Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	A1	Common	6	1	Job Reference (optional)

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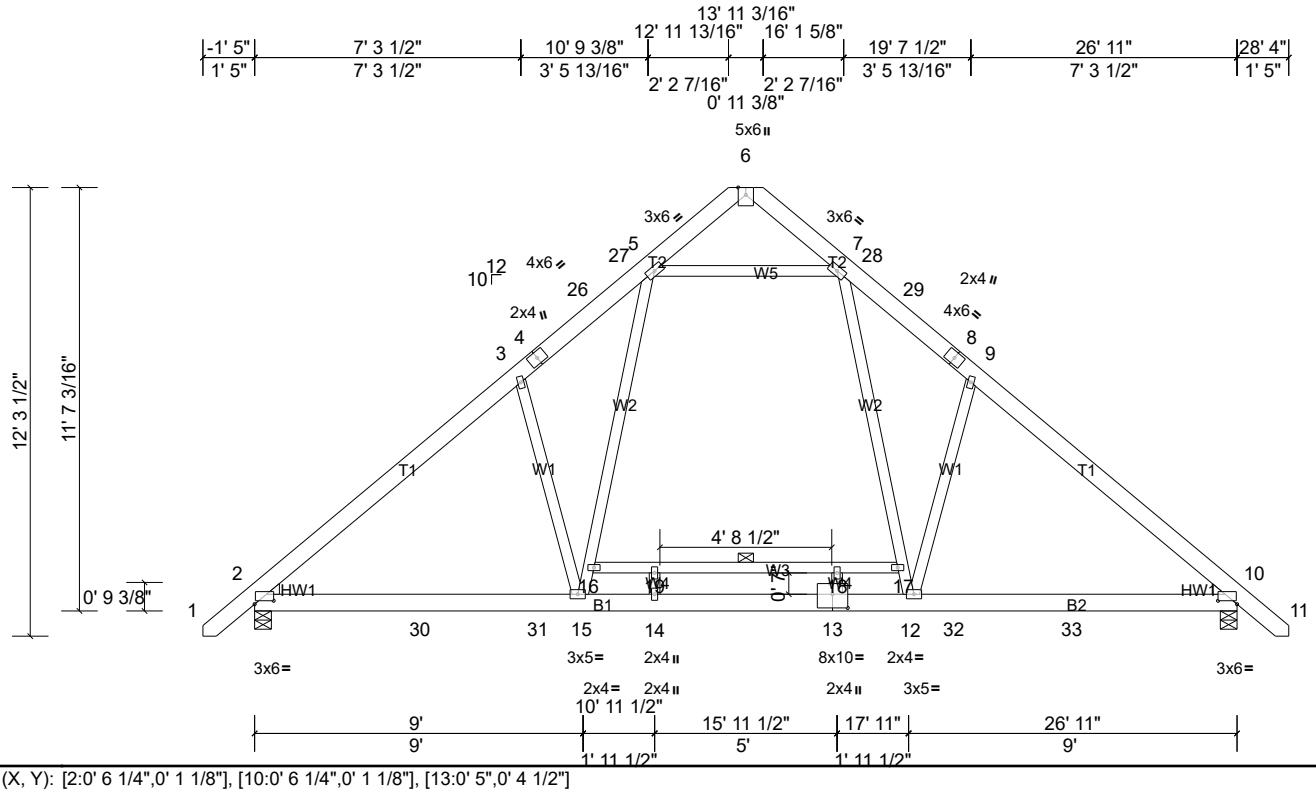

Scale = 1:63.1

Plate Offsets (X, Y): [2:0' 6 1/4",0' 1 1/8"], [10:0' 6 1/4",0' 1 1/8"], [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	0.31	Vert(LL)	-0.11	15-22	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.14	14	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.03	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 221 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-5-12 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 16-17

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

REACTIONS (lb/size) 2=1251/0' 5 1/2", (min. 0' 1 5/8"), 10=1250/0' 5 1/2", (min. 0' 1 5/8")
Max Horiz 2=-283 (LC 12)
Max Uplift 2=-4 (LC 14), 10=-5 (LC 15)
Max Grav 2=1395 (LC 24), 10=1394 (LC 25)

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

TOP CHORD	2-3=-1641/0, 3-4=-1551/84, 4-26=-1534/85, 26-27=-1447/106, 5-27=-1446/109, 7-28=-1445/111, 28-29=-1446/108, 8-29=-1533/87, 8-9=-1549/86, 9-10=-1640/0
BOT CHORD	2-30=-148/1331, 30-31=0/1331, 15-31=0/1331, 14-15=0/1049, 13-14=0/1049, 12-13=0/1047, 12-32=0/1206, 32-33=0/1206, 10-33=0/1206
WEBS	7-17=-98/859, 12-17=-114/842, 9-12=-405/333, 15-16=-108/847, 5-16=-94/862, 3-15=-406/332, 5-7=-861/83

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 10-5-8, Exterior(2R) 10-5-8 to 16-5-8, Interior (1) 16-5-8 to 25-1-13, Exterior(2E) 25-1-13 to 28-1-13 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) 200.0lb AC unit load placed on the bottom chord, 13-5-8 from left end, supported at two points, 5-0-0 apart.
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 10. 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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	A2	Common Supported Gable	1	1	Job Reference (optional)

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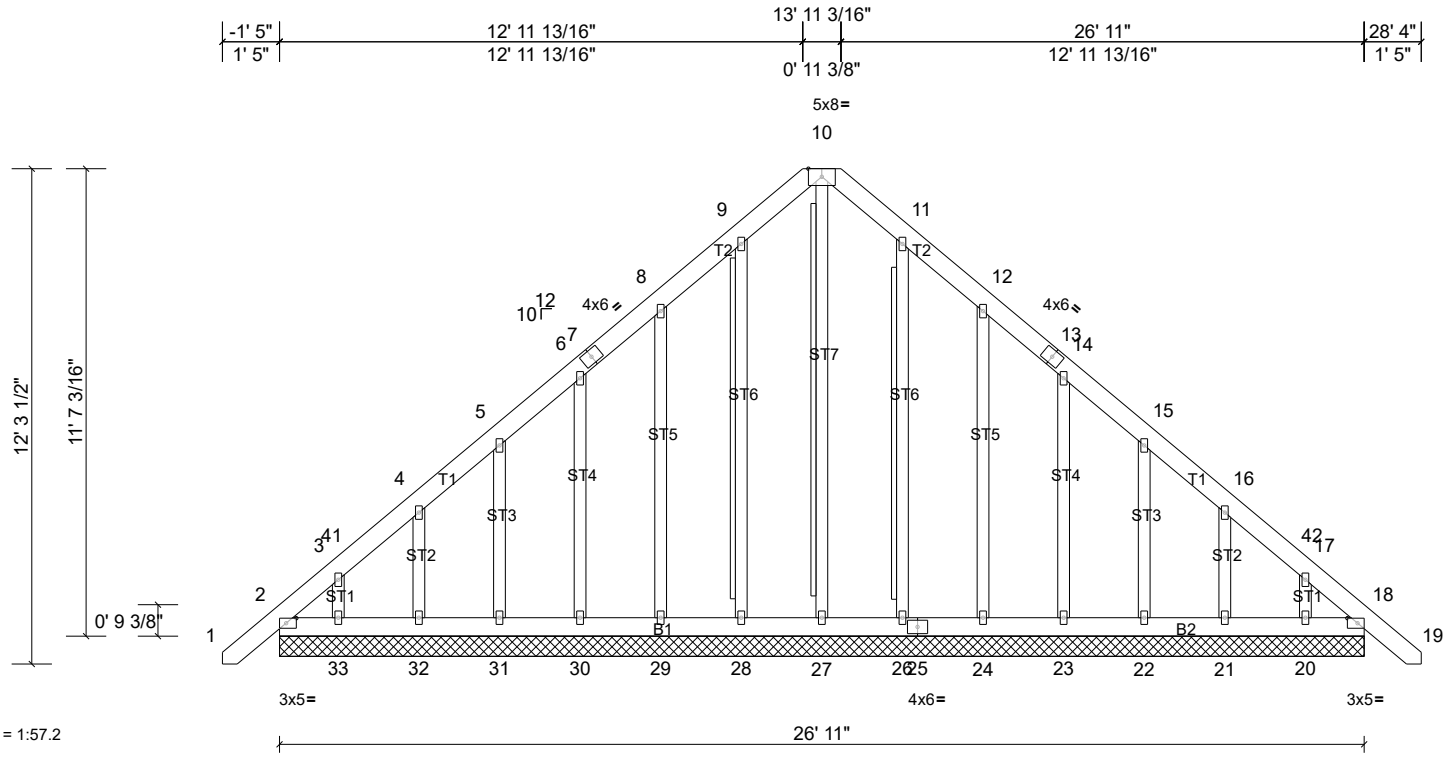

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Plate Offsets (X, Y): [2:0' 3",0' 1 1/2"], [18:0' 3",0' 1 1/2"]

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	0.09	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.01	18	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 263 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3 *Except* ST7:2x4 SP No.2, O2,O1,O3:2x4 SPF No.2(flat)

REACTIONS All bearings 26' 11".

(lb) - Max Horiz 2=-287 (LC 12), 38=-287 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 18, 22, 23, 24, 26, 28, 29, 30, 31, 32, 37 except 2=-149 (LC 10), 21=-186 (LC 15), 33=-108 (LC 14), 38=-149 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 21, 22, 23, 24, 29, 30, 31, 32, 33, 38 except 20=333 (LC 22), 26=267 (LC 22), 27=299 (LC 27), 28=262 (LC 21)

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

TOP CHORD	2-3=-292/273, 8-9=-140/269, 9-10=-164/283, 10-11=-164/268
WEBS	10-27=-269/96

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 - 10-27, 9-28, 11-26

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.

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) -1-2-13 to 1-9-3, Exterior(2N) 1-9-3 to 10-5-8, Corner(3R) 10-5-8 to 16-5-8, Exterior(2N) 16-5-8 to 25-1-13, Corner(3E) 25-1-13 to 28-1-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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) 18, 28, 29, 30, 31, 32, 33, 26, 24, 23, 22, 21, and 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) 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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	B1	Roof Special	5	1	Job Reference (optional)

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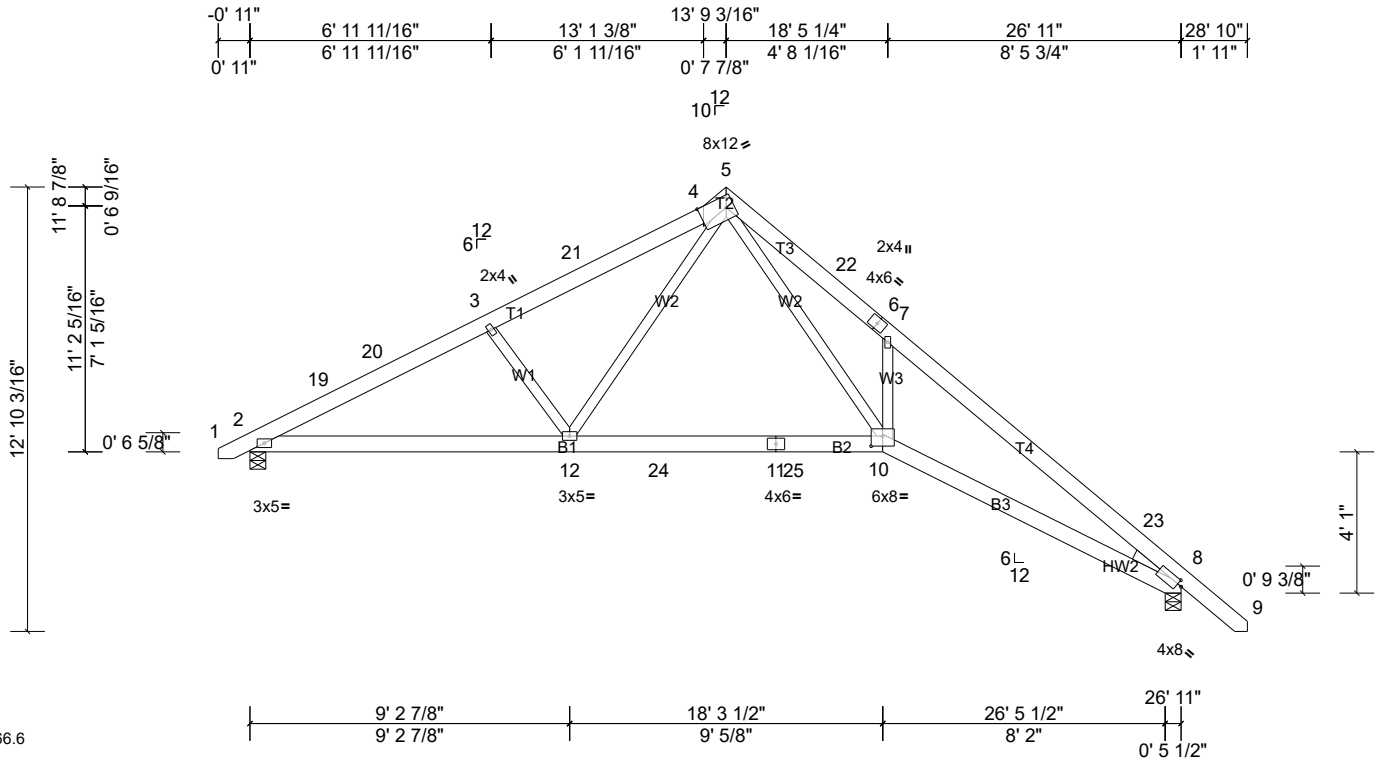

Scale = 1:66.6

Plate Offsets (X, Y): [4:0' 9 1/4",0' 4"], [8:0' 1 9/16",0' 1 11/16"], [10:0' 4",0' 3 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	0.53	Vert(LL)	-0.20	10-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.35	10-12	>934	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.18	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 187 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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-9-10 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=1116/0' 5 1/2", (min. 0' 1 1/2"), 8=1183/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 2=-295 (LC 15)
Max Uplift 2=-109 (LC 14), 8=-152 (LC 15)
Max Grav 2=1229 (LC 35), 8=1328 (LC 25)

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

TOP CHORD 2-19=-2079/163, 19-20=-2047/169, 3-20=-1975/187, 3-21=-1892/178, 4-21=-1779/193, 4-5=-1667/187, 5-22=-2677/318, 6-22=-2809/286, 6-7=-2818/282, 7-23=-2895/97, 8-23=-2926/40

BOT CHORD 2-12=-91/1842, 12-24=0/1180, 11-24=0/1180, 11-25=0/1180, 10-25=0/1180, 8-10=0/2410

WEBS 5-10=-260/1902, 7-10=-376/367, 5-12=-88/933, 3-12=-552/228

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) -0-8-6 to 2-3-10, Interior (1) 2-3-10 to 13-1-6, Exterior(2R) 13-1-6 to 16-9-3, Interior (1) 16-9-3 to 25-7-13, Exterior(2E) 25-7-13 to 28-7-13 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) 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) 8 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) 2 and 8. 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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	B2	Roof Special Girder	2	2	Job Reference (optional)

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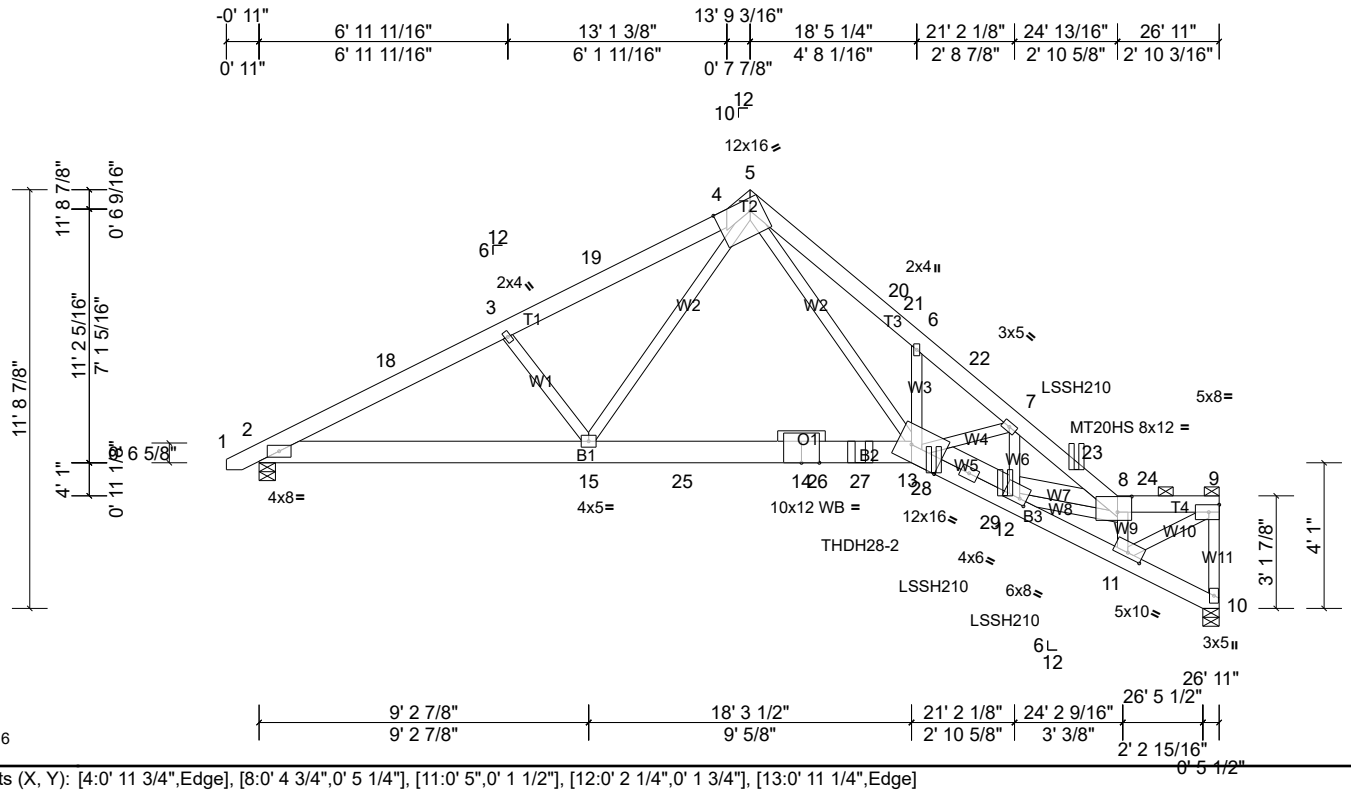

Scale = 1:64.6

Plate Offsets (X, Y): [4:0' 11 3/4",Edge], [8:0' 4 3/4",0' 5 1/4"], [11:0' 5",0' 1 1/2"], [12:0' 2 1/4",0' 1 3/4"], [13:0' 11 1/4",Edge]

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	0.78	Vert(LL)	-0.32	13-15	>999	240	MT20HS	187/143
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.61	Vert(CT)	-0.58	13-15	>554	180	MT20	244/190
TCDL	10.0	Rep Stress Incr	NO	WB	0.94	Horz(CT)	0.30	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 451 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E *Except* B3:2x6 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W2,W10:2x4 SP No.1, W7,W5:2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-4-7 oc purlins, except end verticals, and 2-0-0 oc purlins (5-3-0 max.): 8-9.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 10-11.

REACTIONS (lb/size) 2=2696/0' 5 1/2", (min. 0' 1 1/2"), 10=5258/0' 5 1/2", (min. 0' 1 15/16")
Max Horiz 2=195 (LC 11)
Max Uplift 2=-352 (LC 12), 10=-638 (LC 13)
Max Grav 2=2828 (LC 34), 10=5299 (LC 40)

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

TOP CHORD 2-18=-5907/740, 3-18=-5788/757, 3-19=-5722/740, 4-19=-5617/754, 4-5=-5448/735, 5-20=-12428/1692, 20-21=-12451/1664, 6-21=-12467/1661, 6-22=-12700/1584, 7-22=-12793/1574, 7-23=-13959/1654, 8-23=-14348/1650, 8-24=-7522/839, 9-24=-7522/839, 9-10=-5073/627

BOT CHORD 2-15=-676/5225, 15-25=-444/4149, 14-25=-444/4149, 14-26=-445/4156, 26-27=-446/4155, 13-27=-438/4105, 13-28=-1394/12304, 28-29=-1382/12070, 12-29=-1364/11848, 11-12=-1093/9722

WEBS 5-13=-1436/10354, 6-13=-129/573, 7-13=-1642/181, 7-12=0/700, 8-12=-333/2672, 8-11=-9538/1105, 9-11=-972/8713, 5-15=-206/1694, 3-15=-488/232

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: 2x8 - 2 rows staggered at 0' 3" oc, 2x6 - 2 rows staggered at 0' 9" oc.
   Web connected as follows: 2x4 - 1 row at 0' 9" oc, 2x6 - 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; 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) All plates are MT20 plates unless otherwise indicated.
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) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
13) One RT8A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10. This connection is for uplift only and does not consider lateral forces.
14) 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.
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 THDH28-2 (With 36-16d nails into Girder & 4-16d nails into Truss) or equivalent at 16-10-4 from the left end to connect truss(es) GR3 (2 ply 2x6 SP) to front face of bottom chord.
18) Use MiTek LSSH210 (With 10-10d nails into Girder & 7-10d x 1-1/2 nails into Truss) or equivalent at 18-11-0 from the left end to connect truss(es) E4 (1 ply 2x6 SP) to front face of bottom chord.
19) Use MiTek LSSH210 (With 10-10d nails into Girder & 7-10d x 1-1/2 nails into Truss) or equivalent at 20-11-0 from the left end to connect truss(es) E3 (1 ply 2x6 SP) to front face of bottom chord, skewed 0.0 deg.to the left, sloping 26.6 deg. up.
20) Use MiTek LSSH210 (With 10-10d nails into Girder & 7-10d x 1-1/2 nails into Truss) or equivalent at 22-11-0 from the left end to connect truss(es) E2 (1 ply 2x6 SP) to front face of top chord, skewed 0.0 deg.to the left, sloping 26.6 deg. up.
21) Fill all nail holes where hanger is in contact with lumber.
22) WARNING: The following hangers are manually applied but fail due to geometric considerations: LSSH210 on front face at 18-11-0 from the left end, LSSH210 on front face at 20-11-0 from the left end, LSSH210 on front face at 22-11-0 from the left end.
23) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 704 lb down and 62 lb up at 24-11-0 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: 1-4=-58, 4-5=-58, 5-8=-58, 8-9=-58, 2-13=-19, 10-13=-19
   Concentrated Loads (lb)
   Vert: 9=-159, 23=-581, 24=-677, 27=-3126, 28=-610, 29=-686

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	B3	Roof Special Supported Gable	2	1	Job Reference (optional)

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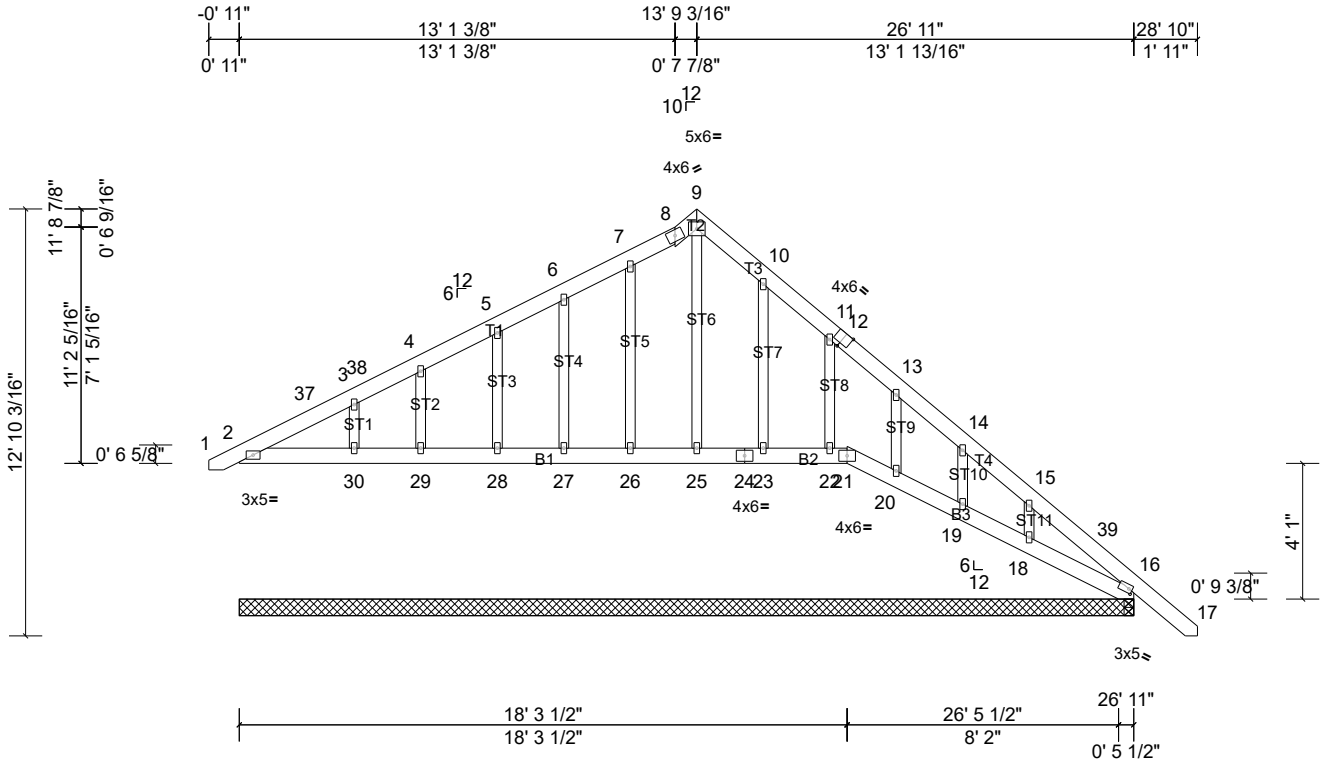

Scale = 1:69.3

Plate Offsets (X, Y): [12:0' 3",Edge], [16:0' 1 1/4",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	0.11	Vert(LL)	0.00	18-36	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	0.00	33	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.01	16	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 208 lb	FT = 20%

LUMBER
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 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, Except:
6-0-0 oc bracing: 20-21,16-18.

