

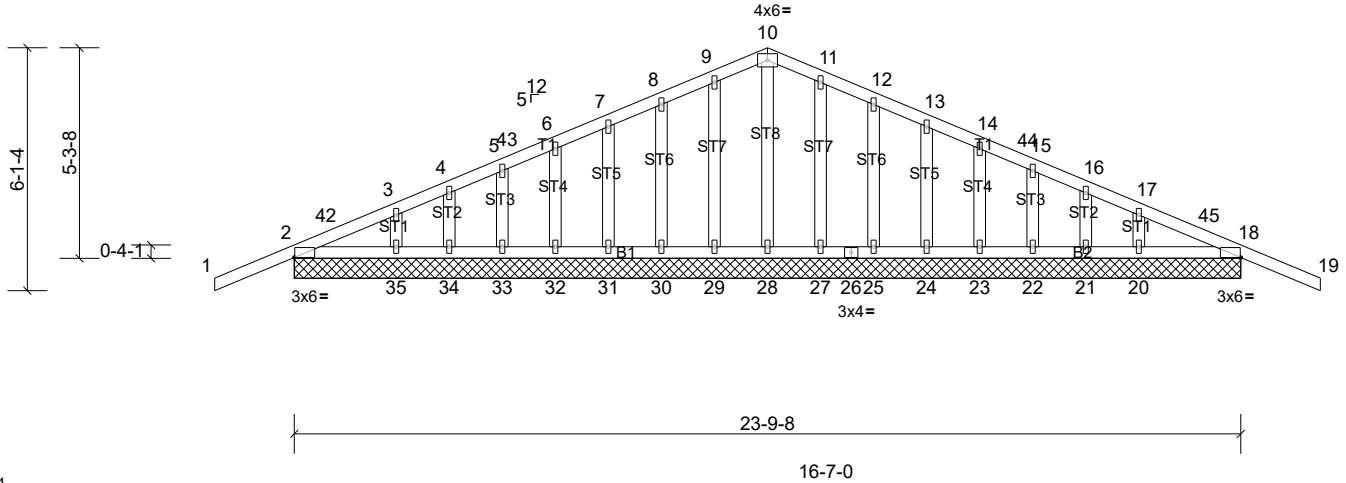
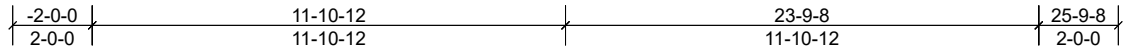
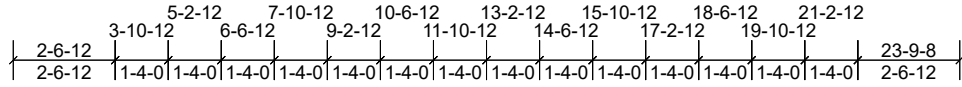
Job A	Truss A1	Truss Type Common Supported Gable	Qty 2	Ply 1	RJJ Holdings - Rankin Addition Job Reference (optional)
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PARR Truss Woodinville, Inc., Woodinville, WA, user

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Scale = 1:50.1

Plate Offsets (X, Y): [2:0-0-2,Edge], [18:0-0-2,Edge]

Loading	(psf)	Spacing	2-0-0	CSI	0.48	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL	25.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	n/a	-	n/a	999	MT20	185/148
(Roof Snow = 25.0)		Lumber DOL	1.15	BC	0.15	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	36	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-MS								
BCDL	10.0											
											Weight: 110 lb	FT = 20%

LUMBER
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
OTHERS 2x4 HF No.2

BRACING
TOP CHORD
BOT CHORD

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

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

REACTIONS All bearings 23-9-8.
(lb) - Max Horiz 2=53 (LC 12), 39=53 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 18, 20, 21, 22, 23, 24, 25, 27, 29, 30, 31, 32, 33, 34, 35, 36, 39
Max Grav All reactions 250 (lb) or less at joint(s) 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35 except 2=406 (LC 18), 18=406 (LC 18), 36=406 (LC 18), 39=406 (LC 18)

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

- NOTES**
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=5.5psf; BCDL=4.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 11-10-12, Corner(3R) 11-10-12 to 14-10-12, Exterior(2N) 14-10-12 to 25-9-8 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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; Pf=25.0 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00; IBC 1607.11.2 minimum roof live load applied where required.
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are 1.5x4 (||) MT20 unless otherwise indicated.
 - 7) Gable requires continuous bottom chord bearing.
 - 8) Gable studs spaced at 1-4-0 oc.
 - 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 29, 30, 31, 32, 33, 34, 35, 27, 25, 24, 23, 22, 21, 20, 2, 18, 2.
 - 12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 39.

