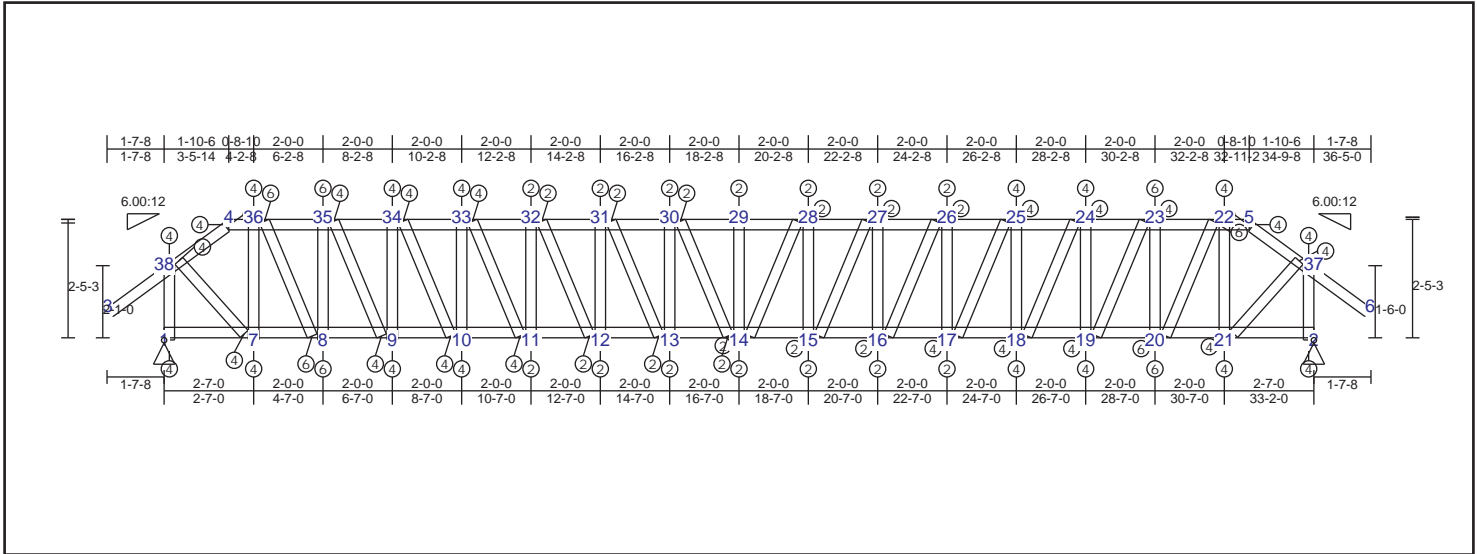


MAIN BUILDING ROOF PERSPECTIVE VIEW

TRUSS TA01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.48 (23 - 22)	TL(V): 0.22 in.	L / 999	(30-29)	L / 90
BC : 0.87 (1 - 7)	LL(V): 0.15 in.	L / 999	(30-29)	L / 90
Web : 0.29 (20 - 23)	DL(V): 0.07 in.	L / 999	(30-29)	L / 0
	Cant / OH TL: -0.02 in.	2L / 999	3	2L / 90
	Cant / OH LR: -0.02 in.	2L / 999	3	2L / 90
	Horiz TL: 0.02 in.		4	
	Web :			
	Snow/Wind -0.18 in.	L / 999	(30-29)	L / 90
	Cant (Snow/Wind) 0.01 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2750 lbs	1300 lbs	0 lbs	-800 lbs	2750 lbs
2	Pin		-2750 lbs	1300 lbs	0 lbs	-820 lbs	-2750 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-5-3	36-5-0

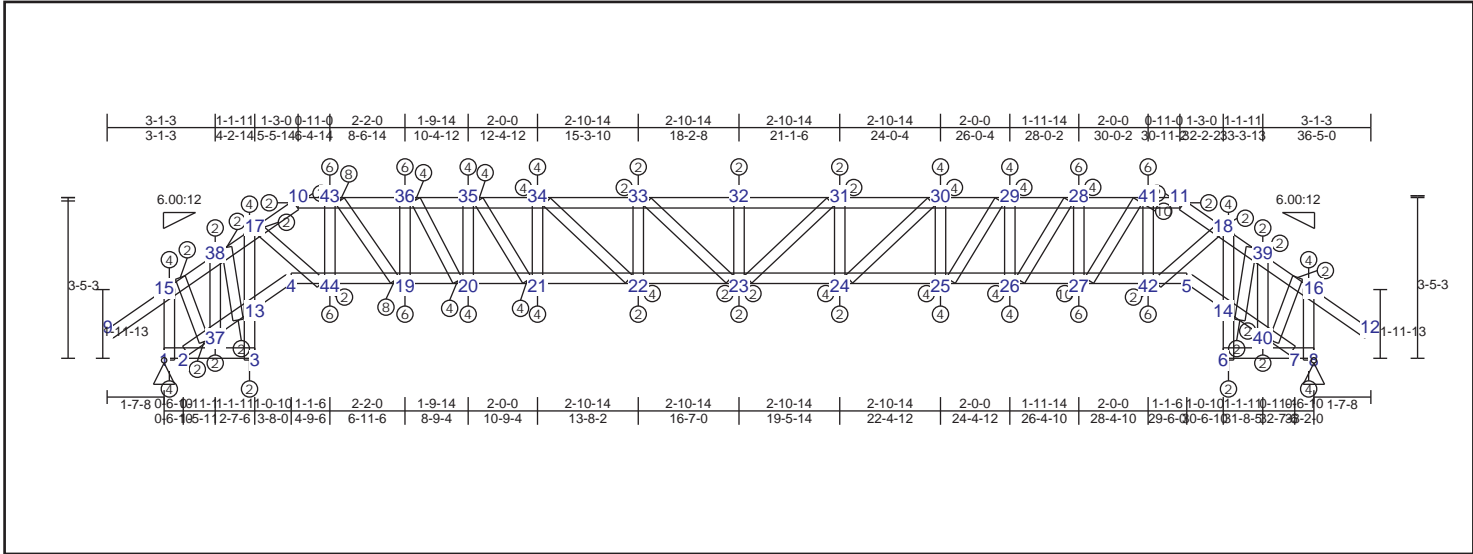
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-36	0.25	-1076 lbs	-1076 lbs	1-7	0.87	-2748 lbs	-2748 lbs	21-22	0.15	-905 lbs	-905 lbs
35-36	0.48	-2070 lbs	-2070 lbs	7-8	0.57	-1694 lbs	-1694 lbs	2-37	0.20	-1349 lbs	-1349 lbs
34-35	0.29	-2835 lbs	-2835 lbs	8-9	0.37	-700 lbs	-700 lbs	1-38	0.20	-1349 lbs	-1349 lbs
33-34	0.35	-3427 lbs	-3427 lbs	9-10	0.20	657 lbs	-382 lbs	20-23	0.29	-1742 lbs	-1742 lbs
32-33	0.38	-3898 lbs	-3898 lbs	10-11	0.22	1128 lbs	-653 lbs	14-29	0.02	-119 lbs	-119 lbs
31-32	0.39	-4232 lbs	-4232 lbs	11-12	0.28	1462 lbs	-844 lbs	15-28	0.04	-255 lbs	-255 lbs
30-31	0.39	-4433 lbs	-4433 lbs	12-13	0.31	1663 lbs	-958 lbs	13-30	0.04	-255 lbs	-255 lbs
29-30	0.39	-4486 lbs	-4486 lbs	13-14	0.31	1715 lbs	-986 lbs	10-33	0.15	-939 lbs	-939 lbs
28-29	0.39	-4486 lbs	-4486 lbs	14-15	0.31	1715 lbs	-986 lbs	9-34	0.18	-1104 lbs	-1104 lbs
27-28	0.39	-4433 lbs	-4433 lbs	15-16	0.31	1663 lbs	-954 lbs	8-35	0.29	-1742 lbs	-1742 lbs
26-27	0.39	-4232 lbs	-4232 lbs	16-17	0.28	1462 lbs	-835 lbs	7-36	0.15	-905 lbs	-905 lbs
25-26	0.38	-3898 lbs	-3898 lbs	17-18	0.21	1128 lbs	-638 lbs	11-32	0.12	-713 lbs	-713 lbs
24-25	0.35	-3427 lbs	-3427 lbs	18-19	0.20	657 lbs	-362 lbs	12-31	0.08	-497 lbs	-497 lbs
23-24	0.29	-2835 lbs	-2835 lbs	19-20	0.37	-700 lbs	-700 lbs	16-27	0.08	-497 lbs	-497 lbs
22-23	0.48	-2070 lbs	-2070 lbs	20-21	0.57	-1694 lbs	-1694 lbs	17-26	0.12	-713 lbs	-713 lbs
5-22	0.25	-1076 lbs	-1076 lbs	2-21	0.87	-2748 lbs	-2748 lbs	18-25	0.15	-939 lbs	-939 lbs
3-38	0.10	41 lbs	0 lbs					19-24	0.18	-1104 lbs	-1104 lbs
4-38	0.25	-1138 lbs	-1138 lbs					7-38	0.12	1326 lbs	-670 lbs
5-37	0.25	-1138 lbs	-1138 lbs					21-37	0.11	1326 lbs	-611 lbs
6-37	0.10	41 lbs	0 lbs					8-36	0.24	1913 lbs	-1121 lbs
								20-22	0.24	1913 lbs	-1142 lbs
								14-30	0.01	102 lbs	-52 lbs
								14-28	0.01	102 lbs	-62 lbs
								9-35	0.18	1473 lbs	-856 lbs
								10-34	0.14	1139 lbs	-656 lbs

TRUSS TA02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.63 (28 - 41)	TL(V): 0.28 in.	L / 999	(33-32)	L / 90
BC : 0.62 (4 - 44)	LL(V): 0.19 in.	L / 999	(33-32)	L / 90
Web : 0.31 (43 - 19)	DL(V): 0.09 in.	L / 999	(33-32)	L / 0
	Cant / OH TL: 0.19 in.	2L / 999	(33-32)	2L / 90
	Cant / OH LL: 0.19 in.	2L / 999	(33-32)	2L / 90
	Horiz TL: -0.02 in.		11	
	Web :			
	Snow/Wind -0.23 in.	L / 999	(33-32)	L / 90
	Cant (Snow/Wind) -0.23 in.	L / 999	(33-32)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2820 lbs	1770 lbs	0 lbs	-1040 lbs	2820 lbs
8	Pin		-2820 lbs	1770 lbs	0 lbs	-1020 lbs	-2820 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
35-3	36-5-0

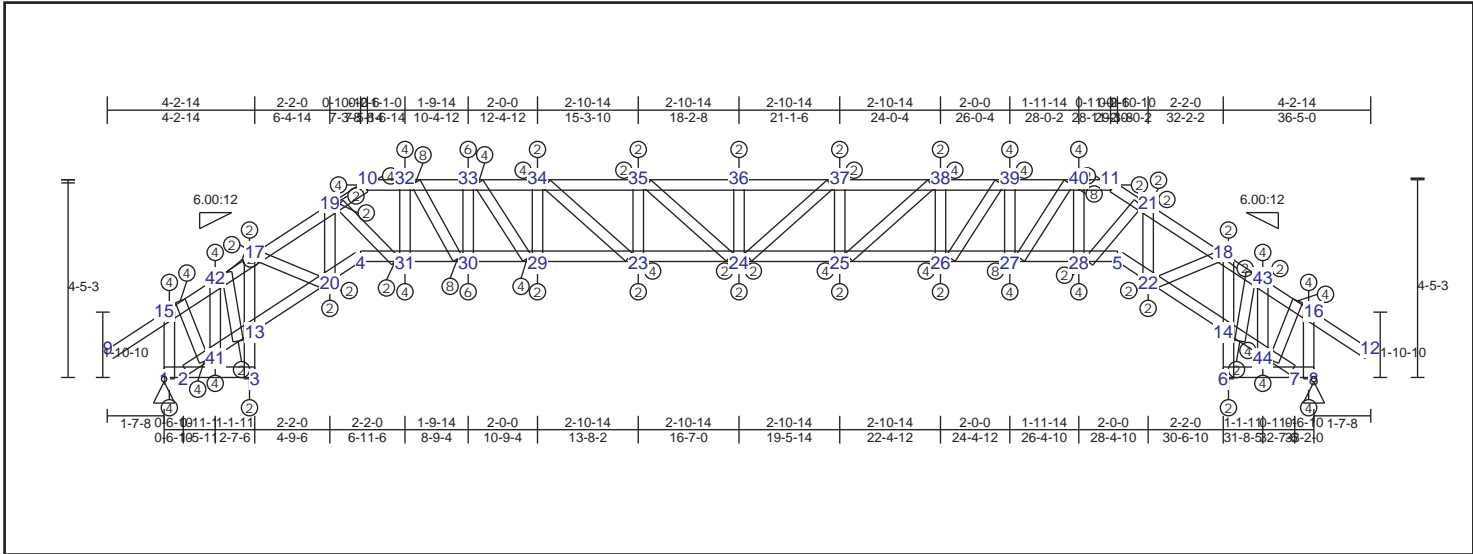
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web							
9-15	0.13	54 lbs	0 lbs	1-2	0.62	-2825 lbs	-2825 lbs	8-16	0.12	-822 lbs	-822 lbs	25-29	0.12	1292 lbs	-772 lbs
15-38	0.16	-354 lbs	-354 lbs	2-3	0.19	-101 lbs	-101 lbs	6-14	0.05	-214 lbs	-214 lbs	26-28	0.14	1568 lbs	-926 lbs
17-38	0.18	-381 lbs	-381 lbs	6-7	0.19	-104 lbs	-104 lbs	14-18	0.25	-825 lbs	-825 lbs	14-18	0.02	411 lbs	-152 lbs
10-17	0.12	-513 lbs	-513 lbs	7-8	0.62	-2825 lbs	-2825 lbs	3-13	0.06	-225 lbs	-225 lbs	16-40	0.03	604 lbs	-144 lbs
11-18	0.12	-506 lbs	-506 lbs	4-44	0.62	-2705 lbs	-2705 lbs	13-17	0.25	-854 lbs	-854 lbs	13-17	0.03	423 lbs	-175 lbs
18-39	0.17	-378 lbs	-378 lbs	19-44	0.62	-2474 lbs	-2474 lbs	1-15	0.12	-820 lbs	-820 lbs	15-37	0.03	600 lbs	-211 lbs
16-39	0.16	-358 lbs	-358 lbs	19-20	0.34	626 lbs	-446 lbs	19-36	0.28	-1837 lbs	-1837 lbs	27-41	0.31	3267 lbs	-1949 lbs
12-16	0.13	54 lbs	0 lbs	20-21	0.31	1464 lbs	-919 lbs	20-35	0.17	-1139 lbs	-1139 lbs	18-42	0.02	266 lbs	-117 lbs
10-43	0.37	-397 lbs	-397 lbs	21-22	0.44	2224 lbs	-1343 lbs	21-34	0.13	-850 lbs	-850 lbs	19-43	0.31	3213 lbs	-1824 lbs
36-43	0.62	-2619 lbs	-2619 lbs	22-23	0.47	2436 lbs	-1447 lbs	22-33	0.06	-425 lbs	-425 lbs	17-44	0.02	273 lbs	-152 lbs
35-36	0.35	-3498 lbs	-3498 lbs	23-24	0.47	2436 lbs	-1447 lbs	23-32	0.03	-229 lbs	-229 lbs				
34-35	0.44	-4335 lbs	-4335 lbs	24-25	0.43	2224 lbs	-1306 lbs	24-31	0.06	-425 lbs	-425 lbs				
33-34	0.53	-5096 lbs	-5096 lbs	25-26	0.28	1463 lbs	-846 lbs	25-30	0.13	-850 lbs	-850 lbs				
32-33	0.55	-5308 lbs	-5308 lbs	26-27	0.36	631 lbs	-374 lbs	26-29	0.17	-1125 lbs	-1125 lbs				
31-32	0.55	-5308 lbs	-5308 lbs	27-42	0.62	-2477 lbs	-2477 lbs	27-28	0.29	-1917 lbs	-1917 lbs				
30-31	0.53	-5096 lbs	-5096 lbs	5-42	0.62	-2702 lbs	-2702 lbs	39-40	0.05	-358 lbs	-358 lbs				
29-30	0.43	-4335 lbs	-4335 lbs	2-37	0.62	-2930 lbs	-2930 lbs	37-38	0.05	-359 lbs	-359 lbs				
28-29	0.33	-3503 lbs	-3503 lbs	13-37	0.62	-2918 lbs	-2918 lbs	41-42	0.26	-1728 lbs	-1728 lbs				
28-41	0.63	-2498 lbs	-2498 lbs	4-13	0.62	-2786 lbs	-2786 lbs	43-44	0.24	-1628 lbs	-1628 lbs				
11-41	0.39	-394 lbs	-394 lbs	5-14	0.62	-2789 lbs	-2789 lbs	20-36	0.13	1505 lbs	-861 lbs				
				14-40	0.62	-2915 lbs	-2915 lbs	21-35	0.11	1300 lbs	-736 lbs				
				7-40	0.62	-2927 lbs	-2927 lbs	22-34	0.13	920 lbs	-512 lbs				
								23-33	0.03	256 lbs	-126 lbs				
								23-31	0.04	256 lbs	-170 lbs				
								24-30	0.14	921 lbs	-556 lbs				

TRUSS TA03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.57 (32 - 33)	TL(V): 0.19 in.	L / 999	(35-36)	L / 90
BC : 0.97 (13 - 20)	LL(V): 0.12 in.	L / 999	(35-36)	L / 90
Web : 0.26 (30 - 33)	DL(V): 0.06 in.	L / 999	(35-36)	L / 0
	Cant / OH TL: 0.12 in.	2L / 999	(35-36)	2L / 90
	Cant / OH LL: 0.12 in.	2L / 999	(35-36)	2L / 90
	Horiz TL: -0.01 in.		11	
	Web :			
	Snow/Wind -0.15 in.	L / 999	(35-36)	L / 90
	Cant (Snow/Wind) -0.15 in.	L / 999	(35-36)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2440 lbs	1770 lbs	0 lbs	-1030 lbs	2440 lbs
8	Pin		-2440 lbs	1770 lbs	0 lbs	-970 lbs	-2440 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-5-3	36-5-0

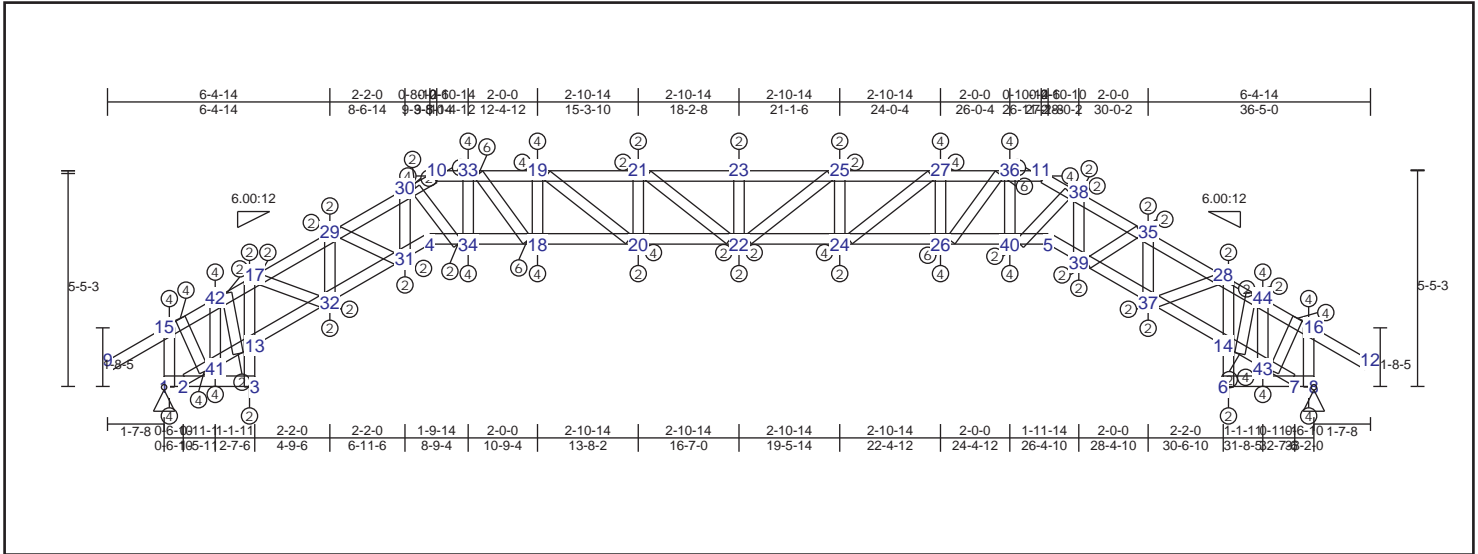
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
10-32	0.33	-794 lbs	-794 lbs	2-41	0.75	-2255 lbs	-2255 lbs	19-20	0.08	-568 lbs	-568 lbs
32-33	0.57	-2345 lbs	-2345 lbs	13-41	0.69	-2235 lbs	-2235 lbs	21-22	0.07	-473 lbs	-473 lbs
33-34	0.34	-3184 lbs	-3184 lbs	13-20	0.97	-2380 lbs	-2380 lbs	8-16	0.17	-1170 lbs	-1170 lbs
34-35	0.41	-3935 lbs	-3935 lbs	4-20	0.97	-2380 lbs	-2380 lbs	31-32	0.22	-1446 lbs	-1446 lbs
35-36	0.44	-4155 lbs	-4155 lbs	1-2	0.82	-2445 lbs	-2445 lbs	30-33	0.26	-1697 lbs	-1697 lbs
36-37	0.44	-4155 lbs	-4155 lbs	2-3	0.18	-268 lbs	-268 lbs	28-40	0.20	-1331 lbs	-1331 lbs
37-38	0.42	-3936 lbs	-3936 lbs	6-7	0.17	-259 lbs	-259 lbs	27-39	0.24	-1589 lbs	-1589 lbs
38-39	0.30	-3182 lbs	-3182 lbs	7-8	0.82	-2445 lbs	-2445 lbs	24-36	0.03	-231 lbs	-231 lbs
39-40	0.54	-2367 lbs	-2367 lbs	4-31	0.87	-2134 lbs	-2134 lbs	25-37	0.06	-434 lbs	-434 lbs
11-40	0.31	-720 lbs	-720 lbs	30-31	0.87	-1715 lbs	-1715 lbs	26-38	0.12	-782 lbs	-782 lbs
9-15	0.13	54 lbs	0 lbs	29-30	0.32	675 lbs	-484 lbs	23-35	0.06	-434 lbs	-434 lbs
15-42	0.22	-891 lbs	-891 lbs	23-29	0.30	1426 lbs	-881 lbs	29-34	0.12	-789 lbs	-789 lbs
17-42	0.11	-891 lbs	-891 lbs	23-24	0.32	1646 lbs	-971 lbs	6-14	0.10	-383 lbs	-383 lbs
17-19	0.08	-759 lbs	-759 lbs	24-25	0.32	1646 lbs	-971 lbs	14-18	0.08	-383 lbs	-383 lbs
10-19	0.12	-840 lbs	-840 lbs	25-26	0.28	1427 lbs	-808 lbs	3-13	0.14	-381 lbs	-381 lbs
11-21	0.08	-782 lbs	-782 lbs	26-27	0.30	673 lbs	-332 lbs	13-17	0.06	-381 lbs	-381 lbs
18-21	0.08	-771 lbs	-771 lbs	27-28	0.89	-1789 lbs	-1789 lbs	1-15	0.17	-1177 lbs	-1177 lbs
18-43	0.10	-878 lbs	-878 lbs	5-28	0.89	-2052 lbs	-2052 lbs	41-42	0.15	-990 lbs	-990 lbs
16-43	0.21	-878 lbs	-878 lbs	5-22	0.89	-2295 lbs	-2295 lbs	43-44	0.14	-969 lbs	-969 lbs
12-16	0.13	54 lbs	0 lbs	14-22	0.89	-2295 lbs	-2295 lbs	17-20	0.07	-449 lbs	-449 lbs
				14-44	0.69	-2247 lbs	-2247 lbs	18-22	0.05	-347 lbs	-347 lbs
				7-44	0.76	-2267 lbs	-2267 lbs	21-28	0.03	355 lbs	-212 lbs
								19-31	0.04	532 lbs	-295 lbs
								30-32	0.22	2655 lbs	-1457 lbs
								29-33	0.11	1303 lbs	-727 lbs

TRUSS TA04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.48 (27 - 36)	TL(V): 0.12 in.	L / 999 (21-23)	L / 90
BC : 0.74 (32 - 31)	LL(V): 0.08 in.	L / 999 (21-23)	L / 90
Web : 0.19 (33 - 18)	DL(V): 0.04 in.	L / 999 (21-23)	L / 0
	Cant / OH TL: 0.08 in.	2L / 999 (21-23)	2L / 90
	Cant / OH LL: 0.08 in.	2L / 999 (21-23)	2L / 90
	Horiz TL: 0.01 in.	30	
	Web :		
	Snow/Wind -0.09 in.	L / 999 (23-25)	L / 90
	Cant (Snow/Wind) -0.09 in.L / 999	(23-25)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2220 lbs	1780 lbs	0 lbs	-930 lbs	2220 lbs
8	Pin		-2220 lbs	1780 lbs	0 lbs	-1010 lbs	-2220 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
5-5-3	36-5-0

