Max Horiz 2=-70 (LC 12), 11=-70 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 11, 14 except 8=-111 (LC 15), 10=-112 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 6, 10, and 8. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB06A	Piggyback	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:09 — Page: 1

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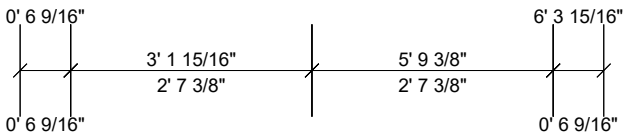
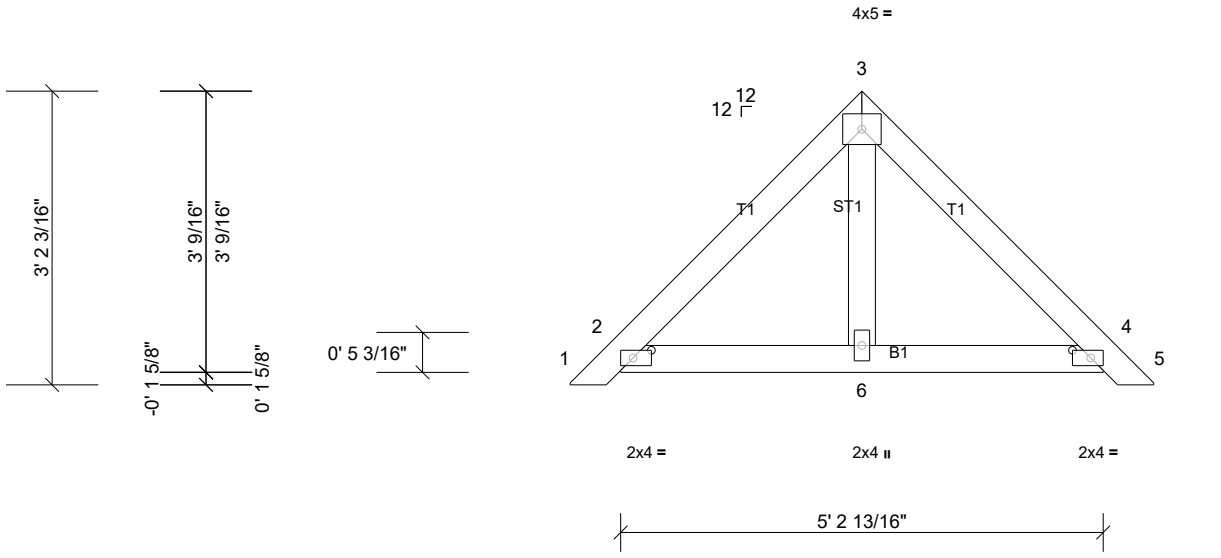




Scale = 1:25

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [4:0' 2 3/8",0' 1"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 25 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.

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

REACTIONS All bearings 5' 2 13/16".
(lb) - Max Horiz 2=-70 (LC 12), 7=-70 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 10
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

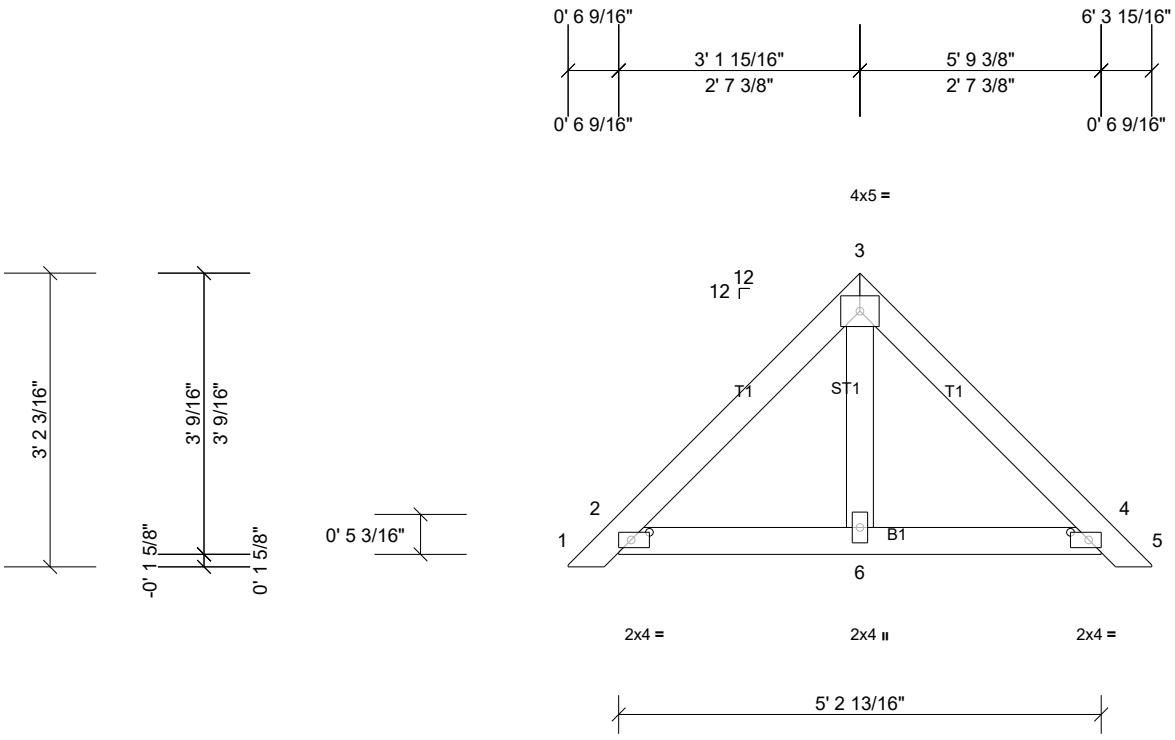
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB06B	Piggyback	1	**2**	Job Reference (optional)



Scale = 1:25

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [4:0' 2 3/8",0' 1"]

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 5' 2 13/16".
(lb) - Max Horiz 2=-70 (LC 12), 7=-70 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 10
Max Grav All reactions 250 (lb) or less at joint(s) 2, 4, 6, 7, 10

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB07	Piggyback	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:09 — Page: 1

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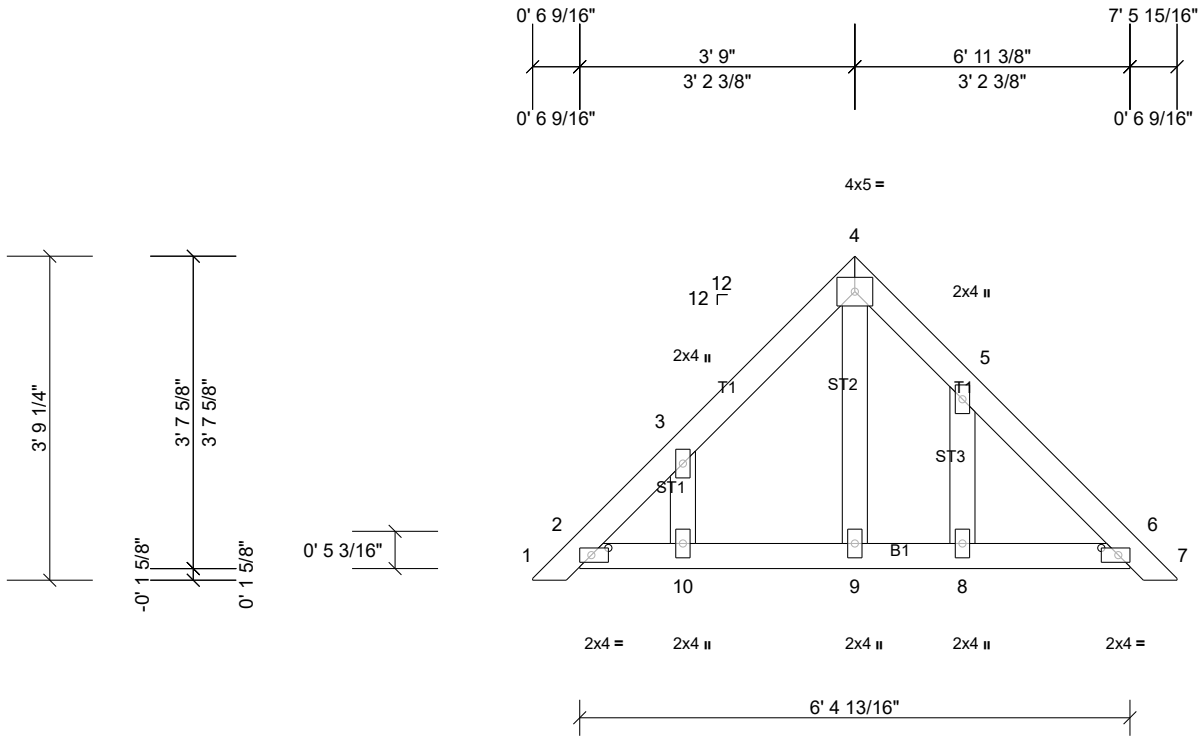

Scale = 1:26.8

Plate Offsets (X, Y): [2:0' 2 3/8",0' 1"], [6:0' 2 3/8",0' 1"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 34 lb	FT = 20%

LUMBER

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

REACTIONS All bearings 6' 4 13/16".