LOAD CASE(S) Standard

Job A	Truss A2	Truss Type Common	Qty 22	Ply 1	RJJ Holdings - Rankin Addition Job Reference (optional)
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PARR Truss Woodinville, Inc., Woodinville, WA, user

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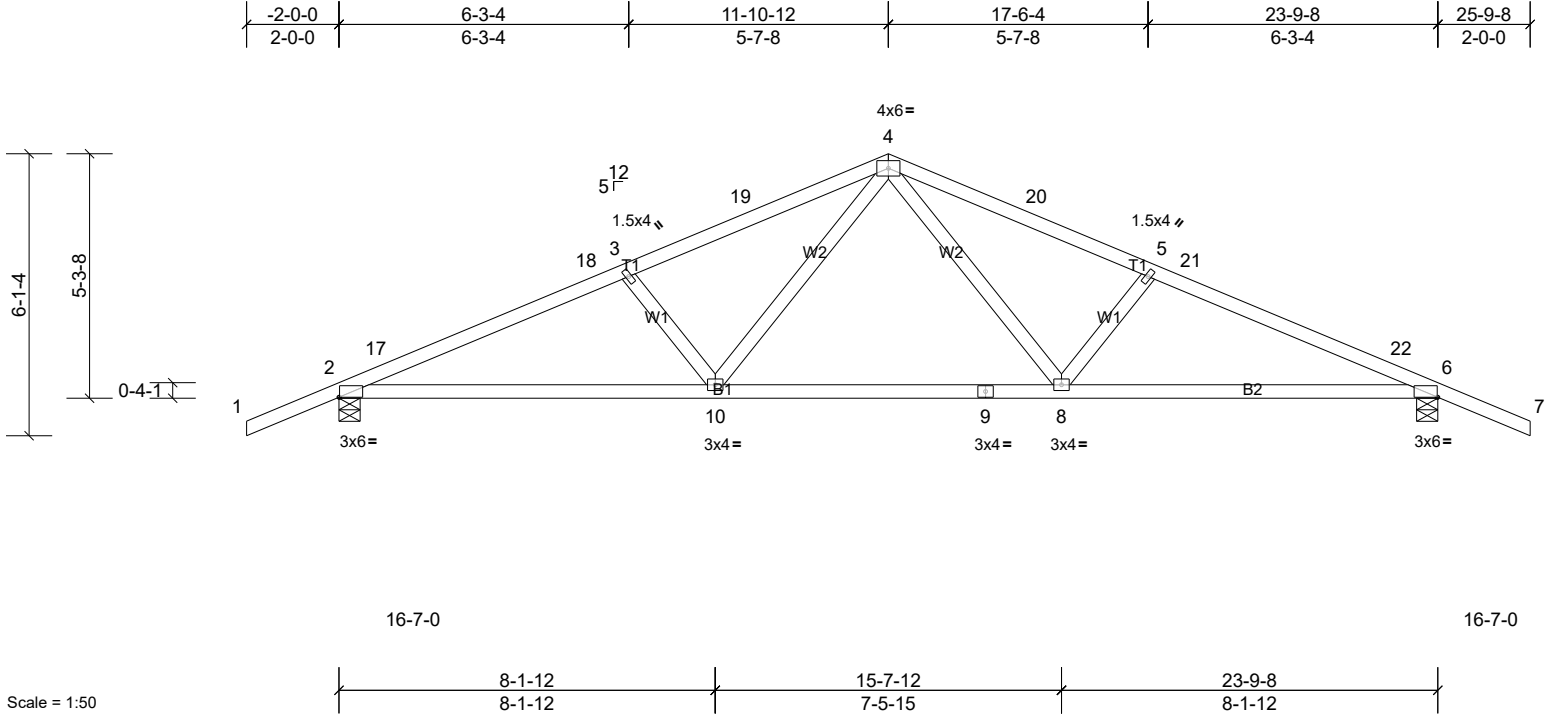