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

REACTIONS All bearings 26' 11". except 16=0' 3 1/2"
(lb) - Max Horiz 2=-295 (LC 15)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 16, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30 except 18=-145 (LC 15)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 18, 19, 20, 21, 22, 25, 27, 28, 29 except 16=256 (LC 22), 23=262 (LC 22), 26=264 (LC 21), 30=277 (LC 39)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-8=-113/283, 8-9=-102/280, 9-10=-123/310, 10-11=-99/251
BOT CHORD 2-30=-81/278, 29-30=-81/278, 28-29=-81/278, 27-28=-81/278, 26-27=-81/278, 25-26=-81/278, 24-25=-81/278, 23-24=-81/278, 22-23=-81/278, 21-22=-81/278, 20-21=-98/310, 19-20=-98/315, 18-19=-104/318, 16-18=-94/311

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) -0-8-6 to 2-3-10, Exterior(2N) 2-3-10 to 13-1-6, Corner(3R) 13-1-6 to 16-9-3, Exterior(2N) 16-9-3 to 25-7-13, Corner(3E) 25-7-13 to 28-7-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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 studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
13) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 21, 25, 26, 27, 28, 23, 22, 20, 19, 18, 29, 30, and 16. 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C1	Attic	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:02 — Page: 1

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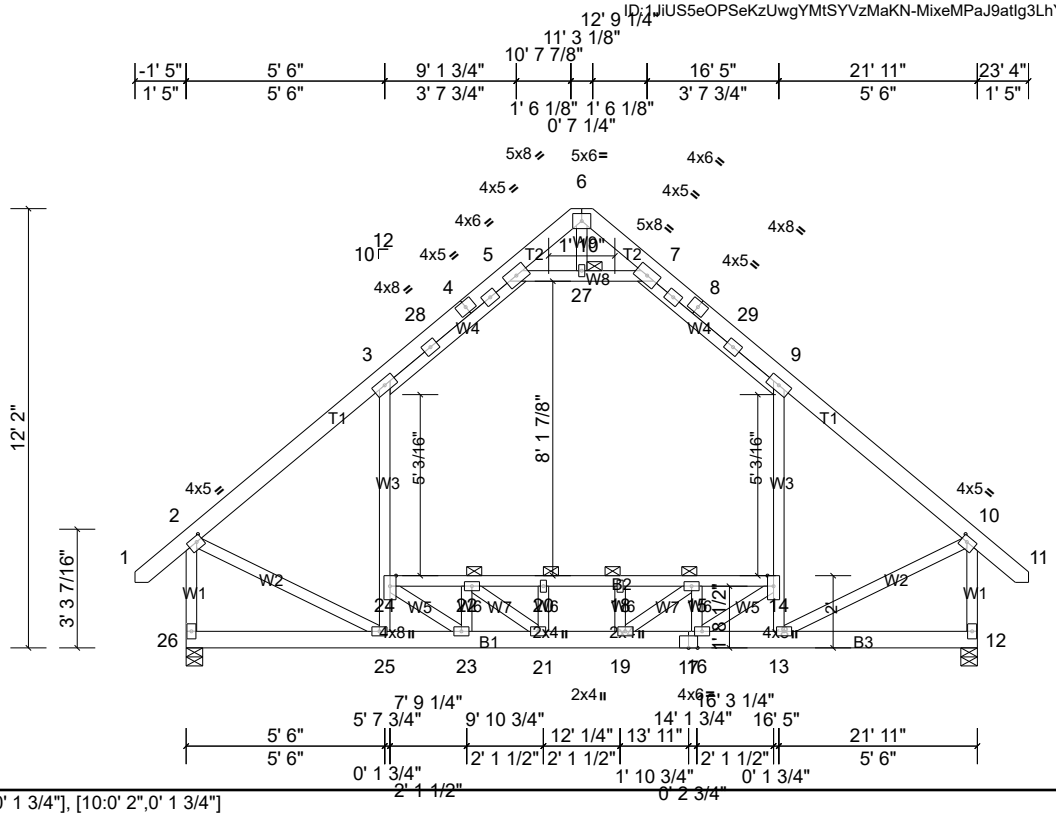

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Plate Offsets (X, Y): [2:0' 2",0' 1 3/4"], [10:0' 2",0' 1 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	0.12	25-26	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.19	22-24	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.01	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.07	14-24	>999	360		
BCDL	10.0										Weight: 231 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E *Except* T1:2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x4 SP No.2

REACTIONS (lb/size) 12=1223/0' 5 1/2", (min. 0' 1 3/4"), 26=1223/0' 5 1/2", (min. 0' 1 3/4")
Max Horiz 26=-334 (LC 12)
Max Grav 12=1458 (LC 6), 26=1458 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-1-12 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 27, 22, 20, 18, 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=-1231/0, 3-28=-856/73, 4-28=-770/84, 4-5=-741/107, 5-6=-30/466, 6-7=-30/466, 7-8=-741/107, 8-29=-770/84, 9-29=-856/73, 9-10=-1231/0, 2-26=-1402/0, 10-12=-1403/0
BOT CHORD	25-26=-314/348, 23-25=0/961, 21-23=0/1735, 19-21=0/1903, 17-19=0/1562, 16-17=0/1562, 13-16=0/870, 22-24=-841/0, 20-22=-1174/0, 18-20=-1174/0, 15-18=-1174/0, 14-15=-846/0
WEBS	13-14=-429/67, 9-14=-75/459, 24-25=-429/66, 3-24=-75/459, 5-27=-1381/140, 7-27=-1381/140, 2-25=0/957, 10-13=0/958, 22-23=-525/11, 15-16=-525/12, 23-24=0/1005, 21-22=-93/506, 15-19=-96/508, 14-16=0/1005

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 7-11-8, Exterior(2R) 7-11-8 to 13-11-8, Interior (1) 13-11-8 to 20-1-13, Exterior(2E) 20-1-13 to 23-1-13 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) All plates are 3x5 MT20 unless otherwise indicated.
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, 7-9, 5-27, 7-27; Wall dead load (5.0psf) on member(s).9-14, 3-24
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 22-24, 20-22, 18-20, 15-18, 14-15
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) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C2	Attic	2	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:02 — Page: 1

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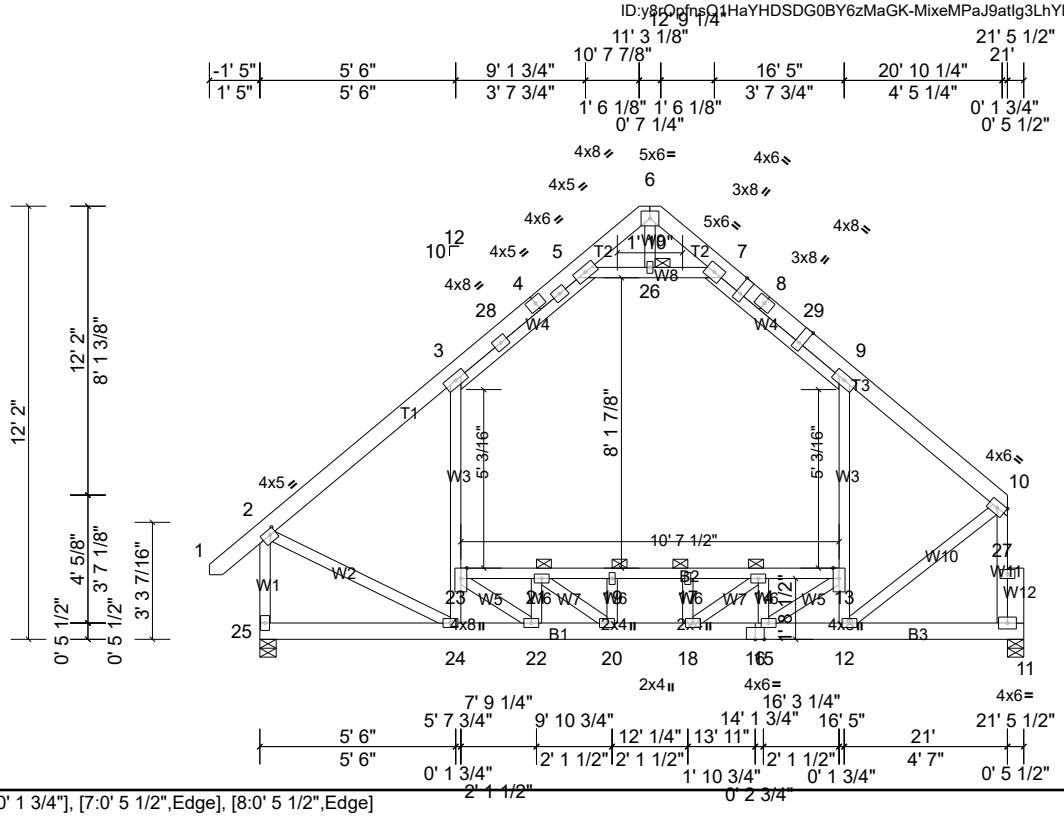

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Plate Offsets (X, Y): [2:0' 2",0' 1 3/4"], [7:0' 5 1/2",Edge], [8:0' 5 1/2",Edge]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.79	Vert(LL)	-0.12	22-24	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.21	22-24	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.07	13-23	>999	360		
BCDL	10.0										Weight: 227 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E *Except* T1,T3:2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x4 SP No.2, W12:2x6 SP No.2

REACTIONS (lb/size) 11=1108/0' 5 1/2", (min. 0' 1 5/8"), 25=1185/0' 5 1/2", (min. 0' 1 11/16")
Max Horiz 25=-283 (LC 12)
Max Grav 11=1375 (LC 6), 25=1414 (LC 5)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-0-13 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 26, 21, 19, 17, 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=-1157/0, 3-28=-794/66, 4-28=-708/82, 4-5=-679/101, 5-6=-28/414, 6-7=-23/400, 7-8=-706/101, 8-29=-736/77, 9-29=-822/66, 9-10=-1121/0, 2-25=-1323/0, 11-27=-1402/0, 10-27=-1401/0
BOT CHORD	24-25=-261/299, 22-24=0/892, 20-22=0/1697, 18-20=0/1787, 16-18=0/1399, 15-16=0/1399, 12-15=0/745, 21-23=-896/0, 19-21=-1160/0, 17-19=-1160/0, 14-17=-1160/0, 13-14=-748/0
WEBS	23-24=-474/65, 3-23=-92/438, 12-13=-452/48, 9-13=-133/400, 5-26=-1245/113, 7-26=-1245/113, 2-24=0/880, 21-22=-473/16, 14-15=-590/0, 22-23=0/1045, 20-21=-102/391, 14-18=-68/616, 13-15=0/934, 10-12=0/941

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 7-11-8, Exterior(2R) 7-11-8 to 13-11-8, Interior (1) 13-11-8 to 17-10-4, Exterior(2E) 17-10-4 to 20-10-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) All plates are 3x5 MT20 unless otherwise indicated.
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, 7-9, 5-26, 7-26; Wall dead load (5.0psf) on member(s).3-23, 9-13
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 21-23, 19-21, 17-19, 14-17, 13-14
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) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C3	Attic	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:03 — Page: 1

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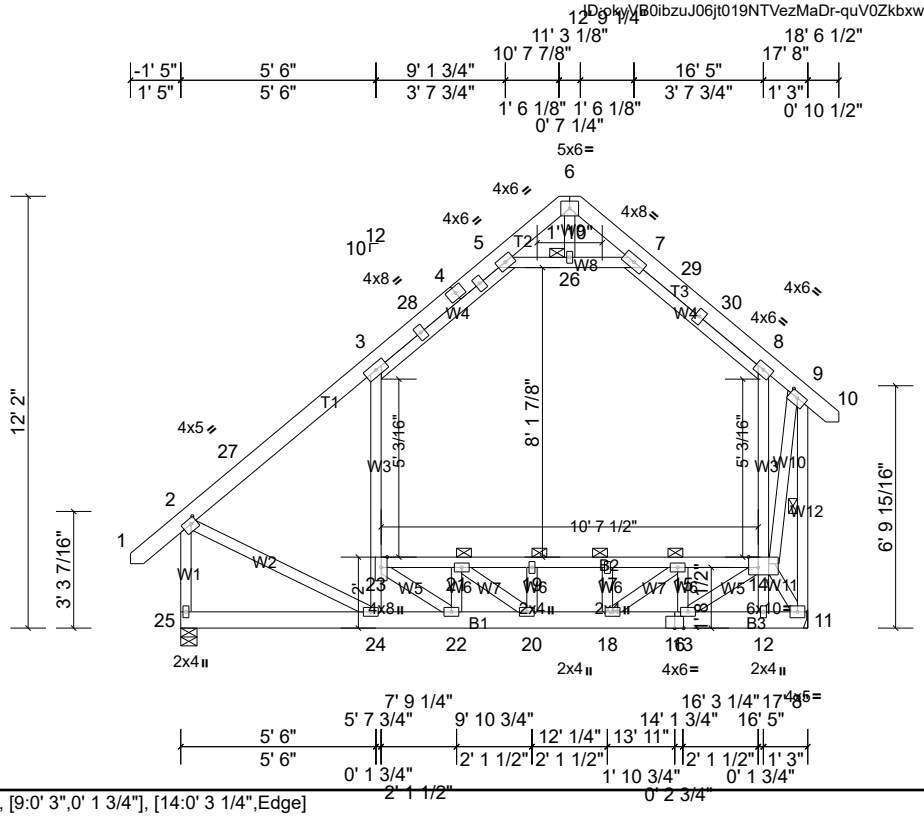

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Plate Offsets (X, Y): [2:0' 2",0' 1 3/4"], [9:0' 3",0' 1 3/4"], [14:0' 3 1/4",Edge]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.79	Vert(LL)	-0.11	22-24	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.22	23	>927	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.00	11	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	0.05	14-23	>999	360		
BCDL	10.0										Weight: 213 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E *Except* T1:2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x4 SP No.2

REACTIONS (lb/size) 11=1082/ Mechanical, (min. 0' 1 1/2"), 25=988/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 25=375 (LC 13)
Max Grav 11=1443 (LC 25), 25=1179 (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 6-0-0 oc bracing.
WEBS	1 Row at midpt 9-11
JOINTS	1 Brace at Jt(s): 26, 21, 19, 17, 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	2-27=-904/0, 3-27=-749/14, 3-28=-660/102, 4-28=-609/124, 4-5=-519/137, 7-29=-575/125, 29-30=-595/113, 8-30=-690/94, 8-9=-804/144, 2-25=-1055/0, 9-11=-2920/70
BOT CHORD	24-25=-341/329, 22-24=-67/751, 20-22=0/1256, 18-20=0/1033, 16-18=-316/330, 13-16=-316/330, 12-13=-1083/189, 11-12=-1009/186, 21-23=-746/0, 19-21=-584/149, 17-19=-584/149, 15-17=-584/149, 14-15=-327/814
WEBS	12-14=-29/291, 8-14=-474/348, 23-24=-440/20, 3-23=-208/300, 5-26=-843/189, 7-26=-843/189, 2-24=0/654, 17-18=-299/0, 13-15=-926/0, 22-23=0/830, 20-21=-545/194, 15-18=0/1237, 13-14=0/1175, 11-14=-306/1702, 9-14=-49/2413

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 7-11-8, Exterior(2R) 7-11-8 to 13-11-8, Interior (1) 13-11-8 to 15-4-5, Exterior(2E) 15-4-5 to 18-4-5 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) 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) All plates are 3x5 MT20 unless otherwise indicated.
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, 7-8, 5-26, 7-26; Wall dead load (5.0psf) on member(s).8-14, 3-23
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 21-23, 19-21, 17-19, 15-17, 14-15
11) Refer to girder(s) for truss to truss connections.
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) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C4	Attic	3	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:03 — Page: 1

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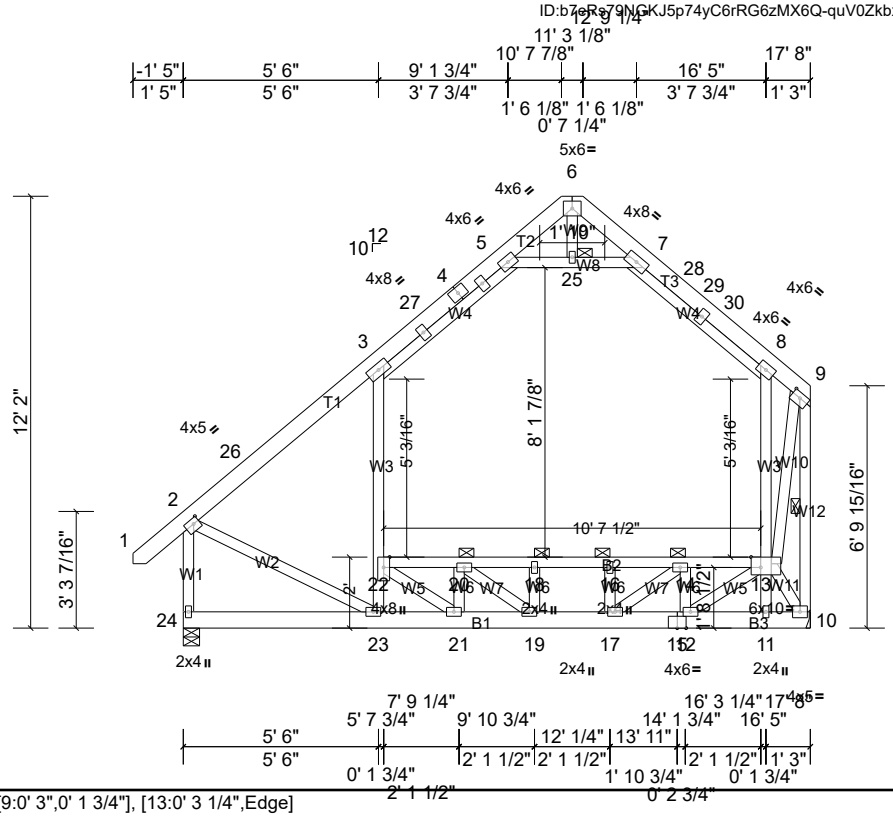


Scale = 1:64.9

Plate Offsets (X, Y): [2:0' 2",0' 1 3/4"], [9:0' 3",0' 1 3/4"], [13:0' 3 1/4",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	0.78	Vert(LL)	-0.11	21-23	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.22	22	>931	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	0.05	13-22	>999	360		
BCDL	10.0										Weight: 210 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E *Except* T1:2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x4 SP No.2

REACTIONS (lb/size) 10=1030/ Mechanical, (min. 0' 1 1/2"), 24=989/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 24=273 (LC 11)
Max Grav 10=1400 (LC 25), 24=1179 (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 6-0-0 oc bracing.
WEBS	1 Row at midpt 9-10
JOINTS	1 Brace at Jt(s): 25, 20, 18, 16, 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	2-26=-893/0, 3-26=-745/0, 3-27=-661/68, 4-27=-610/80, 4-5=-520/103, 7-28=-580/111, 28-29=-601/101, 29-30=-623/95, 8-30=-696/88, 8-9=-833/53, 2-24=-1056/0, 9-10=-2844/162
BOT CHORD	23-24=-245/261, 21-23=-53/708, 19-21=0/1221, 17-19=0/1034, 15-17=-315/328, 12-15=-315/328, 11-12=-1070/210, 10-11=-996/207, 20-22=-745/0, 18-20=-583/149, 16-18=-583/149, 14-16=-583/149, 13-14=-364/783
WEBS	11-13=0/301, 8-13=-483/345, 22-23=-440/18, 3-22=-208/300, 5-25=-860/152, 7-25=-860/152, 2-23=0/635, 16-17=-299/0, 12-14=-912/0, 21-22=0/830, 19-20=-522/239, 14-17=-28/1213, 12-13=0/1175, 10-13=-339/1646, 9-13=-139/2332