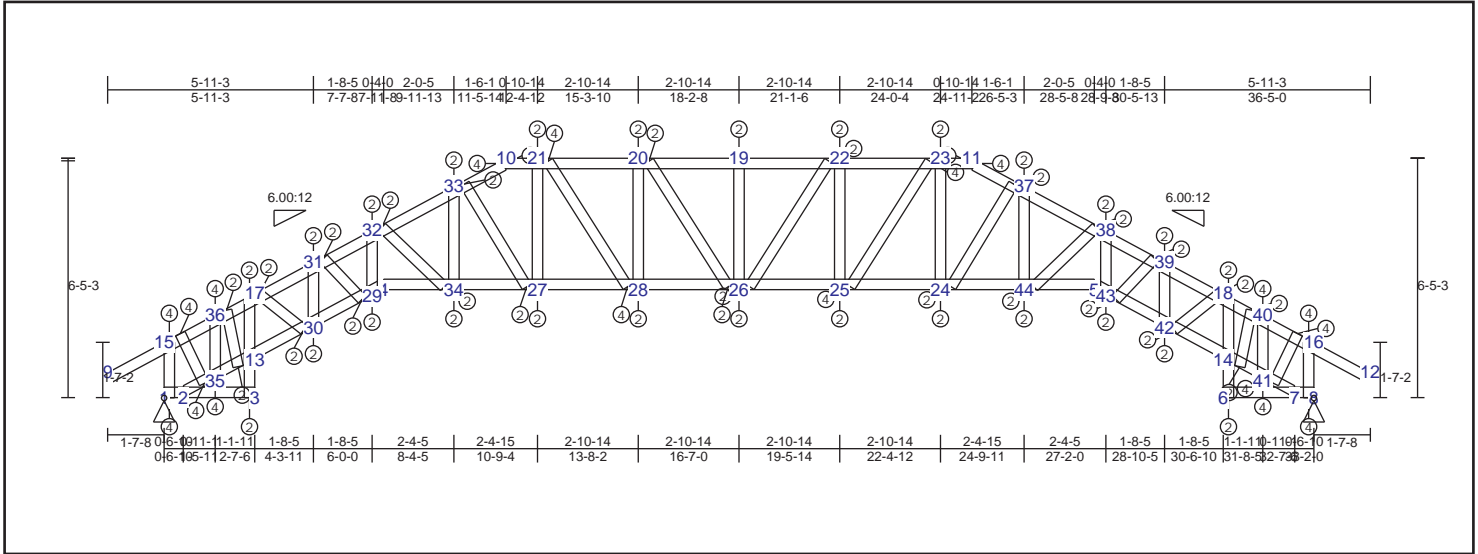
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
9-15	0.13	54 lbs	0 lbs	6-7	0.14	-180 lbs	-180 lbs	1-15	0.19	-1260 lbs	-1260 lbs
15-42	0.24	-956 lbs	-956 lbs	7-8	0.74	-2220 lbs	-2220 lbs	29-32	0.03	176 lbs	-171 lbs
17-42	0.11	-1079 lbs	-1079 lbs	1-2	0.74	-2220 lbs	-2220 lbs	3-13	0.10	-589 lbs	-589 lbs
17-29	0.13	-1228 lbs	-1228 lbs	2-3	0.14	-177 lbs	-177 lbs	13-17	0.09	-603 lbs	-603 lbs
29-30	0.12	-1087 lbs	-1087 lbs	2-41	0.70	-2093 lbs	-2093 lbs	30-31	0.05	-313 lbs	-313 lbs
10-30	0.14	-928 lbs	-928 lbs	13-41	0.65	-2071 lbs	-2071 lbs	33-34	0.15	-1022 lbs	-1022 lbs
10-33	0.24	-912 lbs	-912 lbs	13-32	0.50	-1552 lbs	-1552 lbs	18-19	0.17	-1121 lbs	-1121 lbs
19-33	0.44	-2159 lbs	-2159 lbs	31-32	0.74	-1778 lbs	-1778 lbs	20-21	0.06	-399 lbs	-399 lbs
19-21	0.30	-2907 lbs	-2907 lbs	4-31	0.68	-1778 lbs	-1778 lbs	22-23	0.04	-246 lbs	-246 lbs
21-23	0.33	-3125 lbs	-3125 lbs	5-39	0.63	-1701 lbs	-1701 lbs	24-25	0.06	-393 lbs	-393 lbs
23-25	0.33	-3125 lbs	-3125 lbs	37-39	0.68	-1701 lbs	-1701 lbs	26-27	0.18	-1178 lbs	-1178 lbs
25-27	0.29	-2907 lbs	-2907 lbs	14-37	0.49	-1554 lbs	-1554 lbs	36-40	0.15	-997 lbs	-997 lbs
27-36	0.48	-2162 lbs	-2162 lbs	14-43	0.65	-2068 lbs	-2068 lbs	38-39	0.02	-154 lbs	-154 lbs
11-36	0.26	-829 lbs	-829 lbs	7-43	0.70	-2090 lbs	-2090 lbs	35-37	0.02	158 lbs	-113 lbs
11-38	0.11	-891 lbs	-891 lbs	4-34	0.63	-1666 lbs	-1666 lbs	6-14	0.10	-589 lbs	-589 lbs
35-38	0.11	-1076 lbs	-1076 lbs	18-34	0.63	-1389 lbs	-1389 lbs	14-28	0.09	-589 lbs	-589 lbs
28-35	0.13	-1209 lbs	-1209 lbs	18-20	0.22	606 lbs	-300 lbs	8-16	0.19	-1261 lbs	-1261 lbs
28-44	0.11	-1076 lbs	-1076 lbs	20-22	0.17	824 lbs	-489 lbs	41-42	0.16	-1050 lbs	-1050 lbs
16-44	0.24	-959 lbs	-959 lbs	22-24	0.17	824 lbs	-489 lbs	43-44	0.16	-1055 lbs	-1055 lbs
12-16	0.13	54 lbs	0 lbs	24-26	0.23	607 lbs	-429 lbs	29-31	0.08	-505 lbs	-505 lbs
				26-40	0.71	-1472 lbs	-1472 lbs	17-32	0.02	220 lbs	-144 lbs
				5-40	0.71	-1591 lbs	-1591 lbs	30-34	0.04	419 lbs	-266 lbs
								18-33	0.19	1937 lbs	-1242 lbs
								19-20	0.15	905 lbs	-595 lbs
								21-22	0.06	263 lbs	-229 lbs

TRUSS TA05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.41 (22 - 23)	TL(V): 0.07 in.	L / 999	(20-19)	L / 90
BC : 0.74 (1 - 2)	LL(V): 0.05 in.	L / 999	(20-19)	L / 90
Web : 0.26 (25 - 23)	DL(V): 0.02 in.	L / 999	(28-26)	L / 0
	Cant / OH TL: 0.05 in.	2L / 999	(20-19)	2L / 90
	Cant / OH LL: 0.05 in.	2L / 999	(20-19)	2L / 90
	Horiz TL: -0.01 in.		37	
	Web :			
	Snow/Wind -0.06 in.	L / 999	(21-20)	L / 90
	Cant (Snow/Wind) -0.06 in.	L / 999	(21-20)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2220 lbs	1780 lbs	0 lbs	-990 lbs	2220 lbs
8	Pin		-2220 lbs	1780 lbs	0 lbs	-990 lbs	-2220 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
6'-5-3	36'-5-0

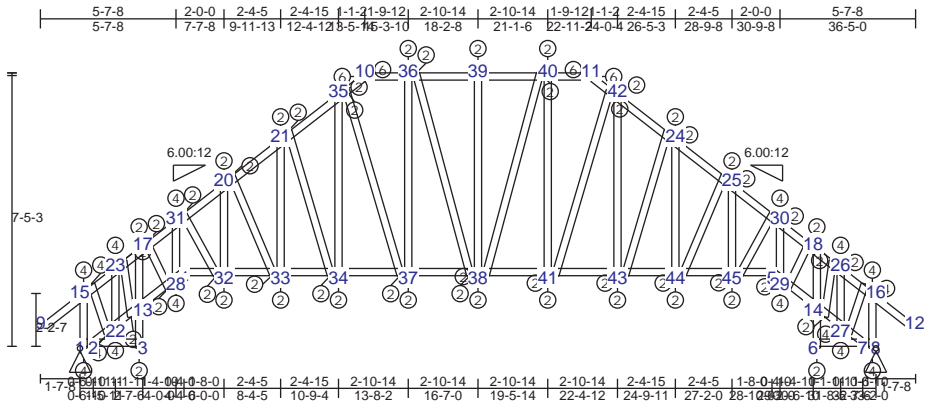
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web							
9-15	0.13	54 lbs	0 lbs	1-2	0.74	-2222 lbs	-2222 lbs	8-16	0.19	-1258 lbs	-1258 lbs	17-30	0.02	184 lbs	-158 lbs
15-36	0.24	-956 lbs	-956 lbs	2-3	0.14	-177 lbs	-177 lbs	6-14	0.09	-562 lbs	-562 lbs	27-33	0.06	408 lbs	-202 lbs
17-36	0.11	-1062 lbs	-1062 lbs	2-35	0.70	-2097 lbs	-2097 lbs	14-18	0.09	-562 lbs	-562 lbs	15-35	0.09	1288 lbs	-613 lbs
17-31	0.12	-1132 lbs	-1132 lbs	13-35	0.65	-2075 lbs	-2075 lbs	3-13	0.09	-562 lbs	-562 lbs	13-17	0.05	686 lbs	-366 lbs
31-32	0.21	-1369 lbs	-1369 lbs	13-30	0.48	-1571 lbs	-1571 lbs	13-17	0.09	-562 lbs	-562 lbs	24-37	0.11	408 lbs	-360 lbs
32-33	0.24	-1458 lbs	-1458 lbs	29-30	0.51	-1481 lbs	-1481 lbs	1-15	0.19	-1258 lbs	-1258 lbs	38-44	0.04	288 lbs	-257 lbs
10-33	0.28	-1494 lbs	-1494 lbs	4-29	0.50	-1449 lbs	-1449 lbs	19-26	0.05	-161 lbs	-161 lbs	16-41	0.07	1288 lbs	-492 lbs
10-21	0.27	-1433 lbs	-1433 lbs	5-43	0.50	-1449 lbs	-1449 lbs	20-28	0.23	-719 lbs	-719 lbs	14-18	0.04	686 lbs	-301 lbs
20-21	0.41	-1914 lbs	-1914 lbs	42-43	0.51	-1481 lbs	-1481 lbs	21-27	0.08	-254 lbs	-254 lbs	18-42	0.02	179 lbs	-149 lbs
19-20	0.26	-2035 lbs	-2035 lbs	14-42	0.48	-1571 lbs	-1571 lbs	22-25	0.23	-719 lbs	-719 lbs	39-43	0.00	75 lbs	-23 lbs
19-22	0.26	-2035 lbs	-2035 lbs	14-41	0.65	-2075 lbs	-2075 lbs	23-24	0.08	287 lbs	-254 lbs				
22-23	0.41	-1914 lbs	-1914 lbs	7-41	0.70	-2097 lbs	-2097 lbs	30-31	0.02	-152 lbs	-152 lbs				
11-23	0.27	-1433 lbs	-1433 lbs	6-7	0.14	-177 lbs	-177 lbs	29-32	0.10	-698 lbs	-698 lbs				
11-37	0.28	-1494 lbs	-1494 lbs	7-8	0.74	-2222 lbs	-2222 lbs	33-34	0.04	-208 lbs	-208 lbs				
37-38	0.24	-1458 lbs	-1458 lbs	4-34	0.39	-1247 lbs	-1247 lbs	35-36	0.16	-1052 lbs	-1052 lbs				
38-39	0.21	-1369 lbs	-1369 lbs	27-34	0.38	-1110 lbs	-1110 lbs	37-44	0.05	266 lbs	-220 lbs				
18-39	0.12	-1132 lbs	-1132 lbs	27-28	0.30	-887 lbs	-887 lbs	40-41	0.16	-1052 lbs	-1052 lbs				
18-40	0.11	-1062 lbs	-1062 lbs	26-28	0.21	-406 lbs	-406 lbs	38-43	0.10	-697 lbs	-697 lbs				
16-40	0.24	-956 lbs	-956 lbs	25-26	0.21	-406 lbs	-406 lbs	39-42	0.02	-156 lbs	-156 lbs				
12-16	0.13	54 lbs	0 lbs	24-25	0.30	-887 lbs	-887 lbs	21-28	0.19	854 lbs	-423 lbs				
				24-44	0.38	-1110 lbs	-1110 lbs	20-26	0.07	215 lbs	-148 lbs				
				5-44	0.39	-1247 lbs	-1247 lbs	22-26	0.09	215 lbs	-208 lbs				
								23-25	0.26	854 lbs	-573 lbs				
								32-34	0.03	224 lbs	-157 lbs				
								29-31	0.01	102 lbs	-44 lbs				

TRUSS TA06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.42 (42 - 24)	TL(V): 0.07 in.	L / 999 (36-39)	L / 90
BC : 0.72 (1 - 2)	LL(V): 0.04 in.	L / 999 (36-39)	L / 90
Web : 0.40 (38 - 39)	DL(V): 0.02 in.	L / 999 (36-39)	L / 0
	Cant / OH TL: 0.04 in.	2L / 999 (36-39)	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999 (36-39)	2L / 90
	Horiz TL: -0.01 in.	24	
	Web :		
	Snow/Wind -0.05 in.	L / 999 (39-40)	L / 90
	Cant (Snow/Wind) -0.05 in.	L / 999 (39-40)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2160 lbs	1780 lbs	0 lbs	-870 lbs	2160 lbs
8	Pin		-2160 lbs	1780 lbs	0 lbs	-970 lbs	-2160 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
7-5-3	36-5-0

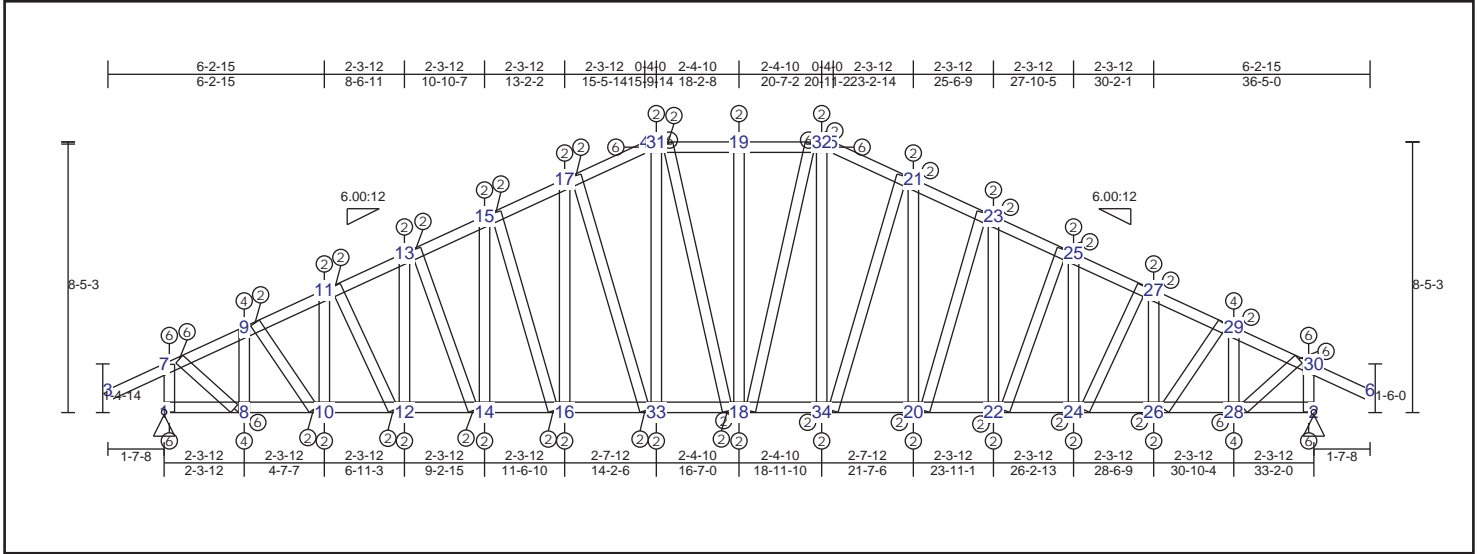
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
9-15	0.13	54 lbs	0 lbs	1-2	0.72	-2163 lbs	-2163 lbs	8-16	0.19	-1275 lbs	-1275 lbs
15-23	0.24	-981 lbs	-981 lbs	2-3	0.13	-159 lbs	-159 lbs	6-14	0.09	-528 lbs	-528 lbs
17-23	0.12	-1068 lbs	-1068 lbs	6-7	0.13	-159 lbs	-159 lbs	14-18	0.09	-528 lbs	-528 lbs
17-31	0.21	-1538 lbs	-1538 lbs	7-8	0.72	-2163 lbs	-2163 lbs	3-13	0.09	-528 lbs	-528 lbs
20-31	0.19	-1844 lbs	-1844 lbs	2-22	0.68	-2052 lbs	-2052 lbs	13-17	0.09	-528 lbs	-528 lbs
20-21	0.20	-1862 lbs	-1862 lbs	13-22	0.64	-2029 lbs	-2029 lbs	1-15	0.19	-1275 lbs	-1275 lbs
21-35	0.42	-1820 lbs	-1820 lbs	13-28	0.49	-1512 lbs	-1512 lbs	22-23	0.16	-1089 lbs	-1089 lbs
10-35	0.40	-1578 lbs	-1578 lbs	4-28	0.50	-1434 lbs	-1434 lbs	26-27	0.16	-1089 lbs	-1089 lbs
11-42	0.40	-1578 lbs	-1578 lbs	5-29	0.50	-1434 lbs	-1434 lbs	28-31	0.15	-997 lbs	-997 lbs
24-42	0.42	-1820 lbs	-1820 lbs	14-29	0.49	-1512 lbs	-1512 lbs	29-30	0.15	-997 lbs	-997 lbs
24-25	0.20	-1862 lbs	-1862 lbs	14-27	0.64	-2029 lbs	-2029 lbs	20-32	0.09	-486 lbs	-486 lbs
25-30	0.19	-1844 lbs	-1844 lbs	7-27	0.68	-2051 lbs	-2051 lbs	21-33	0.06	-162 lbs	-162 lbs
18-30	0.21	-1538 lbs	-1538 lbs	4-32	0.35	-1117 lbs	-1117 lbs	34-35	0.21	402 lbs	-355 lbs
18-26	0.12	-1068 lbs	-1068 lbs	32-33	0.26	-712 lbs	-712 lbs	36-37	0.17	288 lbs	-234 lbs
16-26	0.24	-981 lbs	-981 lbs	33-34	0.31	-795 lbs	-795 lbs	38-39	0.40	-529 lbs	-529 lbs
12-16	0.13	54 lbs	0 lbs	34-37	0.28	-795 lbs	-795 lbs	40-41	0.17	-234 lbs	-234 lbs
10-36	0.21	-1628 lbs	-1628 lbs	37-38	0.23	-651 lbs	-651 lbs	42-43	0.20	402 lbs	-340 lbs
36-39	0.26	-1742 lbs	-1742 lbs	38-41	0.23	-651 lbs	-651 lbs	24-44	0.04	-117 lbs	-117 lbs
39-40	0.26	-1742 lbs	-1742 lbs	41-43	0.28	-795 lbs	-795 lbs	25-45	0.09	-486 lbs	-486 lbs
11-40	0.20	-1628 lbs	-1628 lbs	43-44	0.31	-795 lbs	-795 lbs	15-22	0.08	1314 lbs	-538 lbs
				44-45	0.26	-712 lbs	-712 lbs	13-17	0.05	647 lbs	-342 lbs
				5-45	0.35	-1117 lbs	-1117 lbs	16-27	0.09	1314 lbs	-637 lbs
								14-18	0.06	647 lbs	-390 lbs
								17-28	0.04	391 lbs	-250 lbs
								31-32	0.06	622 lbs	-400 lbs

TRUSS TA07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.38 (29 - 30)	TL(V): 0.05 in.	L / 999 (31-19)	L / 90
BC : 0.49 (1 - 8)	LL(V): 0.03 in.	L / 999 (31-19)	L / 90
Web : 0.51 (18 - 19)	DL(V): 0.02 in.	L / 999 (14-16)	L / 0
	Cant / OH TL: -0.02 in.	2L / 999 3	2L / 90
	Cant / OH LL: -0.02 in.	2L / 999 3	2L / 90
	Horiz TL: 0.01 in.	6	
	Web :		
	Snow/Wind -0.04 in.	L / 999 (13-15)	L / 90
	Cant (Snow/Wind) 0.01 in.	L / 999 3	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1430 lbs	1750 lbs	0 lbs	-960 lbs	1430 lbs
2	Pin		-1430 lbs	1750 lbs	0 lbs	-890 lbs	-1430 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-5-3	36-5-0

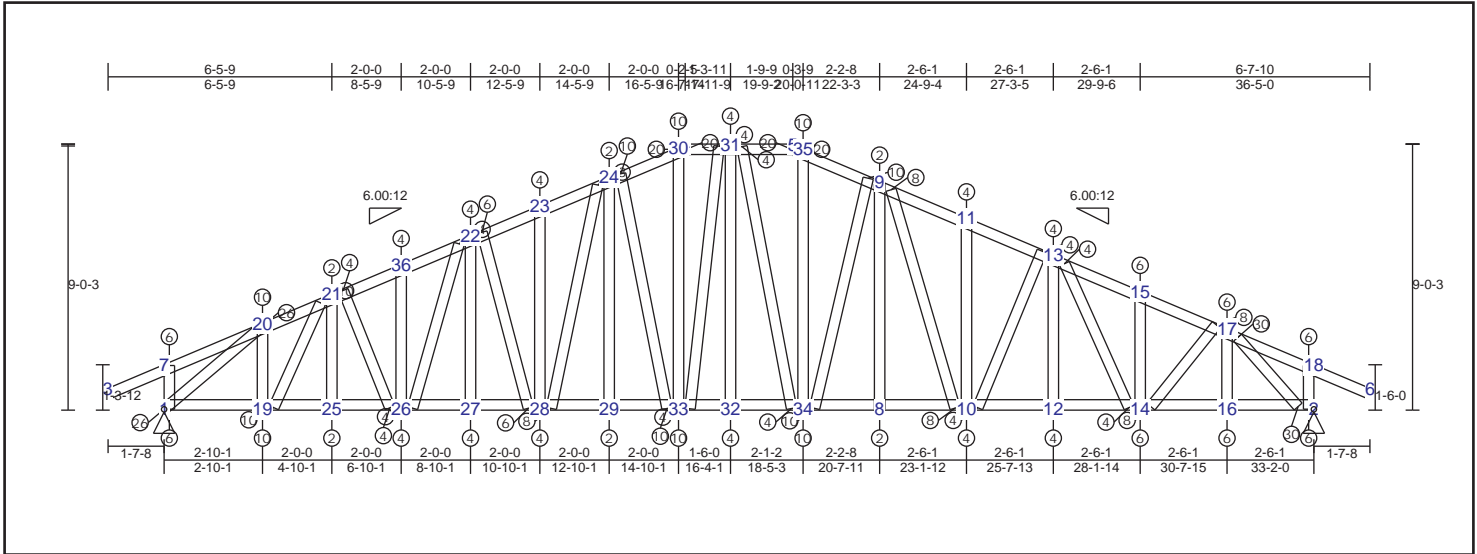
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force
3-7	0.13	54 lbs	0 lbs	1-8	0.49	-1428 lbs	-1428 lbs	1-7	0.27	-1820 lbs	-1820 lbs
7-9	0.38	-1894 lbs	-1894 lbs	8-10	0.26	-292 lbs	-292 lbs	8-9	0.26	-1340 lbs	-1340 lbs
9-11	0.24	-2108 lbs	-2108 lbs	10-12	0.10	355 lbs	-292 lbs	10-11	0.17	-476 lbs	-476 lbs
11-13	0.21	-2108 lbs	-2108 lbs	12-14	0.10	355 lbs	-285 lbs	12-13	0.06	-111 lbs	-111 lbs
13-15	0.21	-2082 lbs	-2082 lbs	14-16	0.09	311 lbs	-216 lbs	14-15	0.21	-222 lbs	-222 lbs
15-17	0.22	-2005 lbs	-2005 lbs	16-33	0.12	198 lbs	-110 lbs	16-17	0.51	437 lbs	-360 lbs
4-17	0.19	-1845 lbs	-1845 lbs	18-33	0.12	126 lbs	-15 lbs	18-19	0.51	-521 lbs	-521 lbs
5-21	0.19	-1845 lbs	-1845 lbs	18-34	0.12	123 lbs	-15 lbs	20-21	0.51	437 lbs	-381 lbs
21-23	0.22	-2005 lbs	-2005 lbs	20-34	0.12	198 lbs	-86 lbs	22-23	0.23	-243 lbs	-243 lbs
23-25	0.21	-2082 lbs	-2082 lbs	20-22	0.09	311 lbs	-196 lbs	24-25	0.07	-125 lbs	-125 lbs
25-27	0.21	-2108 lbs	-2108 lbs	22-24	0.09	355 lbs	-273 lbs	26-27	0.17	-476 lbs	-476 lbs
27-29	0.24	-2108 lbs	-2108 lbs	24-26	0.10	355 lbs	-292 lbs	28-29	0.26	-1340 lbs	-1340 lbs
29-30	0.38	-1894 lbs	-1894 lbs	26-28	0.26	-292 lbs	-292 lbs	2-30	0.27	-1820 lbs	-1820 lbs
6-30	0.13	54 lbs	0 lbs	2-28	0.49	-1428 lbs	-1428 lbs	32-34	0.51	596 lbs	-478 lbs
4-31	0.23	-1620 lbs	-1620 lbs					31-33	0.51	596 lbs	-470 lbs
19-31	0.25	-1659 lbs	-1659 lbs					7-8	0.12	1830 lbs	-777 lbs
19-32	0.25	-1659 lbs	-1659 lbs					9-10	0.08	753 lbs	-300 lbs
5-32	0.23	-1620 lbs	-1620 lbs					11-12	0.03	186 lbs	-67 lbs
								13-14	0.10	222 lbs	-146 lbs
								15-16	0.49	-439 lbs	-439 lbs
								20-23	0.49	-439 lbs	-439 lbs
								22-25	0.10	247 lbs	-146 lbs
								24-27	0.04	186 lbs	-98 lbs
								26-29	0.09	753 lbs	-313 lbs
								28-30	0.11	1830 lbs	-685 lbs