(lb) - Max Horiz 2=-83 (LC 12), 11=-83 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 11 except 8=-107 (LC 15), 10=-109 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 8, 9, 10, 11, 14

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

BRACING

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

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-10 to 3-2-10, Exterior(2R) 3-2-10 to 4-3-14, Exterior(2E) 4-3-14 to 7-3-14 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 8, and 10. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB09	Piggyback	6	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:10 — Page: 1

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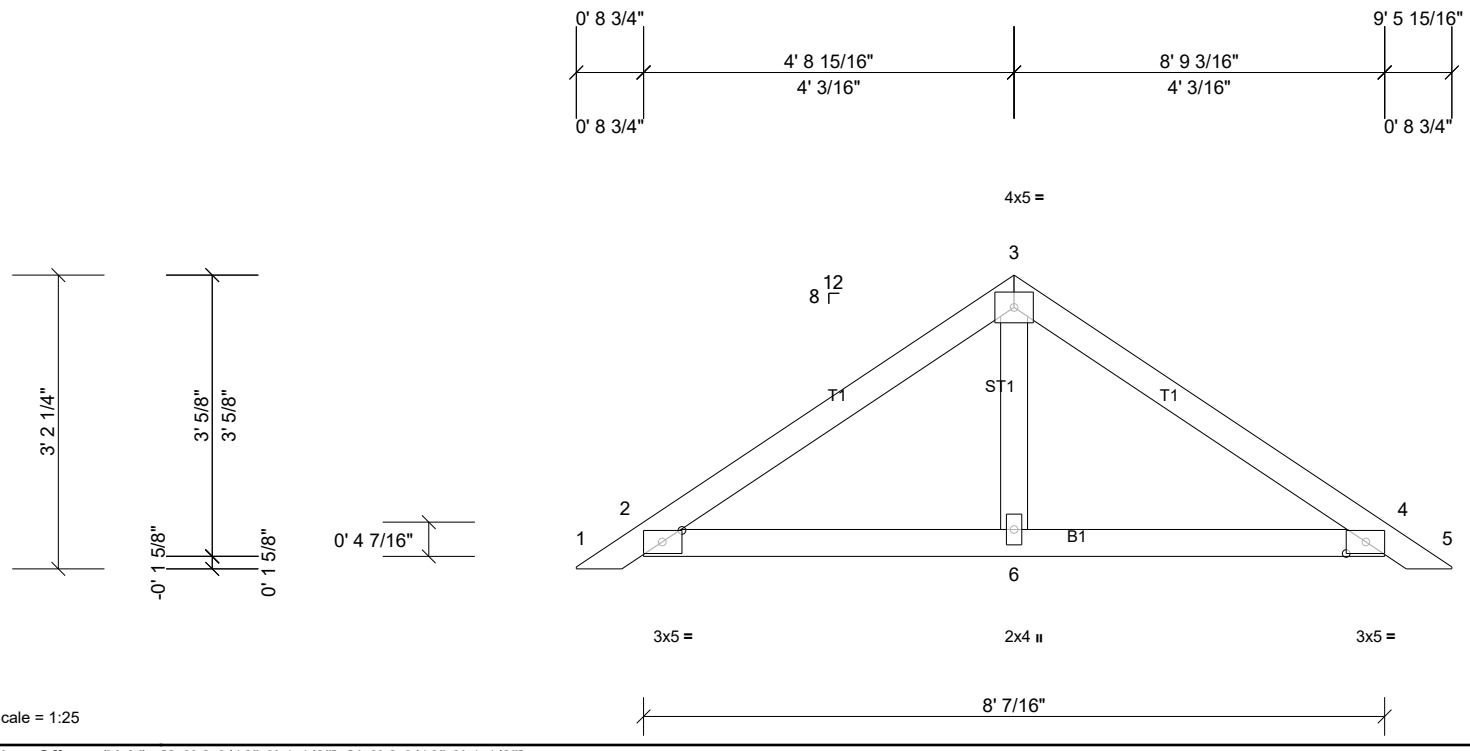

Scale = 1:25

Plate Offsets (X, Y): [2:0' 2 9/16",0' 1 1/2"], [4:0' 2 9/16",0' 1 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.34	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	2	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 33 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.

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

REACTIONS All bearings 8' 7/16".
(lb) - Max Horiz 2=70 (LC 13), 7=70 (LC 13)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 7, 11
Max Grav All reactions 250 (lb) or less at joint(s) except 2=321 (LC 21), 4=321 (LC 22), 6=280 (LC 22), 7=321 (LC 21), 11=321 (LC 22)

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-5 to 3-3-5, Exterior(2R) 3-3-5 to 6-3-5, Exterior(2E) 6-3-5 to 9-3-5 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB18	Piggyback	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:10 — Page: 1

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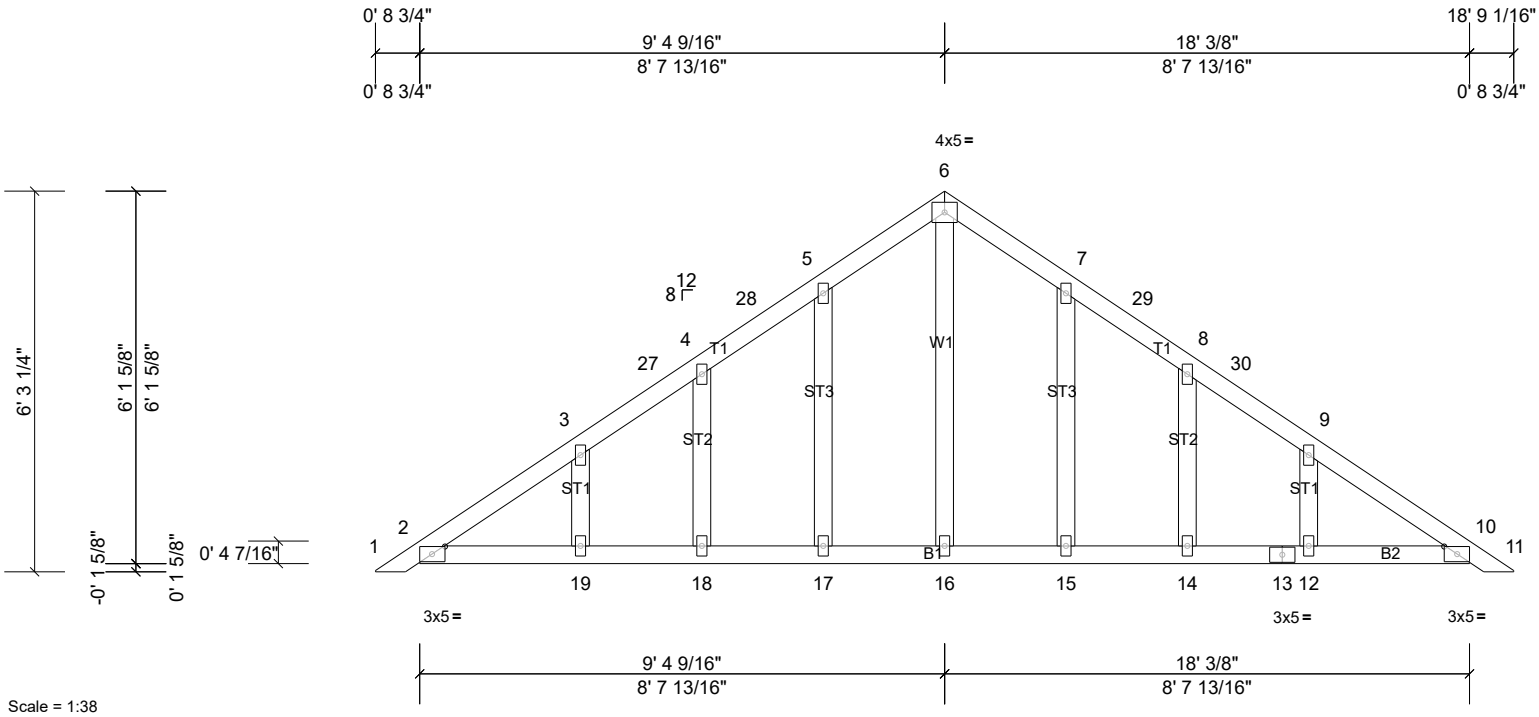

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Plate Offsets (X, Y): [2:0' 2 9/16",0' 1 1/2"], [10:0' 2 9/16",0' 1 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 94 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS All bearings 17' 3 5/8".
(lb) - Max Horiz 2=-143 (LC 12), 20=-143 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 12, 14, 15, 17, 18, 19, 20
Max Grav All reactions 250 (lb) or less at joint(s) 2, 10, 12, 14, 16, 18, 19, 20, 24 except 15=265 (LC 22), 17=265 (LC 21)

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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-5 to 3-4-15, Interior (1) 3-4-15 to 6-4-15, Exterior(2R) 6-4-15 to 12-4-15, Interior (1) 12-4-15 to 15-4-15, Exterior(2E) 15-4-15 to 18-6-8 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 17, 18, 19, 15, 14, and 12. This connection is for uplift only and does not consider lateral forces.
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 Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB18A	Piggyback	17	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:11 — Page: 1