NOTES

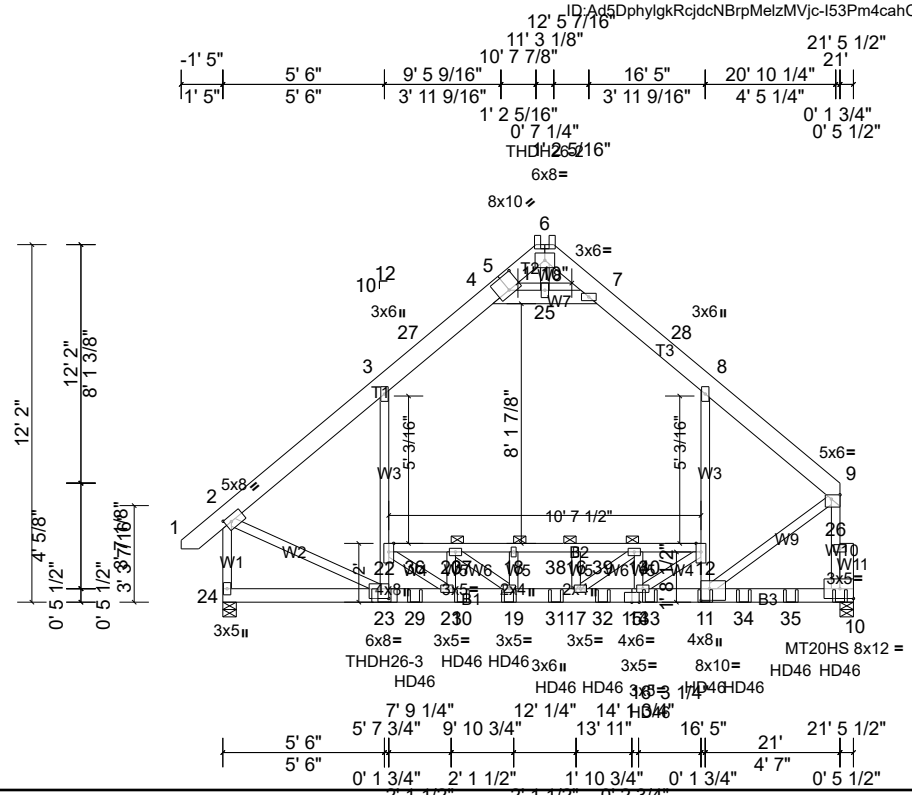
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 7-11-8, Exterior(2R) 7-11-8 to 13-11-8, Interior (1) 13-11-8 to 14-6-4, Exterior(2E) 14-6-4 to 17-6-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) All plates are 3x5 MT20 unless otherwise indicated.
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, 7-8, 5-25, 7-25; Wall dead load (5.0psf) on member(s).8-13, 3-22
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 20-22, 18-20, 16-18, 14-16, 13-14
11) Refer to girder(s) for truss to truss connections.
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) Attic room checked for L/360 deflection.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C4	Attic	3	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C5	Attic Girder	1	3	Job Reference (optional)



Scale = 1:78.4

Plate Offsets (X, Y): [2:0' 2 1/2",0' 2 1/4"], [5:0' 5",0' 6 1/8"], [9:Edge,0' 1 3/4"], [11:0' 3 1/2",0' 4 3/4"], [23:0' 3 1/2",0' 2 1/2"]

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	0.65	Vert(LL)	0.16	23	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.17	14-17	>999	180	MT20HS	187/143
TCDL	10.0	Rep Stress Incr	NO	WB	0.84	Horz(CT)	0.02	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.09	12-22	>999	360		
BCDL	10.0										Weight: 706 lb	FT = 20%

LUMBER
TOP CHORD 2x8 SP 2400F 2.0E
BOT CHORD 2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS 2x4 SP No.3 *Except* W7,W11:2x6 SP No.2, W10:2x4 SP No.2

REACTIONS (lb/size) 10=4875/0' 5 1/2", (min. 0' 3 1/8"), 24=4183/0' 5 1/2", (min. 0' 2 3/16")
Max Horiz 24=-271 (LC 10)
Max Uplift 24=-516 (LC 12)
Max Grav 10=7872 (LC 24), 24=5534 (LC 24)

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.
JOINTS 1 Brace at Jt(s): 20, 18, 16, 13

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4932/333, 3-27=-3141/76, 4-27=-3022/108, 4-5=-95/1543, 5-6=-73/1672, 6-7=-312/1852, 7-28=-3131/452, 8-28=-3250/421, 8-9=-4863/0, 2-24=-5390/357, 10-26=-5899/0, 9-26=-5881/0
BOT CHORD 23-24=-312/327, 23-29=-288/3520, 21-29=-288/3520, 21-30=-105/6189, 19-30=-105/6189, 19-31=0/6840, 17-31=0/6840, 17-32=0/5327, 15-32=0/5327, 14-15=0/5327, 14-33=0/3309, 11-33=0/3309, 11-34=-13/538, 34-35=-13/538, 10-35=-13/538, 22-36=-2787/55, 20-36=-2787/55, 20-37=-4059/0, 18-37=-4059/0, 18-38=-4059/0, 16-38=-4059/0, 16-39=-4059/0, 13-39=-4059/0, 13-40=-2545/360, 12-40=-2545/360
WEBS 22-23=-664/586, 3-22=-437/2572, 11-12=-73/1243, 8-12=-80/3145, 4-25=-5305/0, 7-25=-5305/0, 6-25=0/254, 20-21=-1318/291, 13-14=-1605/134, 21-22=0/3391, 19-20=-558/1768, 13-17=-305/2318, 12-14=-219/2987, 2-23=-13/3708, 9-11=-211/3721

NOTES
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x8 - 2 rows staggered at 0' 7" oc, 2x4 - 1 row at 0' 9" oc, 2x6 - 2 rows staggered at 0' 9" oc.
Bottom chords connected as follows: 2x6 - 3 rows staggered at 0' 5" oc, 2x4 - 1 row at 0' 9" oc.
Web connected as follows: 2x4 - 1 row at 0' 9" oc, Except member 6-25 2x4 - 2 rows staggered at 0' 4" oc, Except member 18-19 2x4 - 2 rows staggered at 0' 4" oc, member 3-23 2x4 - 1 row at 0' 6" 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 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) All plates are MT20 plates unless otherwise indicated.
9) All plates are 3x5 MT20 unless otherwise indicated.
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.
12) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-25, 7-25; Wall dead load (5.0psf) on member(s).3-22, 8-12
13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 20-22, 18-20, 16-18, 13-16, 12-13
14) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 24. 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) Use MiTek THDH26-3 (With 20-16d nails into Girder & 8-16d nails into Truss) or equivalent at 5-6-0 from the left end to connect truss(es) GR1 (3 ply 2x6 SP) to back face of bottom chord.
17) Use MiTek HD46 (With 8-16d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-10-15 oc max. starting at 6-6-7 from the left end to 21-0-0 to connect truss (es) F06 (1 ply 2x4 SP), F06B (1 ply 2x4 SP) to back face of bottom chord.
18) Use MiTek THDH26-2 (With 22-16d nails into Girder & 8-16d nails into Truss) or equivalent at 10-11-8 from the left end to connect truss(es) GR2 (2 ply 2x6 SP) to back face of top chord.
19) Use MiTek HD46 (With 12-16d nails into Girder & 6-10d nails into Truss) or equivalent at 17-8-12 from the left end to connect truss(es) F06A (1 ply 2x4 SP) to back face of bottom chord.
20) Fill all nail holes where hanger is in contact with lumber.
21) WARNING: The following hangers are manually applied but fail due to geometric considerations: THDH26-2 on back face at 10-11-8 from the left end.
22) 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=-58, 2-3=-58, 3-4=-68, 4-6=-58, 6-7=-58, 7-8=-68, 8-9=-58, 10-24=-19, 12-22=-29, 4-25=-10, 7-25=-10
   Drag: 3-22=-10, 8-12=-10
   Concentrated Loads (lb)
   Vert: 6=-1378, 10=-523, 23=-2039, 11=-211, 19=-211, 29=-211, 30=-211, 31=-211, 32=-211, 33=-211, 34=-914, 35=-516

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C6	Attic Girder	1	3	Job Reference (optional)

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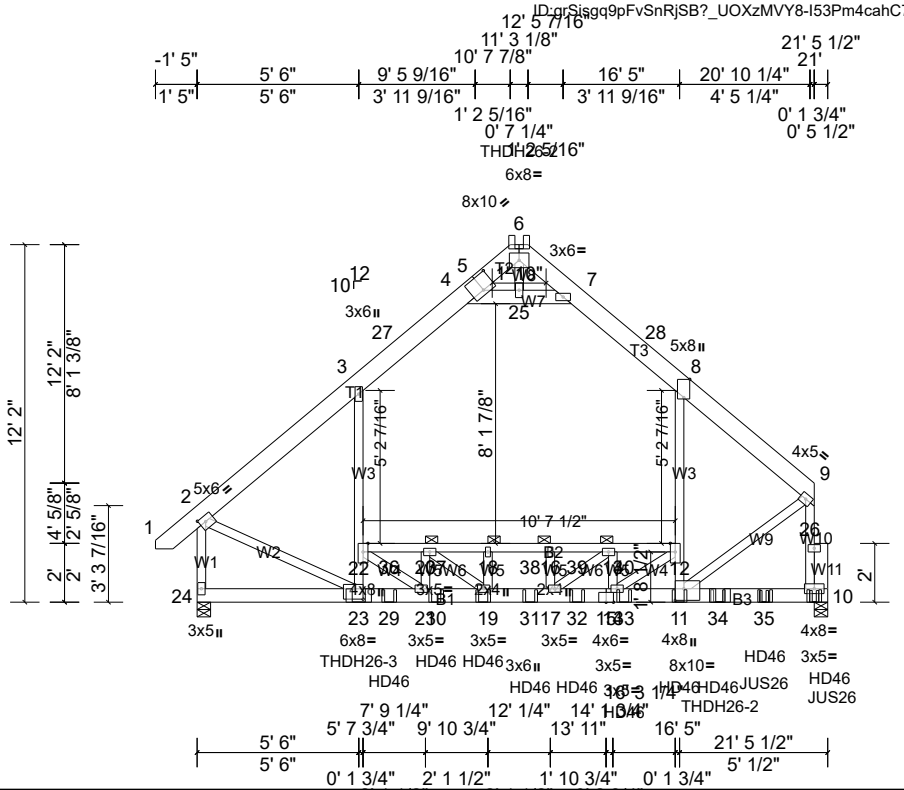

Scale = 1:78.4

Plate Offsets (X, Y): [2:0' 2 1/2",0' 2 1/4"], [5:0' 5",0' 6 1/8"], [8:0' 7 7/16",Edge], [11:0' 3 1/2",0' 4 3/4"], [23:0' 3 1/2",0' 4 1/4"]

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	0.74	Vert(LL)	0.14	23-24	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.62	Vert(CT)	-0.20	10-11	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.64	Horz(CT)	0.02	10	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	-0.07	12-22	>999	360		
BCDL	10.0										Weight: 706 lb	FT = 20%

LUMBER

TOP CHORD	2x8 SP 2400F 2.0E
BOT CHORD	2x6 SP 2400F 2.0E *Except* B2:2x4 SP No.2, B1:2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W3,W10:2x4 SP No.2, W7,W11:2x6 SP No.2

REACTIONS (lb/size) 10=5841/0' 5 1/2", (min. 0' 2 1/2"), 24=4267/0' 5 1/2", (min. 0' 2 1/4")
Max Horiz 24=-271 (LC 10)
Max Uplift 24=-439 (LC 12)
Max Grav 10=8953 (LC 24), 24=5648 (LC 24)

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.
JOINTS	1 Brace at Jt(s): 20, 18, 16, 13

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

TOP CHORD	2-3=-5122/262, 3-27=-3364/31, 4-27=-3245/63, 4-5=-27/1631, 5-6=-10/1768, 6-7=-156/2036, 7-28=-3197/411, 8-28=-3315/379, 8-9=-5318/0, 2-24=-5574/280, 10-26=-6442/0, 9-26=-6417/0
BOT CHORD	23-24=-310/316, 23-29=-254/3640, 21-29=-254/3640, 21-30=-24/6133, 19-30=-24/6133, 19-31=0/7016, 17-31=0/7016, 17-32=0/5658, 15-32=0/5658, 14-15=0/5658, 14-33=0/3618, 11-33=0/3618, 11-34=0/611, 34-35=0/611, 10-35=0/611, 22-36=-2529/19, 20-36=-2529/19, 20-37=-4084/0, 18-37=-4084/0, 18-38=-4084/0, 16-38=-4084/0, 16-39=-4084/0, 13-39=-4084/0, 13-40=-2725/426, 12-40=-2725/426
WEBS	22-23=-641/667, 3-22=-394/2542, 11-12=0/1633, 8-12=0/3515, 4-25=-5752/0, 7-25=-5752/0, 6-25=0/269, 20-21=-1429/237, 13-14=-1489/188, 21-22=0/3311, 19-20=-472/1957, 13-17=-395/2119, 12-14=-365/3120, 2-23=0/3935, 9-11=-170/3871

NOTES

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x8 - 2 rows staggered at 0' 7" oc, 2x4 - 1 row at 0' 9" oc, 2x6 - 2 rows staggered at 0' 9" oc.
Bottom chords connected as follows: 2x6 - 3 rows staggered at 0' 5" oc, 2x4 - 1 row at 0' 9" oc.
Web connected as follows: 2x4 - 1 row at 0' 9" oc, Except member 6-25 2x4 - 2 rows staggered at 0' 4" oc, Except member 18-19 2x4 - 2 rows staggered at 0' 4" oc, member 3-23 2x4 - 1 row at 0' 6" 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 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) All plates are 3x5 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.

Continued on page 2

11) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-25, 7-25; Wall dead load (5.0psf) on member(s).3-22, 8-12
12) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 20-22, 18-20, 16-18, 13-16, 12-13
13) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 24. 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) Use MiTek THDH26-3 (With 20-16d nails into Girder & 8-16d nails into Truss) or equivalent at 5-6-0 from the left end to connect truss(es) GR1 (3 ply 2x6 SP) to front face of bottom chord.
16) Use MiTek HD46 (With 8-16d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-10-15 oc max. starting at 6-6-7 from the left end to 21-0-0 to connect truss (es) F06 (1 ply 2x4 SP), F06B (1 ply 2x4 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 10-11-8 from the left end to connect truss(es) GR2 (2 ply 2x4 SP) to front face of top chord.
18) Use MiTek HD46 (With 12-16d nails into Girder & 6-10d nails into Truss) or equivalent at 17-8-12 from the left end to connect truss(es) F06A (1 ply 2x4 SP) to front face of bottom chord.
19) Use MiTek THDH26-2 (With 22-16d nails into Girder & 8-16d nails into Truss) or equivalent at 17-9-8 from the left end to connect truss(es) H2 (2 ply 2x8 SP) to back face of bottom chord.
20) Use MiTek JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 1-8-8 oc max. starting at 19-3-8 from the left end to 21-0-0 to connect truss(es) H1 (1 ply 2x6 SP) to back face of bottom chord.
21) Fill all nail holes where hanger is in contact with lumber.
22) WARNING: The following hangers are manually applied but fail due to geometric considerations: THDH26-2 on front face at 10-11-8 from the left end.
23) 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=-58, 2-3=-58, 3-4=-68, 4-6=-58, 6-7=-58, 7-8=-68, 8-9=-58, 10-24=-19, 12-22=-29, 4-25=-10, 7-25=-10
   Drag: 3-22=-10, 8-12=-10
   Concentrated Loads (lb)
   Vert: 6=-1343, 10=-688, 23=-1982, 11=-211, 19=-211, 29=-211, 30=-211, 31=-211, 32=-211, 33=-211, 34=-1736, 35=-669

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C7	Attic Supported Gable	1	1	Job Reference (optional)

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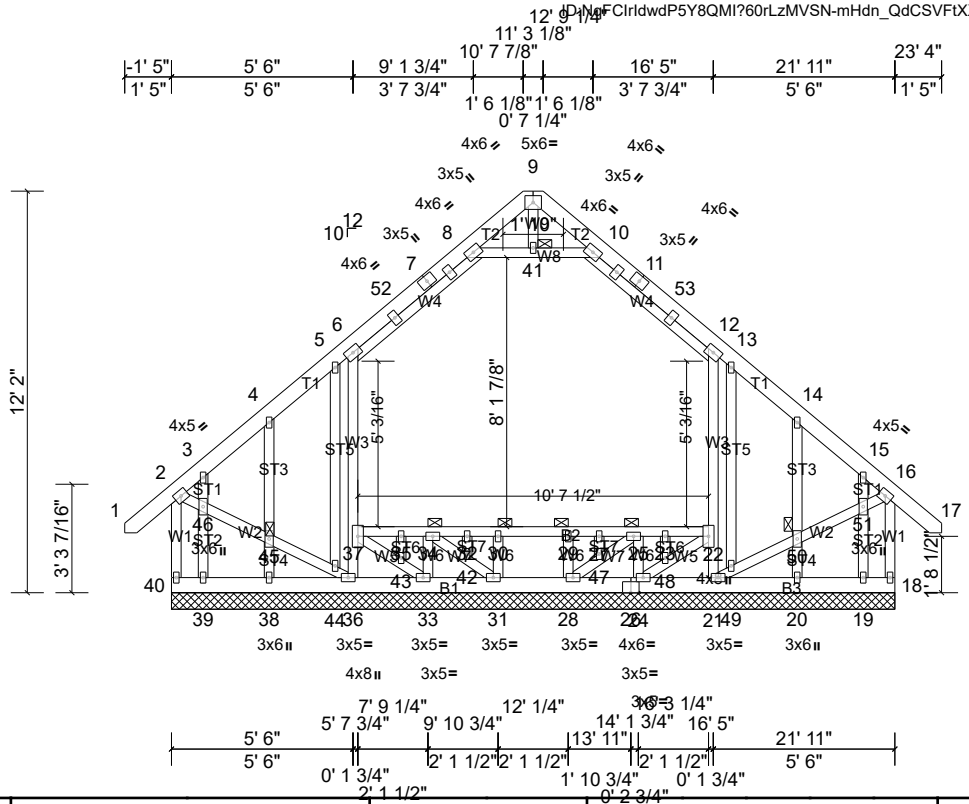

Scale = 1:69.8

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.00	18	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 276 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E *Except* T1:2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 41, 34, 30, 29, 25, 45, 50

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

REACTIONS All bearings 21' 11".

(lb) - Max Horiz 40=-334 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 18, 19, 20, 38, 39, 40 except 21=-170 (LC 15), 36=-165 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 19, 20, 38, 39 except 18=550 (LC 23), 21=394 (LC 26), 24=301 (LC 21), 28=261 (LC 21), 31=261 (LC 21), 33=301 (LC 21), 36=376 (LC 25), 40=550 (LC 22)

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

TOP CHORD 2-40=-540/29, 2-3=-413/34, 3-4=-449/33, 4-5=-418/58, 5-6=-357/79, 6-52=-545/100, 7-52=-417/101, 7-8=-397/123, 10-11=-397/123, 11-53=-417/100, 12-53=-545/100, 12-13=-357/77, 13-14=-418/55, 14-15=-449/26, 15-16=-413/25, 16-18=-540/20

BOT CHORD 39-40=-319/295, 38-39=-319/295, 36-38=-319/295, 33-36=-67/342, 26-28=-82/255, 24-26=-82/255, 21-24=-65/340

WEBS 21-22=-396/52, 12-22=-444/98, 21-49=-46/392, 49-50=-32/377, 50-51=-34/370, 16-51=-34/386, 36-37=-396/46, 6-37=-444/100, 2-46=-39/390, 45-46=-39/374, 44-45=-37/382, 36-44=-50/395

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 7-11-8, Exterior(2R) 7-11-8 to 13-11-8, Interior (1) 13-11-8 to 20-1-13, Exterior(2E) 20-1-13 to 23-1-13 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) 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, with BCDL = 10.0psf.
12) Ceiling dead load (5.0 psf) on member(s). 6-8, 10-12, 8-41, 10-41; Wall dead load (5.0psf) on member(s).12-22, 6-37

Continued on page 2

13) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 40, 18, 21, 36, 38, 39, 20, and 19. 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) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	C8	Attic	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:06 — Page: 1

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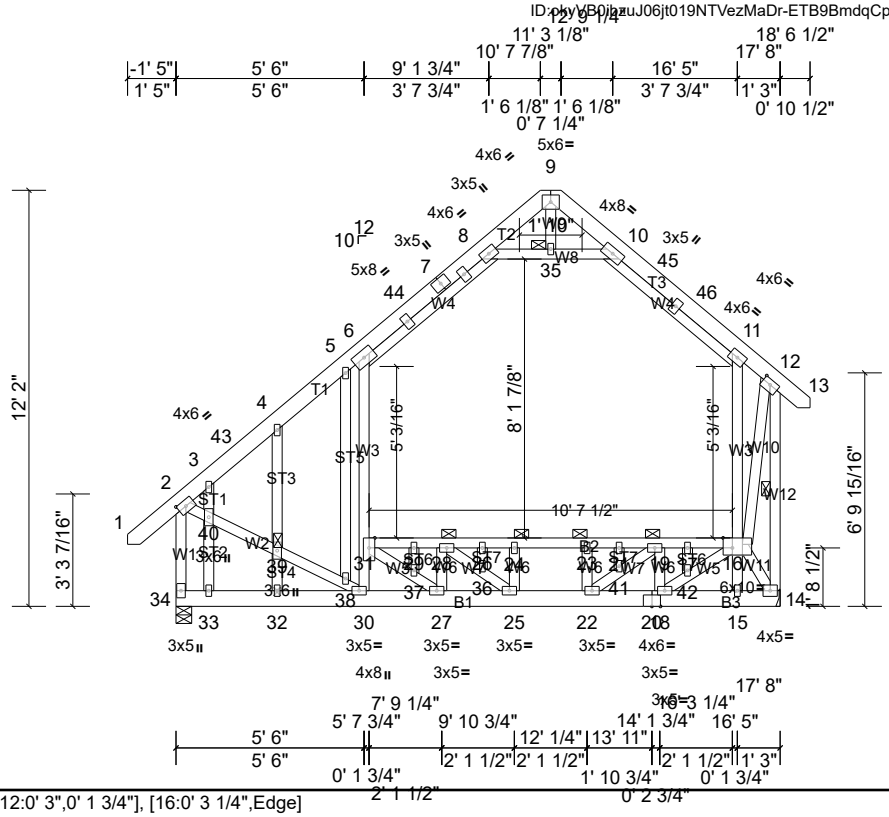

Plate Offsets (X, Y): [2:0' 2 7/8",0' 2"], [12:0' 3",0' 1 3/4"], [16:0' 3 1/4",Edge]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.11	30	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.22	31	>956	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.00	14	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		Attic	0.05	16-31	>999	360		
BCDL	10.0										Weight: 237 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E *Except* T1:2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W8:2x4 SP No.2
OTHERS	2x4 SP No.3

REACTIONS (lb/size) 14=1082/ Mechanical, (min. 0' 1 1/2"), 34=988/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 34=240 (LC 14)
Max Grav 14=1431 (LC 25), 34=1179 (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 6-0-0 oc bracing.
WEBS	1 Row at midpt 12-14
JOINTS	1 Brace at Jt(s): 35, 28, 24, 23, 19, 39

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=-833/0, 3-43=-837/0, 4-43=-780/0, 4-5=-845/0, 5-6=-835/0, 6-44=-654/68, 7-44=-603/88, 7-8=-515/103, 10-45=-583/120, 45-46=-604/110, 11-46=-686/97, 11-12=-806/62, 2-34=-992/0, 12-14=-2846/156
BOT CHORD	27-30=-48/703, 25-27=0/1142, 22-25=0/1011, 20-22=-309/327, 18-20=-309/327, 15-18=-1049/204, 14-15=-976/201, 29-31=-685/0, 28-29=-685/0, 26-28=-561/162, 24-26=-561/162, 23-24=-561/162, 21-23=-561/162, 19-21=-561/162, 17-19=-360/775, 16-17=-360/775
WEBS	15-16=0/296, 11-16=-486/319, 6-31=-106/468, 8-35=-811/152, 10-35=-811/152, 2-40=0/644, 39-40=0/626, 38-39=0/627, 30-38=0/588, 22-23=-347/0, 18-19=-881/0, 31-37=0/759, 27-37=0/758, 28-36=-437/210, 25-36=-485/217, 22-41=-14/1196, 19-41=-6/1144, 18-42=0/1156, 16-42=0/1169, 14-16=-331/1613, 12-16=-124/2337

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 7-11-8, Exterior(2R) 7-11-8 to 13-11-8, Interior (1) 13-11-8 to 15-4-5, Exterior(2E) 15-4-5 to 18-4-5 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) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.