TRUSS TA08 (spacing 24 in) - complex I-section from (2) profiles



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.91 (17 - 18)	TL(V): 0.27 in.	L / 826 (9-11)	L / 90
BC : 0.91 (16 - 2)	LL(V): 0.18 in.	L / 999 (9-11)	L / 90
Web : 0.91 (24 - 33)	DL(V): 0.09 in.	L / 999 (9-11)	L / 0
	Cant / OH TL: 0.01 in.	2L / 956 (18-6)	2L / 90
	Cant / OH LL: 0.01 in.	2L / 956 (18-6)	2L / 90
	Horiz TL: 0.06 in.	22	
	Web :		
	Snow/Wind -0.23 in.	L / 999 (27-28)	L / 90
	Cant (Snow/Wind) -0.1 in.	L / 439	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		7870 lbs	8750 lbs	0 lbs	-4700 lbs	7870 lbs
2	Pin		-7870 lbs	8750 lbs	0 lbs	-4500 lbs	-7870 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	(2)362S162-54(50)	Sheathing			
Bot Chd	(2)362S162-54(50)	Purlin (96 in.)			
Web	(2)362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
9-1-6	36-5-0

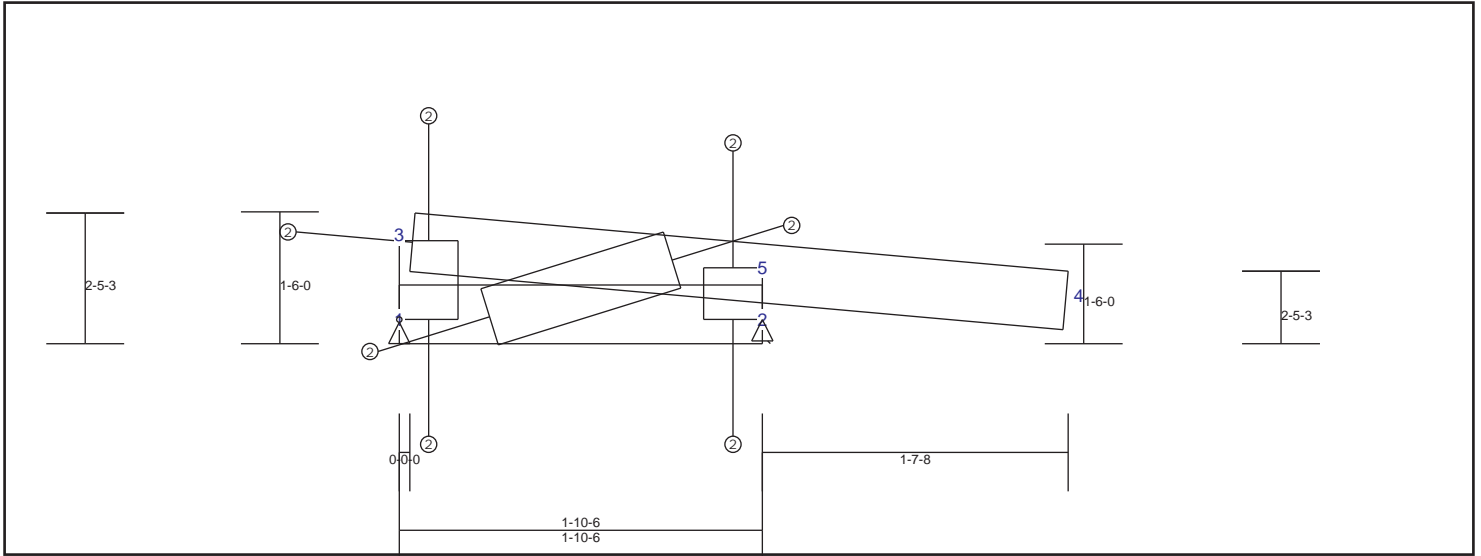
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web							
4-31	0.85	-7847 lbs	-7847 lbs	1-19	0.65	-925 lbs	-925 lbs	1-7	0.23	2200 lbs	-1555 lbs	22-28	0.91	2114 lbs	-2077 lbs
5-31	0.86	-7839 lbs	-7839 lbs	19-25	0.71	-1274 lbs	-1274 lbs	8-9	0.01	198 lbs	-43 lbs	21-26	0.12	876 lbs	-260 lbs
3-7	0.65	271 lbs	0 lbs	25-26	0.43	-1274 lbs	-1274 lbs	10-11	0.91	-1418 lbs	-1418 lbs	19-21	0.91	-3750 lbs	-3750 lbs
7-20	0.91	-9804 lbs	-9804 lbs	26-27	0.38	-1183 lbs	-1183 lbs	12-13	0.30	1046 lbs	-455 lbs	31-33	0.91	-1428 lbs	-1428 lbs
20-21	0.91	-10782 lbs	-10782 lbs	27-28	0.56	-937 lbs	-937 lbs	14-15	0.90	-2119 lbs	-2119 lbs	31-34	0.91	-1340 lbs	-1340 lbs
21-36	0.91	-10630 lbs	-10630 lbs	28-29	0.58	562 lbs	-476 lbs	16-17	0.13	1846 lbs	-635 lbs	22-26	0.91	-1054 lbs	-1054 lbs
22-36	0.91	-10630 lbs	-10630 lbs	29-33	0.83	823 lbs	-737 lbs	2-18	0.14	2009 lbs	-969 lbs				
22-23	0.91	-10307 lbs	-10307 lbs	32-33	0.83	823 lbs	-815 lbs	24-29	0.01	229 lbs	-36 lbs				
23-24	0.91	-10307 lbs	-10307 lbs	32-34	0.82	-815 lbs	-815 lbs	23-28	0.91	-1043 lbs	-1043 lbs				
24-30	0.91	-9300 lbs	-9300 lbs	8-34	0.82	797 lbs	-746 lbs	21-25	0.14	670 lbs	-358 lbs				
4-30	0.75	-7416 lbs	-7416 lbs	8-10	0.49	660 lbs	-654 lbs	22-27	0.37	855 lbs	-425 lbs				
5-35	0.91	-7368 lbs	-7368 lbs	10-12	0.49	-1167 lbs	-1167 lbs	19-20	0.29	3353 lbs	-1295 lbs				
9-35	0.91	-9344 lbs	-9344 lbs	12-14	0.60	-1289 lbs	-1289 lbs	30-33	0.91	3648 lbs	-2167 lbs				
9-11	0.91	-10500 lbs	-10500 lbs	14-16	0.60	-1289 lbs	-1289 lbs	31-32	0.91	-1042 lbs	-1042 lbs				
11-13	0.91	-10500 lbs	-10500 lbs	2-16	0.91	-7872 lbs	-7872 lbs	34-35	0.91	3784 lbs	-2289 lbs				
13-15	0.91	-10609 lbs	-10609 lbs					26-36	0.87	-1393 lbs	-1393 lbs				
15-17	0.91	-10298 lbs	-10298 lbs					1-20	0.91	-10293 lbs	-10293 lbs				
17-18	0.91	-10205 lbs	-10205 lbs					10-13	0.91	1561 lbs	-1247 lbs				
6-18	0.65	271 lbs	0 lbs					14-17	0.42	3042 lbs	-1342 lbs				
								2-17	0.91	-11599 lbs	-11599 lbs				
								13-14	0.68	-924 lbs	-924 lbs				
								9-34	0.91	-3998 lbs	-3998 lbs				
								9-10	0.91	2620 lbs	-2437 lbs				
								24-33	0.91	-3980 lbs	-3980 lbs				
								24-28	0.91	3058 lbs	-2682 lbs				

TRUSS TA09 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.41 (3 - 5)	TL(V): 0.01 in.	L / 999	4 L / 90
BC : 0.14 (1 - 2)	LL(V): 0.01 in.	L / 999	4 L / 90
Web : 0.10 (2 - 5)	DL(V): 0 in.	L / 999	(3-5) L / 0
	Cant / OH TL: 0.01 in.	2L / 999	4 2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	4 2L / 90
	Horiz TL: -0.01 in.		4
	Web :		
	Snow/Wind -0.04 in.	L / 999	4 L / 90
	Cant (Snow/Wind) -0.04 in. / 999		4 L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	40 lbs	-30 lbs	-30 lbs	-120 lbs
2	Fixed		-30 lbs	300 lbs	0 lbs	-290 lbs	-30 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-4-6	3-5-14

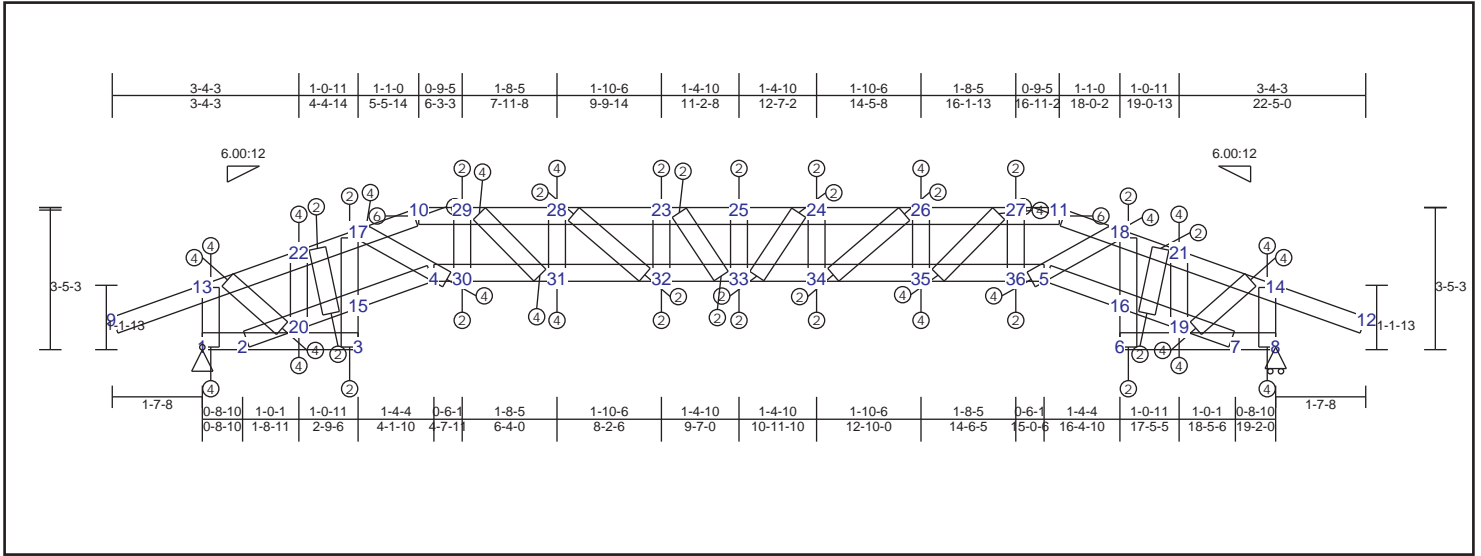
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.41	110 lbs	-67 lbs	1-2	0.14	115 lbs	-44 lbs	1-3	0.08	-207 lbs	-207 lbs
4-5	0.35	54 lbs	0 lbs					2-5	0.10	-271 lbs	-271 lbs
								1-5	0.04	300 lbs	-115 lbs

TRUSS TB02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.76 (29 - 28)	TL(V): 0.15 in.	L / 927 (23-25)	L / 90
BC : 0.50 (32 - 33)	LL(V): 0.1 in.	L / 999 (23-25)	L / 90
Web : 0.33 (8 - 14)	DL(V): 0.05 in.	L / 999 (23-25)	L / 0
	Cant / OH TL: 0.1 in.	2L / 999 (23-25)	2L / 90
	Cant / OH LL: 0.1 in.	2L / 999 (23-25)	2L / 90
	Horiz TL: 0.07 in.	8	
	Web :		
	Snow/Wind -0.1 in.	L / 999 (23-25)	L / 90
	Cant (Snow/Wind) -0.1 in.	L / 999 (23-25)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-20 lbs	1090 lbs	0 lbs	-640 lbs	-20 lbs
8	HRoll		0 lbs	1090 lbs	0 lbs	-630 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
3-5-3	22-5-0

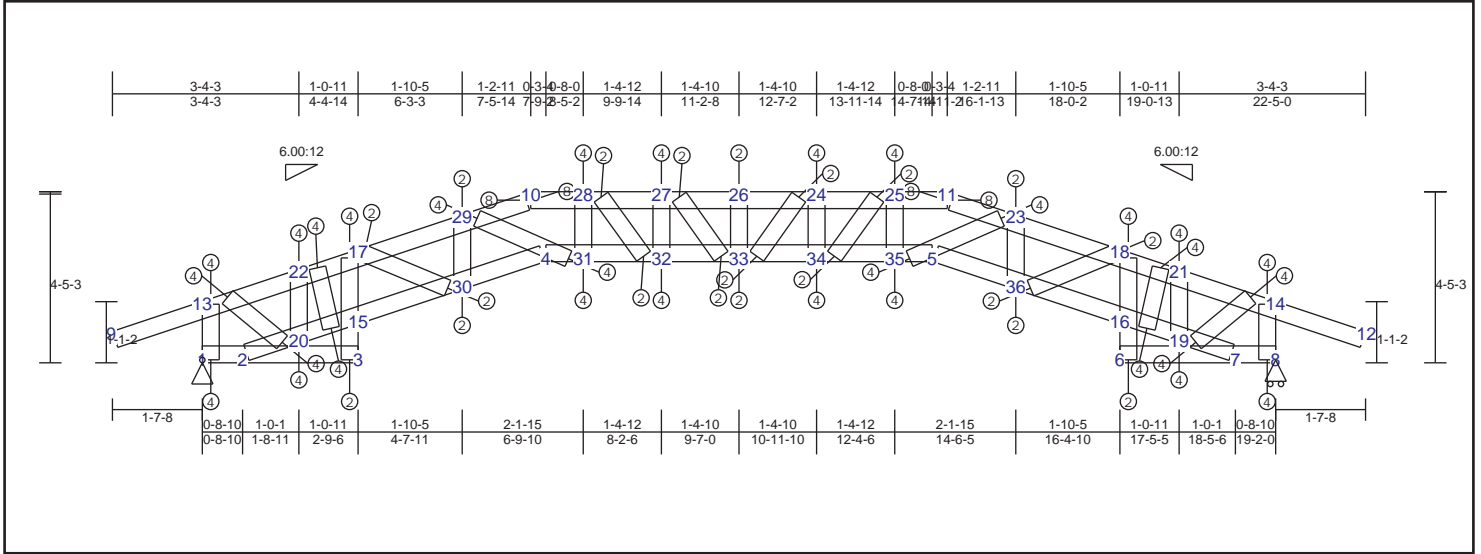
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
10-29 0.52 -1910 lbs	1-2 0.09 159 lbs	20-22 0.30 -1118 lbs
28-29 0.76 -2482 lbs	2-3 0.05 159 lbs	3-15 0.28 -334 lbs
23-28 0.46 -2818 lbs	6-7 0.04 158 lbs	15-17 0.31 -515 lbs
23-25 0.44 -2857 lbs	7-8 0.09 158 lbs	6-16 0.29 -334 lbs
24-25 0.44 -2857 lbs	2-20 0.41 211 lbs	16-18 0.31 -515 lbs
24-26 0.46 -2819 lbs	15-20 0.38 1103 lbs	19-21 0.30 -1119 lbs
26-27 0.76 -2483 lbs	4-15 0.25 1103 lbs	8-14 0.33 -1231 lbs
11-27 0.52 -1911 lbs	5-16 0.25 1104 lbs	1-13 0.33 -1230 lbs
11-18 0.72 -1921 lbs	16-19 0.38 1104 lbs	29-30 0.04 -165 lbs
18-21 0.57 -1428 lbs	7-19 0.41 212 lbs	28-31 0.25 -908 lbs
14-21 0.43 -1210 lbs	4-30 0.31 1863 lbs	23-32 0.06 -236 lbs
12-14 0.24 54 lbs	30-31 0.48 2435 lbs	25-33 0.03 -123 lbs
9-13 0.24 54 lbs	31-32 0.49 2771 lbs	24-34 0.06 -235 lbs
13-22 0.43 -1210 lbs	32-33 0.50 2810 lbs	26-35 0.25 -908 lbs
17-22 0.57 -1427 lbs	33-34 0.50 2810 lbs	27-36 0.04 227 lbs
10-17 0.72 -1920 lbs	34-35 0.49 2771 lbs	13-20 0.13 1224 lbs
	35-36 0.48 2435 lbs	15-17 0.03 314 lbs
	5-36 0.28 1864 lbs	16-18 0.03 313 lbs
		14-19 0.12 1225 lbs
		17-30 0.14 1170 lbs
		18-36 0.13 1171 lbs
		27-35 0.18 994 lbs
		26-34 0.09 524 lbs
		23-33 0.02 92 lbs
		24-33 0.02 91 lbs

TRUSS TB03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.90 (24 - 25)	TL(V): 0.2 in.	L / 453 (27-26)	L / 90
BC : 0.89 (32 - 33)	LL(V): 0.12 in.	L / 709 (27-26)	L / 90
Web : 0.48 (16 - 18)	DL(V): 0.07 in.	L / 999 (27-26)	L / 0
	Cant / OH TL: 0.12 in.	2L / 999 (27-26)	2L / 90
	Cant / OH LL: 0.12 in.	2L / 999 (27-26)	2L / 90
	Horiz TL: 0.12 in.	8	
	Web :		
	Snow/Wind -0.12 in.	L / 694 (32-33)	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 999 (32-33)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-50 lbs	1100 lbs	0 lbs	-620 lbs	-50 lbs
8	HRoll		0 lbs	1100 lbs	0 lbs	-600 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-5-3	22-5-0

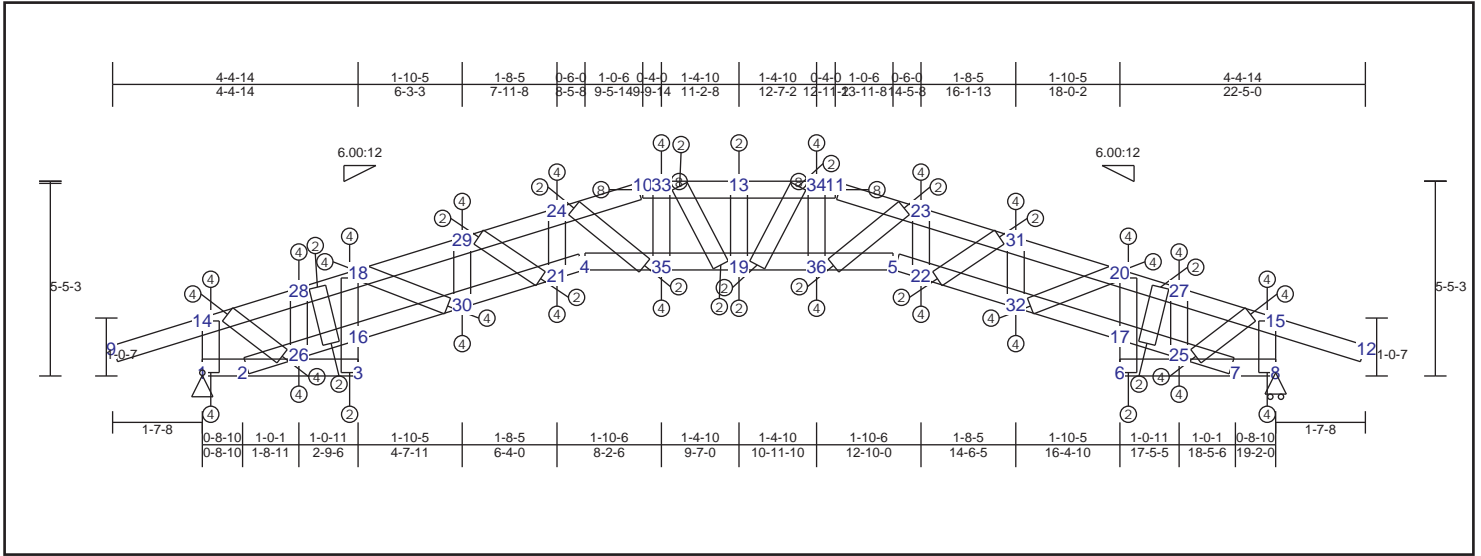
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
9-13	0.24	54 lbs	0 lbs	1-2	0.15	71 lbs	-47 lbs	20-22	0.32	-1181 lbs	-1181 lbs
13-22	0.47	-1306 lbs	-1306 lbs	2-3	0.05	71 lbs	-19 lbs	3-15	0.46	-875 lbs	-875 lbs
17-22	0.31	-1683 lbs	-1683 lbs	6-7	0.05	69 lbs	-10 lbs	15-17	0.48	-1108 lbs	-1108 lbs
17-29	0.67	-2107 lbs	-2107 lbs	7-8	0.15	69 lbs	-10 lbs	6-16	0.46	-875 lbs	-875 lbs
10-29	0.84	-2605 lbs	-2605 lbs	4-31	0.46	2466 lbs	-934 lbs	16-18	0.48	-1108 lbs	-1108 lbs
11-23	0.84	-2606 lbs	-2606 lbs	31-32	0.58	2625 lbs	-1004 lbs	19-21	0.32	-1181 lbs	-1181 lbs
18-23	0.67	-2108 lbs	-2108 lbs	32-33	0.89	2793 lbs	-1054 lbs	8-14	0.36	-1319 lbs	-1319 lbs
18-21	0.31	-1684 lbs	-1684 lbs	33-34	0.88	2793 lbs	-1054 lbs	1-13	0.36	-1318 lbs	-1318 lbs
14-21	0.47	-1306 lbs	-1306 lbs	34-35	0.58	2625 lbs	-942 lbs	29-30	0.13	-463 lbs	-463 lbs
12-14	0.24	54 lbs	0 lbs	5-35	0.39	2467 lbs	-768 lbs	28-31	0.09	766 lbs	-315 lbs
10-28	0.90	-2530 lbs	-2530 lbs	5-36	0.30	1855 lbs	-519 lbs	23-36	0.13	-463 lbs	-463 lbs
27-28	0.90	-2689 lbs	-2689 lbs	16-36	0.29	1639 lbs	-450 lbs	24-34	0.27	-987 lbs	-987 lbs
26-27	0.46	-2858 lbs	-2858 lbs	16-19	0.40	1358 lbs	-367 lbs	25-35	0.07	768 lbs	-227 lbs
24-26	0.46	-2858 lbs	-2858 lbs	7-19	0.46	367 lbs	-143 lbs	27-32	0.27	-987 lbs	-987 lbs
24-25	0.90	-2689 lbs	-2689 lbs	2-20	0.46	365 lbs	-198 lbs	26-33	0.04	-160 lbs	-160 lbs
11-25	0.90	-2531 lbs	-2531 lbs	15-20	0.40	1357 lbs	-576 lbs	13-20	0.14	1358 lbs	-505 lbs
				15-30	0.28	1638 lbs	-656 lbs	15-17	0.10	842 lbs	-356 lbs
				4-30	0.31	1854 lbs	-736 lbs	16-18	0.08	841 lbs	-294 lbs
								14-19	0.13	1359 lbs	-353 lbs
								23-35	0.11	1013 lbs	-390 lbs
								29-31	0.10	1014 lbs	-352 lbs
								17-30	0.05	534 lbs	-168 lbs
								28-32	0.08	367 lbs	-289 lbs
								27-33	0.05	395 lbs	-171 lbs
								24-33	0.07	394 lbs	-261 lbs
								25-34	0.11	-404 lbs	-404 lbs
								18-36	0.05	534 lbs	-167 lbs