Plate Offsets (X, Y): [2:0-0-2,Edge], [6:0-0-2,Edge]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	25.0	Plate Grip DOL	1.15	TC	0.69	Vert(LL)	-0.11	8-16	>999	360	MT20	185/148
(Roof Snow = 25.0)		Lumber DOL	1.15	BC	0.61	Vert(CT)	-0.26	8-16	>999	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.07	6	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-MS		Wind(LL)	0.04	8-10	>999	240		
BCDL	10.0										Weight: 84 lb	FT = 20%

LUMBER
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF No.2

BRACING
TOP CHORD
BOT CHORD

Structural wood sheathing directly applied or 2-9-7 oc purlins.
Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1211/0-5-8, (min. 0-2-1), 6=1211/0-5-8, (min. 0-2-1)
Max Horiz 2=53 (LC 13)
Max Uplift 2=-60 (LC 14), 6=-60 (LC 14)
Max Grav 2=1258 (LC 19), 6=1258 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-2261/115, 17-18=-2246/136, 3-18=-2126/139, 3-19=-1960/126, 4-19=-1829/139, 4-20=-1829/139, 5-20=-1960/126,
5-21=-2126/139, 21-22=-2246/136, 6-22=-2261/115
BOT CHORD 2-10=-56/2035, 9-10=0/1260, 8-9=0/1260, 6-8=-69/2035
WEBS 4-8=-20/772, 5-8=-574/96, 4-10=-20/772, 3-10=-574/96

- NOTES**
- Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCCL=5.5psf; BCDL=4.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior (1) 1-0-0 to 11-10-12, Exterior(2R) 11-10-12 to 14-10-12, Interior (1) 14-10-12 to 25-9-8 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 60 lb uplift at joint 2 and 60 lb uplift at joint 6.

LOAD CASE(S) Standard

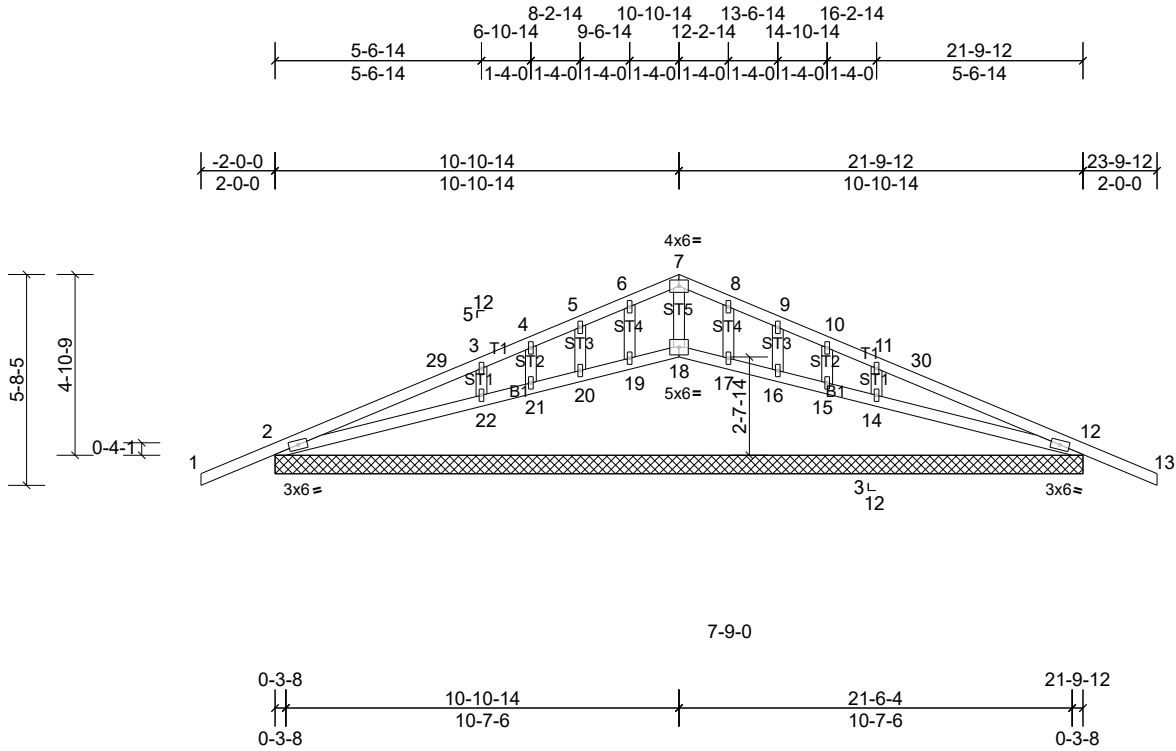
Job A	Truss B1	Truss Type Scissor Supported Gable	Qty 1	Ply 1	R/JJ Holdings - Rankin Addition Job Reference (optional)
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PARR Truss Woodinville, Inc., Woodinville, WA, user