Continued on page 2

11) Ceiling dead load (5.0 psf) on member(s). 6-8, 10-11, 8-35, 10-35; Wall dead load (5.0psf) on member(s).11-16, 6-31
12) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 29-31, 28-29, 26-28, 24-26, 23-24, 21-23, 19-21, 17-19, 16-17
13) Refer to girder(s) for truss to truss connections.
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) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	D1	Roof Special	8	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:07 — Page: 1

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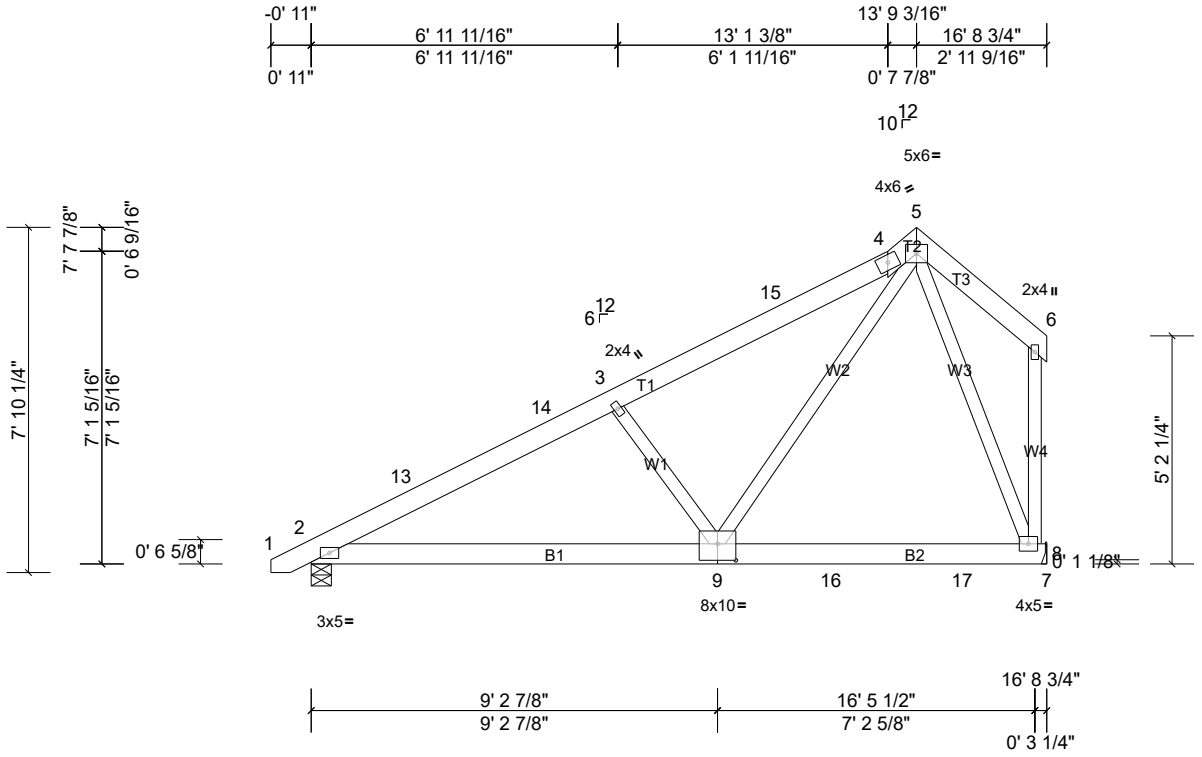

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Plate Offsets (X, Y): [9:0' 5",0' 4 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	-0.05	9-12	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.41	Vert(CT)	-0.10	9-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.01	8	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 124 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 2=701/0' 5 1/2", (min. 0' 1 1/2"), 8=663/ Mechanical, (min. 0' 1 1/2")
Max Horiz 2=223 (LC 14)
Max Uplift 2=-75 (LC 14), 8=-101 (LC 14)
Max Grav 2=778 (LC 35), 8=750 (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.

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=-1083/138, 13-14=-1060/144, 3-14=-972/162, 3-15=-894/151, 4-15=-782/160, 4-5=-680/151
BOT CHORD	2-9=-241/948, 9-16=-54/251, 16-17=-54/251, 8-17=-54/251
WEBS	5-9=-105/848, 3-9=-513/231, 5-8=-686/156

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) -0-8-6 to 2-3-10, Interior (1) 2-3-10 to 13-1-6, Exterior(2R) 13-1-6 to 13-9-3, Exterior(2E) 13-9-3 to 16-5-8 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 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, 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 101 lb uplift at joint 8.
10) 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.
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	E1	Scissor	1	1	Job Reference (optional)

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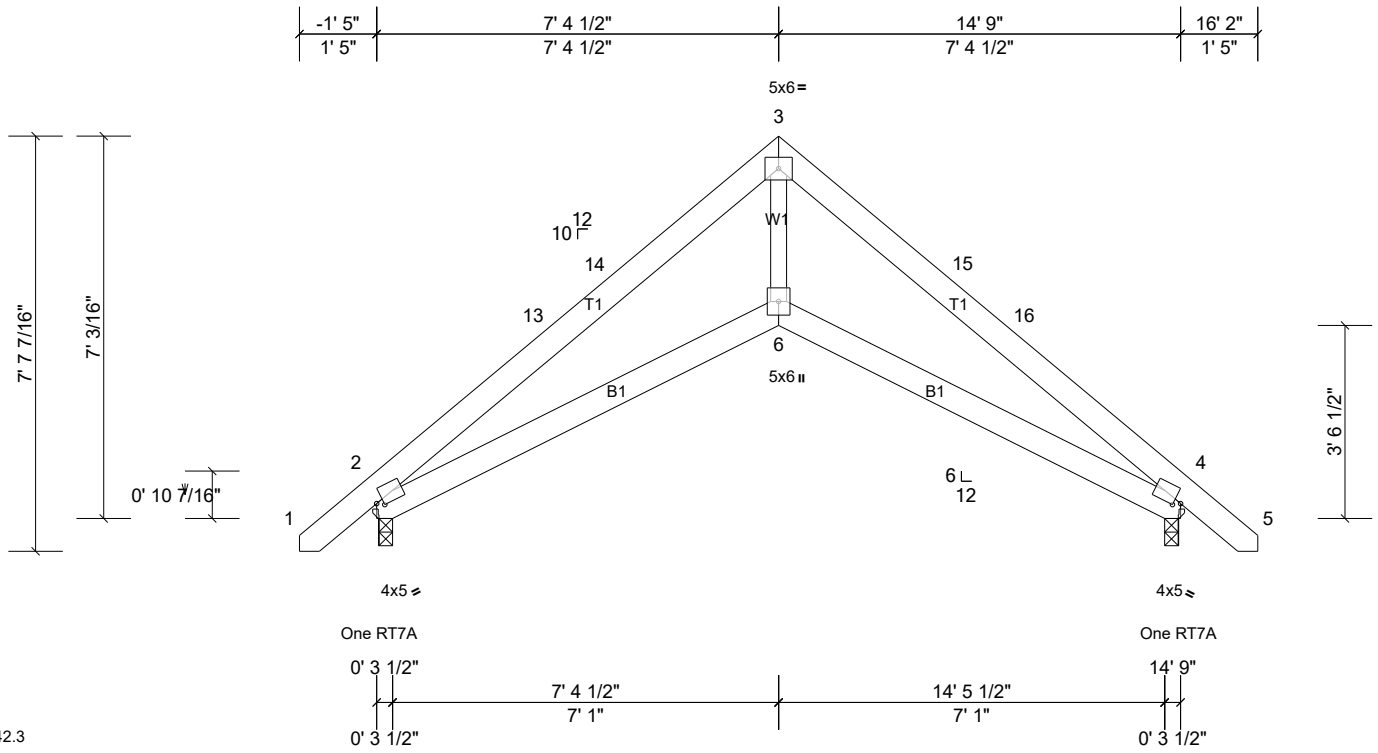

Scale = 1:42.3

Plate Offsets (X, Y): [2:0' 1 1/2",0' 1"], [4:0' 1 1/2",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	0.46	Vert(LL)	-0.04	6-9	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.08	6-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.08	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 97 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 5-8-15 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=664/0' 3", (min. 0' 1 1/2"), 4=664/0' 3", (min. 0' 1 1/2")
Max Horiz 2=-168 (LC 12)
Max Uplift 2=-66 (LC 14), 4=-66 (LC 15)
Max Grav 2=735 (LC 21), 4=735 (LC 22)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-1252/3, 13-14=-1063/9, 3-14=-1062/35, 3-15=-1062/91, 15-16=-1063/62, 4-16=-1252/59
BOT CHORD 2-6=-75/946, 4-6=0/944
WEBS 3-6=0/941

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 4-4-8, Exterior(2R) 4-4-8 to 10-4-8, Interior (1) 10-4-8 to 12-11-13, Exterior(2E) 12-11-13 to 15-11-13 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) 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) 2, 4 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) 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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	E2	Scissor	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:08 — Page: 1

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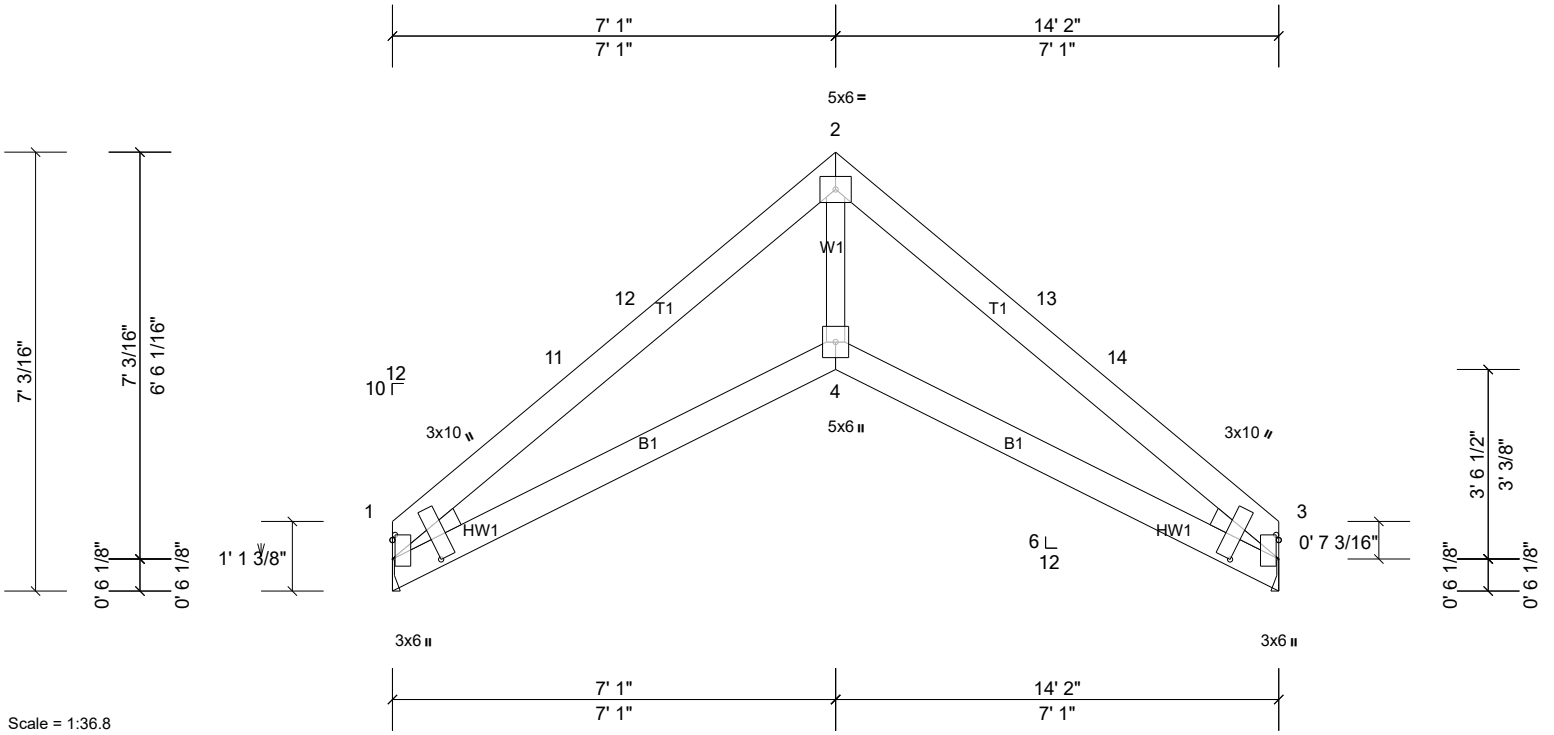

Scale = 1:36.8

Plate Offsets (X, Y): [1:0' 1",0' 1/2"], [1:0' 7 1/2",0' 6 11/16"], [3:0' 1",0' 1/2"], [3:0' 7 1/2",0' 6 11/16"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	-0.04	4-7	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.07	4-7	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.06	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 90 lb	FT = 20%

LUMBER

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

BRACING

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

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

REACTIONS (lb/size) 1=567/ Mechanical, (min. 0' 1 1/2"), 3=567/ Mechanical, (min. 0' 1 1/2")
Max Horiz 1=139 (LC 11)
Max Uplift 1=-39 (LC 14), 3=-39 (LC 15)
Max Grav 1=639 (LC 20), 3=639 (LC 21)

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

TOP CHORD	1-11=-1168/94, 11-12=-1015/102, 2-12=-1003/126, 2-13=-1002/126, 13-14=-1016/103, 3-14=-1164/95
BOT CHORD	1-4=-82/895, 3-4=-33/895
WEBS	2-4=0/889

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) 0-3-8 to 3-3-8, Interior (1) 3-3-8 to 4-4-8, Exterior(2R) 4-4-8 to 10-4-8, Interior (1) 10-4-8 to 11-5-8, Exterior(2E) 11-5-8 to 14-5-8 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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 3 and 39 lb uplift at joint 1.
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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	E3	Roof Special	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:08 — Page: 1

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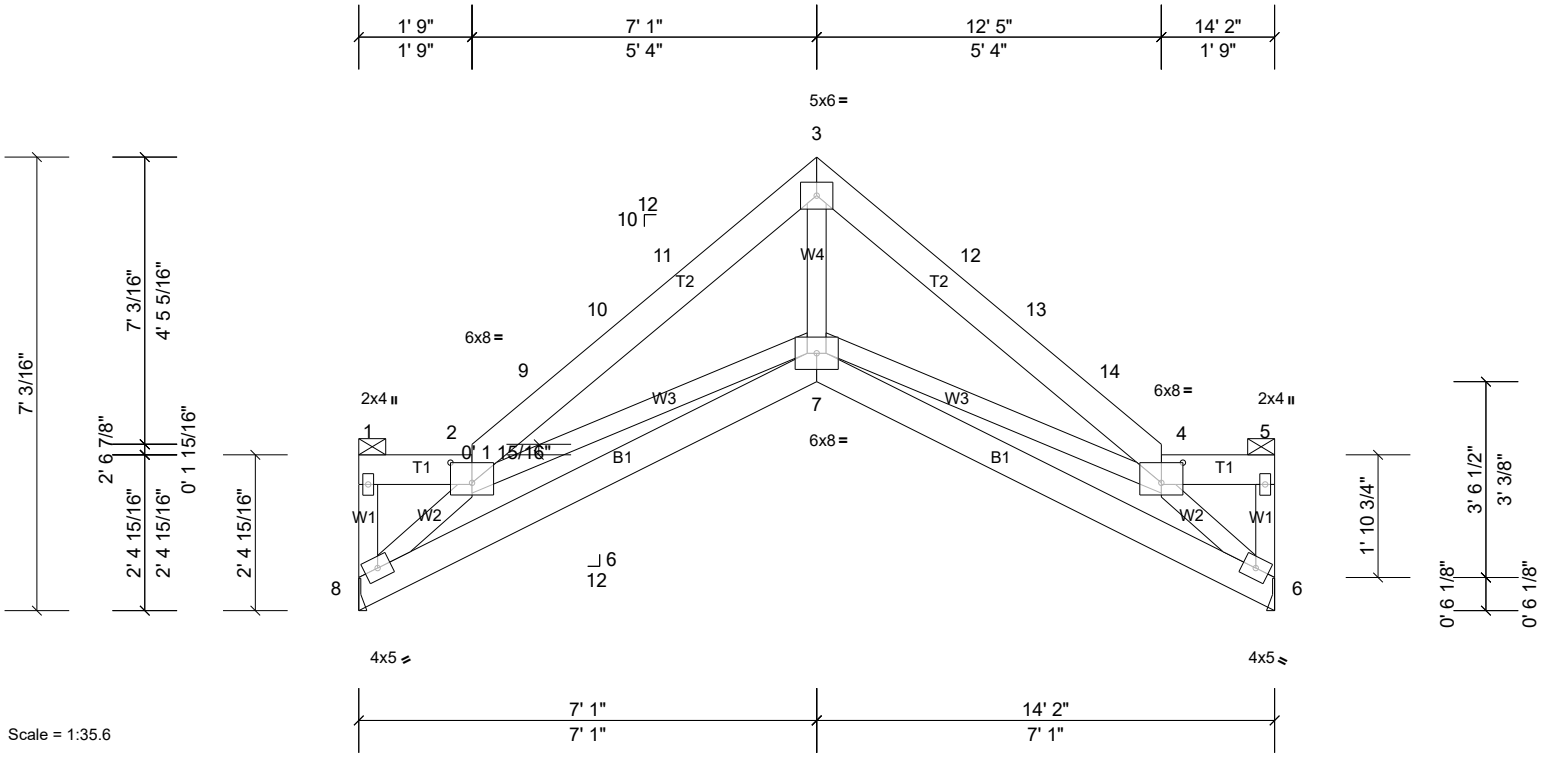

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Plate Offsets (X, Y): [2:0' 4",0' 3 3/4"], [4:0' 4",0' 3 3/4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	-0.04	7-8	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.07	6-7	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.09	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 111 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 5-10-7 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 1-2, 4-5.
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.

REACTIONS (lb/size) 6=555/ Mechanical, (min. 0' 1 1/2"), 8=555/ Mechanical, (min. 0' 1 1/2")
Max Horiz 8=106 (LC 13)
Max Uplift 6=-39 (LC 15), 8=-39 (LC 14)
Max Grav 6=705 (LC 40), 8=705 (LC 40)

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

TOP CHORD	2-9=-1412/99, 9-10=-1299/108, 10-11=-1292/110, 3-11=-1237/131, 3-12=-1237/131, 12-13=-1292/110, 13-14=-1299/108, 4-14=-1412/99
BOT CHORD	7-8=-283/1128, 6-7=-223/1128
WEBS	2-8=-1475/302, 3-7=0/1115, 4-7=-119/257, 4-6=-1475/302

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) 0-1-12 to 1-9-0, Interior (1) 1-9-0 to 4-1-0, Exterior(2R) 4-1-0 to 10-1-0, Interior (1) 10-1-0 to 12-5-0, Exterior(2E) 12-5-0 to 14-0-4 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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 8 and 39 lb uplift at joint 6.
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	E4	Roof Special	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:08 — Page: 1

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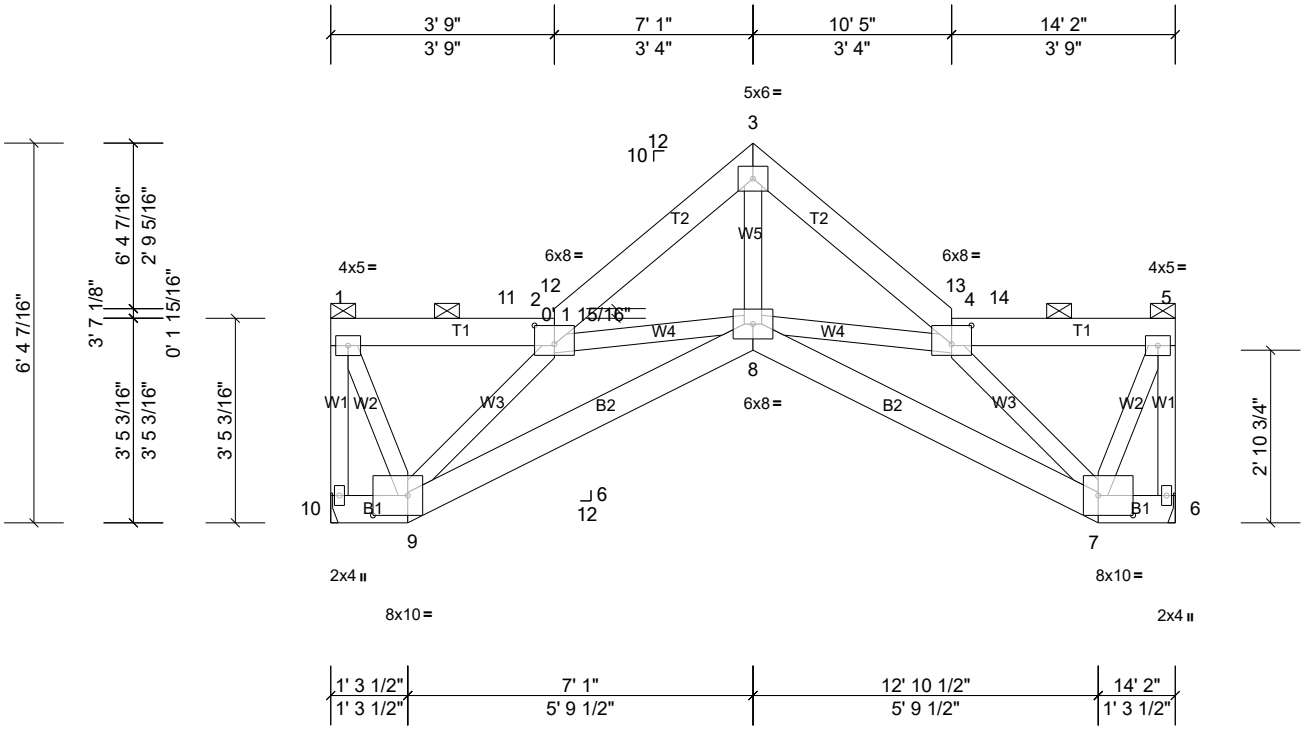

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Plate Offsets (X, Y): [2:0' 4",0' 3 3/4"], [4:0' 4",0' 3 3/4"], [7:0' 7",0' 4"], [9:0' 7",0' 4"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	-0.04	8-9	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	-0.07	7-8	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.07	6	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 116 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.): 1-2, 4-5.
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.