TRUSS TB04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.82 (23 - 31)	TL(V): 0.19 in.	L / 343	L / 90
BC : 0.51 (30 - 21)	LL(V): 0.12 in.	L / 540	L / 90
Web : 0.43 (17 - 20)	DL(V): 0.07 in.	L / 940	L / 0
	Cant / OH TL: 0.12 in.	2L / 49	2L / 90
	Cant / OH LL: 0.12 in.	2L / 49	2L / 90
	Horiz TL: 0.13 in.		8
	Web :		
	Snow/Wind -0.11 in.	L / 621	L / 90
	Cant (Snow/Wind) -0.11 in.L / 56	(4-35)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-70 lbs	1100 lbs	0 lbs	-590 lbs	-70 lbs
8	HRoll		0 lbs	1100 lbs	0 lbs	-570 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
5-5-3	22-5-0

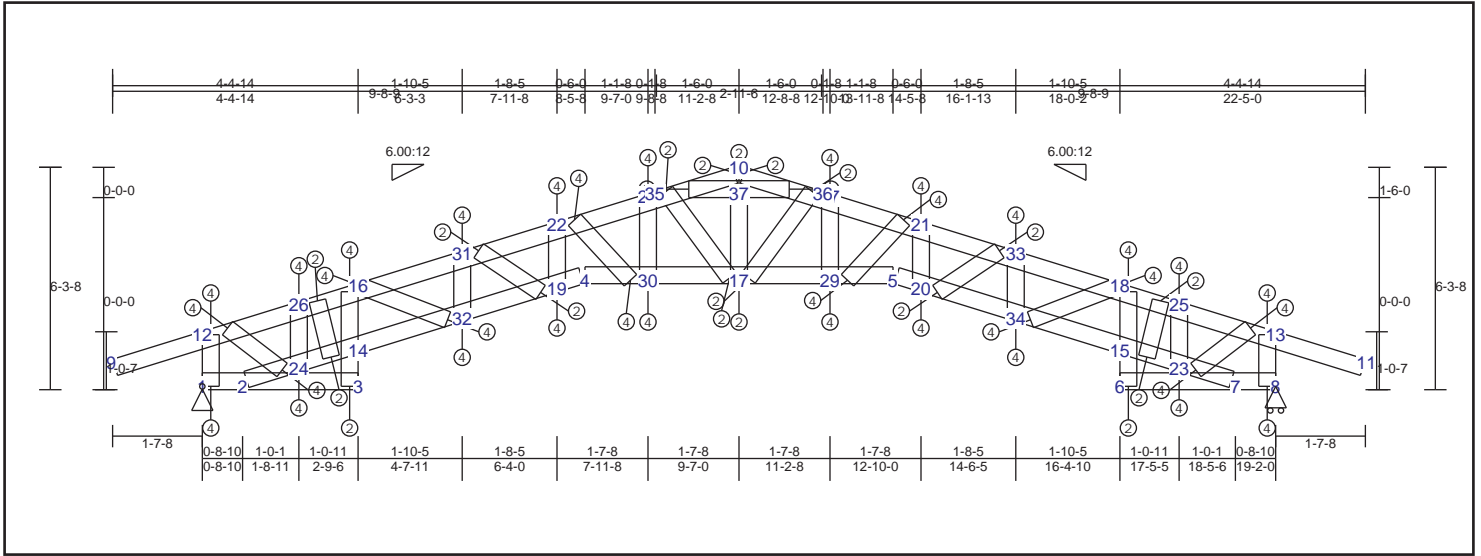
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
10-33	0.50	-2079 lbs	-2079 lbs	2-26	0.44	308 lbs	-191 lbs	26-28	0.32	-1161 lbs	-1161 lbs
13-33	0.50	-2079 lbs	-2079 lbs	16-26	0.40	1283 lbs	-543 lbs	3-16	0.40	-685 lbs	-685 lbs
13-34	0.50	-2079 lbs	-2079 lbs	16-30	0.34	1840 lbs	-726 lbs	16-18	0.42	-931 lbs	-931 lbs
11-34	0.50	-2079 lbs	-2079 lbs	21-30	0.51	2641 lbs	-965 lbs	29-30	0.39	-1412 lbs	-1412 lbs
11-23	0.69	-2396 lbs	-2396 lbs	4-21	0.49	2641 lbs	-965 lbs	21-24	0.12	999 lbs	-447 lbs
23-31	0.82	-2884 lbs	-2884 lbs	4-35	0.35	2380 lbs	-832 lbs	33-35	0.15	1168 lbs	-546 lbs
20-31	0.63	-2737 lbs	-2737 lbs	19-35	0.35	1998 lbs	-603 lbs	13-19	0.09	-319 lbs	-319 lbs
20-27	0.38	-1611 lbs	-1611 lbs	19-36	0.33	1998 lbs	-538 lbs	34-36	0.11	1169 lbs	-400 lbs
15-27	0.46	-1277 lbs	-1277 lbs	5-36	0.34	2381 lbs	-633 lbs	22-23	0.09	1000 lbs	-326 lbs
12-15	0.24	54 lbs	0 lbs	1-2	0.13	106 lbs	-74 lbs	31-32	0.39	-1412 lbs	-1412 lbs
9-14	0.24	54 lbs	0 lbs	2-3	0.05	106 lbs	-32 lbs	6-17	0.40	-684 lbs	-684 lbs
14-28	0.46	-1276 lbs	-1276 lbs	6-7	0.04	105 lbs	-21 lbs	17-20	0.43	-930 lbs	-930 lbs
18-28	0.38	-1610 lbs	-1610 lbs	7-8	0.13	105 lbs	-21 lbs	25-27	0.32	-1162 lbs	-1162 lbs
18-29	0.63	-2736 lbs	-2736 lbs	5-22	0.43	2642 lbs	-699 lbs	8-15	0.35	-1292 lbs	-1292 lbs
24-29	0.82	-2883 lbs	-2883 lbs	22-32	0.49	2642 lbs	-699 lbs	1-14	0.35	-1292 lbs	-1292 lbs
10-24	0.69	-2396 lbs	-2396 lbs	17-32	0.34	1842 lbs	-481 lbs	14-26	0.12	1316 lbs	-452 lbs
				17-25	0.40	1284 lbs	-354 lbs	16-18	0.07	656 lbs	-263 lbs
				7-25	0.44	310 lbs	-110 lbs	18-30	0.10	1065 lbs	-364 lbs
								21-29	0.05	571 lbs	-118 lbs
								24-35	0.17	-631 lbs	-631 lbs
								19-33	0.09	-337 lbs	-337 lbs
								19-34	0.09	-337 lbs	-337 lbs
								23-36	0.17	-632 lbs	-632 lbs
								22-31	0.05	570 lbs	-159 lbs
								20-32	0.10	1065 lbs	-309 lbs
								17-20	0.06	655 lbs	-200 lbs
								15-25	0.12	1317 lbs	-361 lbs

TRUSS TB05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.84 (21 - 33)	TL(V): 0.22 in.	L / 374 (5-20)	L / 90
BC : 0.49 (20 - 34)	LL(V): 0.14 in.	L / 590 (5-20)	L / 90
Web : 0.59 (35 - 37)	DL(V): 0.08 in.	L / 829 (29-5)	L / 0
	Cant / OH TL: 0.14 in.	2L / 961 (5-20)	2L / 90
	Cant / OH LL: 0.14 in.	2L / 961 (5-20)	2L / 90
	Horiz TL: 0.14 in.	8	
	Web :		
	Snow/Wind -0.12 in.	L / 711 (19-4)	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 0 (4-30)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-100 lbs	1100 lbs	0 lbs	-560 lbs	-100 lbs
8	HRoll		0 lbs	1100 lbs	0 lbs	-560 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
6-2-11	22-5-0

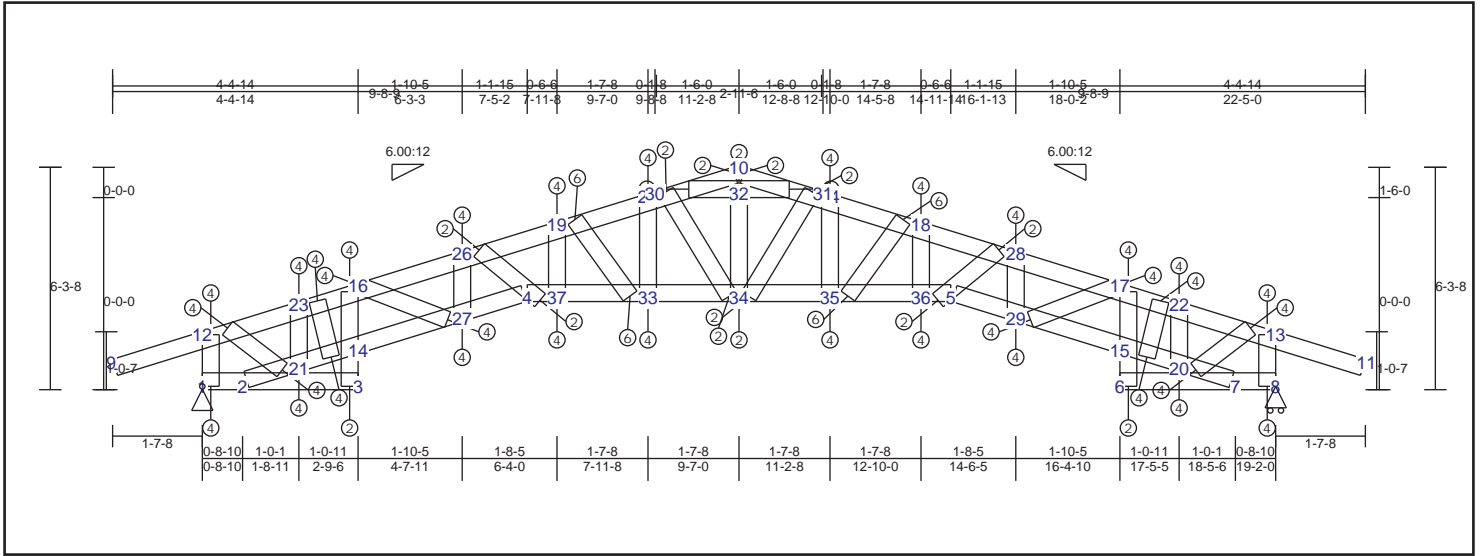
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force
9-12	0.24	54 lbs	0 lbs	2-24	0.44	307 lbs	-201 lbs	1-12	0.35	-1294 lbs	-1294 lbs
12-26	0.46	-1278 lbs	-1278 lbs	14-24	0.40	1284 lbs	-532 lbs	24-26	0.32	-1161 lbs	-1161 lbs
16-26	0.39	-1612 lbs	-1612 lbs	14-32	0.35	1846 lbs	-701 lbs	3-14	0.40	-684 lbs	-684 lbs
16-31	0.64	-2759 lbs	-2759 lbs	19-32	0.49	2668 lbs	-923 lbs	14-16	0.43	-927 lbs	-927 lbs
22-31	0.84	-2911 lbs	-2911 lbs	4-19	0.49	2668 lbs	-923 lbs	31-32	0.40	-1449 lbs	-1449 lbs
22-28	0.70	-2385 lbs	-2385 lbs	4-30	0.40	2400 lbs	-785 lbs	19-22	0.13	1085 lbs	-496 lbs
28-35	0.45	-1723 lbs	-1723 lbs	17-30	0.33	1932 lbs	-543 lbs	28-30	0.15	1250 lbs	-559 lbs
10-35	0.52	-1738 lbs	-1738 lbs	17-29	0.23	1933 lbs	-467 lbs	27-29	0.12	1251 lbs	-445 lbs
10-36	0.52	-1738 lbs	-1738 lbs	5-29	0.40	2401 lbs	-597 lbs	20-21	0.11	1086 lbs	-394 lbs
27-36	0.45	-1723 lbs	-1723 lbs	1-2	0.13	111 lbs	-96 lbs	33-34	0.40	-1449 lbs	-1449 lbs
21-27	0.70	-2386 lbs	-2386 lbs	2-3	0.07	111 lbs	-39 lbs	6-15	0.41	-683 lbs	-683 lbs
21-33	0.84	-2912 lbs	-2912 lbs	6-7	0.05	110 lbs	-25 lbs	15-18	0.43	-926 lbs	-926 lbs
18-33	0.64	-2760 lbs	-2760 lbs	7-8	0.13	110 lbs	-25 lbs	23-25	0.32	-1161 lbs	-1161 lbs
18-25	0.39	-1613 lbs	-1613 lbs	5-20	0.46	2669 lbs	-685 lbs	8-13	0.35	-1295 lbs	-1295 lbs
13-25	0.46	-1279 lbs	-1279 lbs	20-34	0.49	2669 lbs	-685 lbs	35-37	0.59	-2366 lbs	-2366 lbs
11-13	0.24	54 lbs	0 lbs	15-34	0.35	1848 lbs	-510 lbs	36-37	0.59	-2366 lbs	-2366 lbs
				15-23	0.40	1285 lbs	-371 lbs	17-37	0.07	684 lbs	-235 lbs
				7-23	0.44	309 lbs	-101 lbs	12-24	0.12	1319 lbs	-415 lbs
								14-16	0.06	650 lbs	-234 lbs
								16-32	0.10	1074 lbs	-338 lbs
								19-31	0.06	586 lbs	-106 lbs
								22-30	0.26	-940 lbs	-940 lbs
								17-28	0.20	-720 lbs	-720 lbs
								17-27	0.20	-721 lbs	-721 lbs
								21-29	0.26	-941 lbs	-941 lbs
								20-33	0.06	586 lbs	-151 lbs
								18-34	0.10	1074 lbs	-288 lbs
								15-25	0.06	649 lbs	-206 lbs
								13-23	0.12	1320 lbs	-379 lbs

TRUSS TB06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.55 (18 - 28)	TL(V): 0.13 in.	L / 699 (36-5)	L / 90
BC : 0.65 (35 - 36)	LL(V): 0.08 in.	L / 999 (36-5)	L / 90
Web : 0.47 (35 - 18)	DL(V): 0.05 in.	L / 999 (5-29)	L / 0
	Cant / OH TL: 0.08 in.	2L / 920 (36-5)	2L / 90
	Cant / OH LL: 0.08 in.	2L / 920 (36-5)	2L / 90
	Horiz TL: 0.09 in.	8	
	Web :		
	Snow/Wind -0.08 in.	L / 999 (4-37)	L / 90
	Cant (Snow/Wind) -0.08 in.L / 999	(4-37)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-100 lbs	1100 lbs	0 lbs	-560 lbs	-100 lbs
8	HRoll		0 lbs	1100 lbs	0 lbs	-560 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
6-2-11	22-5-0

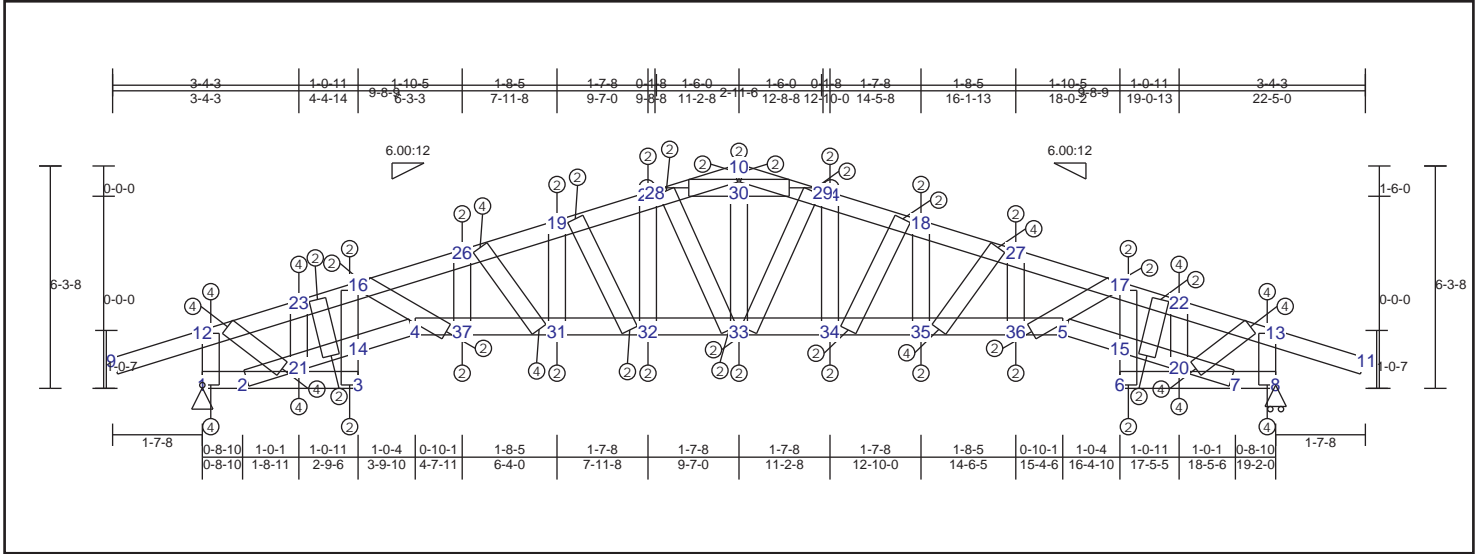
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
10-31	0.35	-1430 lbs	-1430 lbs	6-7	0.04	92 lbs	-19 lbs	1-12	0.35	-1306 lbs	-1306 lbs
24-31	0.36	-1417 lbs	-1417 lbs	7-8	0.14	92 lbs	-19 lbs	21-23	0.32	-1166 lbs	-1166 lbs
18-24	0.54	-1904 lbs	-1904 lbs	1-2	0.13	96 lbs	-96 lbs	3-14	0.44	-783 lbs	-783 lbs
18-28	0.55	-2455 lbs	-2455 lbs	2-3	0.05	93 lbs	-27 lbs	14-16	0.46	-1062 lbs	-1062 lbs
17-28	0.48	-2386 lbs	-2386 lbs	2-21	0.45	332 lbs	-213 lbs	26-27	0.21	-763 lbs	-763 lbs
17-22	0.33	-1660 lbs	-1660 lbs	14-21	0.40	1332 lbs	-552 lbs	28-29	0.21	-763 lbs	-763 lbs
13-22	0.47	-1290 lbs	-1290 lbs	14-27	0.29	1780 lbs	-678 lbs	6-15	0.44	-782 lbs	-782 lbs
11-13	0.24	54 lbs	0 lbs	4-27	0.35	2128 lbs	-795 lbs	15-17	0.46	-1062 lbs	-1062 lbs
9-12	0.24	54 lbs	0 lbs	5-29	0.35	2129 lbs	-579 lbs	20-22	0.32	-1167 lbs	-1167 lbs
12-23	0.47	-1289 lbs	-1289 lbs	15-29	0.29	1781 lbs	-492 lbs	8-13	0.35	-1306 lbs	-1306 lbs
16-23	0.33	-1659 lbs	-1659 lbs	15-20	0.40	1333 lbs	-384 lbs	19-37	0.16	1274 lbs	-597 lbs
16-26	0.48	-2385 lbs	-2385 lbs	7-20	0.45	333 lbs	-109 lbs	25-33	0.15	1003 lbs	-503 lbs
19-26	0.55	-2454 lbs	-2454 lbs	4-37	0.43	2117 lbs	-719 lbs	24-35	0.13	1004 lbs	-419 lbs
19-25	0.54	-1904 lbs	-1904 lbs	33-37	0.62	2117 lbs	-719 lbs	18-36	0.13	1276 lbs	-474 lbs
25-30	0.36	-1417 lbs	-1417 lbs	33-34	0.37	1440 lbs	-400 lbs	30-32	0.40	-1775 lbs	-1775 lbs
10-30	0.35	-1430 lbs	-1430 lbs	34-35	0.37	1441 lbs	-348 lbs	31-32	0.40	-1775 lbs	-1775 lbs
				35-36	0.65	2118 lbs	-531 lbs	32-34	0.06	404 lbs	-160 lbs
				5-36	0.42	2118 lbs	-531 lbs	12-21	0.13	1337 lbs	-425 lbs
								14-16	0.08	752 lbs	-279 lbs
								16-27	0.08	855 lbs	-258 lbs
								17-29	0.08	855 lbs	-233 lbs
								15-22	0.07	751 lbs	-235 lbs
								13-20	0.13	1338 lbs	-384 lbs
								19-33	0.47	-1658 lbs	-1658 lbs
								26-37	0.04	444 lbs	-83 lbs
								25-34	0.08	-232 lbs	-232 lbs
								24-34	0.08	-232 lbs	-232 lbs
								28-36	0.04	443 lbs	-117 lbs
								18-35	0.47	-1659 lbs	-1659 lbs

TRUSS TB07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.56 (27 - 17)	TL(V): 0.09 in.	L / 999 (4-37)	L / 90
BC : 0.46 (20 - 7)	LL(V): 0.05 in.	L / 999 (4-37)	L / 90
Web : 0.40 (15 - 17)	DL(V): 0.03 in.	L / 999 (5-15)	L / 0
	Cant / OH TL: 0.05 in.	2L / 999 (4-37)	2L / 90
	Cant / OH LL: 0.05 in.	2L / 999 (4-37)	2L / 90
	Horiz TL: 0.05 in.	8	
	Web :		
	Snow/Wind -0.05 in.	L / 999 (4-37)	L / 90
	Cant (Snow/Wind) -0.05 in.	L / 999 (4-37)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-100 lbs	1100 lbs	0 lbs	-570 lbs	-100 lbs
8	HRoll		0 lbs	1100 lbs	0 lbs	-570 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6'-2-11	22'-5-0

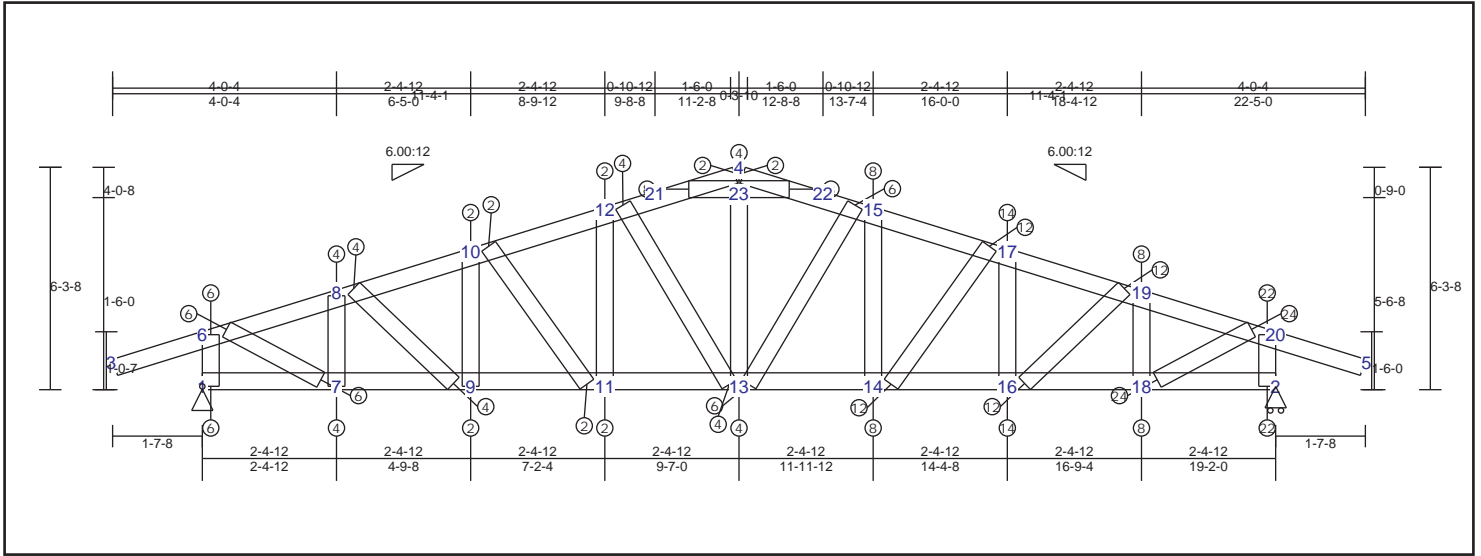
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
10-29	0.28	-1101 lbs	-1101 lbs	6-7	0.05	55 lbs	-9 lbs	1-12	0.36	-1317 lbs	-1317 lbs
24-29	0.24	-1085 lbs	-1085 lbs	7-8	0.14	55 lbs	-9 lbs	21-23	0.34	-1261 lbs	-1261 lbs
18-24	0.31	-1357 lbs	-1357 lbs	1-2	0.14	96 lbs	-96 lbs	3-14	0.33	-633 lbs	-633 lbs
18-27	0.39	-1597 lbs	-1597 lbs	2-3	0.05	60 lbs	-15 lbs	14-16	0.40	-666 lbs	-666 lbs
17-27	0.56	-1834 lbs	-1834 lbs	2-21	0.46	376 lbs	-232 lbs	6-15	0.33	-632 lbs	-632 lbs
17-22	0.42	-1618 lbs	-1618 lbs	14-21	0.41	1288 lbs	-540 lbs	15-17	0.40	-666 lbs	-666 lbs
13-22	0.47	-1342 lbs	-1342 lbs	4-14	0.21	1288 lbs	-540 lbs	20-22	0.34	-1262 lbs	-1262 lbs
11-13	0.24	54 lbs	0 lbs	5-15	0.14	1289 lbs	-374 lbs	8-13	0.36	-1317 lbs	-1317 lbs
9-12	0.24	54 lbs	0 lbs	15-20	0.41	1289 lbs	-374 lbs	27-36	0.05	483 lbs	-170 lbs
12-23	0.47	-1341 lbs	-1341 lbs	7-20	0.46	378 lbs	-123 lbs	18-35	0.11	670 lbs	-319 lbs
16-23	0.42	-1617 lbs	-1617 lbs	4-37	0.34	1631 lbs	-626 lbs	24-34	0.16	522 lbs	-314 lbs
16-26	0.56	-1833 lbs	-1833 lbs	31-37	0.34	1631 lbs	-626 lbs	25-32	0.17	521 lbs	-341 lbs
19-26	0.39	-1596 lbs	-1596 lbs	31-32	0.30	1249 lbs	-415 lbs	19-31	0.12	669 lbs	-377 lbs
19-25	0.31	-1357 lbs	-1357 lbs	32-33	0.20	1058 lbs	-296 lbs	26-37	0.07	481 lbs	-243 lbs
25-28	0.24	-1085 lbs	-1085 lbs	33-34	0.20	1058 lbs	-260 lbs	28-30	0.30	-1379 lbs	-1379 lbs
10-28	0.28	-1101 lbs	-1101 lbs	34-35	0.31	1250 lbs	-312 lbs	29-30	0.30	-1379 lbs	-1379 lbs
				35-36	0.31	1632 lbs	-452 lbs	30-33	0.08	286 lbs	-130 lbs
				5-36	0.25	1632 lbs	-452 lbs	12-21	0.13	1360 lbs	-439 lbs
								14-16	0.06	598 lbs	-214 lbs
								15-22	0.06	597 lbs	-190 lbs
								13-20	0.13	1361 lbs	-392 lbs
								17-36	0.06	651 lbs	-182 lbs
								27-35	0.26	-939 lbs	-939 lbs
								18-34	0.26	-660 lbs	-660 lbs
								24-33	0.08	192 lbs	-141 lbs
								25-33	0.08	199 lbs	-141 lbs
								16-37	0.06	651 lbs	-190 lbs
								26-31	0.26	-937 lbs	-937 lbs
								19-32	0.26	-659 lbs	-659 lbs