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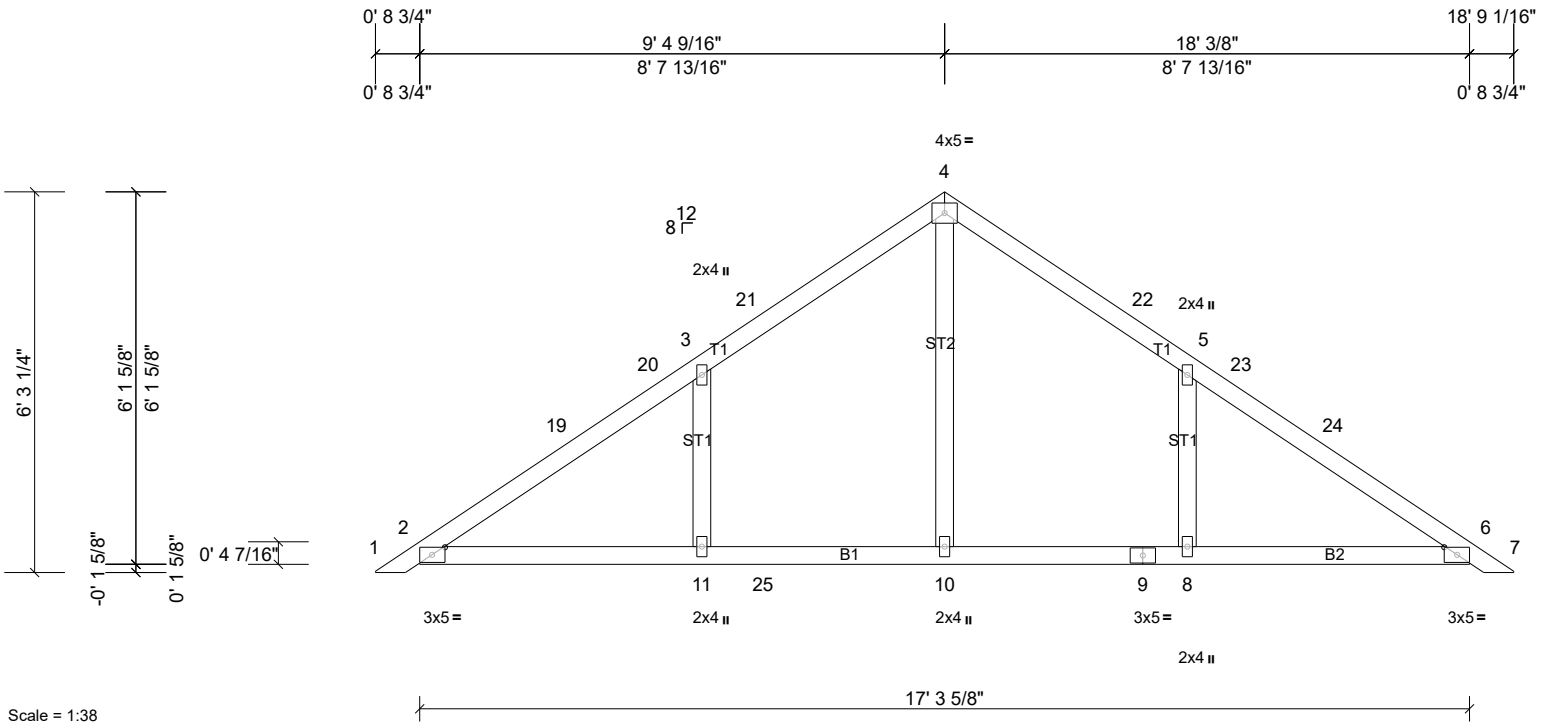

Scale = 1:38

Plate Offsets (X, Y): [2:0' 2 9/16",0' 1 1/2"], [6:0' 2 9/16",0' 1 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 76 lb	FT = 20%

LUMBER

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

REACTIONS All bearings 17' 3 5/8".

(lb) - Max Horiz 2=-143 (LC 12), 12=-143 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 12, 16 except 8=-157 (LC 15), 11=-158 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 12, 16 except 8=546 (LC 6), 10=309 (LC 27), 11=542 (LC 5)

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

WEBS 3-11=-418/193, 5-8=-418/193

BRACING

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

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

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-5 to 3-3-5, Interior (1) 3-3-5 to 6-4-15, Exterior(2R) 6-4-15 to 12-4-15, Interior (1) 12-4-15 to 15-6-8, Exterior(2E) 15-6-8 to 18-6-8 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 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, with BCDL = 10.0psf.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 11, 8, and 6. This connection is for uplift only and does not consider lateral forces.
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) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	PB22	Piggyback	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:11 — Page: 1

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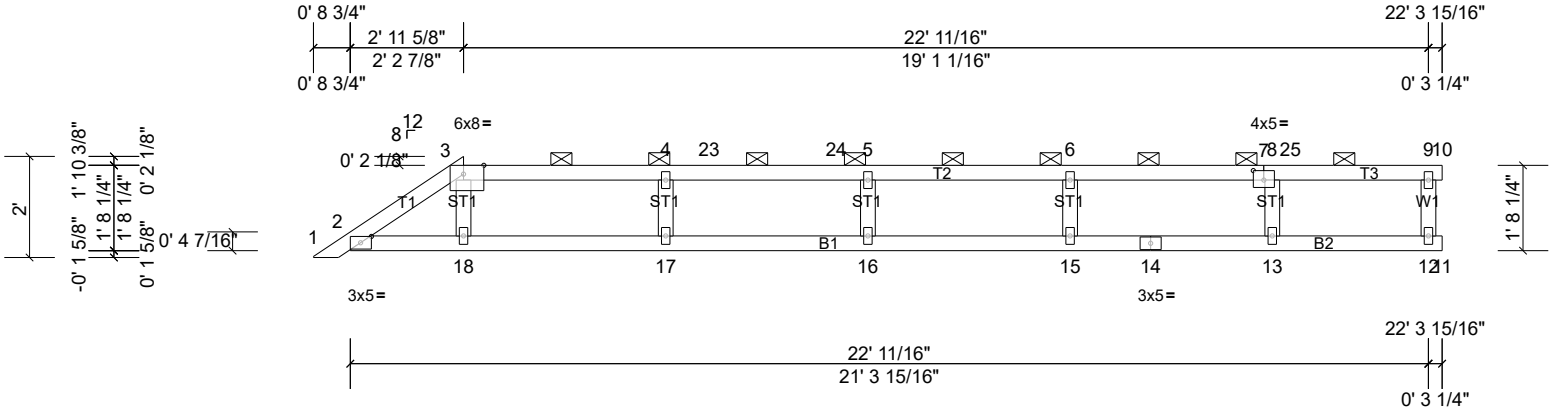

Scale = 1:45.6

Plate Offsets (X, Y): [2:0' 2 9/16",0' 1 1/2"], [3:0' 4 13/16",Edge], [7:0' 2 1/2",0' 2 1/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 76 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

REACTIONS All bearings 21' 7 3/16".

(lb) - Max Horiz 2=61 (LC 14), 19=61 (LC 14)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 11, 12, 13, 15, 16, 17, 18, 19 except 10=-133 (LC 35)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 10, 11, 19 except 12=350 (LC 35), 13=430 (LC 35), 15=388 (LC 35), 16=346 (LC 35), 17=495 (LC 35), 18=282 (LC 35)

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

WEBS 4-17=-412/108, 5-16=-267/96, 6-15=-306/101, 8-13=-357/92, 9-12=-276/78

BRACING

TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-10.

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

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-5 to 3-0-0, Exterior(2R) 3-0-0 to 7-0-0, Interior (1) 7-0-0 to 19-4-5, Exterior(2E) 19-4-5 to 22-4-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x4 MT20 unless otherwise indicated.
9) Gable requires continuous bottom chord bearing.
10) Gable studs spaced at 4-0-0 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) except (jt=lb) 10=133.
14) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 18, 17, 16, 15, 13, and 12. This connection is for uplift only and does not consider lateral forces.
15) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 11. This connection is for uplift only and does not consider lateral forces.
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.

Continued on page 2

17) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
18) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V02	Valley	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:12 — Page: 1

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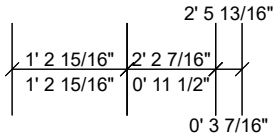

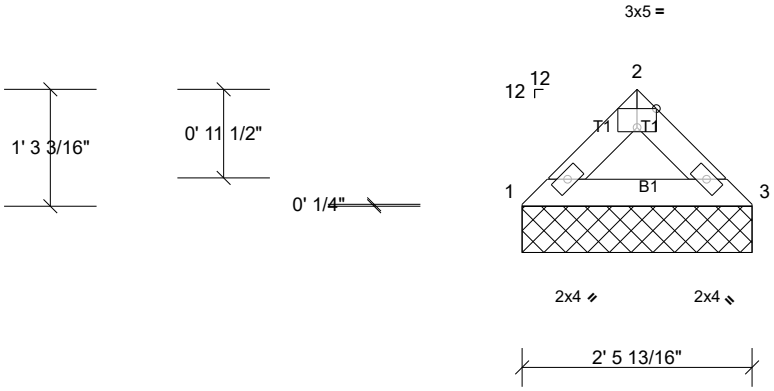

Scale = 1:24.9

Plate Offsets (X, Y): [2:0' 2 1/2",Edge]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 8 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 2-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 1=99/2' 5 13/16", (min. 0' 1 1/2"), 3=99/2' 5 13/16", (min. 0' 1 1/2")
Max Horiz 1=25 (LC 13)
Max Uplift 1=-7 (LC 14), 3=-7 (LC 15)
Max Grav 1=114 (LC 20), 3=114 (LC 21)

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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V03	Valley	1	1	Job Reference (optional)