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Scale = 1:50.6

Loading	(psf)	Spacing	2-0-0	CSI	0.48	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	25.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	n/a	-	n/a	999	MT20	185/148
(Roof Snow = 25.0)		Lumber DOL	1.15	BC	0.21	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	2	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 72 lb	FT = 20%

LUMBER
 TOP CHORD 2x4 HF No.2
 BOT CHORD 2x4 HF No.2
 OTHERS 2x4 HF No.2

BRACING
 TOP CHORD
 BOT CHORD

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

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

REACTIONS All bearings 21-9-12.
 (lb) - Max Horiz 2=49 (LC 13), 23=49 (LC 13)
 Max Uplift All uplift 100 (lb) or less at joint(s) 2, 12, 14, 16, 17, 19, 20, 22, 23, 26 except 15=-131 (LC 1), 21=-131 (LC 1)
 Max Grav All reactions 250 (lb) or less at joint(s) 15, 16, 17, 18, 19, 20, 21 except 2=390 (LC 18), 12=390 (LC 18), 14=597 (LC 20), 22=597 (LC 19), 23=390 (LC 18), 26=390 (LC 18)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-29=-106/262
 BOT CHORD 2-22=-290/110
 WEBS 3-22=-419/98, 11-14=-419/98

- NOTES**
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=5.5psf; BCDL=4.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3E) -2-0-0 to 1-2-14, Exterior(2N) 1-2-14 to 10-10-14, Corner(3R) 10-10-14 to 13-10-14, Exterior(2N) 13-10-14 to 23-9-12 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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; Pf=25.0 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00; IBC 1607.11.2 minimum roof live load applied where required.
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are 1.5x4 (||) MT20 unless otherwise indicated.
 - 7) Gable requires continuous bottom chord bearing.
 - 8) Gable studs spaced at 1-4-0 oc.
 - 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 12, 19, 20, 22, 17, 16, 14, 2, 12 except (jt=lb) 21=130, 15=130.
 - 12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 18, 12, 19, 20, 21, 22, 17, 16, 15, 14, 26.