TRUSS TB08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.91 (19 - 20)	TL(V): -0.25 in.	L / 607	L / 90
BC : 0.91 (16 - 18)	LL(V): -0.11 in.	L / 999	L / 90
Web : 0.91 (14 - 17)	DL(V): -0.14 in.	L / 999	L / 0
	Cant / OH TL: -0.11 in.	2L / 399	2L / 90
	Cant / OH LL: -0.11 in.	2L / 399	2L / 90
	Horiz TL: 0.07 in.	5	5
	Web :		
	Snow/Wind -0.16 in.	L / 938	L / 90
	Cant (Snow/Wind) -0.16 in. / 266	5	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-100 lbs	1760 lbs	0 lbs	0 lbs	-100 lbs
2	HRoll		0 lbs	7430 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
6-2-11	22-5-0

Material Design Pass

Point Loads

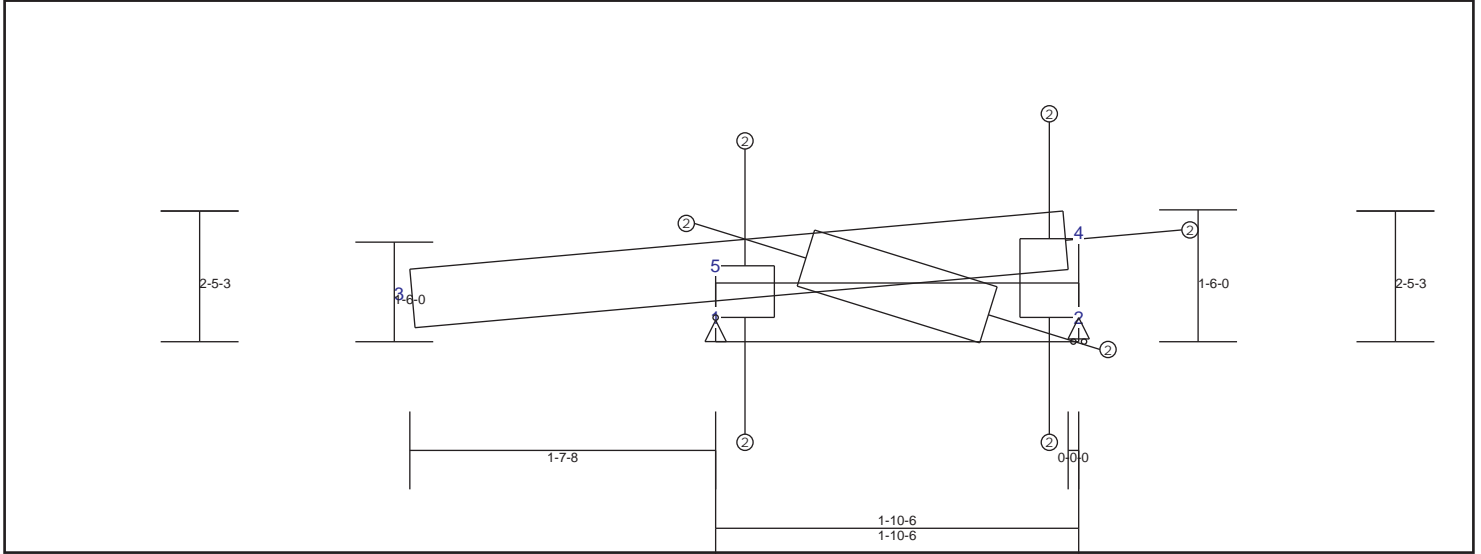
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB18-19	0-0-0	0-0-0	Concentrated	Dead	Down	Global	2400 lbs	2400 lbs	0 in.
WB18-19	0-0-0	0-0-0	Concentrated	Live	Down	Global	1800 lbs	1800 lbs	0 in.
WB18-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	4200 lbs	4200 lbs	0 in.
WB18-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	4200 lbs	4200 lbs	0 in.

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.24	54 lbs	0 lbs	1-7	0.47	1396 lbs	-96 lbs	1-6	0.48	-1779 lbs	-1779 lbs
6-8	0.73	-1919 lbs	-1919 lbs	7-9	0.47	1804 lbs	0 lbs	7-8	0.35	-1255 lbs	-1255 lbs
8-10	0.41	-2110 lbs	-2110 lbs	9-11	0.28	1905 lbs	0 lbs	9-10	0.25	-511 lbs	-511 lbs
10-12	0.40	-2110 lbs	-2110 lbs	11-13	0.70	2068 lbs	0 lbs	11-12	0.46	-566 lbs	-566 lbs
12-21	0.46	-2100 lbs	-2100 lbs	13-14	0.91	2774 lbs	0 lbs	14-15	0.28	2948 lbs	0 lbs
4-21	0.39	-2064 lbs	-2064 lbs	14-16	0.91	4276 lbs	0 lbs	16-17	0.42	4495 lbs	-13 lbs
4-22	0.56	-2132 lbs	-2132 lbs	16-18	0.91	6297 lbs	0 lbs	18-19	0.24	2526 lbs	-120 lbs
15-22	0.91	-2132 lbs	-2132 lbs	2-18	0.91	6297 lbs	0 lbs	2-20	0.91	-7415 lbs	-7415 lbs
15-17	0.91	-3242 lbs	-3242 lbs					21-23	0.90	-2324 lbs	-2324 lbs
17-19	0.91	-5490 lbs	-5490 lbs					22-23	0.90	-2324 lbs	-2324 lbs
19-20	0.91	-6456 lbs	-6456 lbs					13-23	0.14	1445 lbs	0 lbs
5-20	0.24	54 lbs	0 lbs					6-7	0.17	1789 lbs	0 lbs
								8-9	0.07	788 lbs	0 lbs
								10-11	0.05	508 lbs	-61 lbs
								12-13	0.08	798 lbs	-63 lbs
								13-15	0.91	-2146 lbs	-2146 lbs
								14-17	0.91	-3752 lbs	-3752 lbs
								16-19	0.91	-3961 lbs	-3961 lbs
								18-20	0.78	8314 lbs	0 lbs

TRUSS TB09 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI

calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.40 (5 - 4)	TL(V): 0.01 in.	L / 999	3	L / 90
BC : 0.16 (1 - 2)	LL(V): 0.01 in.	L / 999	3	L / 90
Web : 0.10 (1 - 5)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	3	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	3	2L / 90
	Horiz TL: 0.01 in.		3	
	Web :			
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		150 lbs	290 lbs	0 lbs	-270 lbs	150 lbs
2	HRoll		0 lbs	-60 lbs	-10 lbs	-60 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-4-6	3-5-14

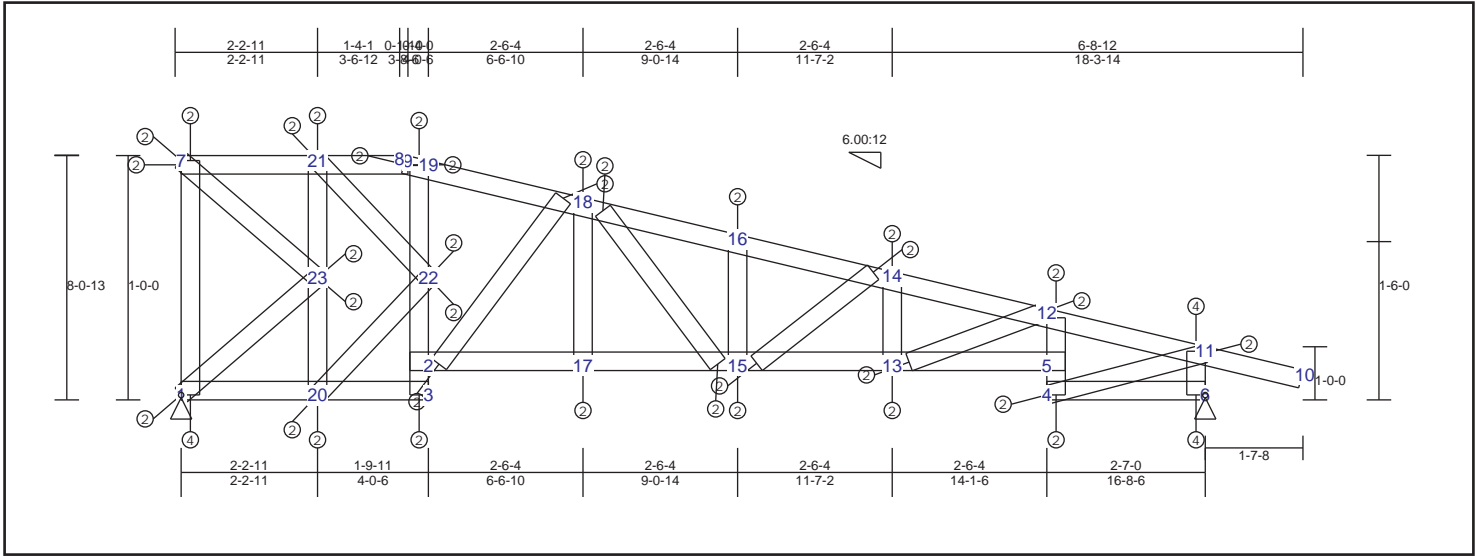
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.33	54 lbs	0 lbs	1-2	0.16	-149 lbs	-149 lbs	1-5	0.10	-271 lbs	-271 lbs
4-5	0.40	105 lbs	-67 lbs					2-4	0.07	-205 lbs	-205 lbs
								2-5	0.04	300 lbs	-115 lbs

TRUSS TC01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.31 (12 - 11)	TL(V): 0.01 in.	L / 999	(15-13)	L / 90
BC : 0.21 (4 - 6)	LL(V): 0.01 in.	L / 999	(15-13)	L / 90
Web : 0.69 (2 - 19)	DL(V): 0 in.	L / 999	(7-21)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	(15-13)	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	(15-13)	2L / 90
	Horiz TL: -0.01 in.		14	
	Web :			
	Snow/Wind -0.03 in.	L / 999	10	L / 90
	Cant (Snow/Wind) -0.03 in.L / 999		10	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		630 lbs	820 lbs	0 lbs	-490 lbs	630 lbs
6	Pin		-500 lbs	930 lbs	0 lbs	-470 lbs	-500 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-2-5	18-5-7

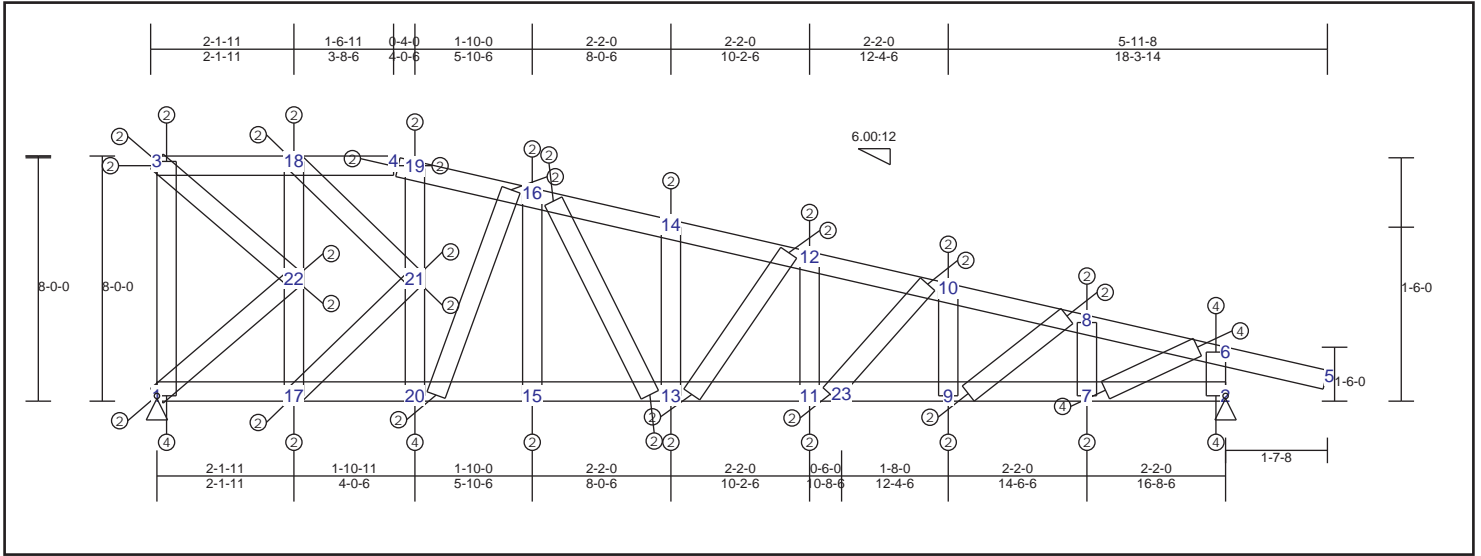
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
7-21	0.12	-199 lbs	-199 lbs	4-6	0.21	-502 lbs	-502 lbs	6-11	0.25	-929 lbs	-929 lbs
9-21	0.12	-307 lbs	-307 lbs	2-17	0.10	197 lbs	-140 lbs	4-5	0.08	-284 lbs	-284 lbs
9-19	0.06	-399 lbs	-399 lbs	15-17	0.20	197 lbs	-140 lbs	5-12	0.12	-284 lbs	-284 lbs
18-19	0.24	-399 lbs	-399 lbs	13-15	0.19	194 lbs	-169 lbs	13-14	0.04	-116 lbs	-116 lbs
16-18	0.23	-789 lbs	-789 lbs	5-13	0.09	-206 lbs	-206 lbs	15-16	0.15	-257 lbs	-257 lbs
14-16	0.17	-789 lbs	-789 lbs	1-20	0.16	471 lbs	-429 lbs	17-18	0.06	116 lbs	-63 lbs
12-14	0.20	-861 lbs	-861 lbs	3-20	0.17	471 lbs	-429 lbs	2-3	0.20	17 lbs	-10 lbs
11-12	0.31	-830 lbs	-830 lbs					2-22	0.35	605 lbs	-563 lbs
10-11	0.26	52 lbs	0 lbs					19-22	0.06	291 lbs	-246 lbs
								1-7	0.21	-809 lbs	-809 lbs
								20-23	0.08	-405 lbs	-405 lbs
								21-23	0.08	-405 lbs	-405 lbs
								4-11	0.07	653 lbs	-248 lbs
								20-22	0.19	348 lbs	-345 lbs
								21-22	0.12	264 lbs	-222 lbs
								1-23	0.28	-428 lbs	-428 lbs
								7-23	0.22	417 lbs	-336 lbs
								12-13	0.01	132 lbs	-25 lbs
								14-15	0.12	337 lbs	-266 lbs
								15-18	0.58	-562 lbs	-562 lbs
								2-19	0.69	-572 lbs	-572 lbs

TRUSS TC02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.30 (8 - 6)	TL(V): 0.02 in.	L / 999 (13-11)	L / 90
BC : 0.31 (17 - 20)	LL(V): 0.02 in.	L / 999 (13-11)	L / 90
Web : 0.77 (20 - 16)	DL(V): 0 in.	L / 999 (3-18)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: -0.01 in.	12	
	Web :		
	Snow/Wind -0.03 in.	L / 999 5	L / 90
	Cant (Snow/Wind) -0.03 in.L / 999	5	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		480 lbs	820 lbs	0 lbs	-490 lbs	480 lbs
2	Pin		-390 lbs	930 lbs	0 lbs	-470 lbs	-390 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-1-9	18-5-8

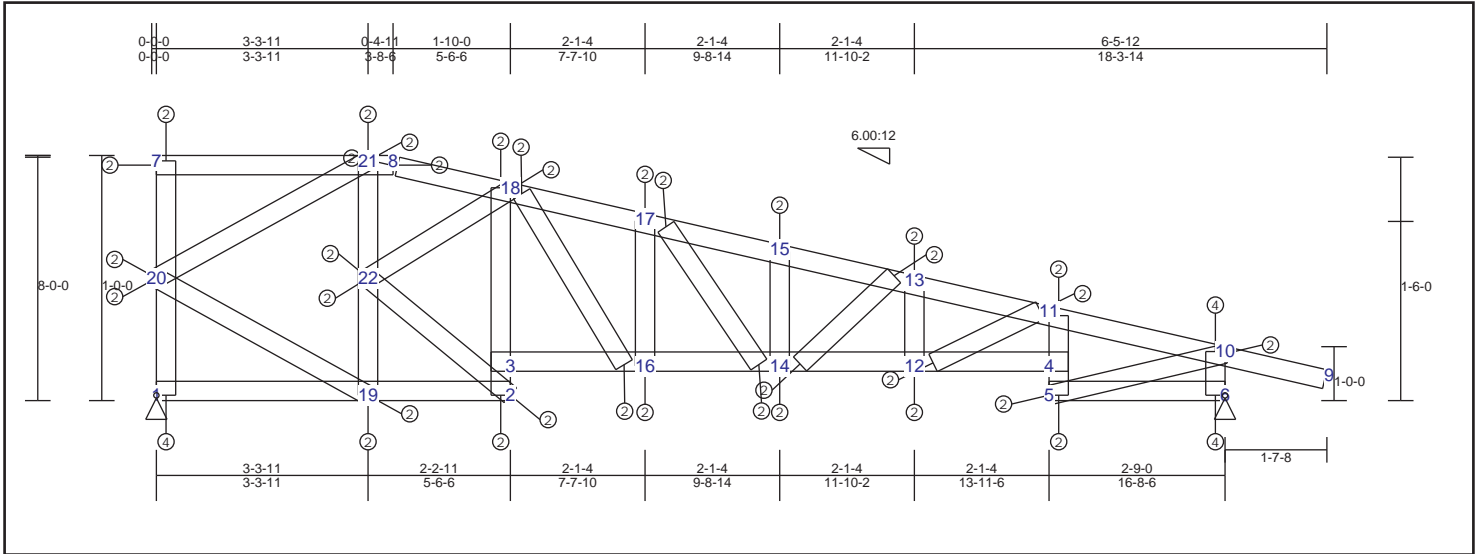
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-18	0.15	-186 lbs	-186 lbs	1-17	0.12	364 lbs	-297 lbs	2-6	0.26	-944 lbs	-944 lbs
4-18	0.15	-341 lbs	-341 lbs	17-20	0.31	364 lbs	-297 lbs	7-8	0.15	-552 lbs	-552 lbs
4-19	0.07	-347 lbs	-347 lbs	15-20	0.31	218 lbs	-148 lbs	9-10	0.05	-116 lbs	-116 lbs
16-19	0.27	-463 lbs	-463 lbs	13-15	0.24	124 lbs	-46 lbs	11-12	0.23	-324 lbs	-324 lbs
14-16	0.27	-725 lbs	-725 lbs	11-13	0.22	242 lbs	-176 lbs	13-14	0.27	-253 lbs	-253 lbs
12-14	0.15	-725 lbs	-725 lbs	9-11	0.11	293 lbs	-262 lbs	15-16	0.05	65 lbs	-35 lbs
10-12	0.17	-789 lbs	-789 lbs	7-9	0.21	293 lbs	-262 lbs	17-22	0.09	-479 lbs	-479 lbs
8-10	0.17	-792 lbs	-792 lbs	2-7	0.21	-391 lbs	-391 lbs	18-22	0.09	-479 lbs	-479 lbs
6-8	0.30	-789 lbs	-789 lbs					1-3	0.35	-797 lbs	-797 lbs
5-6	0.25	54 lbs	0 lbs					20-21	0.14	815 lbs	-768 lbs
								19-21	0.14	815 lbs	-768 lbs
								3-22	0.21	404 lbs	-323 lbs
								1-22	0.27	-415 lbs	-415 lbs
								17-21	0.24	-369 lbs	-369 lbs
								18-21	0.22	361 lbs	-338 lbs
								6-7	0.08	769 lbs	-300 lbs
								8-9	0.02	225 lbs	-44 lbs
								10-11	0.08	229 lbs	-152 lbs
								12-13	0.32	441 lbs	-395 lbs
								13-16	0.77	-651 lbs	-651 lbs
								16-20	0.77	-727 lbs	-727 lbs

TRUSS TC03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.31 (11 - 10)	TL(V): 0.02 in.	L / 999 (14-12)	L / 90
BC : 0.23 (3 - 16)	LL(V): 0.02 in.	L / 999 (14-12)	L / 90
Web : 0.75 (18 - 16)	DL(V): 0 in.	L / 999 (7-21)	L / 0
	Cant / OH TL: 0.02 in.	2L / 999 (14-12)	2L / 90
	Cant / OH LL: 0.02 in.	2L / 999 (14-12)	2L / 90
	Horiz TL: -0.01 in.	13	
	Web :		
	Snow/Wind -0.03 in.	L / 999 (13-11)	L / 90
	Cant (Snow/Wind) -0.03 in.L / 999	(13-11)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12. This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		520 lbs	820 lbs	0 lbs	-580 lbs	520 lbs
6	Pin		-440 lbs	930 lbs	0 lbs	-480 lbs	-440 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
8-2-10	18-5-4

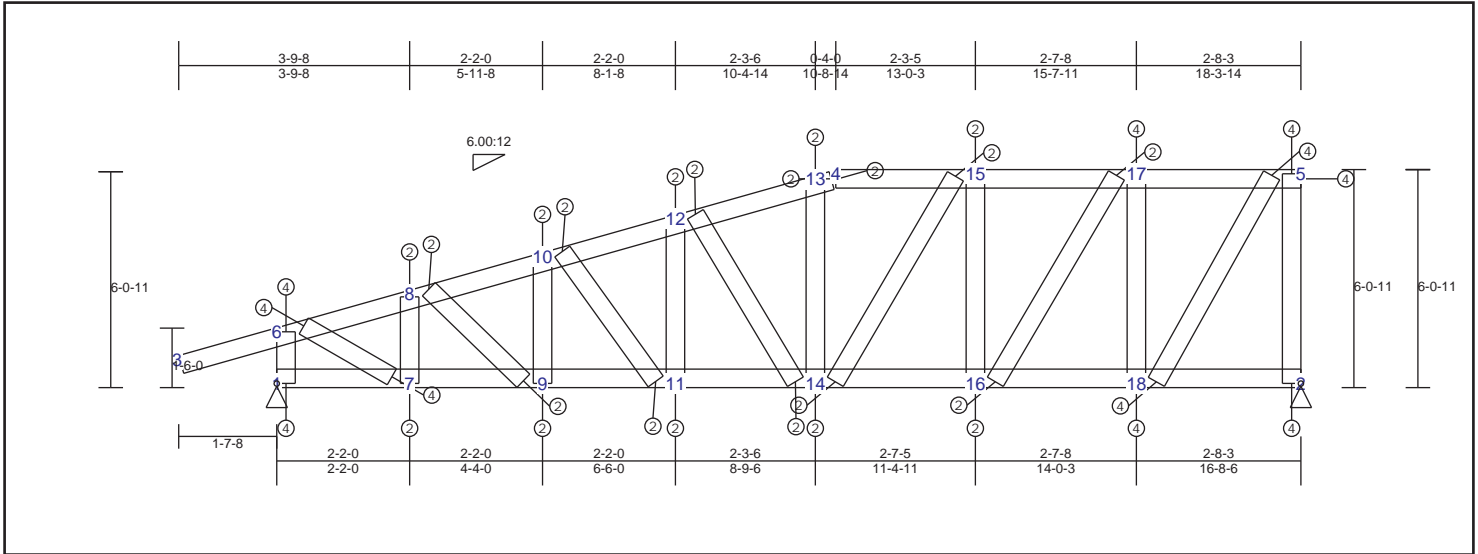
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
7-21	0.08	-256 lbs	-256 lbs	1-19	0.21	-533 lbs	-533 lbs	6-10	0.25	-928 lbs	-928 lbs
8-21	0.07	-256 lbs	-256 lbs	2-19	0.12	275 lbs	-249 lbs	4-5	0.15	-264 lbs	-264 lbs
8-18	0.16	-331 lbs	-331 lbs	3-16	0.23	114 lbs	-82 lbs	4-11	0.21	-264 lbs	-264 lbs
17-18	0.21	-698 lbs	-698 lbs	14-16	0.23	230 lbs	-199 lbs	12-13	0.04	-132 lbs	-132 lbs
15-17	0.19	-836 lbs	-836 lbs	12-14	0.17	-345 lbs	-345 lbs	14-15	0.09	-174 lbs	-174 lbs
13-15	0.16	-836 lbs	-836 lbs	4-12	0.17	-412 lbs	-412 lbs	16-17	0.50	646 lbs	-623 lbs
11-13	0.20	-893 lbs	-893 lbs	5-6	0.19	-443 lbs	-443 lbs	2-3	0.11	-299 lbs	-299 lbs
10-11	0.31	-886 lbs	-886 lbs					3-18	0.18	334 lbs	-325 lbs
9-10	0.26	52 lbs	0 lbs					19-22	0.08	319 lbs	-317 lbs
								21-22	0.08	319 lbs	-317 lbs
								1-20	0.17	-804 lbs	-804 lbs
								7-20	0.11	-461 lbs	-461 lbs
								5-10	0.07	645 lbs	-241 lbs
								20-21	0.12	-453 lbs	-453 lbs
								19-20	0.32	445 lbs	-399 lbs
								2-22	0.23	369 lbs	-358 lbs
								18-22	0.17	-345 lbs	-345 lbs
								11-12	0.01	142 lbs	-54 lbs
								13-14	0.10	333 lbs	-250 lbs
								14-17	0.44	-540 lbs	-540 lbs
								16-18	0.75	594 lbs	-582 lbs