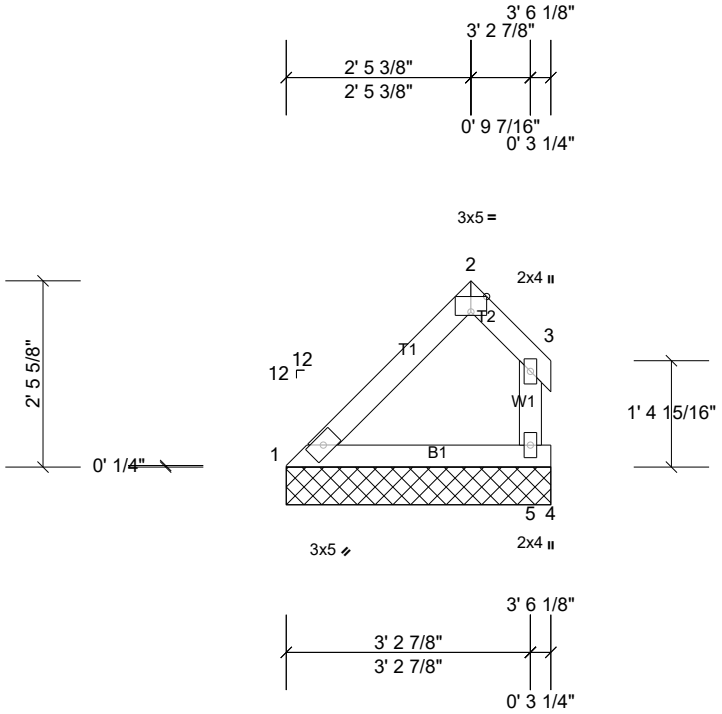

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Plate Offsets (X, Y): [2:0' 2 1/2",Edge]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.48	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.01	Horiz(TL)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 14 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 3-6-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

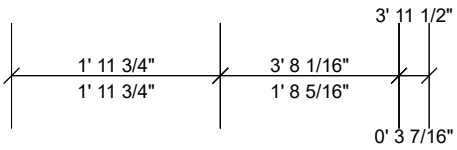
REACTIONS (lb/size) 1=91/3' 6 1/8", (min. 0' 1 1/2"), 4=-459/3' 6 1/8", (min. 0' 1 1/2"), 5=632/3' 6 1/8", (min. 0' 1 1/2")
Max Horiz 1=67 (LC 14)
Max Uplift 1=-1 (LC 15), 4=-504 (LC 23), 5=-172 (LC 14)
Max Grav 1=103 (LC 20), 4=135 (LC 14), 5=681 (LC 23)

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

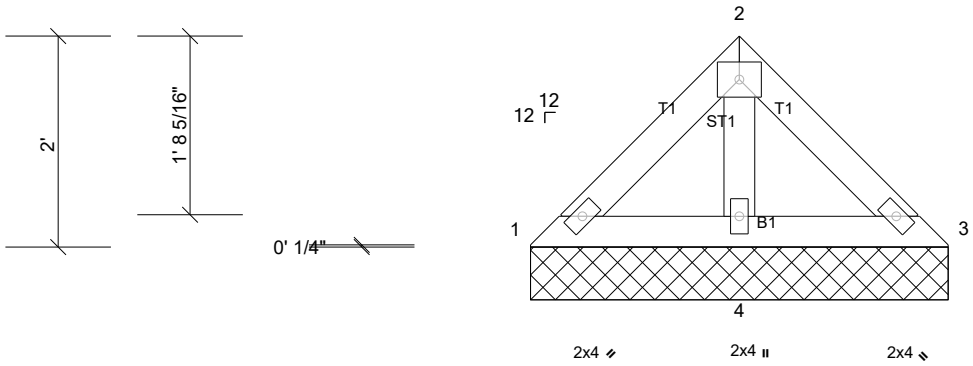
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 504 lb uplift at joint 4, 1 lb uplift at joint 1 and 172 lb uplift at joint 5.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V04	Valley	1	1	Job Reference (optional)



4x5 =



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 15 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 3-11-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

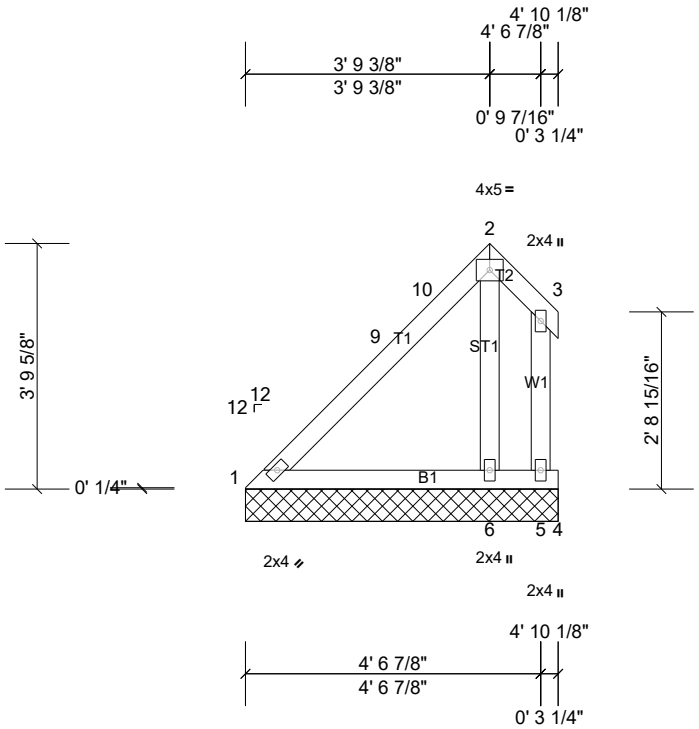
REACTIONS (lb/size) 1=49/3' 11 1/2", (min. 0' 1 1/2"), 3=49/3' 11 1/2", (min. 0' 1 1/2"), 4=219/3' 11 1/2", (min. 0' 1 1/2")
Max Horiz 1=42 (LC 11)
Max Uplift 1=-1 (LC 15), 3=-4 (LC 15), 4=-30 (LC 14)
Max Grav 1=80 (LC 20), 3=80 (LC 21), 4=224 (LC 20)

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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 1 lb uplift at joint 1, 4 lb uplift at joint 3 and 30 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V04A	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.23	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 25 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 4-10-2 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

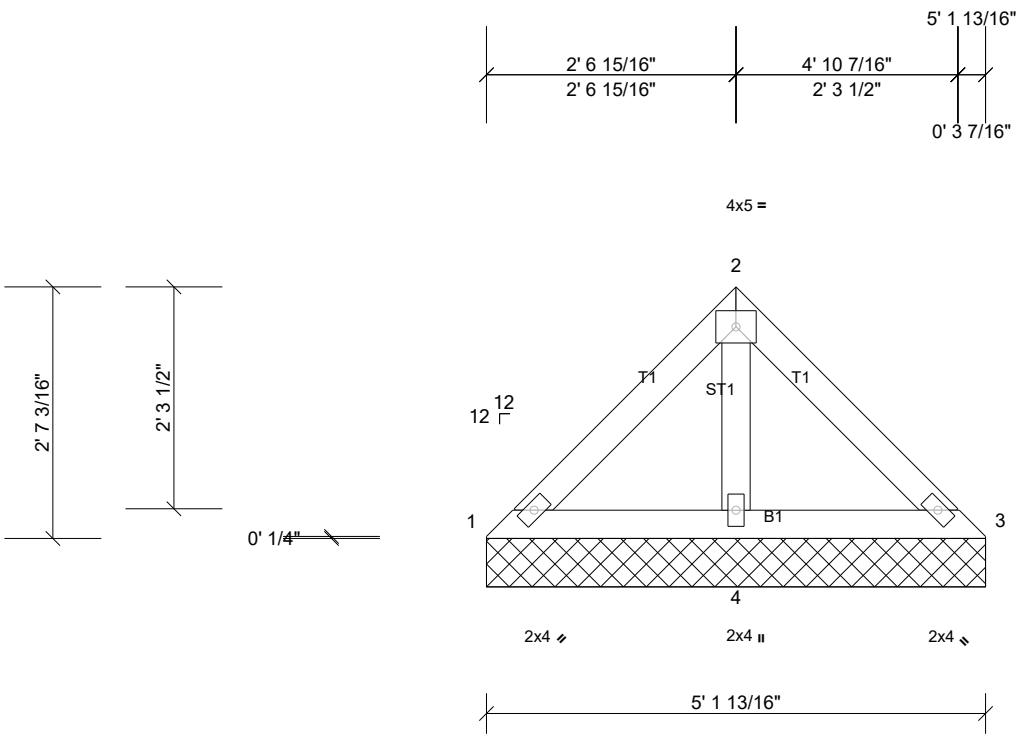
REACTIONS All bearings 4' 10 1/8".
(lb) - Max Horiz 1=116 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 4 except 5=-198 (LC 23), 6=-109 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 4, 5 except 6=347 (LC 23)

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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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 3-9-10, Exterior(2E) 3-9-10 to 4-7-2 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 100 lb uplift at joint(s) 4 except (jt=lb) 6=108, 5=197.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V05	Valley	1	1	Job Reference (optional)



Scale = 1:23.8

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 20 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 5-1-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