REACTIONS (lb/size) 6=555/ Mechanical, (min. 0' 1 1/2"), 10=555/ Mechanical, (min. 0' 1 1/2")
Max Horiz 10=67 (LC 11)
Max Uplift 6=-46 (LC 15), 10=-46 (LC 14)
Max Grav 6=629 (LC 21), 10=629 (LC 20)

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

TOP CHORD	1-10=-608/71, 2-12=-1166/138, 3-12=-1165/164, 3-13=-1165/164, 4-13=-1165/138, 5-6=-608/71
BOT CHORD	8-9=-198/1083, 7-8=-198/1083
WEBS	1-9=-38/529, 2-9=-1174/232, 3-8=-97/1058, 4-7=-1174/232, 5-7=-38/529

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) 0-1-12 to 3-1-12, Interior (1) 3-1-12 to 4-1-0, Exterior(2R) 4-1-0 to 10-1-0, Interior (1) 10-1-0 to 11-0-4, Exterior(2E) 11-0-4 to 14-0-4 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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 10 and 46 lb uplift at joint 6.
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	E5	Scissor Structural Gable	1	1	Job Reference (optional)

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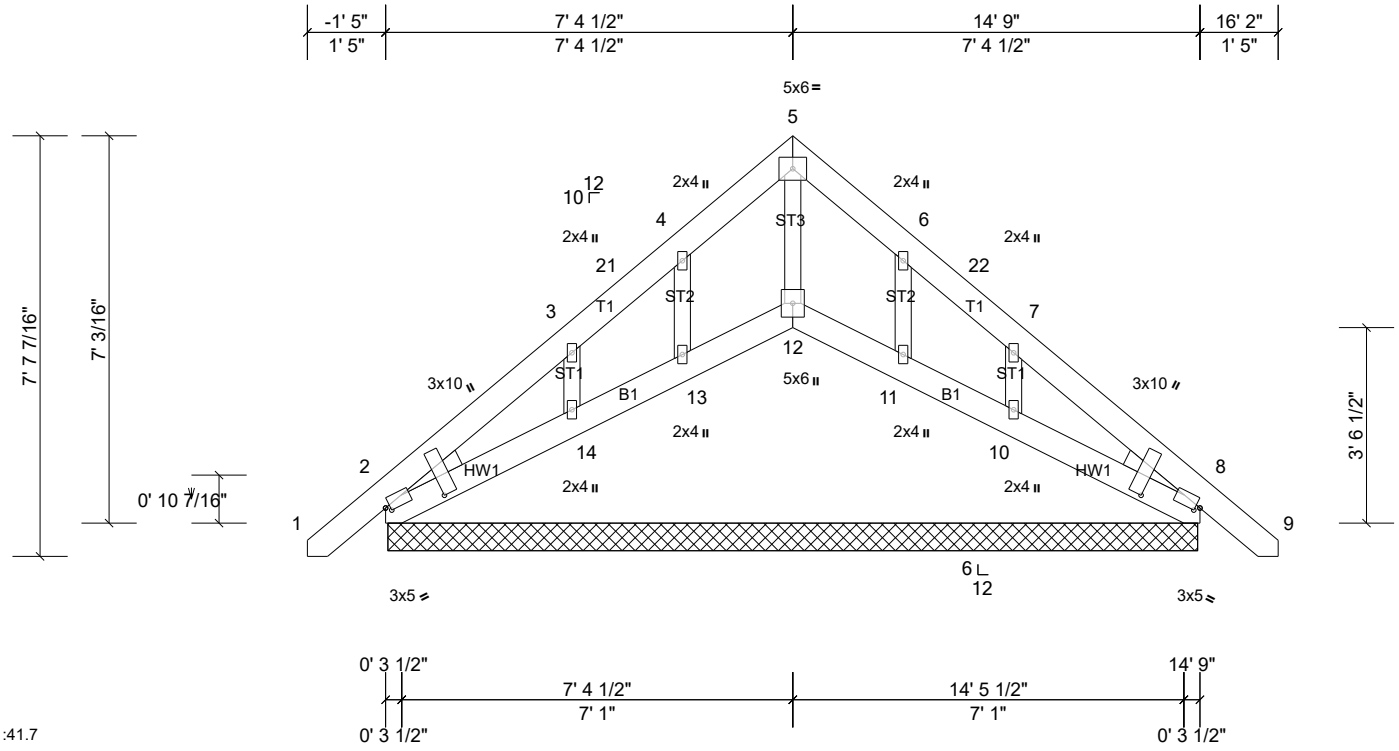

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Plate Offsets (X, Y): [2:0' 1",0' 1"], [2:0' 3 1/4",1' 11/16"], [8:0' 1",0' 1"], [8:0' 3 1/4",1' 11/16"]

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	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 110 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.3
	Right: 2x4 SP No.3

BRACING

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

REACTIONS All bearings 14' 8".

(lb) - Max Horiz 2=-163 (LC 12), 15=-163 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 8, 11, 12, 13, 15, 18 except 10=-141 (LC 15), 14=-147 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 8, 11, 13, 15, 18 except 10=271 (LC 22), 12=271 (LC 15), 14=272 (LC 24)

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 4-4-8, Exterior(2R) 4-4-8 to 10-4-8, Interior (1) 10-4-8 to 12-11-13, Exterior(2E) 12-11-13 to 15-11-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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 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, 12, 8, 13, 14, 11, and 10. This connection is for uplift only and does not consider lateral forces.
12) Non Standard bearing condition. Review required.
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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F01	Floor	11	1	Job Reference (optional)

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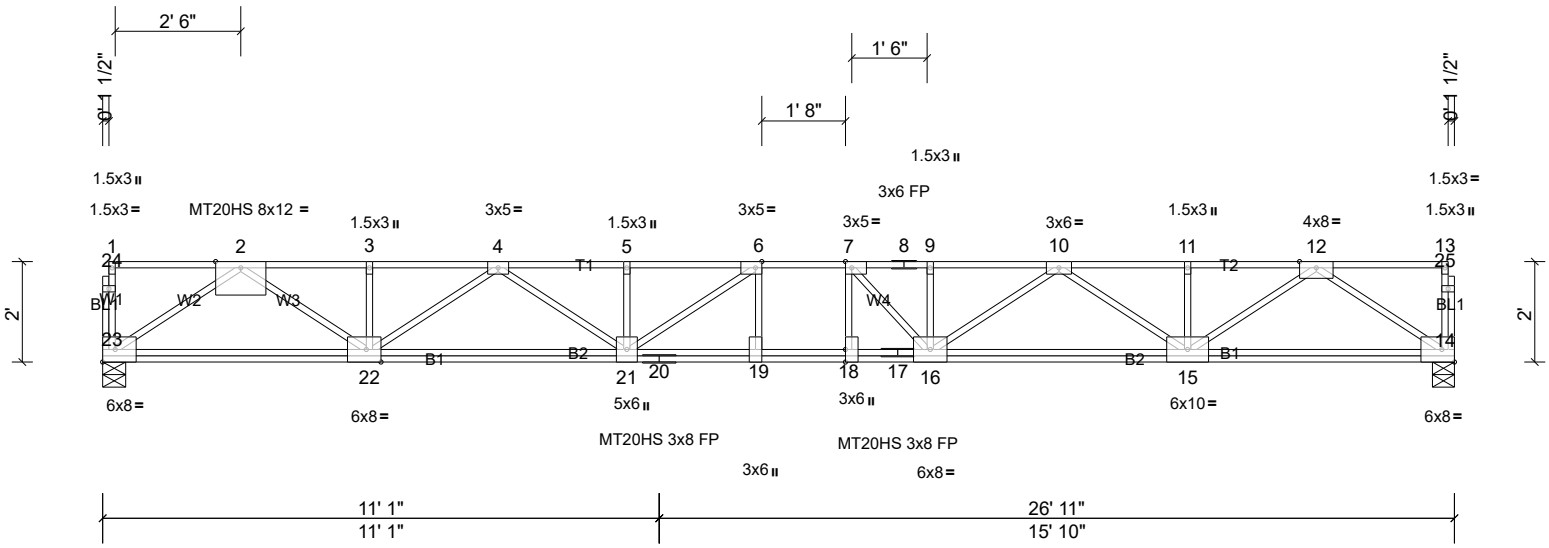

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Loading	(psf)	Spacing	1' 7 3/16"			
TCLL	40.0	Plate Grip DOL	1.00			
TCDL	10.0	Lumber DOL	1.00			
BCLL	0.0	Rep Stress Incr	NO			
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH		

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F01A	Floor	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user

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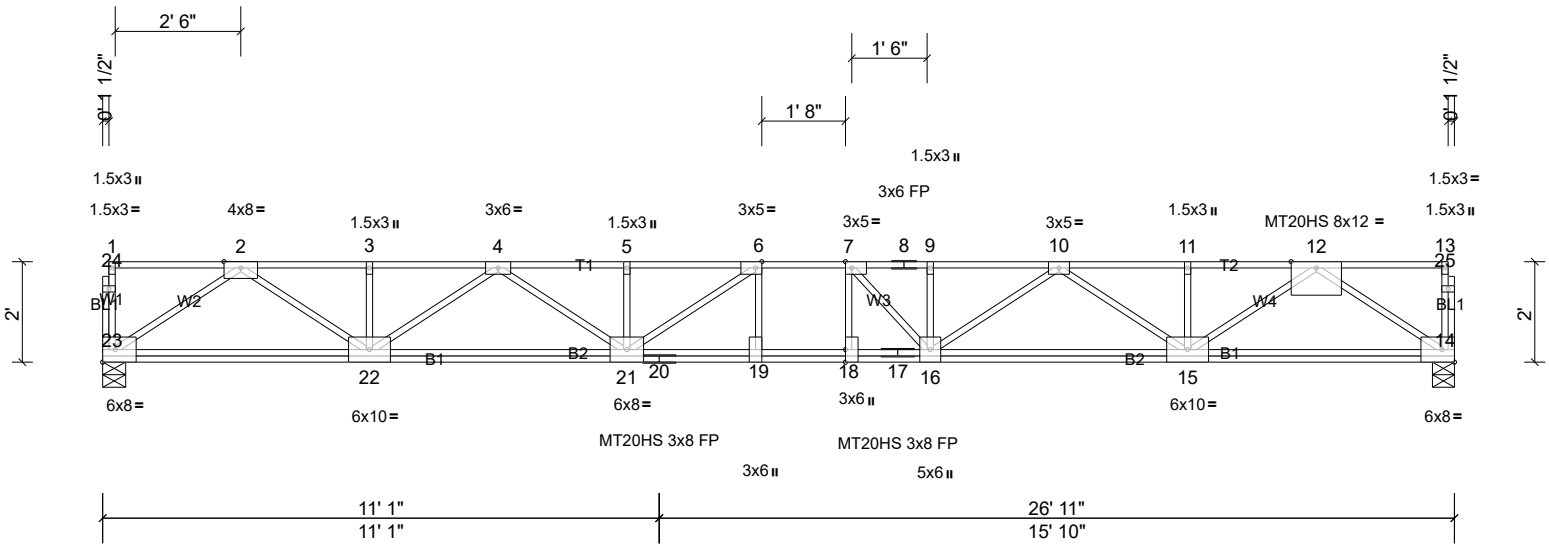

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Loading	(psf)	Spacing	1' 7 3/16"			
TCLL	40.0	Plate Grip DOL	1.00			
TCDL	10.0	Lumber DOL	1.00			
BCLL	0.0	Rep Stress Incr	NO			
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH		

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F01B	Floor	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user

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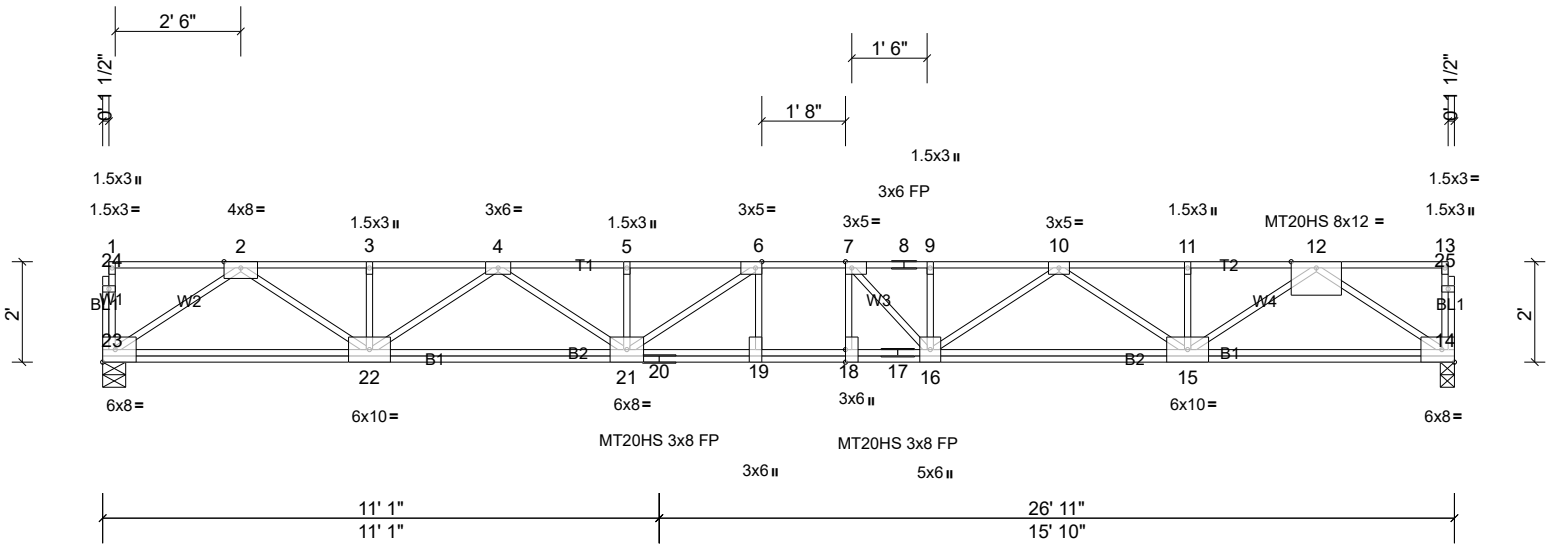

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Loading	(psf)	Spacing	1' 7 3/16"			
TCLL	40.0	Plate Grip DOL	1.00			
TCDL	10.0	Lumber DOL	1.00			
BCLL	0.0	Rep Stress Incr	NO			
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH		

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F02	Floor	2	1	Job Reference (optional)

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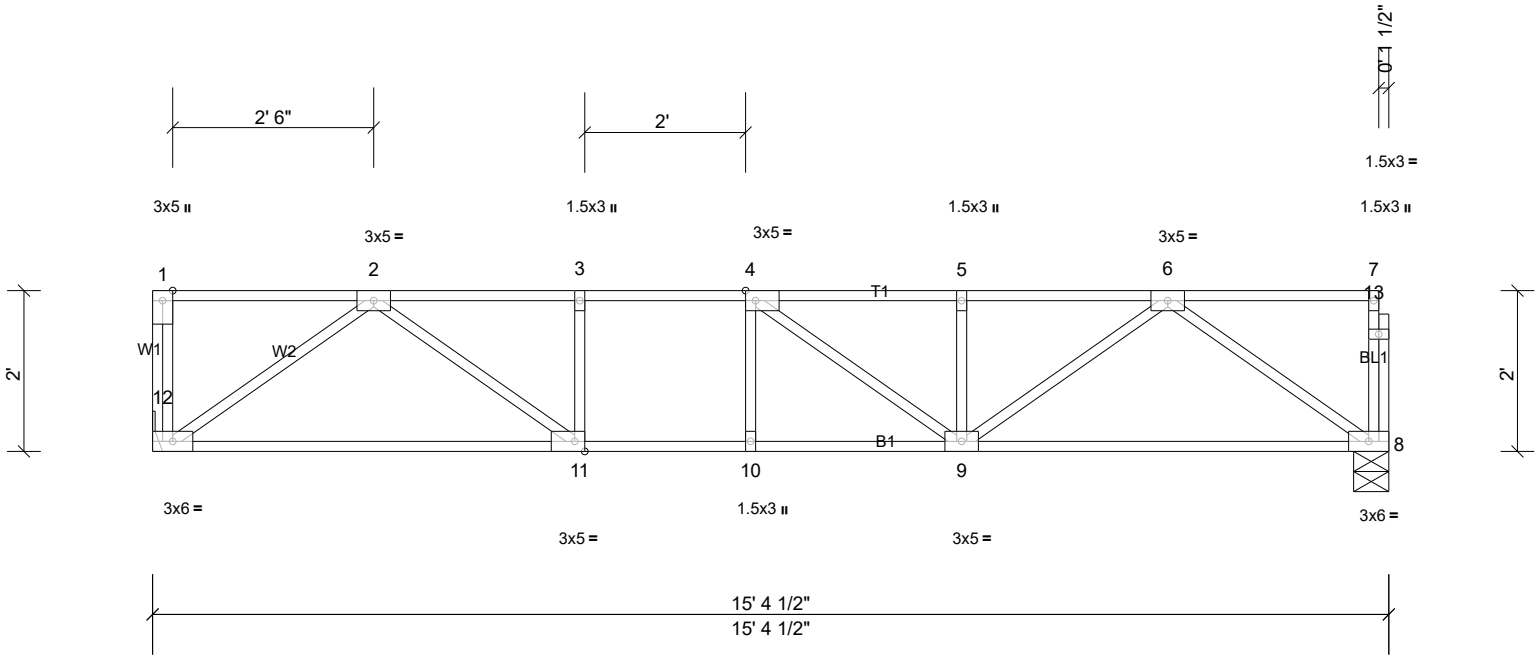

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Loading	(psf)	Spacing	1' 7 3/16"			
TCLL	40.0	Plate Grip DOL	1.00			
TCDL	10.0	Lumber DOL	1.00			
BCLL	0.0	Rep Stress Incr	NO			
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH		

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F03	Floor	1	1	Job Reference (optional)

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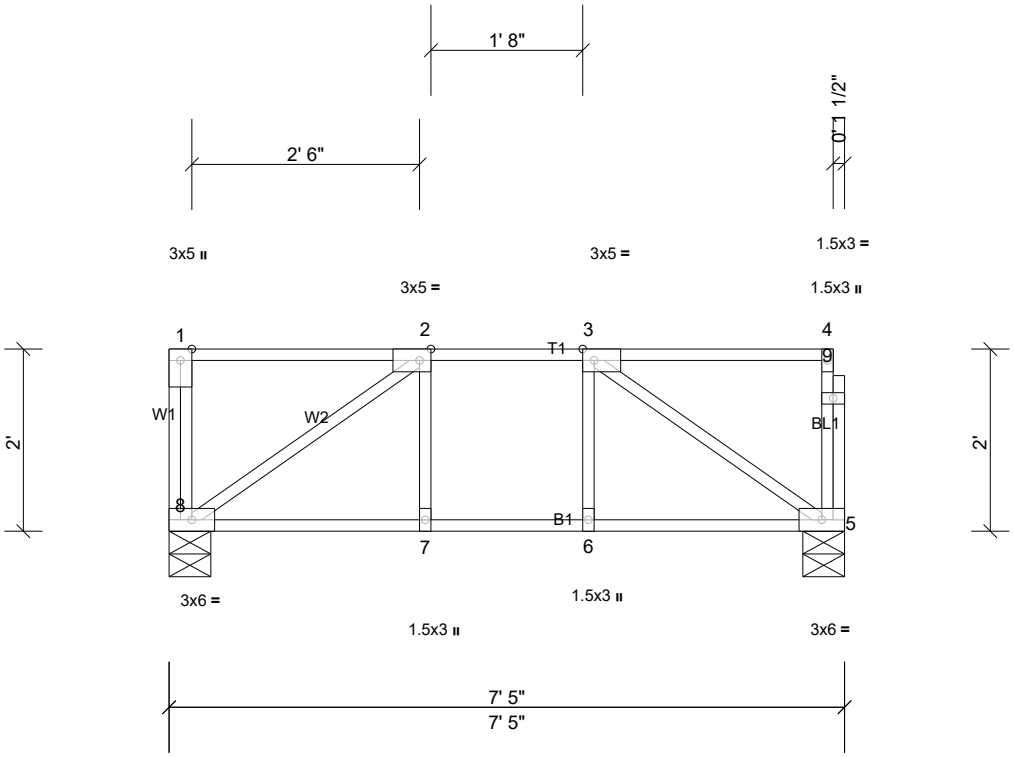

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Plate Offsets (X, Y): [2:0' 1 1/2",Edge], [3:0' 1 1/2",Edge]

Loading	(psf)	Spacing	1' 7 3/16"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.84	Vert(LL)	-0.08	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.61	Vert(CT)	-0.09	7-8	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.27	Horz(CT)	0.01	5	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH							Weight: 46 lb	FT = 20%F, 11%E

LUMBER

TOP CHORD	2x4 SP No.1(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)

BRACING

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

REACTIONS (lb/size) 5=750/0' 5 1/2", (min. 0' 1 1/2"), 8=763/0' 5 1/2", (min. 0' 1 1/2")

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

TOP CHORD	2-3=-745/0
BOT CHORD	7-8=0/745, 6-7=0/745, 5-6=0/745
WEBS	3-5=-900/0, 2-8=-909/0

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 5-8=-8, 1-4=-205

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F04	Floor Girder	1	1	Job Reference (optional)

Carter Components, Sanford, NC, user

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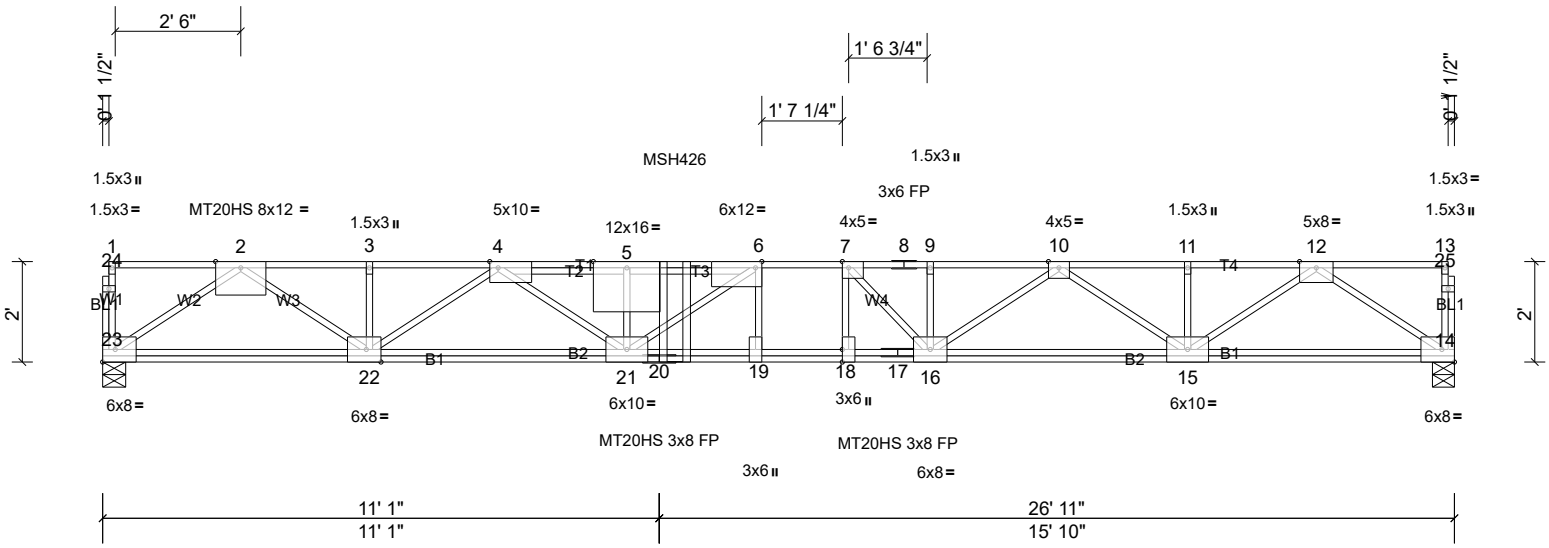