TRUSS TC04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.42 (17 - 5)	TL(V): 0.02 in.	L / 999 (11-14)	L / 90
BC : 0.38 (16 - 18)	LL(V): 0.02 in.	L / 999 (11-14)	L / 90
Web : 0.77 (18 - 17)	DL(V): 0 in.	L / 999 (4-15)	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0.01 in.	12	
	Web :		
	Snow/Wind -0.03 in.	L / 999	3
	Cant (Snow/Wind) -0.03 in.L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		360 lbs	940 lbs	0 lbs	-540 lbs	360 lbs
2	Pin		-440 lbs	800 lbs	0 lbs	-520 lbs	-440 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
6-0-11	18-3-14

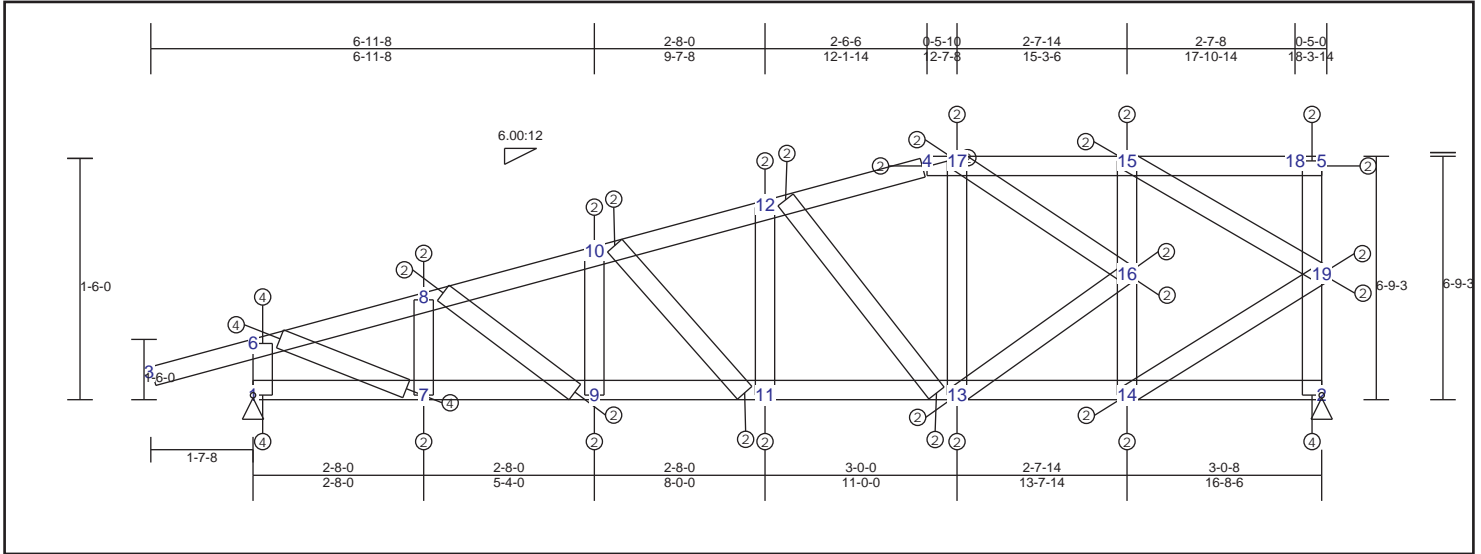
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-15	0.16	-587 lbs	-587 lbs	1-7	0.21	-356 lbs	-356 lbs	1-6	0.26	-956 lbs	-956 lbs
15-17	0.30	-495 lbs	-495 lbs	7-9	0.21	316 lbs	-276 lbs	7-8	0.16	-565 lbs	-565 lbs
5-17	0.42	-295 lbs	-295 lbs	9-11	0.12	316 lbs	-276 lbs	9-10	0.05	-117 lbs	-117 lbs
3-6	0.25	54 lbs	0 lbs	11-14	0.16	272 lbs	-205 lbs	11-12	0.16	-236 lbs	-236 lbs
6-8	0.30	-805 lbs	-805 lbs	14-16	0.19	146 lbs	-72 lbs	13-14	0.12	139 lbs	-111 lbs
8-10	0.17	-808 lbs	-808 lbs	16-18	0.38	198 lbs	-146 lbs	2-5	0.77	-842 lbs	-842 lbs
10-12	0.15	-806 lbs	-806 lbs	2-18	0.38	443 lbs	-441 lbs	15-16	0.63	-520 lbs	-520 lbs
12-13	0.16	-703 lbs	-703 lbs					17-18	0.77	-974 lbs	-974 lbs
4-13	0.12	-582 lbs	-582 lbs					6-7	0.11	785 lbs	-387 lbs
								8-9	0.03	230 lbs	-76 lbs
								10-11	0.07	187 lbs	-130 lbs
								12-14	0.33	417 lbs	-395 lbs
								14-15	0.40	-301 lbs	-301 lbs
								16-17	0.78	635 lbs	-557 lbs
								5-18	0.77	981 lbs	-814 lbs

TRUSS TC05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.30 (6 - 8)	TL(V): 0.01 in.	L / 999	(9-11)	L / 90
BC : 0.17 (11 - 13)	LL(V): 0.01 in.	L / 999	(9-11)	L / 90
Web : 0.77 (12 - 13)	DL(V): 0 in.	L / 999	(4-17)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		15	
	Web :			
	Snow/Wind -0.03 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		350 lbs	940 lbs	0 lbs	-520 lbs	350 lbs
2	Pin		-430 lbs	810 lbs	0 lbs	-540 lbs	-430 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	Section
Bot Chd	362S162-43(33)	Purlin (96 in.)	Material
Web	362S162-43(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
6-11-8	18-5-4

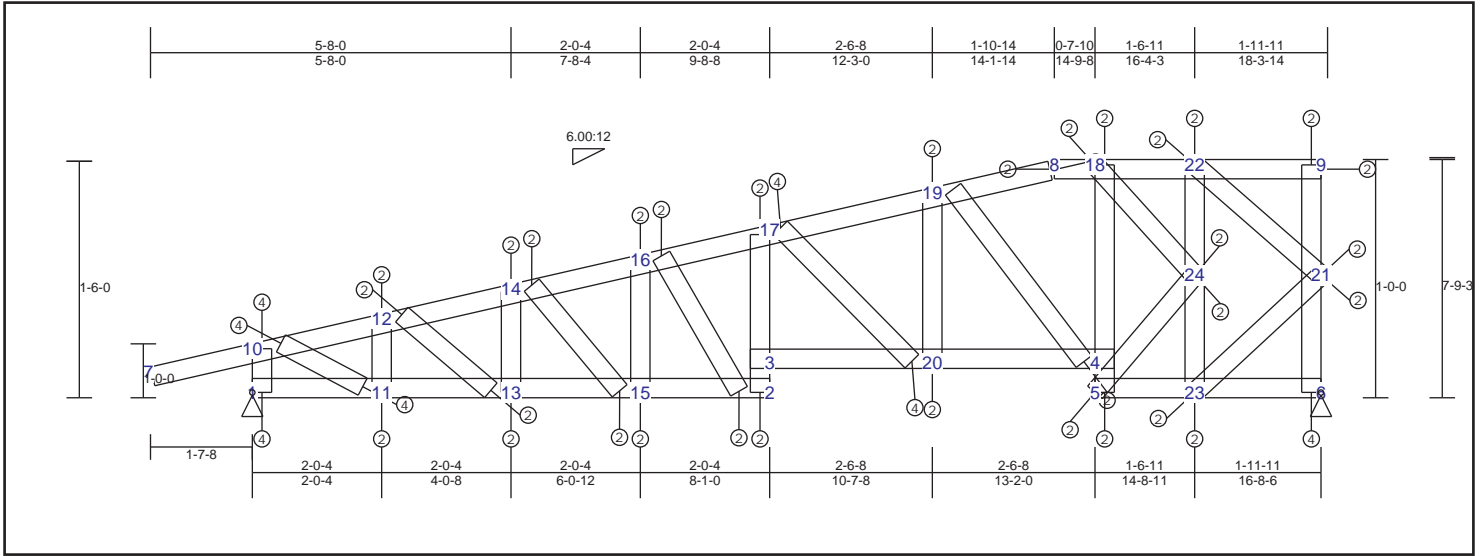
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
4-17	0.12 -464 lbs	1-7	0.17 -349 lbs	11-12	0.28 -304 lbs
15-17	0.12 -464 lbs	7-9	0.17 336 lbs	9-10	0.03 -55 lbs
5-15	0.12 -302 lbs	9-11	0.12 336 lbs	7-8	0.12 -428 lbs
3-6	0.25 54 lbs	11-13	0.17 219 lbs	1-6	0.25 -935 lbs
6-8	0.30 -823 lbs	13-14	0.17 200 lbs	2-19	0.16 -792 lbs
8-10	0.19 -825 lbs	2-14	0.17 468 lbs	5-19	0.13 -429 lbs
10-12	0.17 -751 lbs			14-16	0.06 -378 lbs
4-12	0.15 -558 lbs			15-16	0.06 -378 lbs
				13-17	0.36 259 lbs
				16-17	0.15 -258 lbs
				13-16	0.16 268 lbs
				14-19	0.26 481 lbs
				15-19	0.28 -470 lbs
				12-13	0.58 466 lbs
				10-11	0.19 314 lbs
				8-9	0.01 115 lbs
				6-7	0.10 749 lbs
					-304 lbs
					-55 lbs
					-428 lbs
					-935 lbs
					-792 lbs
					-429 lbs
					-378 lbs
					-378 lbs
					-234 lbs
					-258 lbs
					-251 lbs
					-408 lbs
					-470 lbs
					-465 lbs
					-271 lbs
					-18 lbs
					-350 lbs

TRUSS TC06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.42 (17 - 19)	TL(V): 0.07 in.	L / 988	(3-20)	L / 90
BC : 0.60 (3 - 20)	LL(V): 0.04 in.	L / 999	(3-20)	L / 90
Web : 0.69 (17 - 20)	DL(V): 0.02 in.	L / 999	(3-20)	L / 0
	Cant / OH TL: 0.04 in.	2L / 828	(3-20)	2L / 90
	Cant / OH LL: 0.04 in.	2L / 828	(3-20)	2L / 90
	Horiz TL: 0.02 in.		19	
	Web :			
	Snow/Wind -0.07 in.	L / 976	(3-20)	L / 90
	Cant (Snow/Wind) -0.07 in.L / 529		(3-20)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		630 lbs	930 lbs	0 lbs	-490 lbs	630 lbs
6	Pin		-750 lbs	820 lbs	0 lbs	-570 lbs	-750 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-10-11	18-5-8

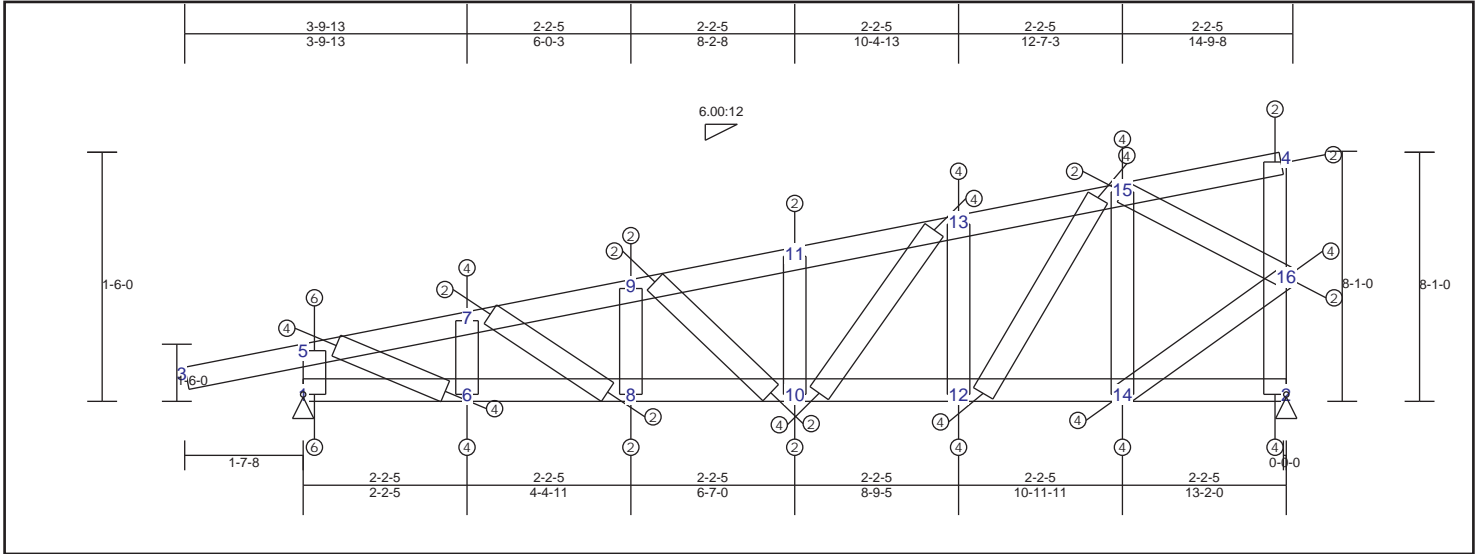
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-18	0.12	-312 lbs	-312 lbs	1-11	0.28	-632 lbs	-632 lbs	1-10	0.26	-955 lbs	-955 lbs
18-22	0.13	-312 lbs	-312 lbs	11-13	0.22	-144 lbs	-144 lbs	11-12	0.17	-610 lbs	-610 lbs
9-22	0.11	-176 lbs	-176 lbs	13-15	0.08	-77 lbs	-77 lbs	13-14	0.06	-147 lbs	-147 lbs
7-10	0.25	54 lbs	0 lbs	2-15	0.15	-102 lbs	-102 lbs	15-16	0.16	-252 lbs	-252 lbs
10-12	0.30	-785 lbs	-785 lbs	3-20	0.60	-441 lbs	-441 lbs	2-3	0.08	-296 lbs	-296 lbs
12-14	0.17	-797 lbs	-797 lbs	4-20	0.58	-441 lbs	-441 lbs	3-17	0.16	-546 lbs	-546 lbs
14-16	0.16	-797 lbs	-797 lbs	5-23	0.22	-578 lbs	-578 lbs	4-5	0.35	-304 lbs	-304 lbs
16-17	0.21	-722 lbs	-722 lbs	6-23	0.28	-767 lbs	-767 lbs	4-18	0.51	-304 lbs	-304 lbs
17-19	0.42	-459 lbs	-459 lbs					19-20	0.22	231 lbs	-208 lbs
8-19	0.39	-286 lbs	-286 lbs					6-21	0.17	-809 lbs	-809 lbs
								9-21	0.12	-426 lbs	-426 lbs
								23-24	0.07	-373 lbs	-373 lbs
								22-24	0.12	-373 lbs	-373 lbs
								18-24	0.19	-342 lbs	-342 lbs
								5-24	0.18	350 lbs	-325 lbs
								21-22	0.22	-414 lbs	-414 lbs
								21-23	0.22	427 lbs	-374 lbs
								10-11	0.09	794 lbs	-332 lbs
								12-13	0.03	273 lbs	-72 lbs
								14-15	0.06	198 lbs	-124 lbs
								2-16	0.25	392 lbs	-336 lbs
								17-20	0.69	-838 lbs	-838 lbs

TRUSS TC07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.40 (5 - 7)	TL(V): 0.01 in.	L / 999	(8-10)	L / 90
BC : 0.39 (10 - 12)	LL(V): 0.01 in.	L / 999	(8-10)	L / 90
Web : 0.28 (12 - 15)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.01 in.		11	
	Web :			
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.L / 999		3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	300 lbs	750 lbs	0 lbs	0 lbs	-350 lbs	300 lbs
2	Pin	340 lbs	660 lbs	0 lbs	0 lbs	-510 lbs	340 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	Section
Bot Chd	362S162-33(33)	Purlin (96 in.)	Material
Web	362S162-33(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
8-1-0	14-11-1

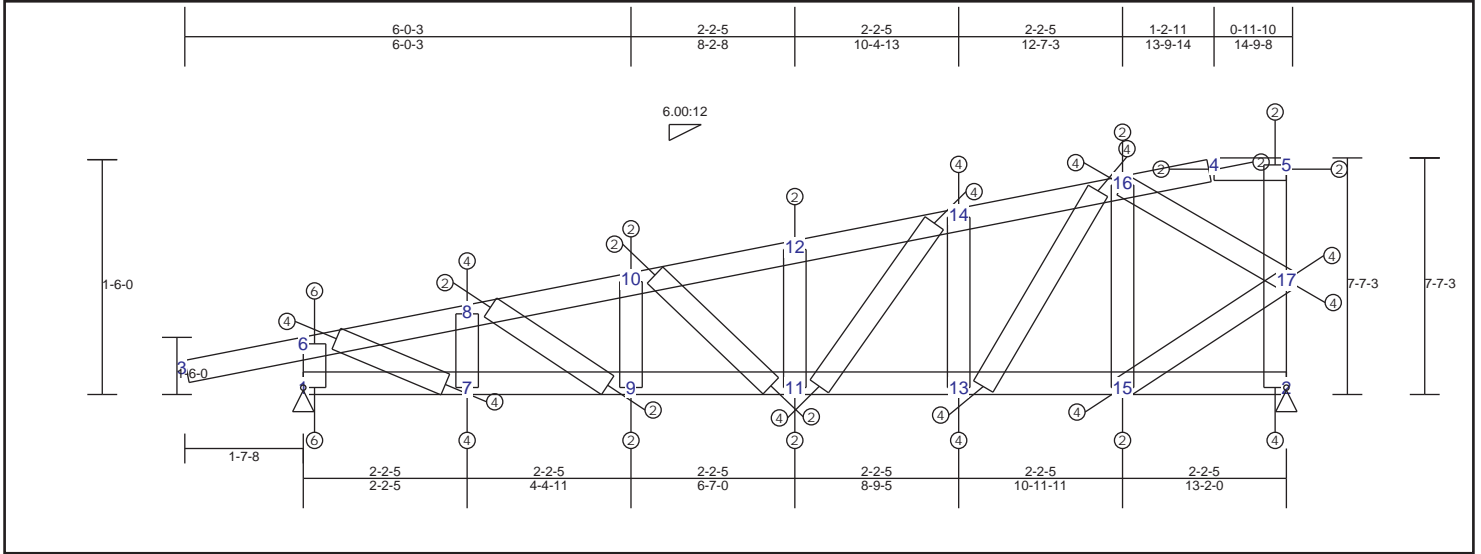
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.33	54 lbs	0 lbs	1-6	0.25	-296 lbs	-296 lbs	1-5	0.28	-770 lbs	-770 lbs
5-7	0.40	-559 lbs	-559 lbs	6-8	0.25	248 lbs	-209 lbs	6-7	0.15	-400 lbs	-400 lbs
7-9	0.17	-559 lbs	-559 lbs	8-10	0.24	248 lbs	-155 lbs	8-9	0.07	-123 lbs	-123 lbs
9-11	0.15	-516 lbs	-516 lbs	10-12	0.39	161 lbs	-51 lbs	10-11	0.18	-197 lbs	-197 lbs
11-13	0.31	-516 lbs	-516 lbs	12-14	0.39	187 lbs	-130 lbs	12-13	0.28	-654 lbs	-654 lbs
13-15	0.37	-401 lbs	-401 lbs	2-14	0.22	345 lbs	-314 lbs	14-15	0.28	-360 lbs	-360 lbs
4-15	0.16	-54 lbs	-54 lbs					2-16	0.20	-660 lbs	-660 lbs
								4-16	0.14	-296 lbs	-296 lbs
								15-16	0.19	-338 lbs	-338 lbs
								14-16	0.26	415 lbs	-328 lbs
								5-6	0.07	550 lbs	-67 lbs
								7-8	0.02	162 lbs	-25 lbs
								9-10	0.17	274 lbs	-229 lbs
								10-13	0.28	509 lbs	-460 lbs
								12-15	0.28	621 lbs	-515 lbs

TRUSS TC08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.40 (6 - 8)	TL(V): 0.01 in.	L / 999	(9-11)	L / 90
BC : 0.40 (11 - 13)	LL(V): 0.01 in.	L / 999	(9-11)	L / 90
Web : 0.69 (13 - 16)	DL(V): 0 in.	L / 999	(4-5)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.01 in.		12	
	Web :			
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		290 lbs	750 lbs	0 lbs	-370 lbs	290 lbs
2	Pin		330 lbs	650 lbs	0 lbs	-490 lbs	330 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-8-1	14-11-1

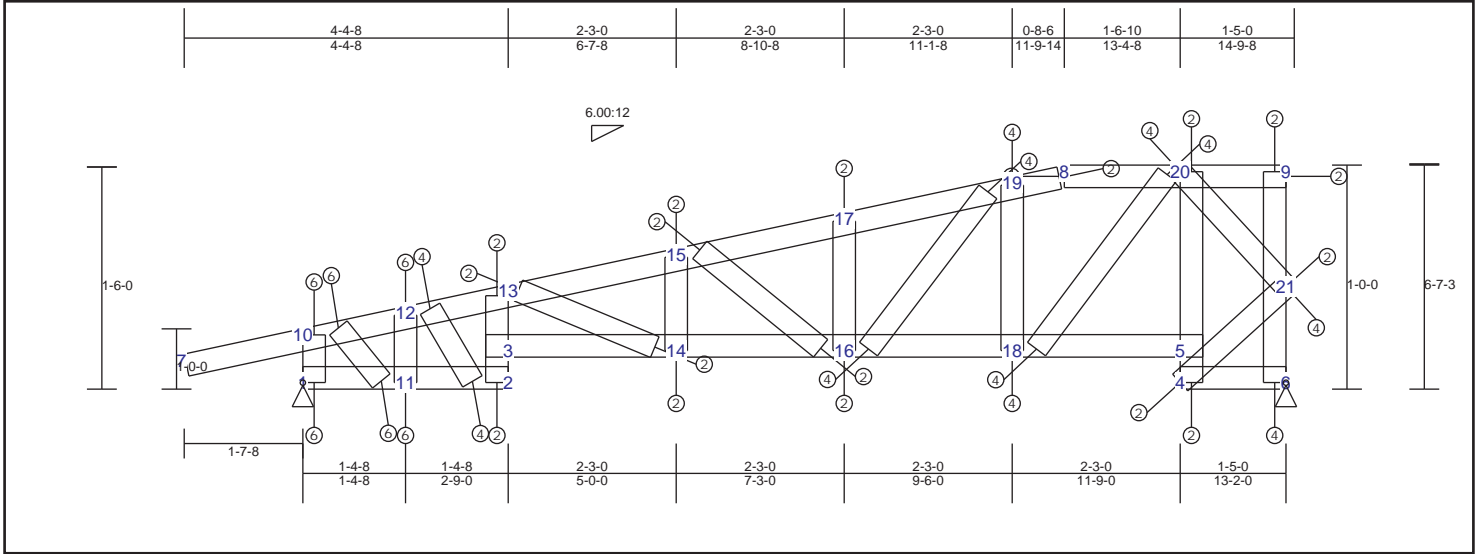
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-5	0.02	15 lbs	-12 lbs	1-7	0.25	-288 lbs	-288 lbs	1-6	0.28	-774 lbs	-774 lbs
3-6	0.33	54 lbs	0 lbs	7-9	0.25	249 lbs	-205 lbs	7-8	0.15	-395 lbs	-395 lbs
6-8	0.40	-564 lbs	-564 lbs	9-11	0.24	249 lbs	-157 lbs	9-10	0.07	-113 lbs	-113 lbs
8-10	0.18	-564 lbs	-564 lbs	11-13	0.40	162 lbs	-55 lbs	11-12	0.18	-195 lbs	-195 lbs
10-12	0.15	-521 lbs	-521 lbs	13-15	0.40	183 lbs	-130 lbs	13-14	0.69	-671 lbs	-671 lbs
12-14	0.31	-521 lbs	-521 lbs	2-15	0.20	337 lbs	-312 lbs	15-16	0.69	-321 lbs	-321 lbs
14-16	0.35	-414 lbs	-414 lbs					2-17	0.19	-657 lbs	-657 lbs
4-16	0.15	-39 lbs	-39 lbs					5-17	0.14	-329 lbs	-329 lbs
								16-17	0.23	-357 lbs	-357 lbs
								15-17	0.21	382 lbs	-300 lbs
								6-7	0.07	555 lbs	-80 lbs
								8-9	0.02	156 lbs	-21 lbs
								10-11	0.16	267 lbs	-227 lbs
								11-14	0.69	508 lbs	-454 lbs
								13-16	0.69	633 lbs	-521 lbs