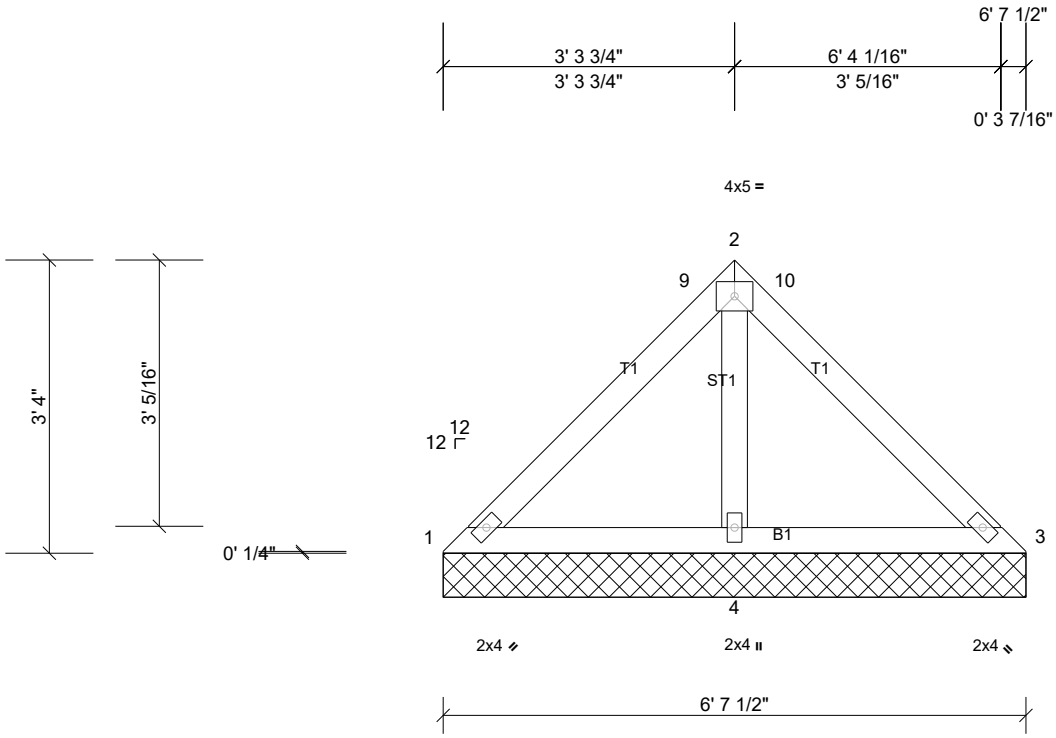
REACTIONS (lb/size) 1=52/5' 1 13/16", (min. 0' 1 1/2"), 3=52/5' 1 13/16", (min. 0' 1 1/2"), 4=308/5' 1 13/16", (min. 0' 1 1/2")
Max Horiz 1=56 (LC 11)
Max Uplift 4=-50 (LC 14)
Max Grav 1=96 (LC 20), 3=96 (LC 21), 4=324 (LC 20)

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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 50 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V06	Valley	1	1	Job Reference (optional)



Scale = 1:26.2

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.24	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 26 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 6-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

REACTIONS (lb/size) 1=47/6' 7 1/2", (min. 0' 1 1/2"), 3=47/6' 7 1/2", (min. 0' 1 1/2"), 4=435/6' 7 1/2", (min. 0' 1 1/2")
Max Horiz 1=-73 (LC 10)
Max Uplift 1=-6 (LC 21), 3=-6 (LC 20), 4=-82 (LC 14)
Max Grav 1=109 (LC 20), 3=109 (LC 21), 4=471 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-325/200

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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 3-7-12, Exterior(2E) 3-7-12 to 6-7-12 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 6 lb uplift at joint 1, 6 lb uplift at joint 3 and 82 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V06A	Valley	1	1	Job Reference (optional)

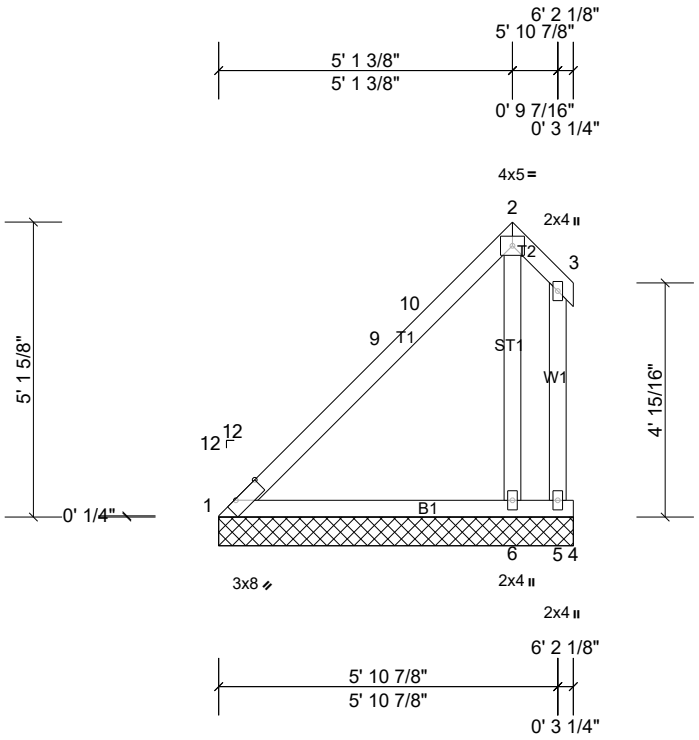


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Plate Offsets (X, Y): [1:0' 5 13/16",Edge]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.43	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.01	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 34 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS All bearings 6' 2 1/8".
(lb) - Max Horiz 1=164 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 4 except 5=-388 (LC 23), 6=-173 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 4, 5 except 6=520 (LC 23)

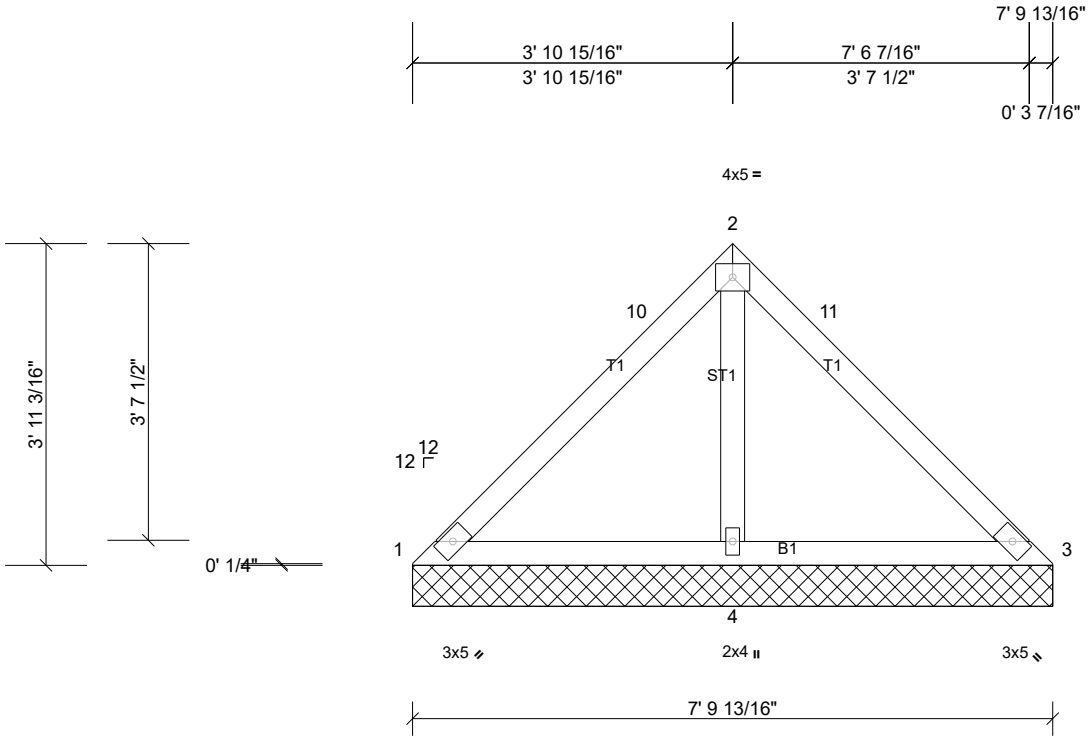
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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 5-1-10, Exterior(2E) 5-1-10 to 5-11-2 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 100 lb uplift at joint(s) 4 except (jt=lb) 6=173, 5=388.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V07	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.34	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.19	Horiz(TL)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 32 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 7-9-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

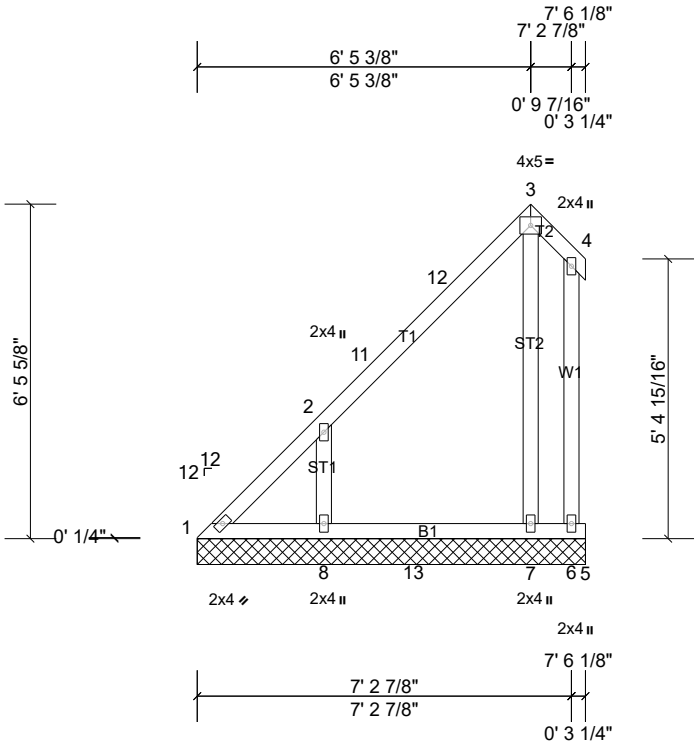
REACTIONS All bearings 7' 9 13/16".
(lb) - Max Horiz 1=-87 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 3, 4, 9 except 1=-119 (LC 21)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 3, 9 except 4=775 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=-85/313, 2-10=-35/334, 2-11=-35/396, 3-11=-55/313
WEBS 2-4=-635/177