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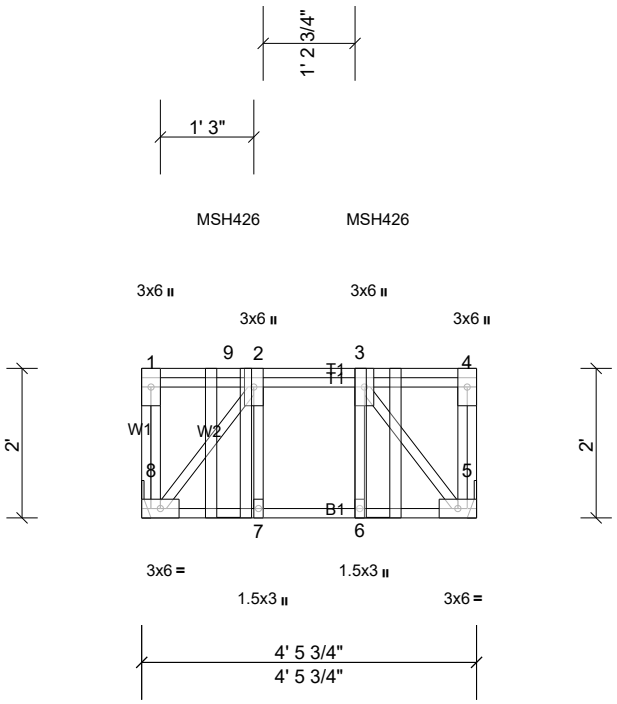
Loading	(psf)	Spacing	1' 7 3/16"			
TCLL	40.0	Plate Grip DOL	1.00			
TCDL	10.0	Lumber DOL	1.00			
BCLL	0.0	Rep Stress Incr	NO			
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH		

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F05	Floor Girder	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	1' 7 3/16"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.39	Vert(LL)	-0.01	7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.22	Vert(CT)	-0.01	7	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH							Weight: 41 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-5-12 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=828/ Mechanical, (min. 0' 1 1/2"), 8=963/ Mechanical, (min. 0' 1 1/2")
Max Grav 5=859 (LC 4), 8=1003 (LC 3)

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

TOP CHORD	2-3=-617/0
BOT CHORD	7-8=0/617, 6-7=0/617, 5-6=0/617
WEBS	3-5=-993/0, 2-8=-993/0

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) Use MiTek MSH426 (With 16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-1-15 from the left end to 3-1-15 to connect truss(es) F02 (1 ply 2x4 SP) to front face of top chord.
6) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 5-8=-8, 1-4=-80
   Concentrated Loads (lb)
   Vert: 3=-710, 9=-710

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F06	Floor	7	1	Job Reference (optional)

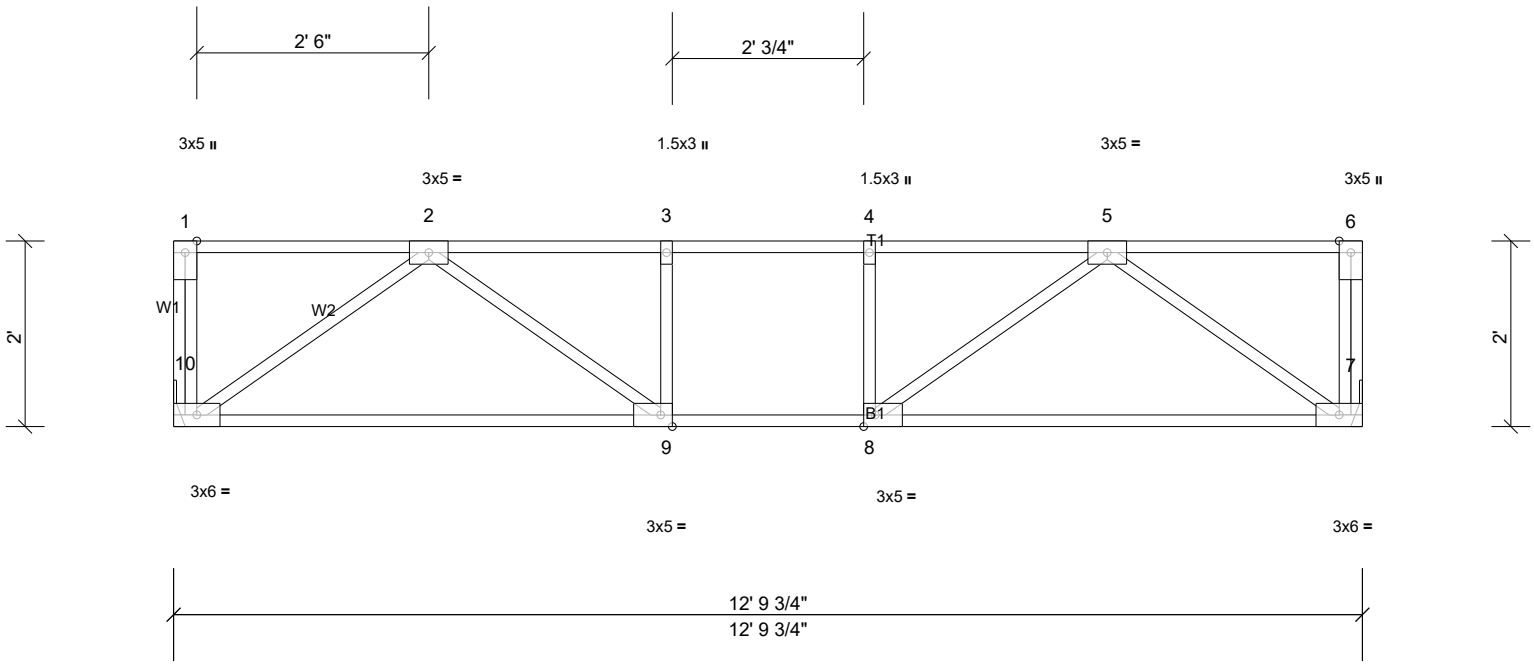

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Plate Offsets (X, Y): [8:0' 1 1/2",Edge], [9:0' 1 1/2",Edge]

Loading	(psf)	Spacing	1' 7 3/16"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.54	Vert(LL)	-0.12	9-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.53	Vert(CT)	-0.18	9-10	>847	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.23	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH							Weight: 72 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

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

REACTIONS (lb/size) 7=628/ Mechanical, (min. 0' 1 1/2"), 10=628/ Mechanical, (min. 0' 1 1/2")

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

TOP CHORD	2-3=-923/0, 3-4=-923/0, 4-5=-923/0
BOT CHORD	9-10=0/632, 8-9=0/923, 7-8=0/632
WEBS	5-7=-777/0, 2-10=-777/0, 5-8=0/414, 2-9=0/414

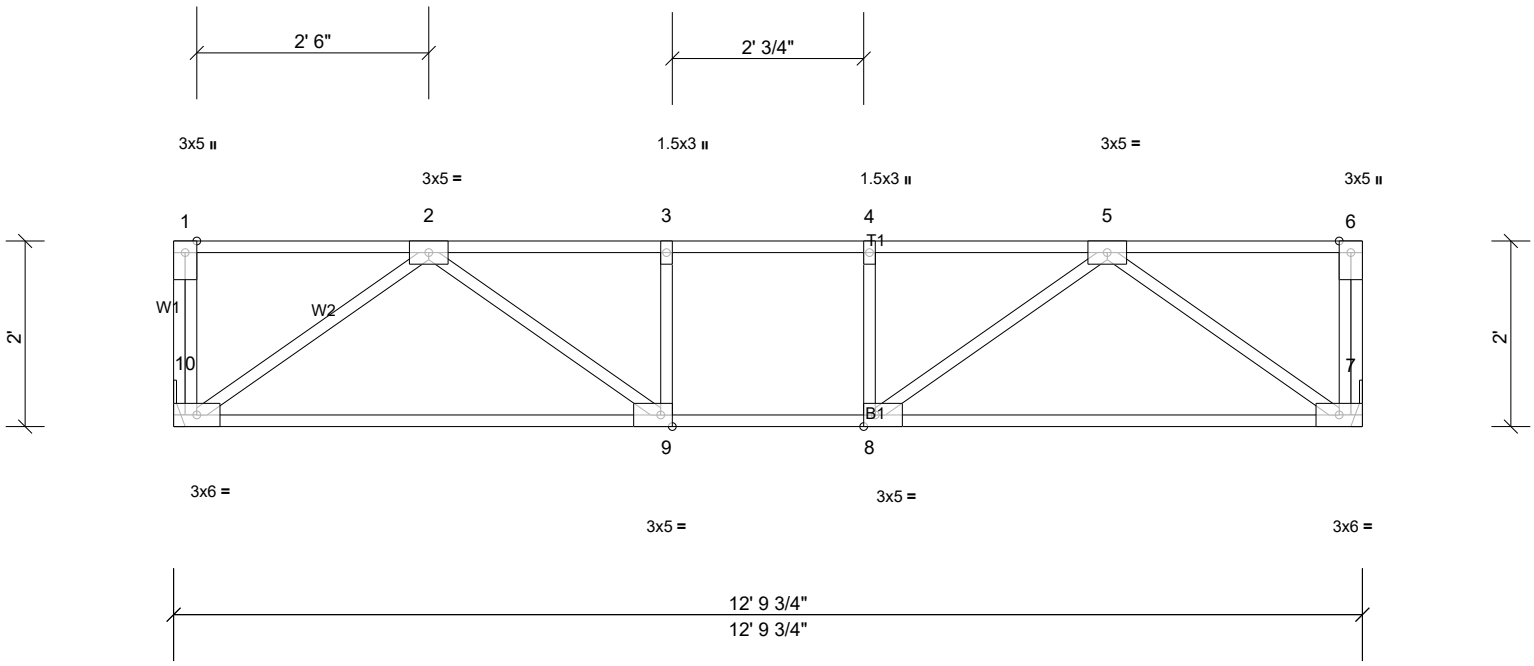
NOTES

1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 7-10=-8, 1-6=-80
   Concentrated Loads (lb)
   Vert: 1=-76, 6=-76

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F06A	Floor	1	1	Job Reference (optional)



Scale = 1:24.8

Plate Offsets (X, Y): [8:0' 1 1/2",Edge], [9:0' 1 1/2",Edge]

Loading	(psf)	Spacing	1' 7 3/16"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.54	Vert(LL)	-0.12	9-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.53	Vert(CT)	-0.18	9-10	>847	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.23	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH							Weight: 72 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

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

REACTIONS (lb/size) 7=1982/ Mechanical, (min. 0' 1 1/2"), 10=1982/ Mechanical, (min. 0' 1 1/2")

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

TOP CHORD	1-10=-1513/0, 6-7=-1513/0, 2-3=-922/0, 3-4=-922/0, 4-5=-922/0
BOT CHORD	9-10=0/633, 8-9=0/922, 7-8=0/633
WEBS	5-7=-777/0, 2-10=-777/0, 5-8=0/414, 2-9=0/414

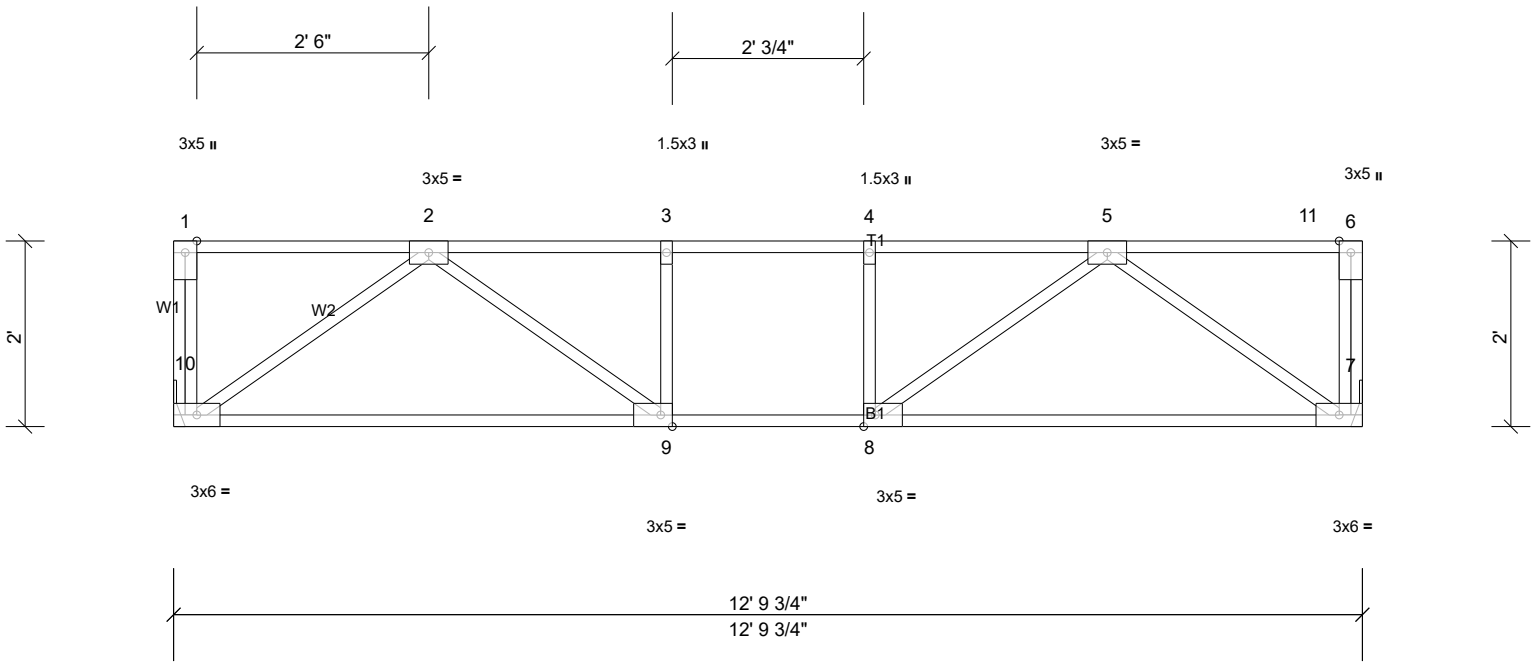
NOTES

1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 7-10=-8, 1-6=-80
   Concentrated Loads (lb)
   Vert: 1=-1430, 6=-1430

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	F06B	Floor	2	1	Job Reference (optional)



Scale = 1:24.8

Plate Offsets (X, Y): [8:0' 1 1/2",Edge], [9:0' 1 1/2",Edge]

Loading	(psf)	Spacing	1' 7 3/16"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.55	Vert(LL)	-0.12	9-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.53	Vert(CT)	-0.18	7-8	>842	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.23	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MSH							Weight: 72 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

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

REACTIONS (lb/size) 7=1223/ Mechanical, (min. 0' 1 1/2"), 10=1222/ Mechanical, (min. 0' 1 1/2")

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

TOP CHORD	1-10=-752/0, 6-7=-753/0, 2-3=-924/0, 3-4=-924/0, 4-5=-924/0
BOT CHORD	9-10=0/633, 8-9=0/924, 7-8=0/634
WEBS	5-7=-779/0, 2-10=-778/0, 5-8=0/415, 2-9=0/415

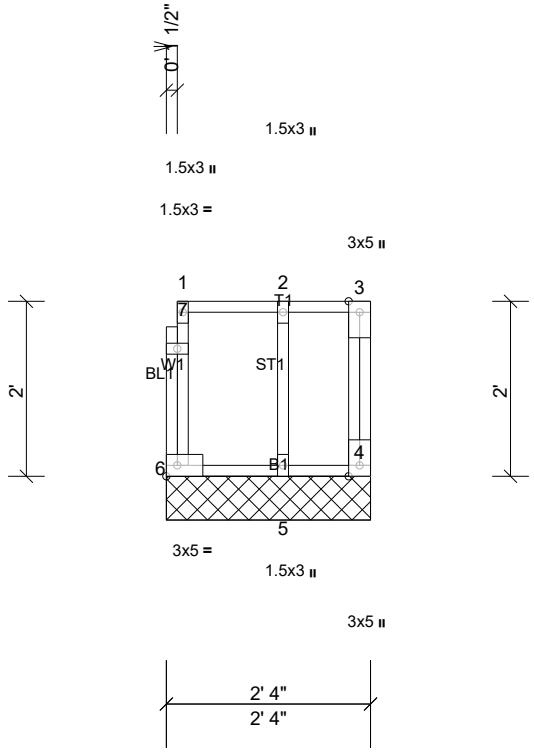
NOTES

1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 7-10=-8, 1-6=-80
   Concentrated Loads (lb)
   Vert: 1=-669, 6=-669, 4=-1, 11=-1

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	FW02	Floor Supported Gable	1	1	Job Reference (optional)



Scale = 1:26.3

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MR							Weight: 20 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

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

REACTIONS (lb/size) 4=47/2' 4", (min. 0' 1 1/2"), 5=117/2' 4", (min. 0' 1 1/2"), 6=59/2' 4", (min. 0' 1 1/2")

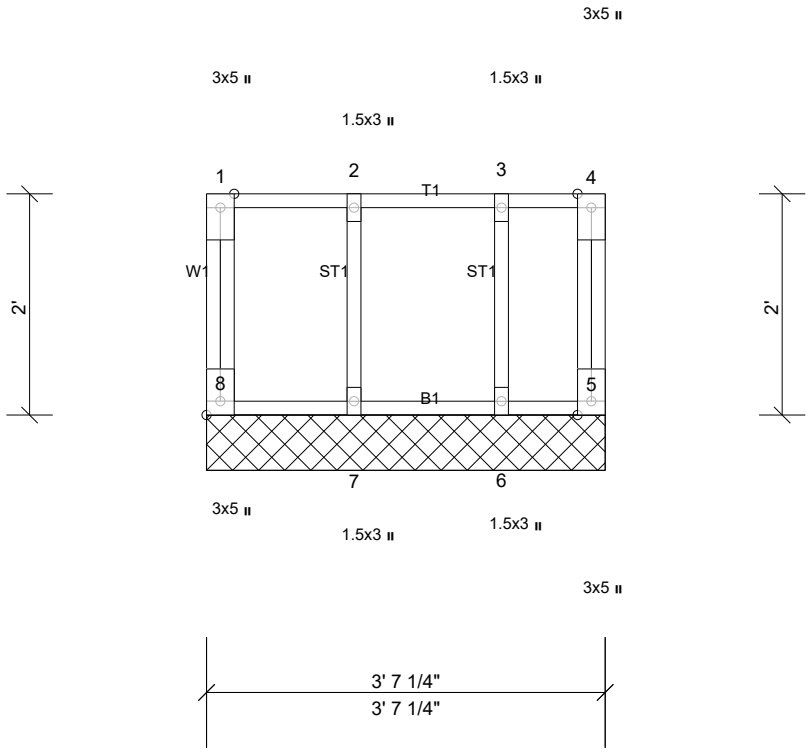
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Gable requires continuous bottom chord bearing.
2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
3) Gable studs spaced at 1-4-0 oc.
4) 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.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	FW03	Floor Supported Gable	1	1	Job Reference (optional)



Scale = 1:20.8

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

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MR							Weight: 26 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-7-4 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

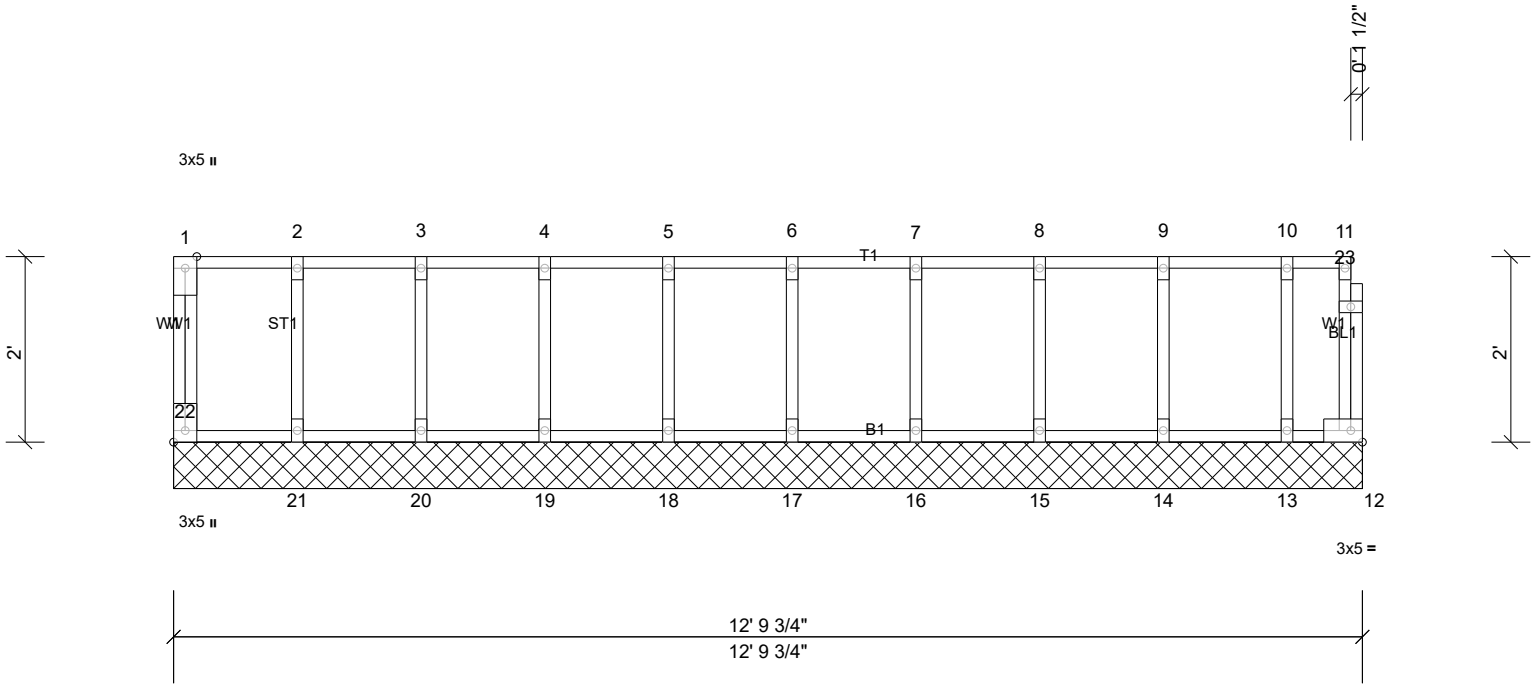
REACTIONS All bearings 3' 7 1/4".
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 5, 6, 7, 8

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

NOTES
1) Gable requires continuous bottom chord bearing.
2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
3) Gable studs spaced at 1-4-0 oc.
4) 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.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	FW12	Floor Supported Gable	1	1	Job Reference (optional)