TRUSS TC09 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.47 (10 - 12)	TL(V): 0.03 in.	L / 999	(14-16)	L / 90
BC : 0.46 (1 - 11)	LL(V): 0.02 in.	L / 999	(14-16)	L / 90
Web : 0.67 (18 - 19)	DL(V): 0.01 in.	L / 999	(14-16)	L / 0
	Cant / OH TL: 0.02 in.	2L / 999	(14-16)	2L / 90
	Cant / OH LL: 0.02 in.	2L / 999	(14-16)	2L / 90
	Horiz TL: 0.01 in.		15	
	Web :			
	Snow/Wind -0.03 in.	L / 999	(13-15)	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	(13-15)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		320 lbs	760 lbs	0 lbs	-410 lbs	320 lbs
6	Pin		-330 lbs	640 lbs	0 lbs	-460 lbs	-330 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-8-8	14-11-3

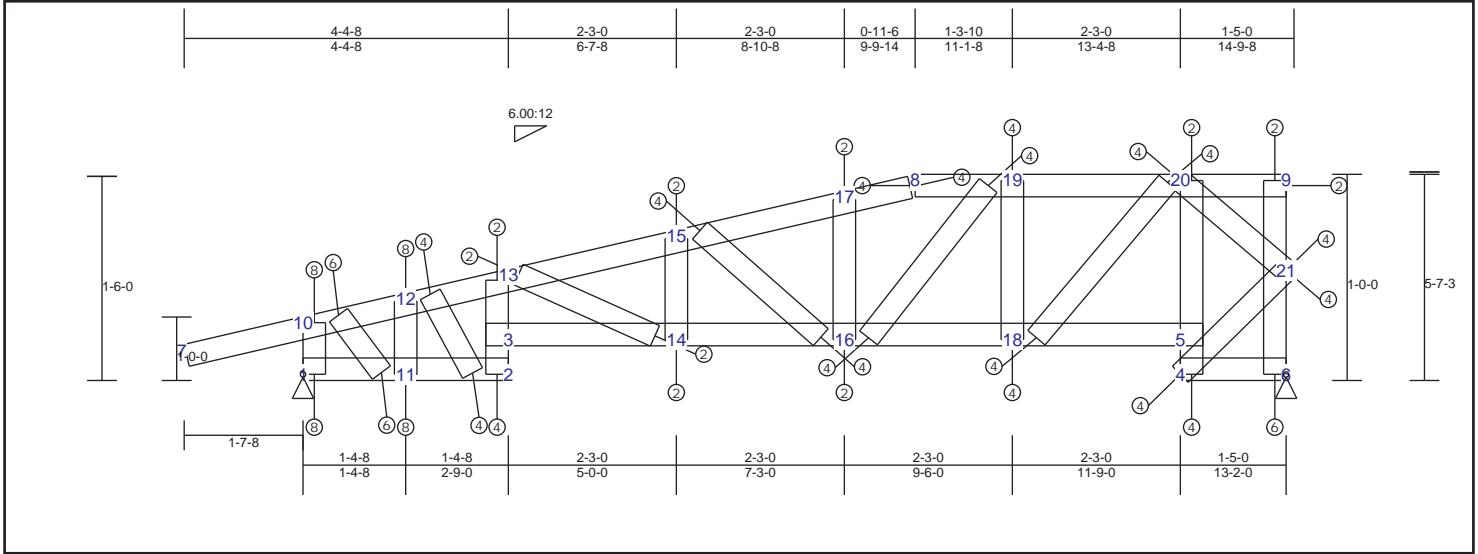
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-20	0.29	-246 lbs	-246 lbs	1-11	0.46	-316 lbs	-316 lbs	1-10	0.32	-902 lbs	-902 lbs
9-20	0.29	-110 lbs	-110 lbs	2-11	0.45	-195 lbs	-195 lbs	11-12	0.33	-894 lbs	-894 lbs
7-10	0.33	54 lbs	0 lbs	4-6	0.17	-348 lbs	-348 lbs	2-3	0.18	-265 lbs	-265 lbs
10-12	0.47	-600 lbs	-600 lbs	3-14	0.16	-275 lbs	-275 lbs	3-13	0.29	-279 lbs	-279 lbs
12-13	0.34	-649 lbs	-649 lbs	14-16	0.32	267 lbs	-201 lbs	14-15	0.07	-165 lbs	-165 lbs
13-15	0.23	-649 lbs	-649 lbs	16-18	0.34	119 lbs	-95 lbs	16-17	0.18	-248 lbs	-248 lbs
15-17	0.19	-552 lbs	-552 lbs	5-18	0.34	-224 lbs	-224 lbs	18-19	0.67	-579 lbs	-579 lbs
17-19	0.36	-552 lbs	-552 lbs					4-5	0.25	-278 lbs	-278 lbs
8-19	0.06	-290 lbs	-290 lbs					5-20	0.40	-278 lbs	-278 lbs
								6-21	0.18	-633 lbs	-633 lbs
								9-21	0.14	-348 lbs	-348 lbs
								20-21	0.21	-374 lbs	-374 lbs
								4-21	0.09	315 lbs	-230 lbs
								10-11	0.11	863 lbs	-159 lbs
								13-14	0.02	111 lbs	-46 lbs
								15-16	0.18	-333 lbs	-333 lbs
								16-19	0.64	645 lbs	-536 lbs
								18-20	0.47	444 lbs	-325 lbs
								2-12	0.06	528 lbs	-91 lbs

TRUSS TC10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.55 (10 - 12)	TL(V): 0.03 in.	L / 999	(14-16)	L / 90
BC : 0.56 (1 - 11)	LL(V): 0.02 in.	L / 999	(14-16)	L / 90
Web : 0.52 (18 - 19)	DL(V): 0.02 in.	L / 999	14	L / 0
	Cant / OH TL: 0.02 in.	2L / 999	(14-16)	2L / 90
	Cant / OH LL: 0.02 in.	2L / 999	(14-16)	2L / 90
	Horiz TL: 0.01 in.		13	
	Web :			
	Snow/Wind -0.03 in.	L / 999	7	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 8.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		360 lbs	900 lbs	0 lbs	-340 lbs	360 lbs
6	Pin		-390 lbs	740 lbs	0 lbs	-340 lbs	-390 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-8-11	14-11-2

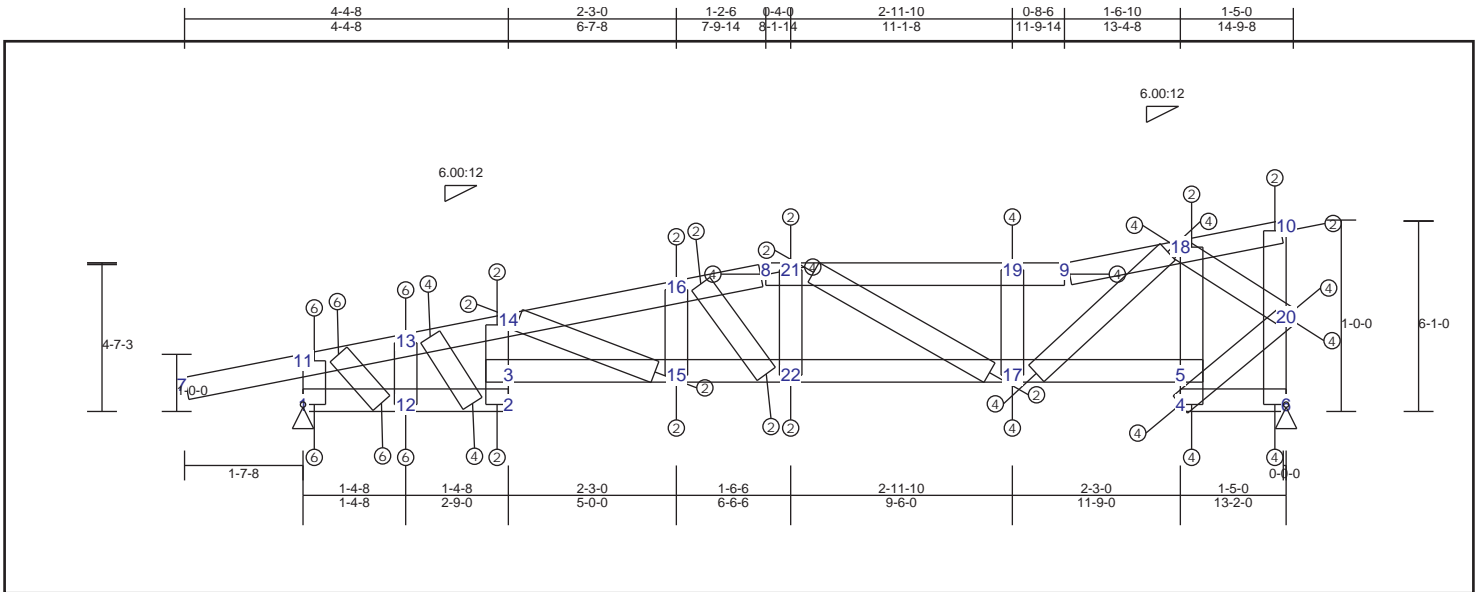
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
7-10	0.32	63 lbs	0 lbs	1-11	0.56	-360 lbs	-360 lbs	1-10	0.39	-1071 lbs	-1071 lbs
10-12	0.55	-723 lbs	-723 lbs	2-11	0.55	194 lbs	-154 lbs	11-12	0.40	-1088 lbs	-1088 lbs
12-13	0.41	-769 lbs	-769 lbs	4-6	0.20	-404 lbs	-404 lbs	2-3	0.19	-315 lbs	-315 lbs
13-15	0.26	-769 lbs	-769 lbs	3-14	0.12	305 lbs	-217 lbs	3-13	0.32	-319 lbs	-319 lbs
15-17	0.24	-640 lbs	-640 lbs	14-16	0.25	305 lbs	-157 lbs	14-15	0.04	142 lbs	-98 lbs
8-17	0.17	-558 lbs	-558 lbs	16-18	0.35	118 lbs	-73 lbs	16-17	0.01	52 lbs	-18 lbs
8-19	0.31	-509 lbs	-509 lbs	5-18	0.35	-225 lbs	-225 lbs	18-19	0.52	-581 lbs	-581 lbs
19-20	0.34	-330 lbs	-330 lbs					4-5	0.28	-399 lbs	-399 lbs
9-20	0.37	-166 lbs	-166 lbs					5-20	0.40	-399 lbs	-399 lbs
								6-21	0.19	-729 lbs	-729 lbs
								9-21	0.16	-319 lbs	-319 lbs
								20-21	0.17	-448 lbs	-448 lbs
								4-21	0.08	454 lbs	-217 lbs
								10-11	0.13	1056 lbs	-198 lbs
								13-14	0.01	96 lbs	-28 lbs
								15-16	0.22	-401 lbs	-401 lbs
								16-19	0.31	523 lbs	-312 lbs
								18-20	0.21	450 lbs	-215 lbs
								2-12	0.08	639 lbs	-117 lbs

TRUSS TC11 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI

calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.47 (11 - 13)	TL(V): 0.03 in.	L / 999	(22-17)	L / 90
BC : 0.46 (1 - 12)	LL(V): 0.02 in.	L / 999	(22-17)	L / 90
Web : 0.37 (5 - 18)	DL(V): 0.01 in.	L / 999	(14-16)	L / 0
	Cant / OH TL: 0.02 in.	2L / 999	(22-17)	2L / 90
	Cant / OH TL: 0.02 in.	2L / 999	(22-17)	2L / 90
	Horiz TL: 0.01 in.		16	
	Web :			
	Snow/Wind -0.03 in.	L / 999	7	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		330 lbs	770 lbs	0 lbs	-430 lbs	330 lbs
6	Pin		-370 lbs	630 lbs	0 lbs	-440 lbs	-370 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-0-14	14-11-2

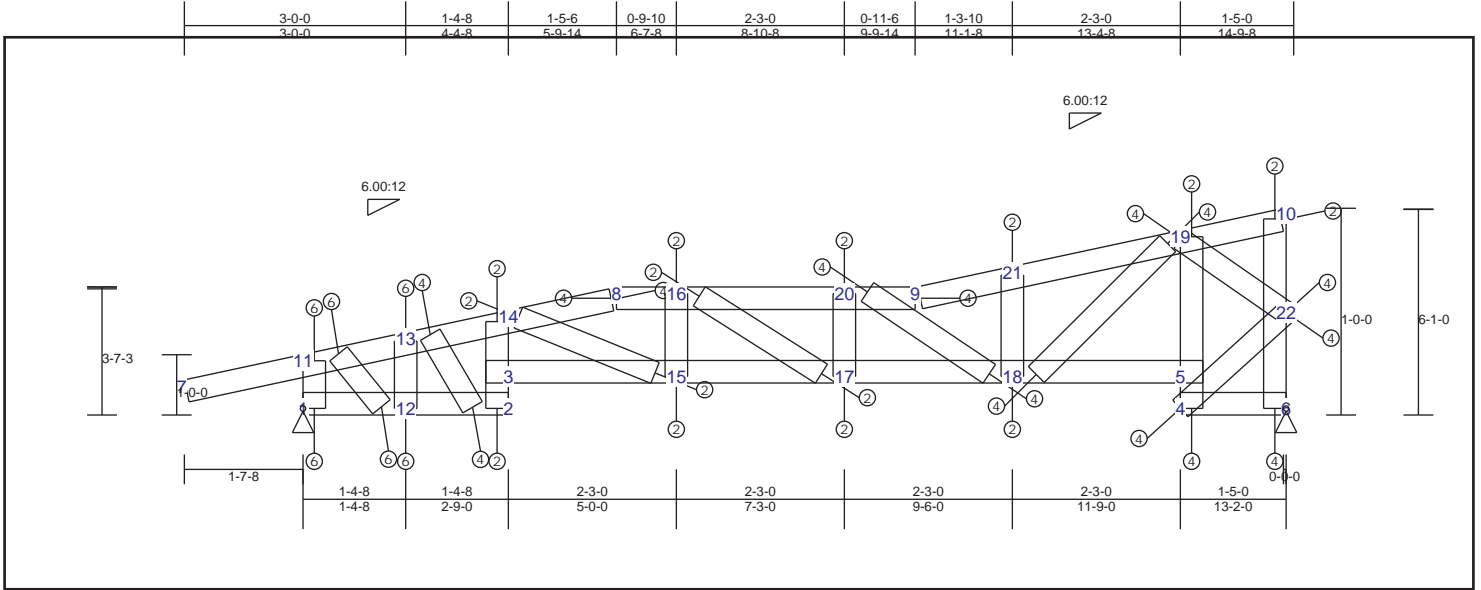
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-21	0.18	-492 lbs	-492 lbs	1-12	0.46	-331 lbs	-331 lbs	1-11	0.33	-907 lbs	-907 lbs
19-21	0.29	-492 lbs	-492 lbs	2-12	0.45	-164 lbs	-164 lbs	12-13	0.33	-900 lbs	-900 lbs
9-19	0.29	-366 lbs	-366 lbs	4-6	0.19	-382 lbs	-382 lbs	2-3	0.15	-265 lbs	-265 lbs
9-18	0.40	-417 lbs	-417 lbs	3-15	0.12	-235 lbs	-235 lbs	3-14	0.24	-265 lbs	-265 lbs
10-18	0.30	-117 lbs	-117 lbs	15-22	0.18	202 lbs	-163 lbs	15-16	0.03	-83 lbs	-83 lbs
7-11	0.33	54 lbs	0 lbs	17-22	0.39	146 lbs	-95 lbs	17-19	0.25	-445 lbs	-445 lbs
11-13	0.47	-604 lbs	-604 lbs	5-17	0.39	-204 lbs	-204 lbs	4-5	0.27	-401 lbs	-401 lbs
13-14	0.34	-629 lbs	-629 lbs					5-18	0.37	-401 lbs	-401 lbs
14-16	0.21	-629 lbs	-629 lbs					6-20	0.17	-628 lbs	-628 lbs
8-16	0.15	-577 lbs	-577 lbs					10-20	0.15	-221 lbs	-221 lbs
								18-20	0.15	-397 lbs	-397 lbs
								4-20	0.12	451 lbs	-305 lbs
								21-22	0.16	337 lbs	-280 lbs
								11-12	0.11	870 lbs	-183 lbs
								14-15	0.02	106 lbs	-47 lbs
								17-18	0.32	573 lbs	-366 lbs
								2-13	0.06	529 lbs	-105 lbs
								16-22	0.10	247 lbs	-207 lbs
								17-21	0.17	260 lbs	-222 lbs

TRUSS TC12 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.47 (11 - 13)	TL(V): 0.04 in.	L / 999	(9-21)	L / 90
BC : 0.46 (1 - 12)	LL(V): 0.02 in.	L / 999	(9-21)	L / 90
Web : 0.37 (5 - 19)	DL(V): 0.01 in.	L / 999	(16-20)	L / 0
	Cant / OH TL: 0.02 in.	2L / 999	(9-21)	2L / 90
	Cant / OH LL: 0.02 in.	2L / 999	(9-21)	2L / 90
	Horiz TL: -0.01 in.		10	
	Web :			
	Snow/Wind -0.03 in.	L / 999	7	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		330 lbs	760 lbs	0 lbs	-430 lbs	330 lbs
6	Pin		-360 lbs	640 lbs	0 lbs	-440 lbs	-360 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-0-14	14-11-2

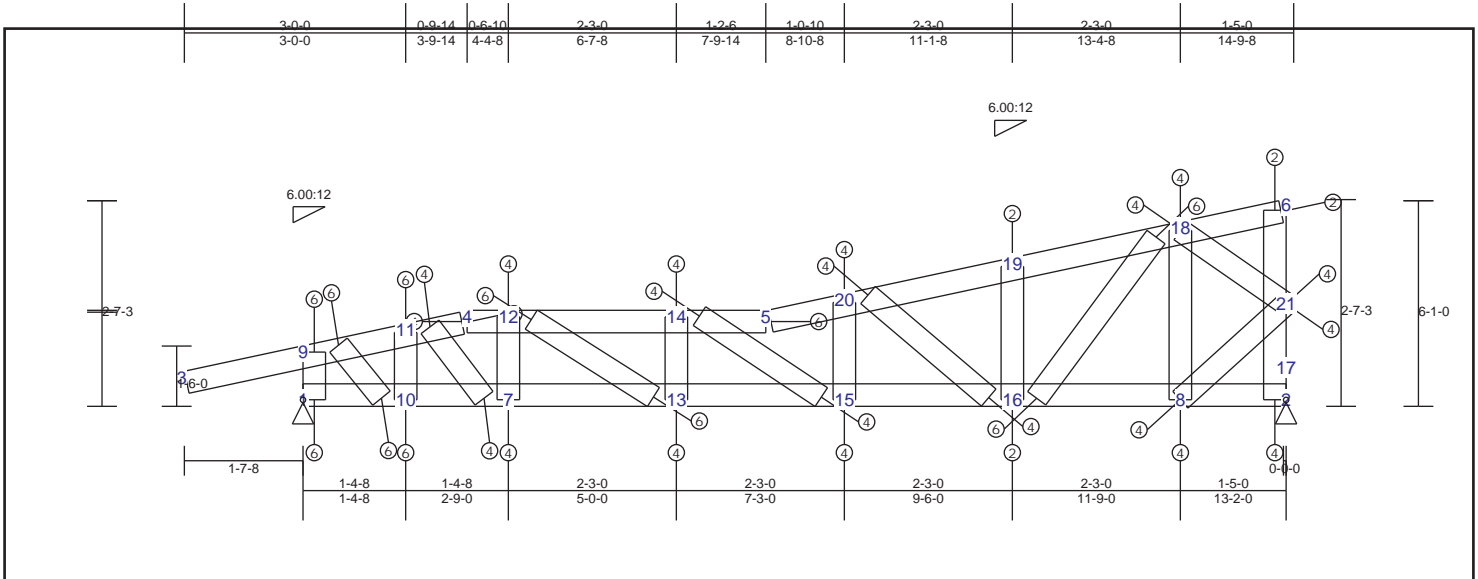
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-16	0.22	-596 lbs	-596 lbs	1-12	0.46	-329 lbs	-329 lbs	1-11	0.32	-902 lbs	-902 lbs
16-20	0.30	-685 lbs	-685 lbs	2-12	0.45	-162 lbs	-162 lbs	12-13	0.32	-862 lbs	-862 lbs
9-20	0.30	-685 lbs	-685 lbs	4-6	0.18	-373 lbs	-373 lbs	2-3	0.15	-189 lbs	-189 lbs
7-11	0.33	54 lbs	0 lbs	3-15	0.13	274 lbs	-228 lbs	3-14	0.23	-200 lbs	-200 lbs
11-13	0.47	-587 lbs	-587 lbs	15-17	0.12	363 lbs	-228 lbs	15-16	0.03	-91 lbs	-91 lbs
13-14	0.32	-591 lbs	-591 lbs	17-18	0.40	363 lbs	-177 lbs	17-20	0.05	-134 lbs	-134 lbs
8-14	0.29	-635 lbs	-635 lbs	5-18	0.41	-212 lbs	-212 lbs	4-5	0.26	-371 lbs	-371 lbs
9-21	0.12	-463 lbs	-463 lbs					5-19	0.37	-371 lbs	-371 lbs
19-21	0.36	-463 lbs	-463 lbs					6-22	0.17	-629 lbs	-629 lbs
10-19	0.21	130 lbs	-129 lbs					10-22	0.14	-251 lbs	-251 lbs
								18-21	0.09	-183 lbs	-183 lbs
								19-22	0.14	-369 lbs	-369 lbs
								4-22	0.11	418 lbs	-290 lbs
								11-12	0.10	859 lbs	-179 lbs
								14-15	0.02	157 lbs	-25 lbs
								16-17	0.02	201 lbs	-17 lbs
								18-19	0.34	637 lbs	-377 lbs
								18-20	0.25	-602 lbs	-602 lbs
								2-13	0.05	419 lbs	-58 lbs

TRUSS TC13 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.58 (12 - 14)	TL(V): 0.08 in.	L / 999 (5-20)	L / 90
BC : 0.45 (16 - 8)	LL(V): 0.05 in.	L / 999 (5-20)	L / 90
Web : 0.60 (16 - 18)	DL(V): 0.03 in.	L / 999 (5-20)	L / 0
	Cant / OH TL: 0.01 in.	2L / 0 (18-6)	2L / 90
	Cant / OH LL: 0.01 in.	2L / 0 (18-6)	2L / 90
	Horiz TL: -0.02 in.	6	
	Web :		
	Snow/Wind -0.05 in.	L / 956 (14-5)	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999 3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC Live/Roof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		380 lbs	760 lbs	0 lbs	-430 lbs	380 lbs
2	Pin		-470 lbs	640 lbs	0 lbs	-440 lbs	-470 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6'-0-14	14'-11-2