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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 4-10-1, Exterior(2E) 4-10-1 to 7-10-1 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 100 lb uplift at joint(s) 3, 4, 3 except (jt=lb) 1=118.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V07A	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.12	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 46 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS All bearings 7' 6 1/8".
(lb) - Max Horiz 1=213 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 7 except 6=-176 (LC 22), 8=-193 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 6 except 7=352 (LC 23), 8=426 (LC 23)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-415/228
WEBS 2-8=-322/414

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 3-5-10, Exterior(2R) 3-5-10 to 6-5-10, Exterior(2E) 6-5-10 to 7-3-2 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) 1, 7 except (jt=lb) 8=193, 6=175.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V08	Valley	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:14 — Page: 1

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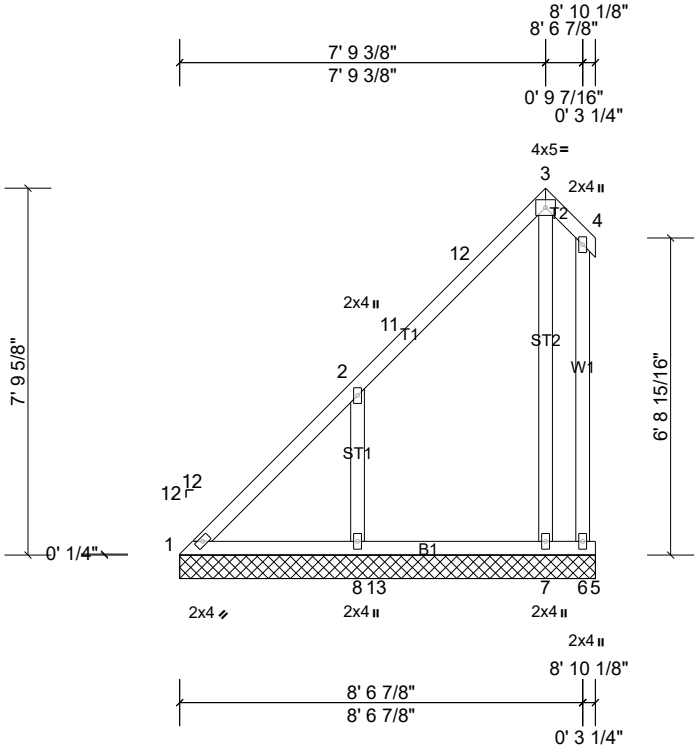

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.14	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 57 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS All bearings 8' 10 1/8".

(lb) - Max Horiz 1=262 (LC 14)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 7 except 6=-178 (LC 22), 8=-227 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 6 except 7=335 (LC 23), 8=515 (LC 23)

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

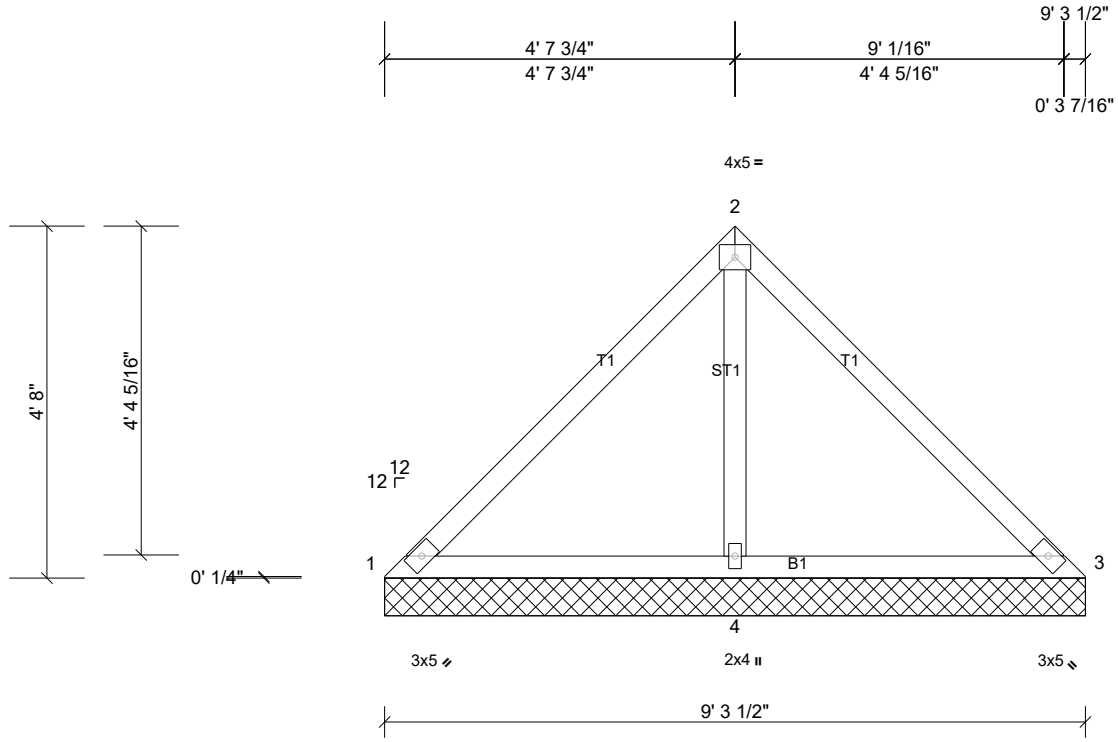
TOP CHORD	1-2=-398/231
WEBS	2-8=-333/385

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 4-9-10, Exterior(2R) 4-9-10 to 7-9-10, Exterior(2E) 7-9-10 to 8-7-2 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) 1, 7 except (jt=lb) 8=227, 6=178.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V09	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	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 (Pf)	20.0	Lumber DOL	1.15	BC	0.43	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.21	Horiz(TL)	0.01	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 38 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 9-3-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

REACTIONS (lb/size) 1=40/9' 3 1/2", (min. 0' 1 1/2"), 3=40/9' 3 1/2", (min. 0' 1 1/2"), 4=663/9' 3 1/2", (min. 0' 1 1/2")
Max Horiz 1=-105 (LC 10)
Max Uplift 1=-39 (LC 21), 3=-39 (LC 20), 4=-134 (LC 14)
Max Grav 1=108 (LC 20), 3=108 (LC 21), 4=738 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-102/342, 2-3=-87/342
WEBS 2-4=-560/190

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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 6-3-12, Exterior(2E) 6-3-12 to 9-3-12 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 39 lb uplift at joint 1, 39 lb uplift at joint 3 and 134 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V10	Valley	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:15 — Page: 1

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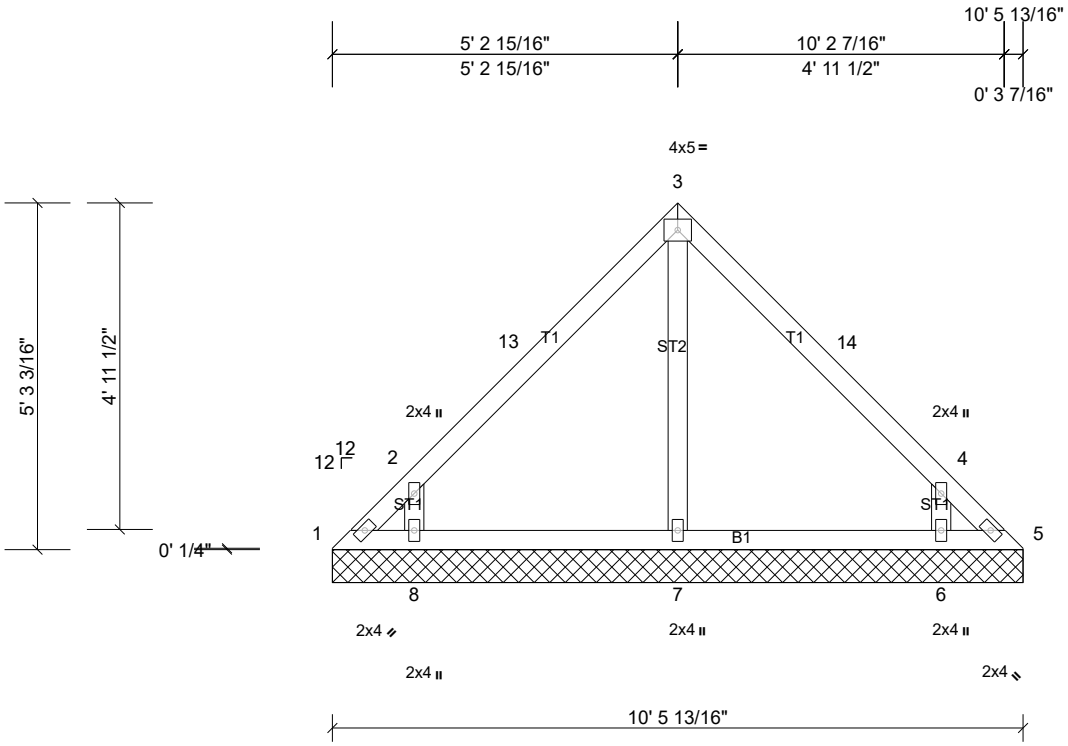

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.36	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.11	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 45 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.