Scale = 1:24.8

Plate Offsets (X, Y): [22:Edge,0' 1 1/2"]

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.04	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2018/TPI2014	Matrix-MR							Weight: 71 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

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

REACTIONS All bearings 12' 9 3/4".
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

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

NOTES

1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) 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.
6) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 12-22=-10, 1-11=-100
   Concentrated Loads (lb)
   Vert: 1=-39, 11=-39, 7=-46, 10=-46

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	G1	Roof Special	2	1	Job Reference (optional)

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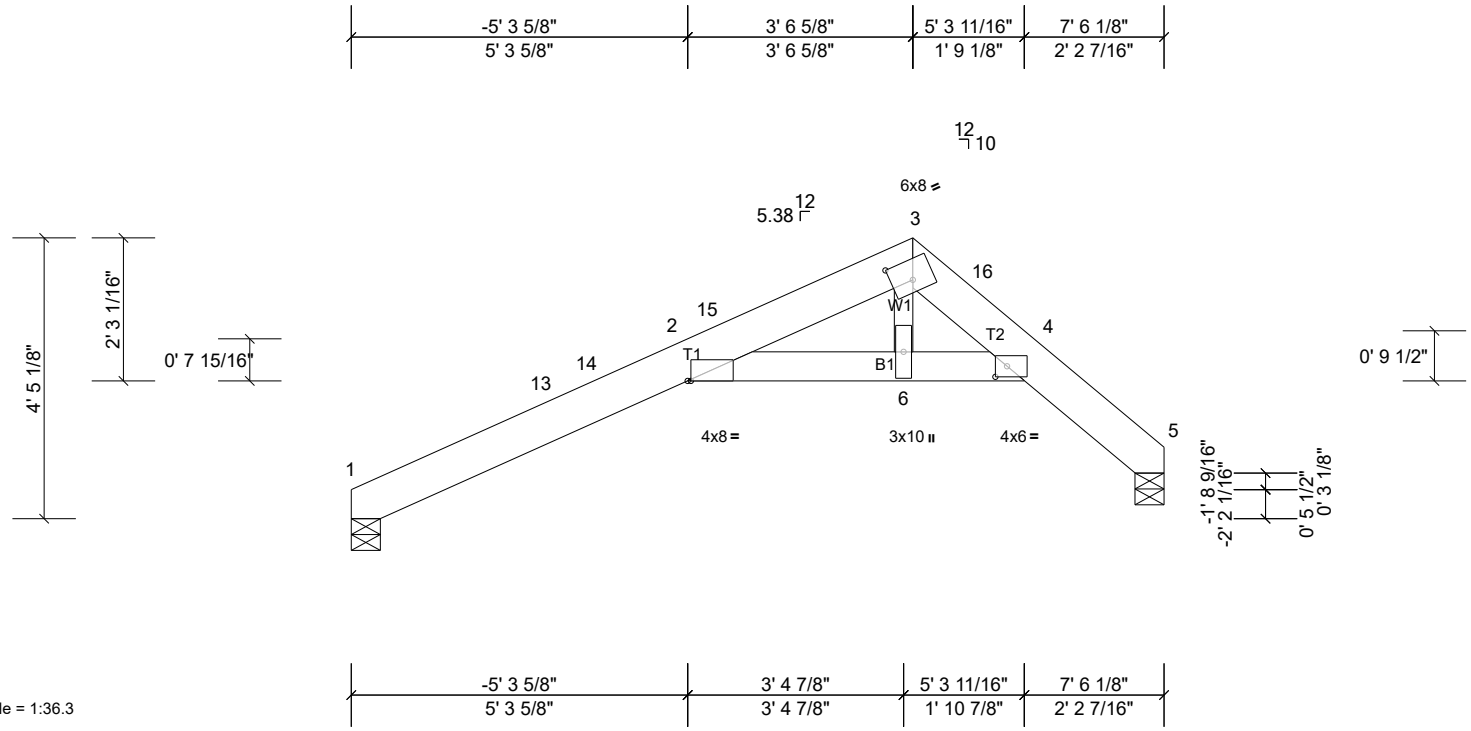

Scale = 1:36.3

Plate Offsets (X, Y): [2:0' 5/8",Edge], [3:0' 4",0' 3 3/4"], [4:0' 2 3/16",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	0.45	Vert(LL)	-0.17	7	>852	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.68	Vert(CT)	-0.32	7	>465	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.24	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 61 lb	FT = 20%

LUMBER

TOP CHORD	2x8 SP 2400F 2.0E
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.
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=515/0' 5 1/2", (min. 0' 1 1/2"), 5=517/0' 5 1/2", (min. 0' 1 9/16")
Max Horiz 1=100 (LC 11)
Max Uplift 1=-47 (LC 14), 5=-24 (LC 14)
Max Grav 1=571 (LC 21), 5=578 (LC 22)

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

TOP CHORD	2-15=-1584/572, 2-15=-1559/580, 2-3=-1031/431, 3-16=-1127/483, 4-16=-1137/475, 4-5=-353/195
BOT CHORD	2-6=-466/1457, 4-6=-248/971
WEBS	3-6=-209/598

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 3-2-12, Interior (1) 3-2-12 to 5-10-4, Exterior(2R) 5-10-4 to 9-7-0, Exterior(2E) 9-7-0 to 12-7-0 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 a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 1, 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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	G2	Roof Special Girder	1	**2**	Job Reference (optional)

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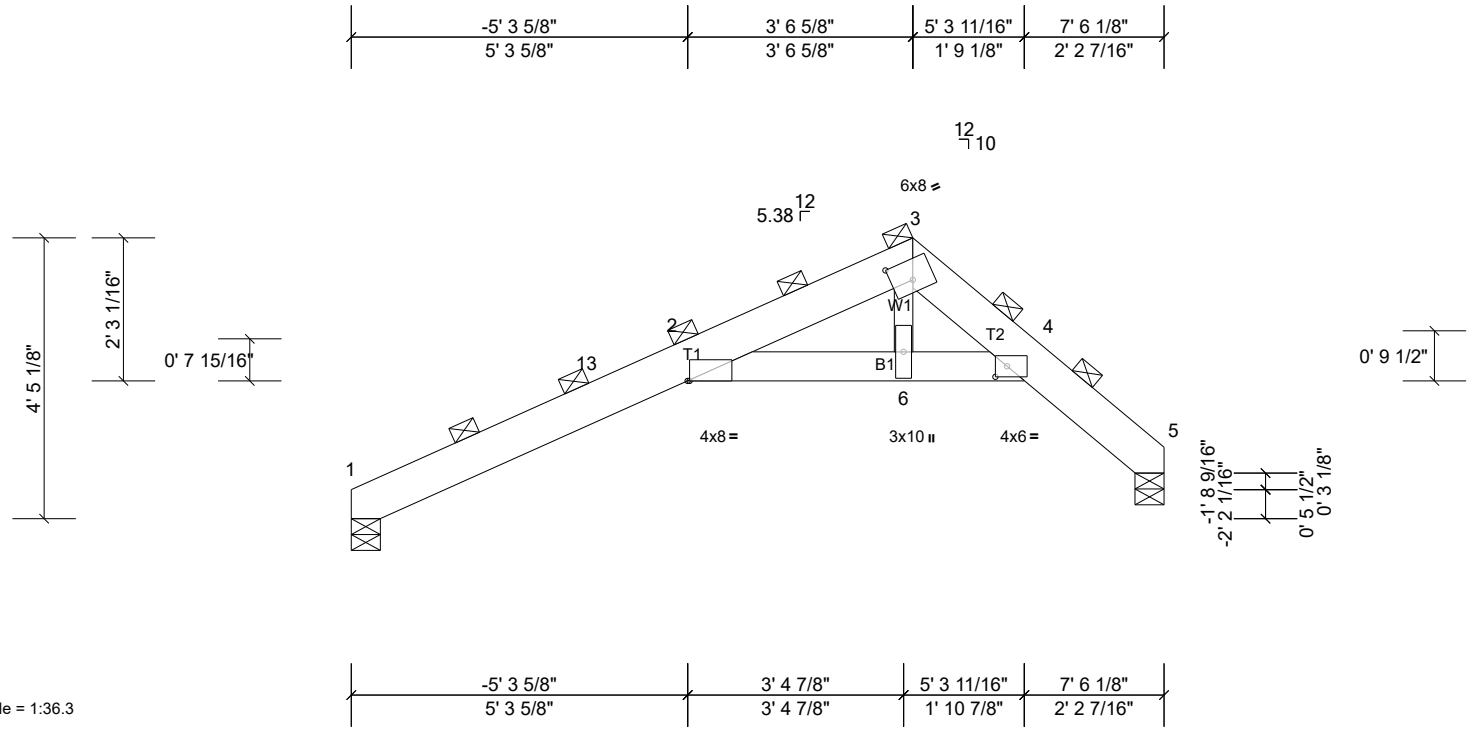

Scale = 1:36.3

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

Loading	(psf)	**Spacing**	4' 6"	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	-0.20	7	>741	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.37	7	>404	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.27	Horz(CT)	0.28	5	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 122 lb	FT = 20%

LUMBER

TOP CHORD	2x8 SP 2400F 2.0E
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.) (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=1159/0' 5 1/2", (min. 0' 1 1/2"), 5=1164/0' 5 1/2", (min. 0' 1 7/8")
Max Horiz 1=224 (LC 9)
Max Uplift 1=-105 (LC 12), 5=-55 (LC 12)
Max Grav 1=1285 (LC 19), 5=1301 (LC 20)

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

TOP CHORD	1-13=-491/146, 2-3=-3093/215, 3-4=-2530/239, 4-5=-795/114
BOT CHORD	2-6=-212/3159, 4-6=-60/2182
WEBS	3-6=-65/1292

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x8 - 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) 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 a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 1, 5 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) 1 and 5. 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	GR1	Flat Girder	1	3	Job Reference (optional)

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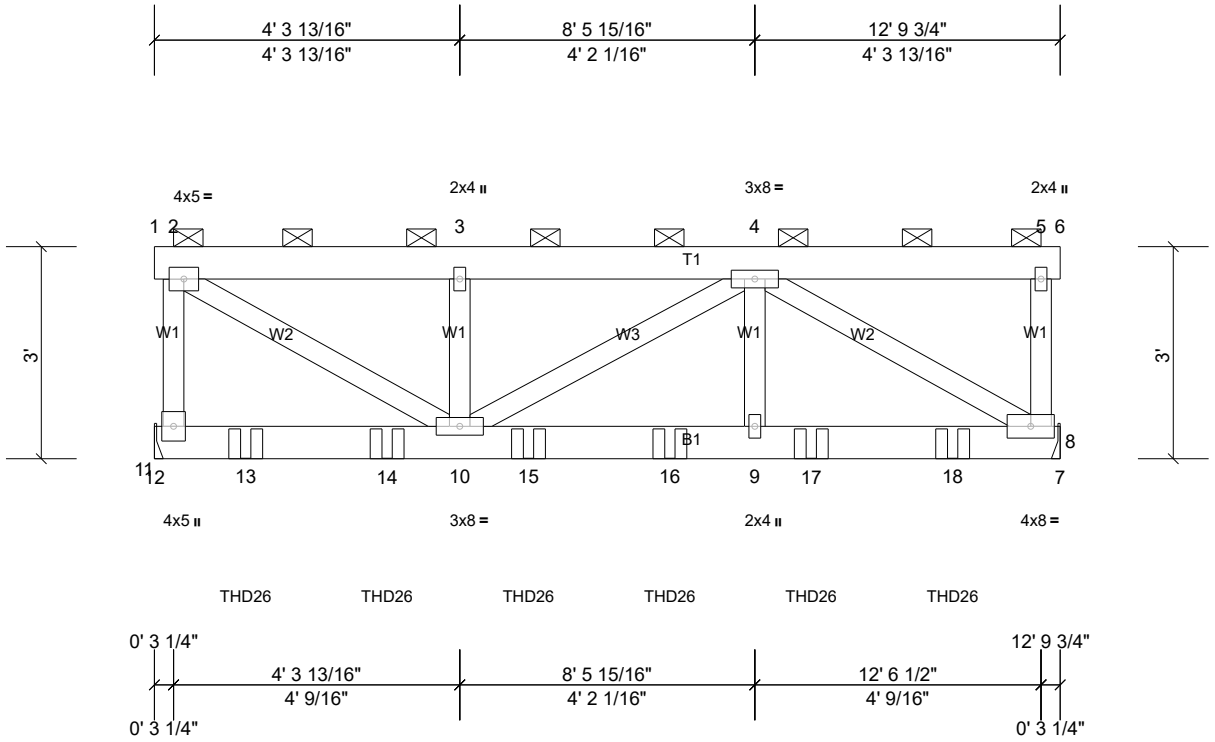

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	0.03	9-10	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.03	9-10	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.37	Horz(CT)	0.01	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 275 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 (6-0-0 max.): 1-6, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=2001/ Mechanical, (min. 0' 1 1/2"), 11=2058/ Mechanical, (min. 0' 1 1/2")
Max Uplift 8=-1284 (LC 9), 11=-1330 (LC 8)
Max Grav 8=2072 (LC 21), 11=2135 (LC 22)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-1580/1000, 2-3=-2435/1526, 3-4=-2435/1526
BOT CHORD 10-15=-1521/2427, 15-16=-1521/2427, 9-16=-1521/2427, 9-17=-1521/2427, 17-18=-1521/2427, 8-18=-1521/2427
WEBS 2-10=-1743/2782, 4-9=-837/1374, 4-8=-2773/1738

NOTES

1) 3-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.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1330 lb uplift at joint 11 and 1284 lb uplift at joint 8.
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 THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-3-8 from the left end to 11-3-8 to connect truss(es) J05 (1 ply 2x6 SP) to back face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.

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

Continued on page 2

Vert: 1-2=-60, 2-5=-60, 5-6=-60, 7-12=-20

Concentrated Loads (lb)

Vert: 13=-506, 14=-506, 15=-506, 16=-506, 17=-506, 18=-506

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	GR2	Flat Girder	1	2	Job Reference (optional)

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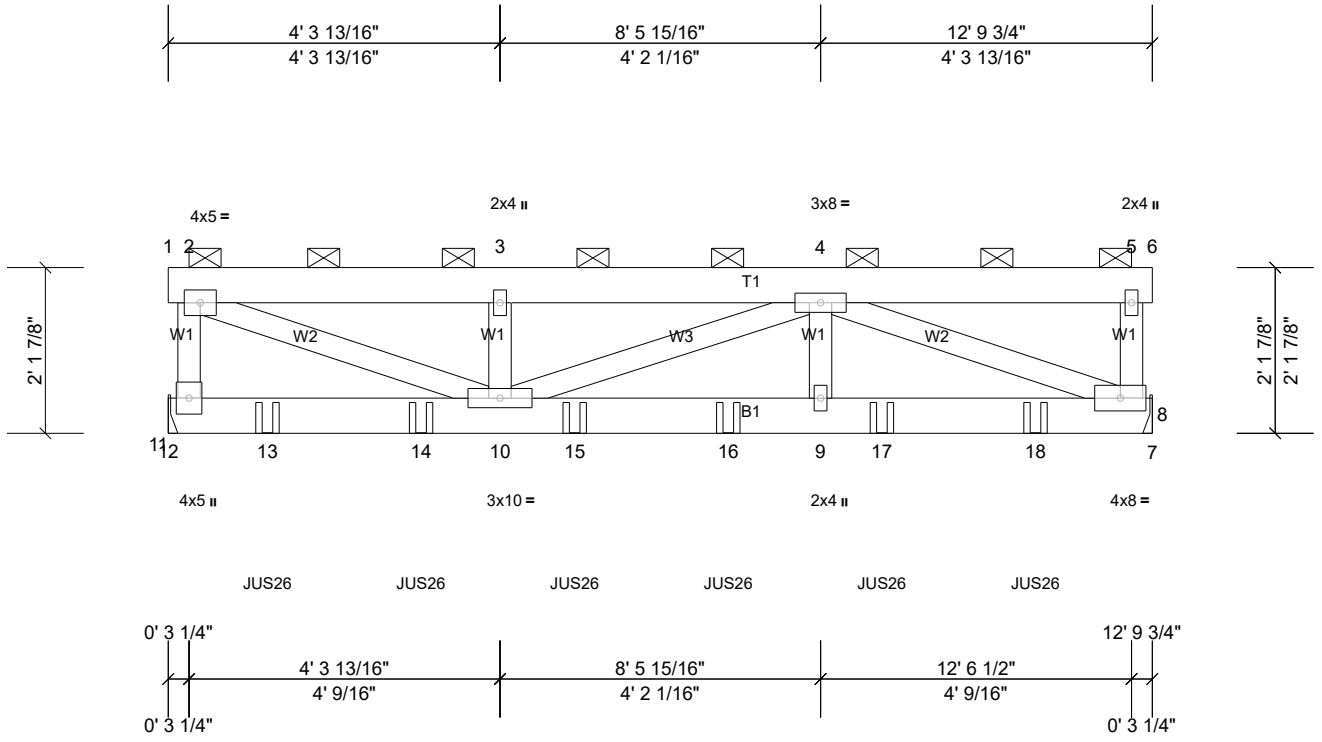

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.04	9-10	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.34	Vert(CT)	-0.06	9-10	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.50	Horz(CT)	0.01	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 170 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 (6-0-0 max.): 1-6, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=1411/ Mechanical, (min. 0' 1 1/2"), 11=1445/ Mechanical, (min. 0' 1 1/2")

Max Uplift 8=-307 (LC 9), 11=-316 (LC 8)

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

TOP CHORD 2-11=-1105/265, 2-3=-2358/521, 3-4=-2358/521

BOT CHORD 10-15=-522/2357, 15-16=-522/2357, 9-16=-522/2357, 9-17=-522/2357, 17-18=-522/2357, 8-18=-522/2357

WEBS 2-10=-532/2410, 4-9=-110/723, 4-8=-2411/534

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.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 316 lb uplift at joint 11 and 307 lb uplift at joint 8.
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 1-3-8 from the left end to 11-3-8 to connect truss(es) J05 (1 ply 2x6 SP) to back face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-5=-60, 5-6=-60, 7-12=-20

Continued on page 2

Concentrated Loads (lb)
Vert: 13=-305, 14=-305, 15=-305, 16=-305, 17=-305, 18=-305

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	GR3	Flat Girder	1	2	Job Reference (optional)

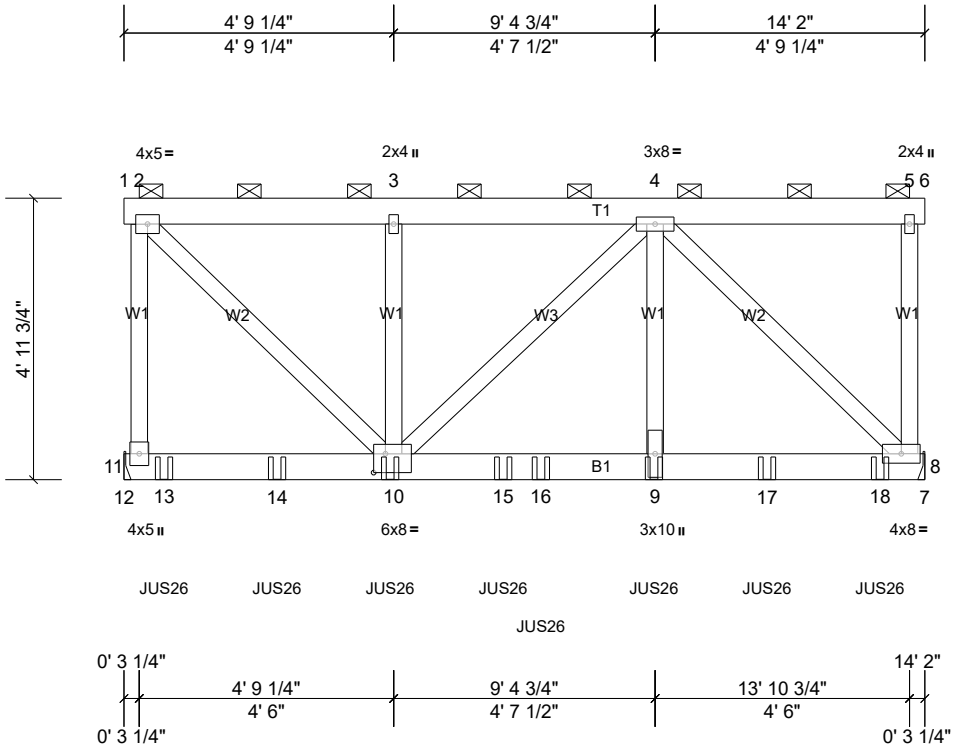

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Plate Offsets (X, Y): [10:0' 2 1/2",0' 4"]

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	0.34	Vert(LL)	-0.04	9-10	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.08	9-10	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.01	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 233 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 (6-0-0 max.): 1-6, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=3145/ Mechanical, (min. 0' 1 1/2"), 11=3169/ Mechanical, (min. 0' 1 1/2")
Max Uplift 8=-533 (LC 9), 11=-537 (LC 8)
Max Grav 8=3393 (LC 4), 11=3421 (LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-2522/431, 2-3=-2413/380, 3-4=-2413/380
BOT CHORD 10-15=-381/2407, 15-16=-381/2407, 9-16=-381/2407, 9-17=-381/2407, 17-18=-381/2407, 8-18=-381/2407
WEBS 2-10=-531/3371, 3-10=-258/128, 4-9=-262/2172, 4-8=-3361/532

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.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 537 lb uplift at joint 11 and 533 lb uplift at joint 8.
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 0-8-8 from the left end to 13-4-8 to connect truss(es) D1 (1 ply 2x6 SP) to back face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.