LOAD CASE(S) Standard

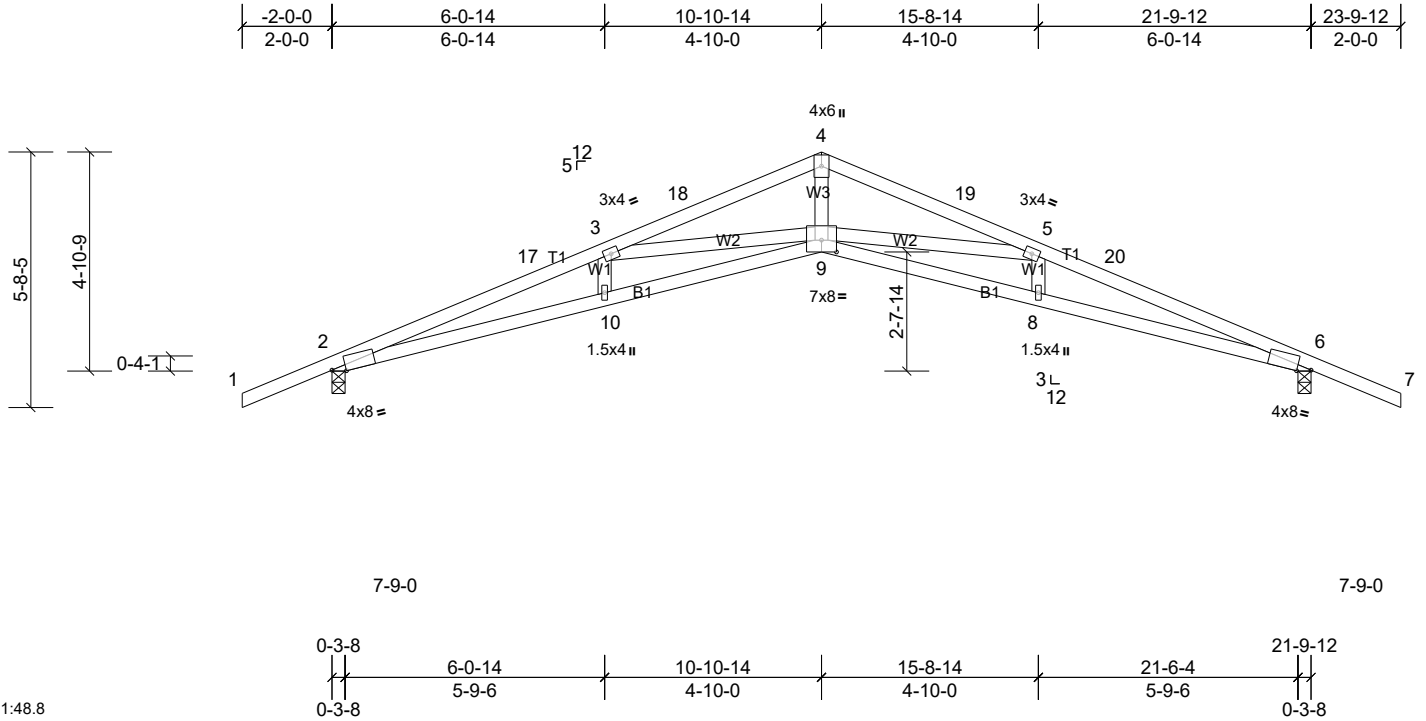
Job A	Truss B2	Truss Type Scissor	Qty 12	Ply 1	RJJ Holdings - Rankin Addition Job Reference (optional)
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Scale = 1:48.8

Plate Offsets (X, Y): [2:0-3-12,Edge], [6:0-3-12,Edge], [9:0-4-0,0-3-3]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	25.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	-0.38	9-10	>682	360	MT20	185/148
(Roof Snow = 25.0)		Lumber DOL	1.15	BC	0.73	Vert(CT)	-0.70	9-10	>375	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.43	6	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-MS		Wind(LL)	0.14	9-10	>999	240		
BCDL	10.0										Weight: 78 lb	FT = 20%

LUMBER
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 DF No.1&Btr
WEBS 2x4 HF No.2

BRACING
TOP CHORD
BOT CHORD

Structural wood sheathing directly applied or 2-2-0 oc purlins.
Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 2=1122/0-3-8, (min. 0-1-8), 6=1122/0-3-8, (min. 0-1-8)
Max Horiz 2=49 (LC 13)
Max Uplift 2=-58 (LC 14), 6=-58 (LC 14)
Max Grav 2=1181 (LC 19), 6=1181 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-4421/176, 3-17=-4332/187, 3-18=-3046/112, 4-18=-2983/125, 4-19=-2983/121, 5-19=-3046/109, 5-20=-4332/206,
6-20=-4421/195
BOT CHORD 2-10=-105/4143, 9-10=-106/4158, 8-9=-138/4158, 6-8=-137/4143
WEBS 4-9=-18/1945, 5-9=-1313/131, 3-9=-1313/133

- NOTES**
- Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=5.5psf; BCDL=4.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -2-0-0 to 1-2-14, Interior (1) 1-2-14 to 10-10-14, Exterior(2R) 10-10-14 to 13-10-14, Interior (1) 13-10-14 to 23-9-12 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 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.
 - Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 58 lb uplift at joint 2 and 58 lb uplift at joint 6.

LOAD CASE(S) Standard