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

REACTIONS All bearings 10' 5 13/16".

(lb) - Max Horiz 1=-119 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-173 (LC 15), 8=-179 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 7 except 6=487 (LC 21), 8=487 (LC 20)

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

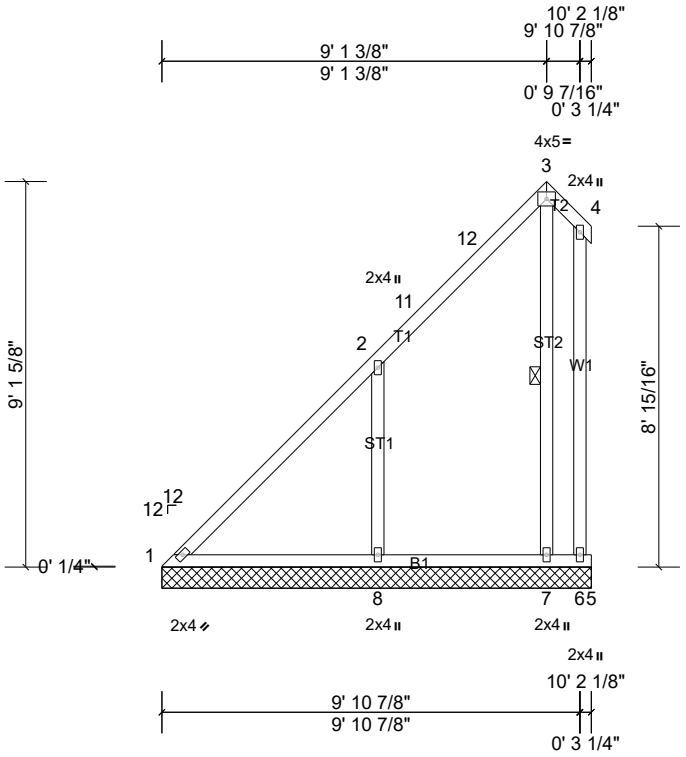
TOP CHORD	2-13=-260/104, 4-14=-260/104
WEBS	2-8=-530/368, 4-6=-530/368

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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 7-6-1, Exterior(2E) 7-6-1 to 10-6-1 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=179, 6=172.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V10A	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	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 (Pf)	20.0	Lumber DOL	1.15	BC	0.26	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horiz(TL)	0.01	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 67 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 3-7

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

REACTIONS All bearings 10' 2 1/8".
(lb) - Max Horiz 1=311 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 5, 7 except 6=-141 (LC 22), 8=-263 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 5, 6 except 1=257 (LC 25), 7=314 (LC 23), 8=614 (LC 23)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-400/247
WEBS 2-8=-363/374

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 6-1-10, Exterior(2R) 6-1-10 to 9-1-10, Exterior(2E) 9-1-10 to 9-11-2 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) 7 except (jt=lb) 8=263, 6=140.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V11	Valley	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:16 — Page: 1

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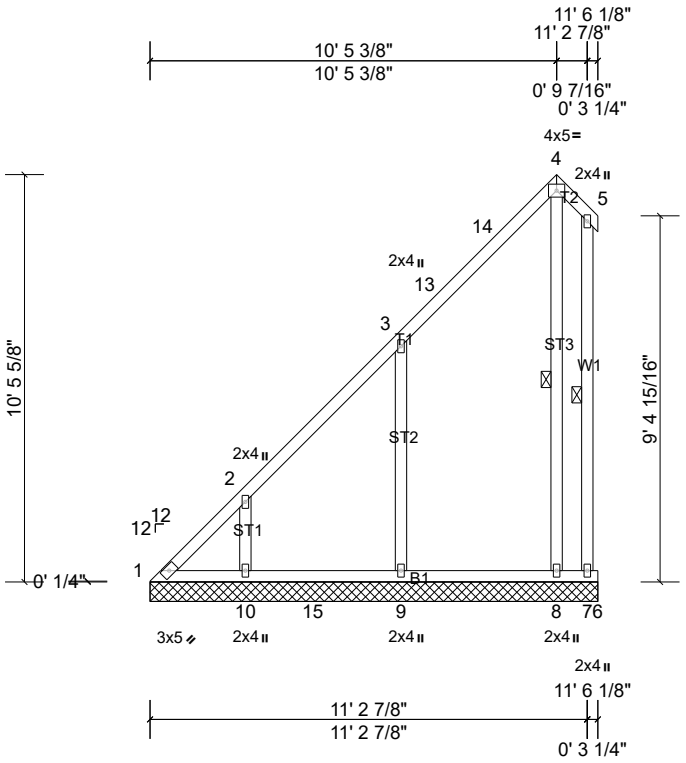

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.22	Horiz(TL)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 81 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-8, 5-7

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

REACTIONS All bearings 11' 6 1/8".

(lb) - Max Horiz 1=360 (LC 14)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 8 except 7=-182 (LC 22), 9=-226 (LC 14), 10=-136 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 6, 7 except 1=295 (LC 14), 8=395 (LC 23), 9=516 (LC 23), 10=366 (LC 23)

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

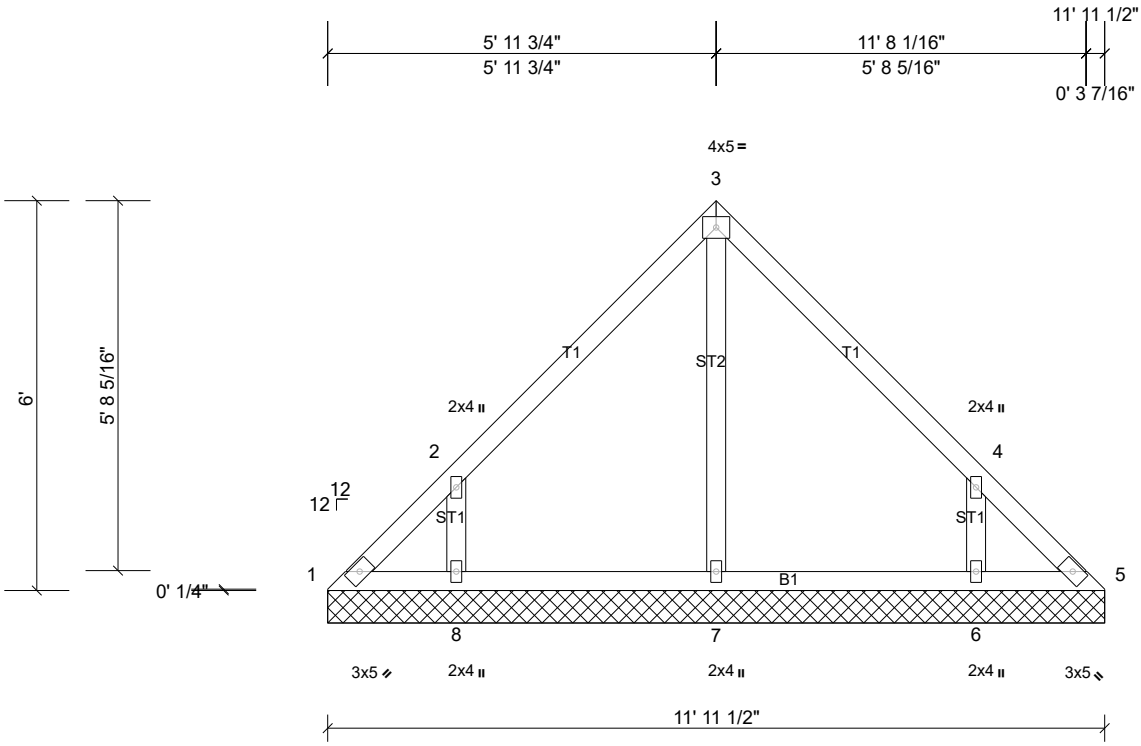
TOP CHORD	1-2=-511/314, 2-3=-356/214
WEBS	3-9=-311/322

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 7-5-10, Exterior(2R) 7-5-10 to 10-5-10, Exterior(2E) 10-5-10 to 11-3-2 zone;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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) 1, 8 except (jt=lb) 9=226, 10=135, 7=182.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V12	Valley	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.10	Horiz(TL)	0.00	5	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.