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

Continued on page 2

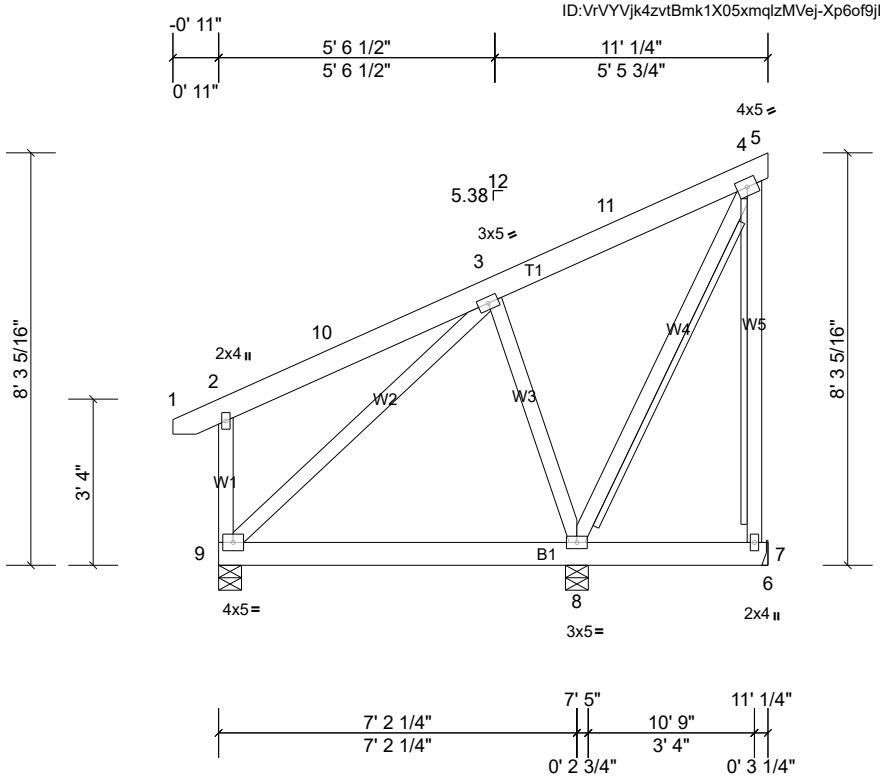
Uniform Loads (lb/ft)

Vert: 1-2=-58, 2-5=-58, 5-6=-58, 7-12=-19

Concentrated Loads (lb)

Vert: 10=-651, 9=-651, 13=-654, 14=-651, 15=-651, 16=-651, 17=-651, 18=-653

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	H1	Monopitch	2	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	0.24	Vert(LL)	-0.02	8-9	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.04	8-9	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 101 lb	FT = 20%

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) 7=110/ Mechanical, (min. 0' 1 1/2"), 8=504/0' 5 1/2", (min. 0' 1 1/2"), 9=306/0' 5 1/2", (min. 0' 1 1/2")
Max Horiz 9=178 (LC 11)
Max Uplift 7=-78 (LC 14), 8=-119 (LC 14)
Max Grav 7=171 (LC 21), 8=626 (LC 21), 9=309 (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 T-Brace: 2x4 SPF No.2 - 4-7, 4-8
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.
WEBS 3-8=-413/332

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) -0-8-3 to 2-3-13, Interior (1) 2-3-13 to 8-0-4, Exterior(2E) 8-0-4 to 11-0-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 78 lb uplift at joint 7.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 8. 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) 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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	H2	Jack-Closed Girder	1	2	Job Reference (optional)

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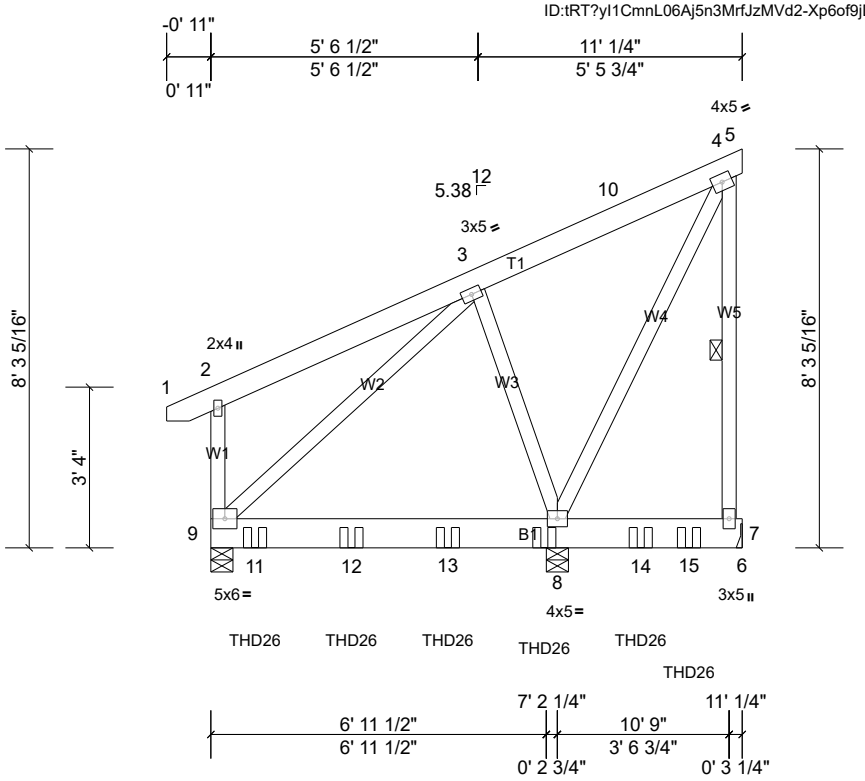

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Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	-0.05	8-9	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.49	Vert(CT)	-0.11	8-9	>797	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.06	Horz(CT)	n/a	-	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 216 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.3

REACTIONS (lb/size) 7=780/ Mechanical, (min. 0' 1 1/2"), 8=4648/0' 5 1/2", (min. 0' 4 5/8"), 9=1996/0' 5 1/2", (min. 0' 1 15/16")
Max Horiz 9=171 (LC 9)
Max Grav 7=1013 (LC 5), 8=5907 (LC 26), 9=2479 (LC 26)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-8=-432/212

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

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: 2x8 - 3 rows staggered at 0' 8" 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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); 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) 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) 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) Use MiTek THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-11-0 from the left end to 9-11-0 to connect truss(es) C3 (1 ply 2x6 SP), C4 (1 ply 2x6 SP) to front face of bottom chord.
12) 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, 2-4=-60, 4-5=-60, 6-9=-20
Concentrated Loads (lb)
Vert: 8=-1058, 11=-1112, 12=-1109, 13=-1109, 14=-1058, 15=-1058

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	J05	Jack-Closed	6	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:14 — Page: 1

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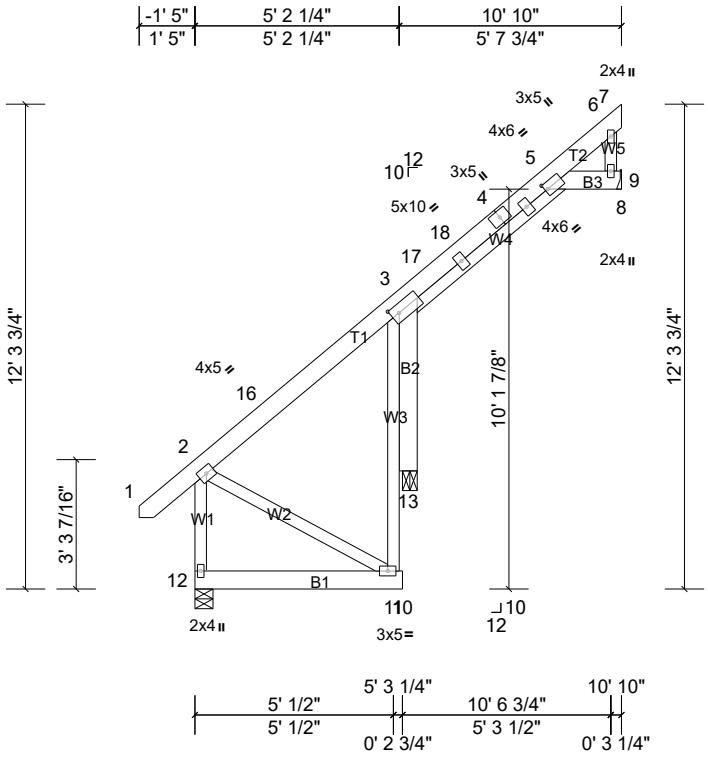


Scale = 1:58.5

Plate Offsets (X, Y): [3:0' 2 7/16",0' 2 1/2"], [5:0' 13/16",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	0.26	Vert(LL)	-0.01	5-14	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	-0.02	5-14	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	-0.04	13	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 95 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 9=192/ Mechanical, (min. 0' 1 1/2"), 12=269/0' 5 1/2", (min. 0' 1 1/2"), 13=437/0' 4 1/2", (min. 0' 1 1/2")
Max Horiz 12=291 (LC 14)
Max Uplift 9=-65 (LC 16), 12=-8 (LC 12), 13=-397 (LC 14)
Max Grav 9=325 (LC 21), 12=322 (LC 26), 13=547 (LC 28)

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

TOP CHORD	2-12=-385/133, 2-16=-388/156, 3-16=-353/201
BOT CHORD	11-12=-481/210, 3-13=-547/558
WEBS	2-11=-233/546

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 3-13.

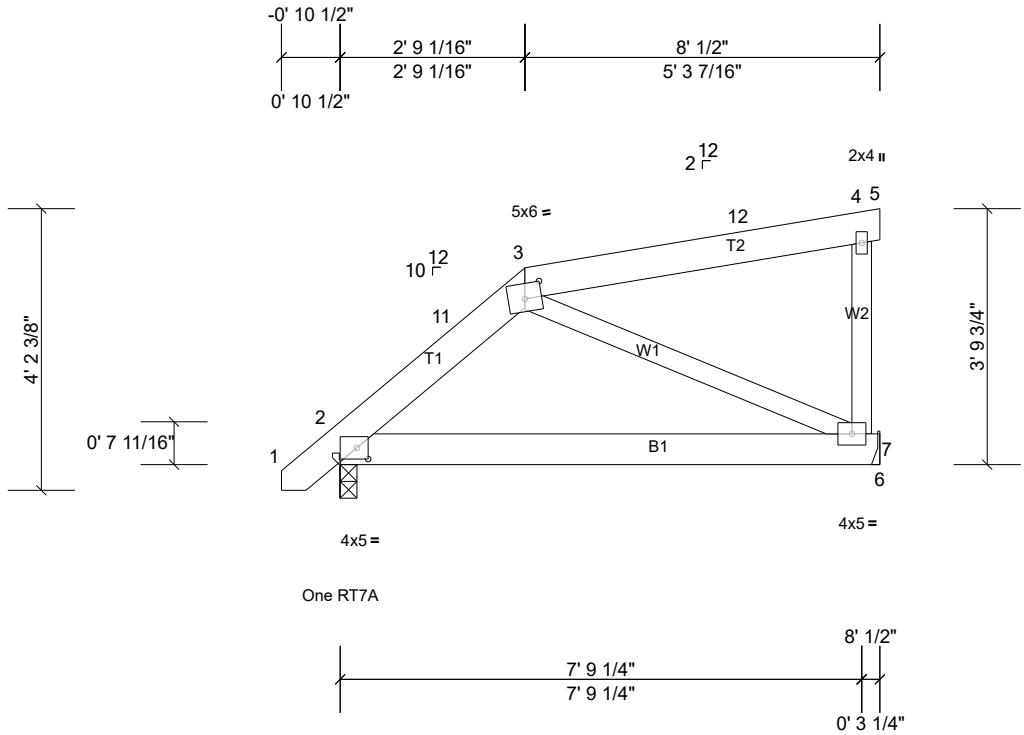
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

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) -1-2-13 to 1-9-3, Interior (1) 1-9-3 to 6-7-1, Exterior(2R) 6-7-1 to 10-10-0 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); 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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 65 lb uplift at joint 9.
10) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 12 and 13. 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	J08	Jack-Closed	11	1	Job Reference (optional)



One RT7A

Scale = 1:34.3

Plate Offsets (X, Y): [2:0' 2",0' 2"], [3:0' 3",0' 2 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	0.28	Vert(LL)	0.09	7-10	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	0.07	7-10	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	2	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 55 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.
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=354/0' 3", (min. 0' 1 1/2"), 7=331/ Mechanical, (min. 0' 1 1/2")
Max Horiz 2=133 (LC 14)
Max Uplift 2=-45 (LC 11), 7=-111 (LC 10)
Max Grav 2=361 (LC 21), 7=334 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-271/442
BOT CHORD 2-7=-368/198
WEBS 3-7=-221/410

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 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) 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 7.
9) 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.
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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	J08A	Jack-Partial Structural Gable	2	1	Job Reference (optional)

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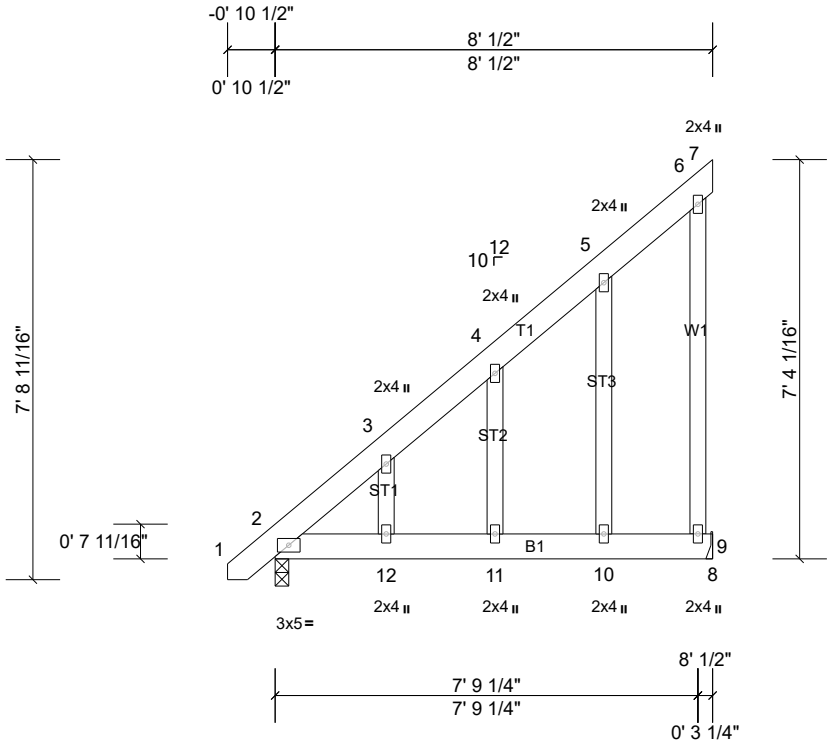

Scale = 1:42.4

Loading	(psf)	Spacing	2'	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.36	Vert(LL)	0.17	11	>565	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.16	11	>583	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.01	2	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 69 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

REACTIONS (lb/size) 2=354/0' 3", (min. 0' 1 1/2"), 9=331/ Mechanical, (min. 0' 1 1/2")
Max Horiz 2=244 (LC 14)
Max Uplift 9=-124 (LC 14)
Max Grav 2=395 (LC 21), 9=474 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-263/116, 6-9=-251/226

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.

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) -0-8-5 to 2-0-8, Interior (1) 2-0-8 to 3-9-9, Exterior(2R) 3-9-9 to 8-0-8 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
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) 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) All plates are 2x4 MT20 unless otherwise indicated.
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) Refer to girder(s) for truss to truss connections.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 9.
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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	J08B	Jack-Closed Supported Gable	2	1	Job Reference (optional)

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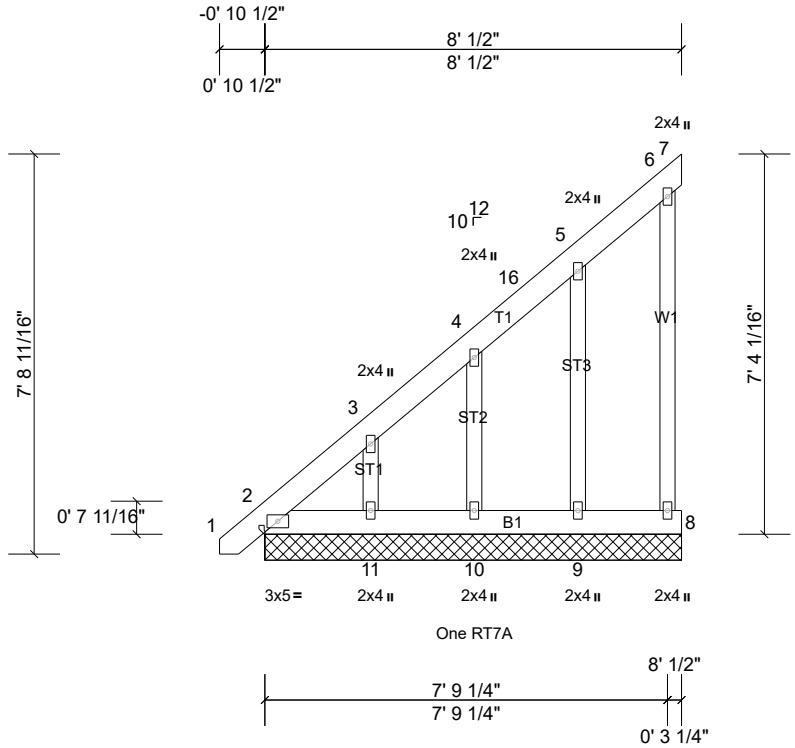

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Loading	(psf)	Spacing	1' 11 1/4"	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.10	Horz(CT)	n/a	-	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 69 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 10-0-0 oc bracing.

REACTIONS All bearings 8' 1/2".
(lb) - Max Horiz 2=255 (LC 14), 12=255 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 8, 9, 10, 11, 12
Max Grav All reactions 250 (lb) or less at joint(s) 2, 8, 9, 10, 11, 12

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-448/213, 3-4=-323/150

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 Corner(3E) -0-8-5 to 2-0-8, Exterior(2N) 2-0-8 to 5-0-8, Corner(3E) 5-0-8 to 8-0-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) 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) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 8, 9, 10, and 11. 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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	J08C	Jack-Closed	7	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.5 S 0 Apr 2 2021 Print: 8.500 S Apr 2 2021 MiTek Industries, Inc. Wed Apr 28 05:55:15 — Page: 1

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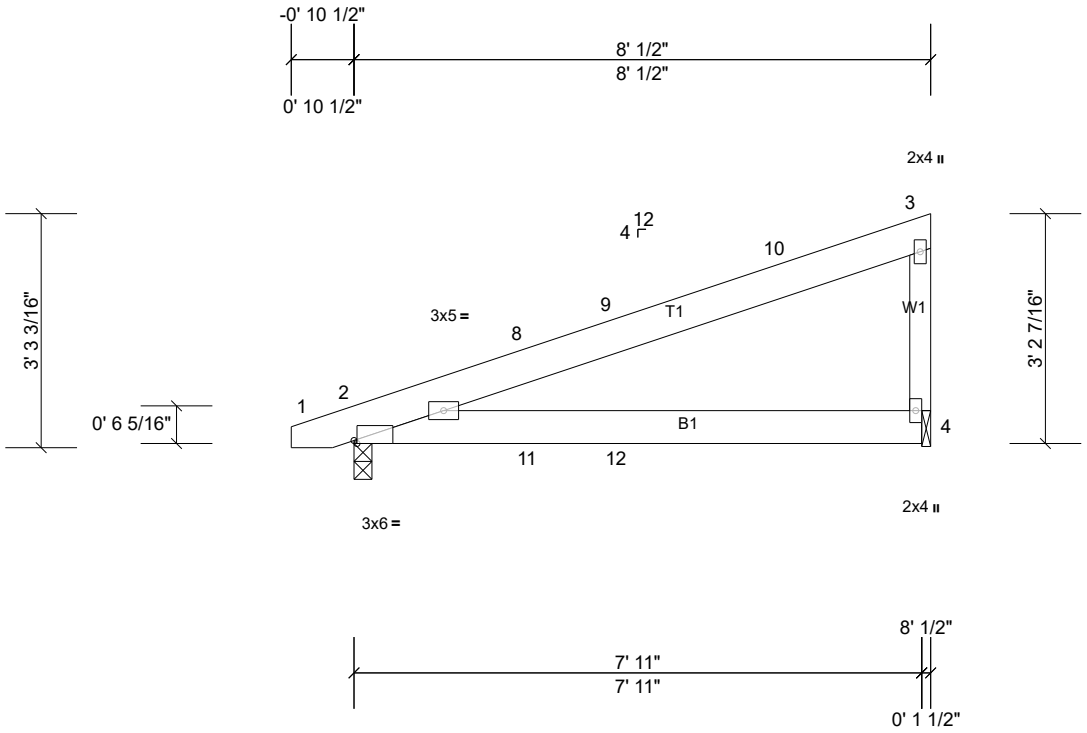


Scale = 1:32.1

Plate Offsets (X, Y): [2:0' 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	0.57	Vert(LL)	0.16	4-7	>585	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.47	Vert(CT)	-0.14	4-7	>667	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: 44 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 2=352/0' 3", (min. 0' 1 1/2"), 4=315/0' 1 1/2", (min. 0' 1 1/2")
Max Horiz 2=106 (LC 10)
Max Uplift 2=-125 (LC 10), 4=-135 (LC 10)
Max Grav 2=433 (LC 21), 4=426 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-300/246
BOT CHORD 2-11=-311/222

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.

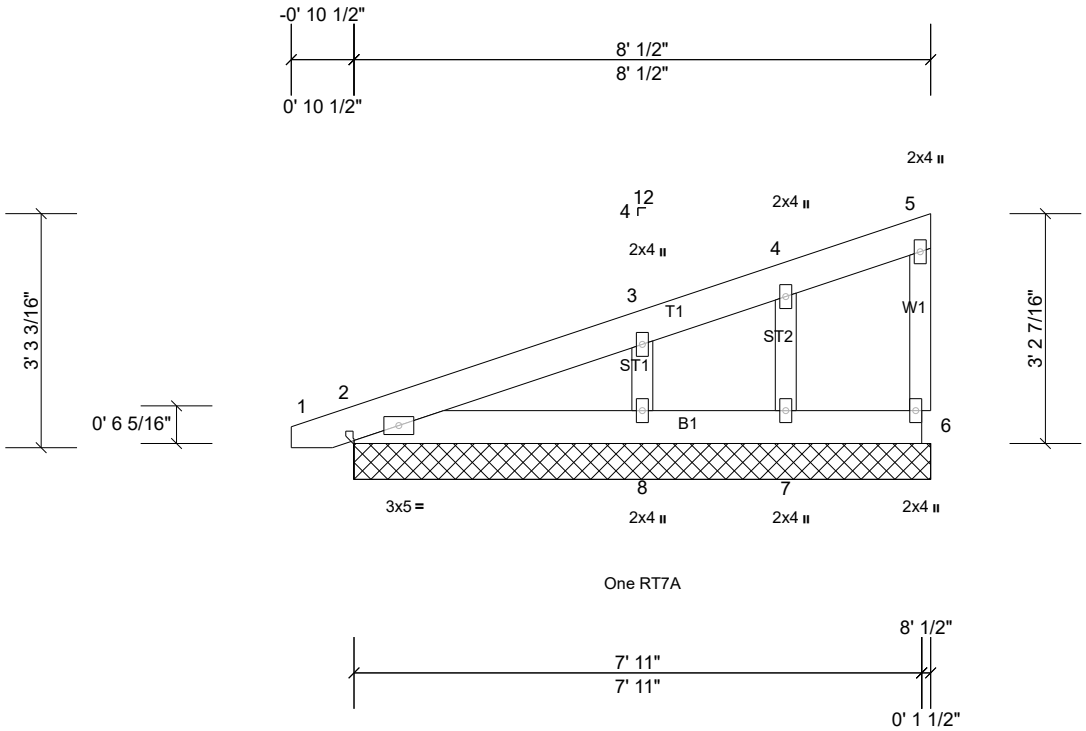
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

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) -0-7-1 to 2-4-15, Interior (1) 2-4-15 to 3-7-13, Exterior(2R) 3-7-13 to 7-10-12 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
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	1995 Peach Farm-ROOF TALL CEDAR
21030020-D	J08D	Jack-Closed Supported Gable	2	1	Job Reference (optional)



One RT7A

Scale = 1:32.1

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	0.09	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	n/a	-	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MP								
BCDL	10.0										Weight: 48 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 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' 1/2".
(lb) - Max Horiz 2=106 (LC 10), 9=106 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 7, 8, 9
Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 7, 9 except 8=423 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-8=-291/233

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 Corner(3E) -0-7-1 to 2-4-15, Exterior(2N) 2-4-15 to 4-10-12, Corner(3E) 4-10-12 to 7-10-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) 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) Gable requires continuous bottom chord bearing.
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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 6, 2, 8, and 7. 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.

LOAD CASE(S) Standard