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

REACTIONS All bearings 11' 11 1/2".
(lb) - Max Horiz 1=136 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-172 (LC 15), 8=-177 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 7 except 6=448 (LC 21), 8=448 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-251/120, 3-4=-251/105
WEBS 2-8=-413/239, 4-6=-413/237

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; 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 8-11-12, Exterior(2E) 8-11-12 to 11-11-12 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=177, 6=171.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V13	Valley	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 29 2021 Print: 8.500 S Apr 29 2021 MiTek Industries, Inc. Tue Jun 08 14:07:16 — Page: 1

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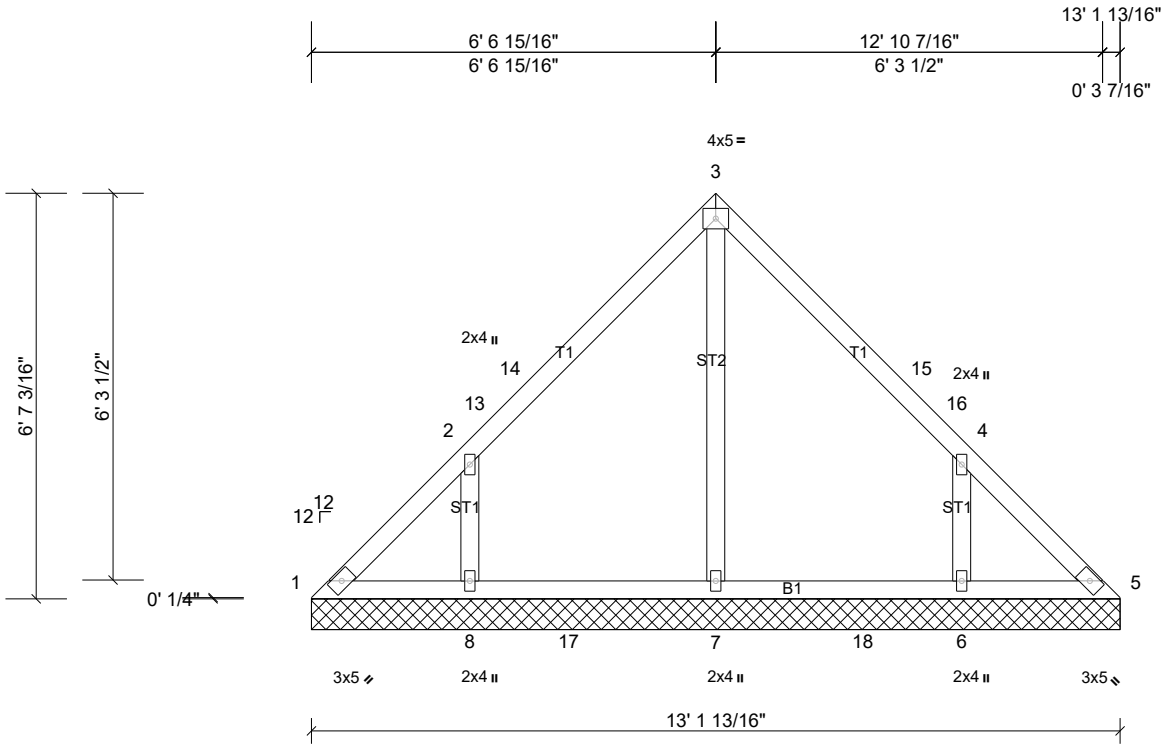

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.13	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	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.

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

REACTIONS All bearings 13' 1 13/16".

(lb) - Max Horiz 1=-150 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-182 (LC 15), 8=-186 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=429 (LC 21), 7=359 (LC 23), 8=429 (LC 20)

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

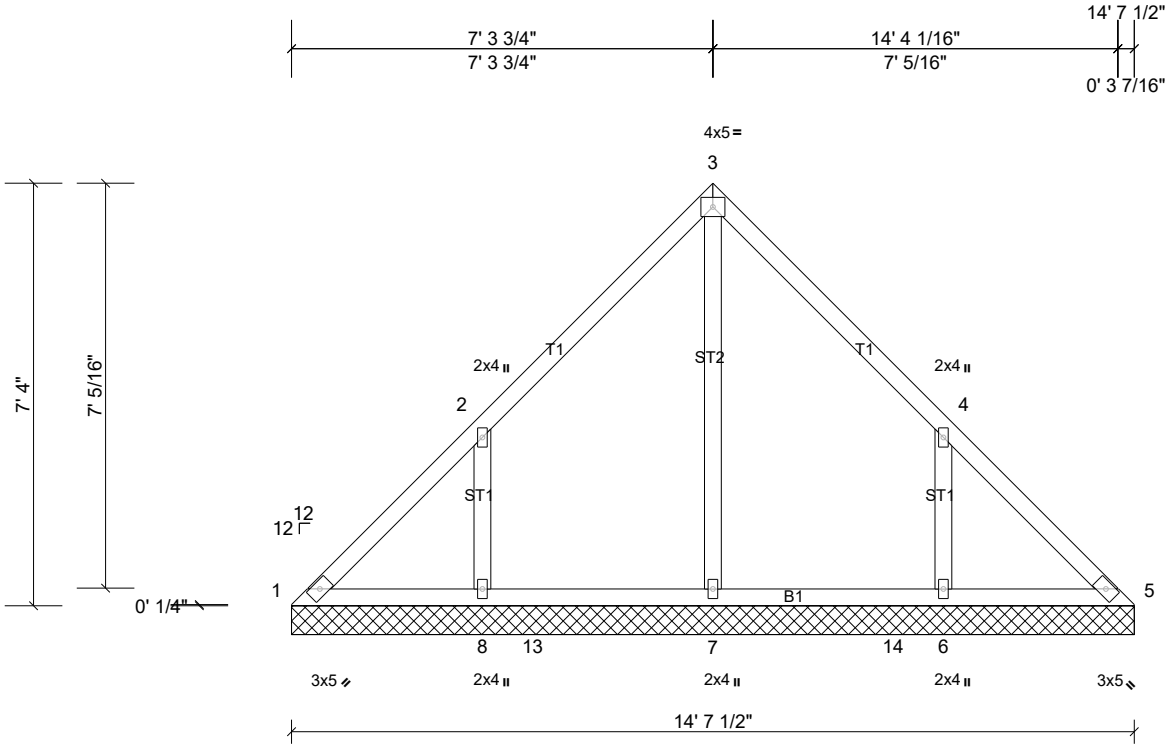
WEBS 2-8=-367/246, 4-6=-367/246

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 3-7-3, Exterior(2R) 3-7-3 to 9-7-3, Interior (1) 9-7-3 to 10-2-1, Exterior(2E) 10-2-1 to 13-2-1 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) 1, 5 except (jt=lb) 8=186, 6=181.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V14	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.20	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 69 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 6-0-0 oc bracing.

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

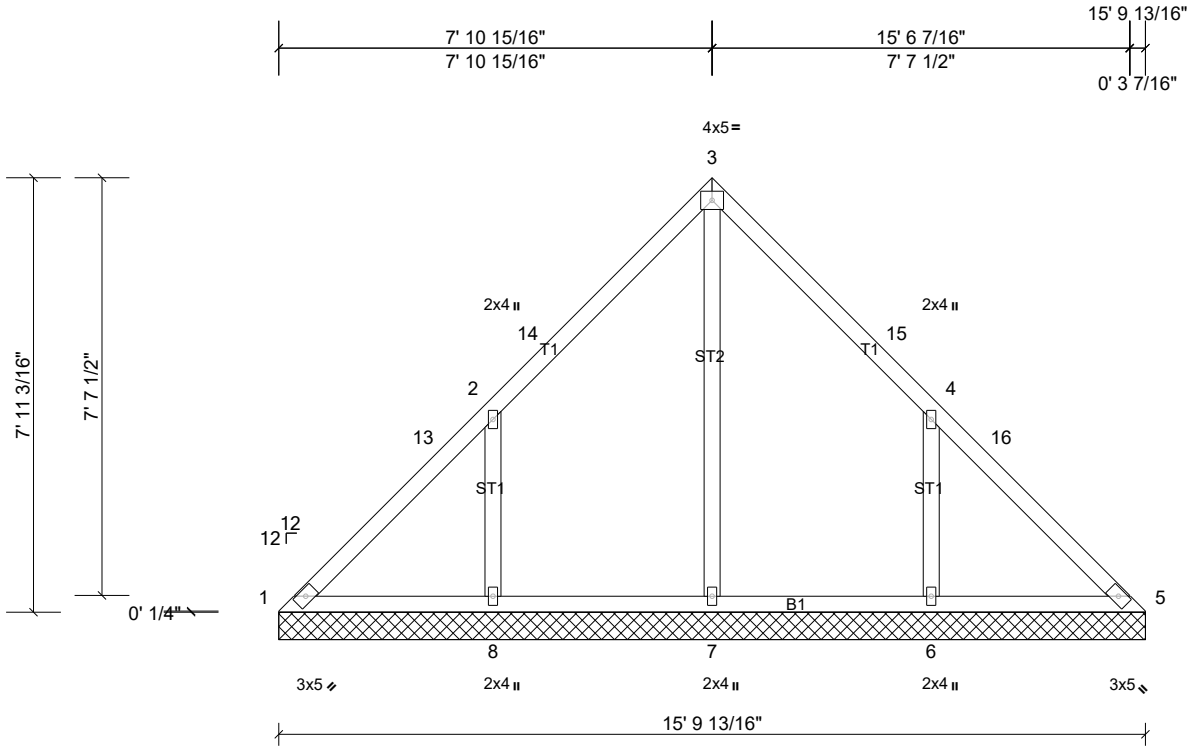
REACTIONS All bearings 14' 7 1/2".
(lb) - Max Horiz 1=-167 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-200 (LC 15), 8=-204 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=470 (LC 21), 7=405 (LC 23), 8=470 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-386/242, 4-6=-386/240

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 4-4-0, Exterior(2R) 4-4-0 to 10-4-0, Interior (1) 10-4-0 to 11-7-12, Exterior(2E) 11-7-12 to 14-7-12 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) 1 except (jt=lb) 8=203, 6=199.
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

Job	Truss	Truss Type	Qty	Ply	2810 Norrington-Roof-Creekview
21030025-A	V15	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.28	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 76 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 6-0-0 oc bracing.

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

REACTIONS All bearings 15' 9 13/16".
(lb) - Max Horiz 1=-181 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=-217 (LC 15), 8=-221 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=510 (LC 6), 7=446 (LC 23), 8=511 (LC 23)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-252/0, 2-8=-394/255, 4-6=-394/253

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 4-11-3, Exterior(2R) 4-11-3 to 10-11-3, Interior (1) 10-11-3 to 12-10-1, Exterior(2E) 12-10-1 to 15-10-1 zone; 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); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
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) 1 except (jt=lb) 8=221, 6=217.
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