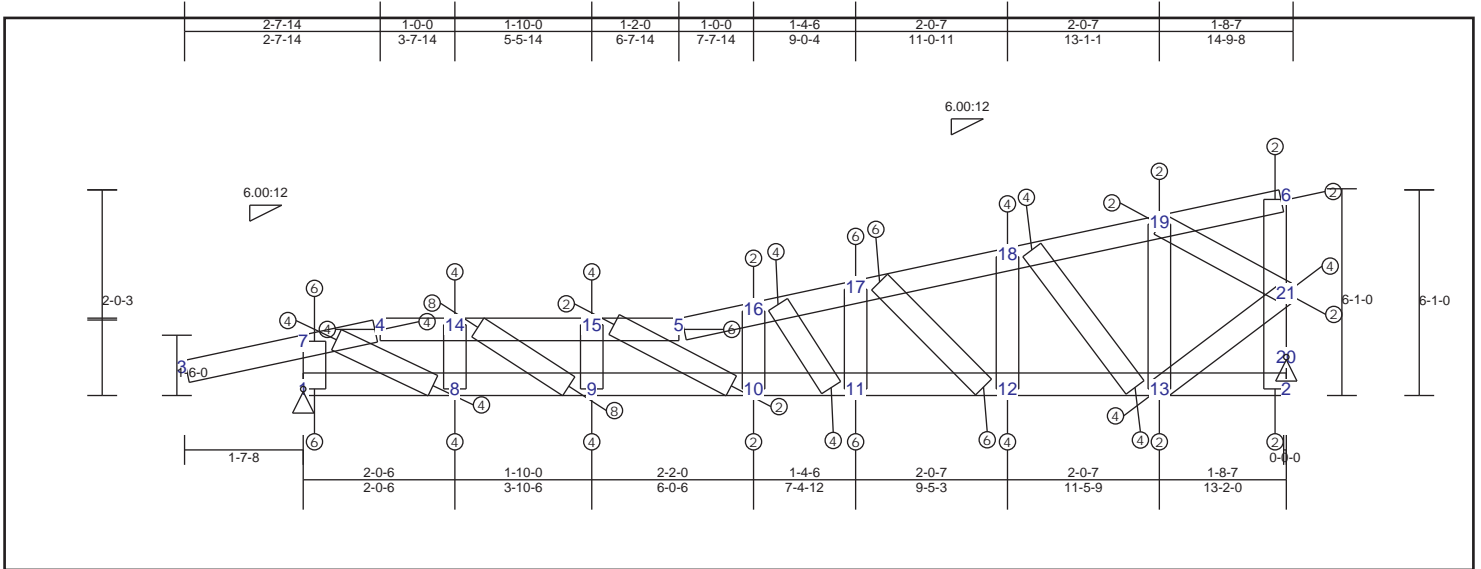
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-12	0.30	-478 lbs	-478 lbs	1-10	0.42	-381 lbs	-381 lbs	1-9	0.31	-876 lbs	-876 lbs
12-14	0.58	-879 lbs	-879 lbs	7-10	0.42	-149 lbs	-149 lbs	10-11	0.28	-767 lbs	-767 lbs
5-14	0.58	-879 lbs	-879 lbs	7-13	0.35	465 lbs	-239 lbs	7-12	0.19	-514 lbs	-514 lbs
3-9	0.33	54 lbs	0 lbs	13-15	0.30	465 lbs	-239 lbs	13-14	0.15	-395 lbs	-395 lbs
9-11	0.45	-544 lbs	-544 lbs	15-16	0.44	239 lbs	-84 lbs	8-18	0.59	-492 lbs	-492 lbs
4-11	0.32	-544 lbs	-544 lbs	8-16	0.45	-298 lbs	-298 lbs	2-21	0.17	-631 lbs	-631 lbs
5-20	0.31	-728 lbs	-728 lbs	2-8	0.25	-486 lbs	-486 lbs	6-21	0.14	-233 lbs	-233 lbs
19-20	0.46	-514 lbs	-514 lbs					16-19	0.02	95 lbs	-28 lbs
18-19	0.47	-452 lbs	-452 lbs					15-20	0.12	411 lbs	-267 lbs
6-18	0.24	-55 lbs	-55 lbs					18-21	0.14	-378 lbs	-378 lbs
								8-21	0.13	440 lbs	-300 lbs
								9-10	0.09	771 lbs	-150 lbs
								12-13	0.10	715 lbs	-236 lbs
								14-15	0.18	-416 lbs	-416 lbs
								16-18	0.60	736 lbs	-484 lbs
								16-20	0.41	-698 lbs	-698 lbs
								7-11	0.08	623 lbs	-170 lbs

TRUSS TC14 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.66 (14 - 15)	TL(V): 0.09 in.	L / 541	(15-5)	L / 90
BC : 0.53 (8 - 9)	LL(V): 0.06 in.	L / 835	(15-5)	L / 90
Web : 0.60 (18 - 13)	DL(V): 0.03 in.	L / 999	(5-16)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	3	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	3	2L / 90
	Horiz TL: -0.02 in.		6	
	Web :			
	Snow/Wind -0.08 in.	L / 451	3	L / 90
	Cant (Snow/Wind) -0.08 in.L / 532		3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-10 lbs	190 lbs	0 lbs	0 lbs	-10 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
6-1-0	14-11-1

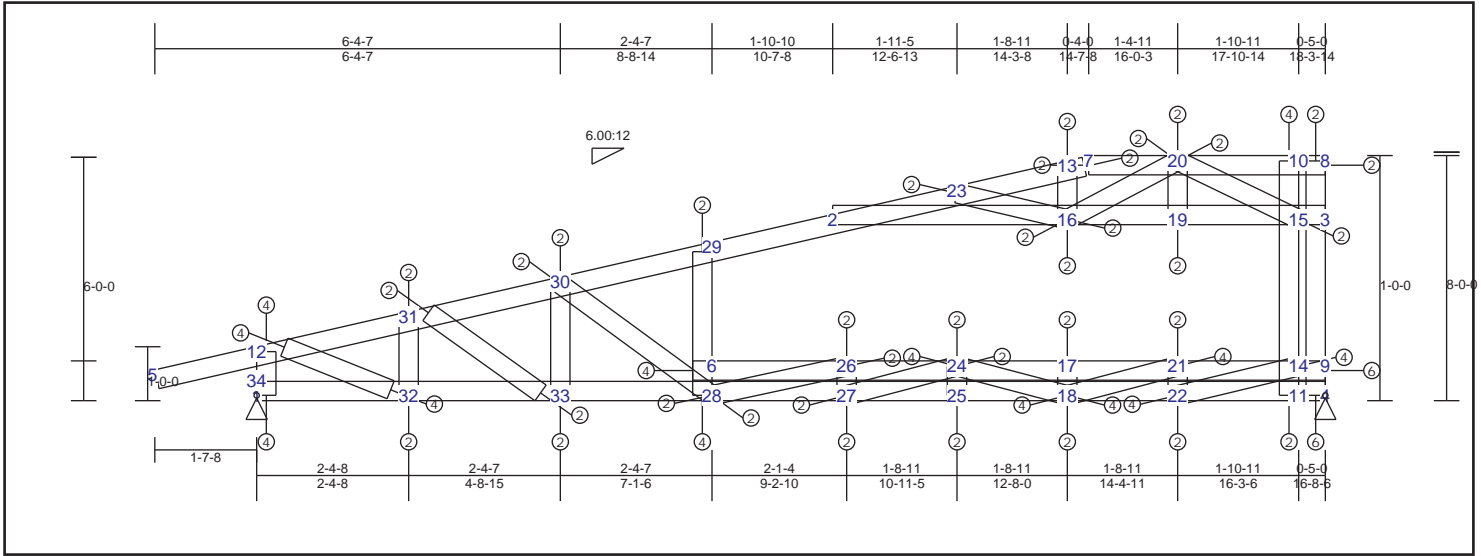
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-14	0.44	-418 lbs	-418 lbs	1-8	0.29	519 lbs	-476 lbs	1-7	0.28	-792 lbs	-792 lbs
14-15	0.66	-1022 lbs	-1022 lbs	8-9	0.53	1123 lbs	-857 lbs	2-20	0.14	-712 lbs	-712 lbs
5-15	0.66	-1022 lbs	-1022 lbs	9-10	0.49	1123 lbs	-857 lbs	20-21	0.20	-712 lbs	-712 lbs
3-7	0.35	54 lbs	0 lbs	10-11	0.49	904 lbs	-685 lbs	6-21	0.14	-314 lbs	-314 lbs
4-7	0.41	-449 lbs	-449 lbs	11-12	0.49	727 lbs	-547 lbs	13-19	0.22	238 lbs	-199 lbs
5-16	0.30	-869 lbs	-869 lbs	12-13	0.37	432 lbs	-312 lbs	12-18	0.39	654 lbs	-514 lbs
16-17	0.46	-882 lbs	-882 lbs	2-13	0.37	229 lbs	-142 lbs	10-16	0.07	-185 lbs	-185 lbs
17-18	0.39	-494 lbs	-494 lbs					9-15	0.24	-658 lbs	-658 lbs
18-19	0.38	-240 lbs	-240 lbs					8-14	0.20	-550 lbs	-550 lbs
6-19	0.06	-45 lbs	-45 lbs					11-17	0.29	878 lbs	-625 lbs
								19-21	0.13	-339 lbs	-339 lbs
								13-21	0.17	458 lbs	-361 lbs
								7-8	0.07	605 lbs	-157 lbs
								9-14	0.25	1094 lbs	-689 lbs
								10-15	0.13	-346 lbs	-346 lbs
								11-16	0.25	-667 lbs	-667 lbs
								12-17	0.44	-756 lbs	-756 lbs
								13-18	0.60	-662 lbs	-662 lbs

TRUSS TC15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (14 - 9)	TL(V): 0.17 in.	L / 999	28 L / 90
BC : 0.71 (22 - 11)	LL(V): 0.11 in.	L / 999	28 L / 90
Web : 0.59 (9 - 3)	DL(V): 0.05 in.	L / 999	(30-29) L / 0
	Cant / OH TL: -0.03 in.	2L / 999	5 2L / 90
	Cant / OH LL: -0.03 in.	2L / 999	5 2L / 90
	Horiz TL: 0.07 in.		29
	Web :		
	Snow/Wind -0.16 in.	L / 999	28 L / 90
	Cant (Snow/Wind) 0.03 in.	L / 999	5 L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		770 lbs	1180 lbs	0 lbs	-650 lbs	770 lbs
4	Pin		-900 lbs	1450 lbs	0 lbs	-1000 lbs	-900 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-54(50)	Sheathing	Web 1-12	362S162-43(33)	Unbraced
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-2-12	18-3-14

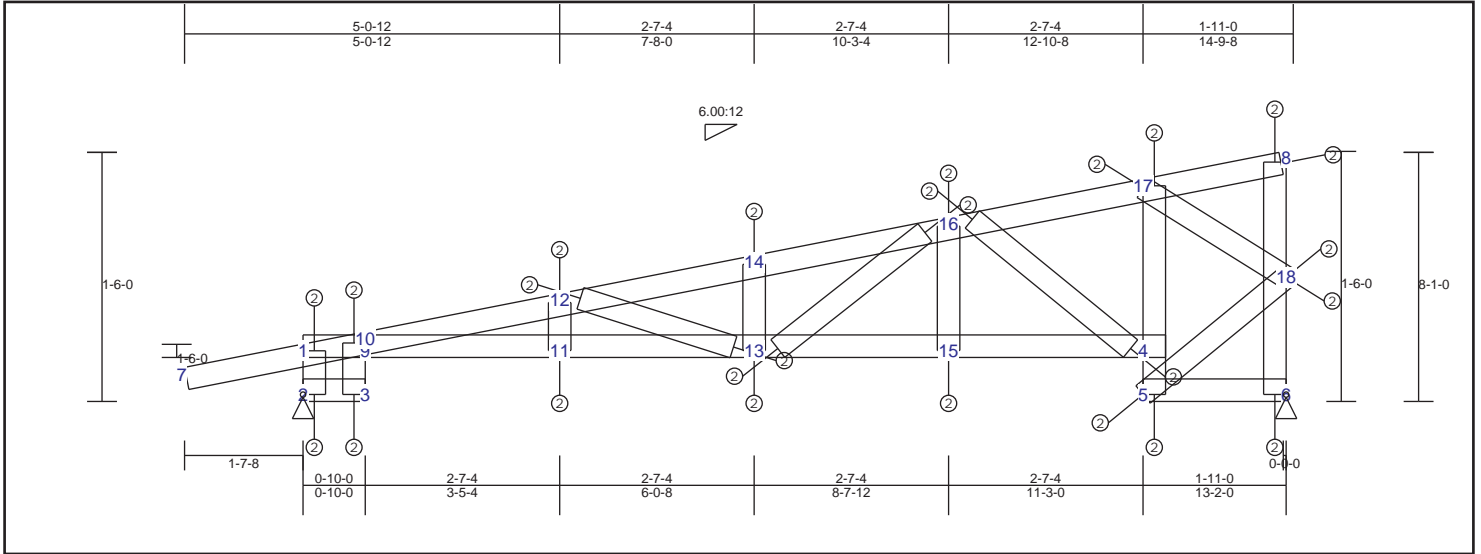
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
7-20	0.10	479 lbs	-461 lbs	1-32	0.24	-771 lbs	-771 lbs	1-12	0.32	-1184 lbs	-1184 lbs
10-20	0.18	544 lbs	-496 lbs	32-33	0.15	267 lbs	-262 lbs	19-20	0.06	-381 lbs	-381 lbs
8-10	0.14	302 lbs	-275 lbs	28-33	0.37	1225 lbs	-1139 lbs	13-16	0.03	-225 lbs	-225 lbs
6-26	0.20	-1631 lbs	-1631 lbs	27-28	0.37	1424 lbs	-1170 lbs	6-28	0.41	294 lbs	-248 lbs
24-26	0.21	-1631 lbs	-1631 lbs	25-27	0.36	1424 lbs	-1170 lbs	6-29	0.37	294 lbs	-248 lbs
17-24	0.12	-1233 lbs	-1233 lbs	18-25	0.25	1025 lbs	-750 lbs	26-27	0.01	135 lbs	-74 lbs
17-21	0.15	865 lbs	-865 lbs	18-22	0.36	1088 lbs	-1073 lbs	24-25	0.00	31 lbs	-5 lbs
14-21	0.31	1927 lbs	-1732 lbs	11-22	0.71	-2135 lbs	-2135 lbs	17-18	0.02	-128 lbs	-128 lbs
9-14	0.35	1028 lbs	-920 lbs	4-11	0.51	-1592 lbs	-1592 lbs	21-22	0.10	-676 lbs	-676 lbs
5-12	0.14	54 lbs	0 lbs	2-16	0.24	-792 lbs	-792 lbs	30-33	0.06	-149 lbs	-149 lbs
12-31	0.21	-1164 lbs	-1164 lbs	16-19	0.38	-1168 lbs	-1168 lbs	31-32	0.15	-793 lbs	-793 lbs
30-31	0.17	-1199 lbs	-1199 lbs	15-19	0.38	-1168 lbs	-1168 lbs	4-9	0.51	-1851 lbs	-1851 lbs
29-30	0.31	-1053 lbs	-1053 lbs	3-15	0.28	-634 lbs	-634 lbs	3-9	0.59	-447 lbs	-447 lbs
2-29	0.28	-697 lbs	-697 lbs					3-8	0.50	566 lbs	-506 lbs
2-23	0.11	-697 lbs	-697 lbs					11-14	0.53	442 lbs	-386 lbs
13-23	0.04	-185 lbs	-185 lbs					14-15	0.59	178 lbs	-166 lbs
7-13	0.03	-85 lbs	-85 lbs					10-15	0.52	-782 lbs	-782 lbs
								15-20	0.02	-94 lbs	-94 lbs
								16-20	0.09	575 lbs	-518 lbs
								16-23	0.03	-214 lbs	-214 lbs
								28-30	0.28	604 lbs	-561 lbs
								26-28	0.08	-548 lbs	-548 lbs
								24-27	0.07	-484 lbs	-484 lbs
								18-24	0.15	-1011 lbs	-1011 lbs
								18-21	0.18	1408 lbs	-1203 lbs

TRUSS TC16 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section. Member 1-2 is a cantilever member, and its configuration may result in frame instability. A k value of 1 has been assumed for this member. Further review of this truss component will be required to determine if it is subject to frame instability.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.17 (1 - 10)	TL(V): 0.01 in.	L / 999	(14-16)	L / 90
BC : 0.28 (15 - 4)	LL(V): 0.02 in.	L / 999	(14-16)	L / 90
Web : 0.40 (4 - 17)	DL(V): -0.01 in.	L / 999	7	L / 0
	Cant / OH TL: -0.01 in.	2L / 999	7	2L / 90
	Cant / OH LL: -0.01 in.	2L / 999	7	2L / 90
	Horiz TL: -0.02 in.		7	
	Web :			
	Snow/Wind -0.03 in.	L / 999	7	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		0 lbs	750 lbs	0 lbs	-350 lbs	0 lbs
6	Pin		550 lbs	660 lbs	0 lbs	-510 lbs	550 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-0-15	14-11-2

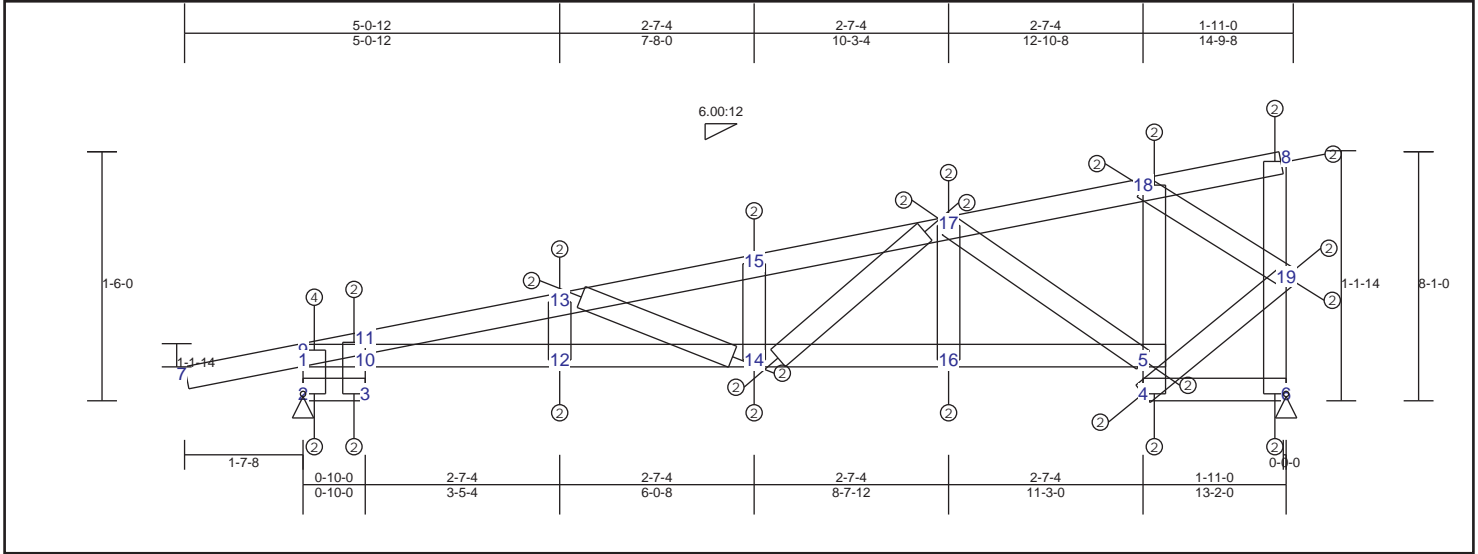
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
1-7	0.13	54 lbs	0 lbs	1-10	0.13	874 lbs	-132 lbs	11-12	0.01	141 lbs	-28 lbs
1-10	0.17	-1056 lbs	-1056 lbs	10-11	0.12	874 lbs	-83 lbs	13-14	0.07	-276 lbs	-276 lbs
10-12	0.14	-1056 lbs	-1056 lbs	11-13	0.12	874 lbs	-83 lbs	15-16	0.03	288 lbs	-74 lbs
12-14	0.11	-909 lbs	-909 lbs	13-15	0.11	651 lbs	-76 lbs	4-5	0.32	-307 lbs	-307 lbs
14-16	0.14	-788 lbs	-788 lbs	4-15	0.28	511 lbs	-76 lbs	4-17	0.40	-324 lbs	-324 lbs
16-17	0.13	-221 lbs	-221 lbs	5-6	0.08	554 lbs	-259 lbs	6-18	0.09	-646 lbs	-646 lbs
8-17	0.05	-129 lbs	-129 lbs	2-3	0.00	0 lbs	0 lbs	8-18	0.05	-329 lbs	-329 lbs
								1-2	0.11	-747 lbs	-747 lbs
								3-10	0.00	4 lbs	0 lbs
								5-18	0.12	351 lbs	-292 lbs
								17-18	0.09	-281 lbs	-281 lbs
								12-13	0.08	-396 lbs	-396 lbs
								13-16	0.21	599 lbs	-396 lbs
								4-16	0.36	-614 lbs	-614 lbs

TRUSS TC17 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section. Member 2-9 is a cantilever member, and its configuration may result in frame instability. A k value of 1 has been assumed for this member. Further review of this truss component will be required to determine if it is subject to frame instability.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.42 (15 - 17)	TL(V): 0.1 in.	L / 999	(16-5)	L / 90
BC : 0.19 (10 - 12)	LL(V): 0.06 in.	L / 999	(16-5)	L / 90
Web : 0.80 (4 - 18)	DL(V): 0.04 in.	L / 999	(16-5)	L / 0
	Cant / OH TL: 0.06 in.	2L / 57	(16-5)	2L / 90
	Cant / OH LL: 0.06 in.	2L / 57	(16-5)	2L / 90
	Horiz TL: 0.03 in.		17	
	Web :			
	Snow/Wind -0.1 in.	L / 999	(16-5)	L / 90
	Cant (Snow/Wind) -0.1 in.	L / 35	(16-5)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		410 lbs	760 lbs	0 lbs	-350 lbs	410 lbs
6	Pin		-250 lbs	650 lbs	0 lbs	-510 lbs	-250 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing	Section		
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-0-15	14-11-2

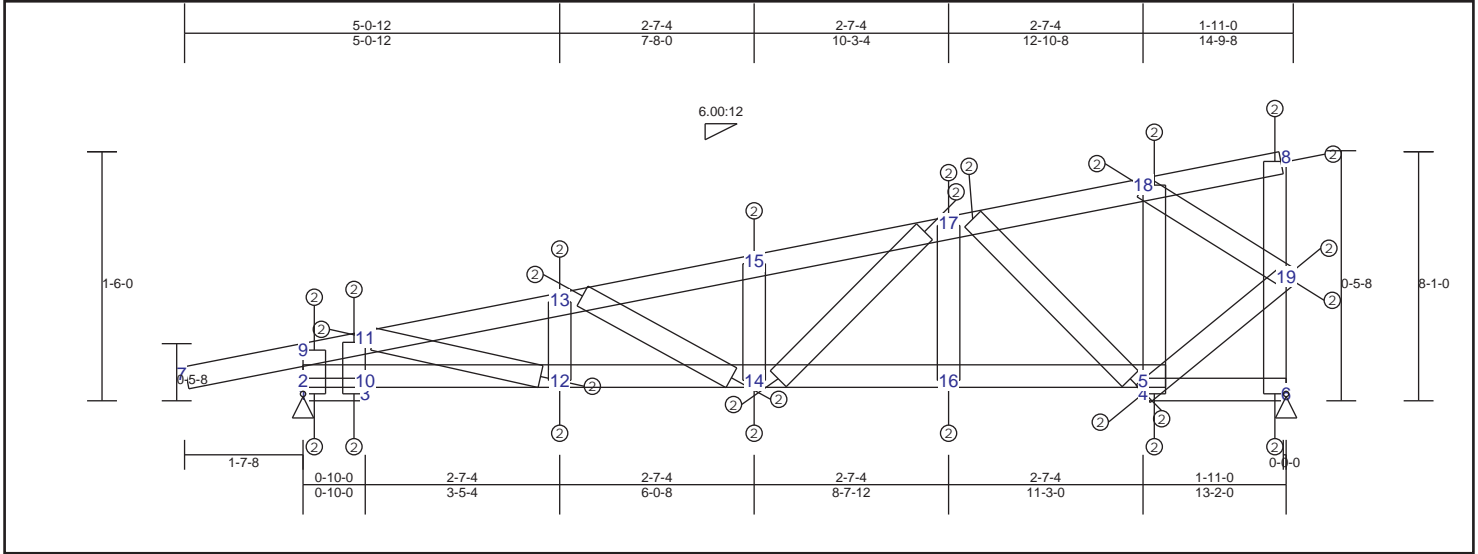
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web		
7-9	0.13	54 lbs	4-6	0.11	-260 lbs	12-13	0.03	-170 lbs
9-11	0.17	-772 lbs	1-10	0.15	-563 lbs	14-15	0.19	-645 lbs
11-13	0.11	-772 lbs	10-12	0.19	-563 lbs	16-17	0.00	43 lbs
13-15	0.15	-801 lbs	12-14	0.19	-563 lbs	6-19	0.08	-617 lbs
15-17	0.42	-801 lbs	14-16	0.17	340 lbs	8-19	0.11	362 lbs
17-18	0.40	-117 lbs	5-16	0.02	-12 lbs	5-17	0.00	24 lbs
8-18	0.40	-187 lbs	2-3	0.07	-242 lbs	18-19	0.17	-516 lbs
						4-19	0.21	601 lbs
						3-10	0.12	4 lbs
						10-11	0.16	-490 lbs
						1-2	0.10	-752 lbs
						1-9	0.12	-752 lbs
						4-18	0.80	-558 lbs
						14-17	0.41	812 lbs
						13-14	0.06	373 lbs

TRUSS TC18 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.16 (9 - 11)	TL(V): 0 in.	L / 999	7	L / 90
BC : 0.14 (2 - 10)	LL(V): 0 in.	L / 999	7	L / 90
Web : 0.45 (18 - 17)	DL(V): 0 in.	L / 999	7	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		15	
	Web :			
	Snow/Wind -0.01 in.	L / 999	7	L / 90
	Cant (Snow/Wind) -0.01 in.	L / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		390 lbs	760 lbs	0 lbs	-350 lbs	390 lbs
6	Pin		-460 lbs	660 lbs	0 lbs	-510 lbs	-460 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing	Section		
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-0-15	14-11-2

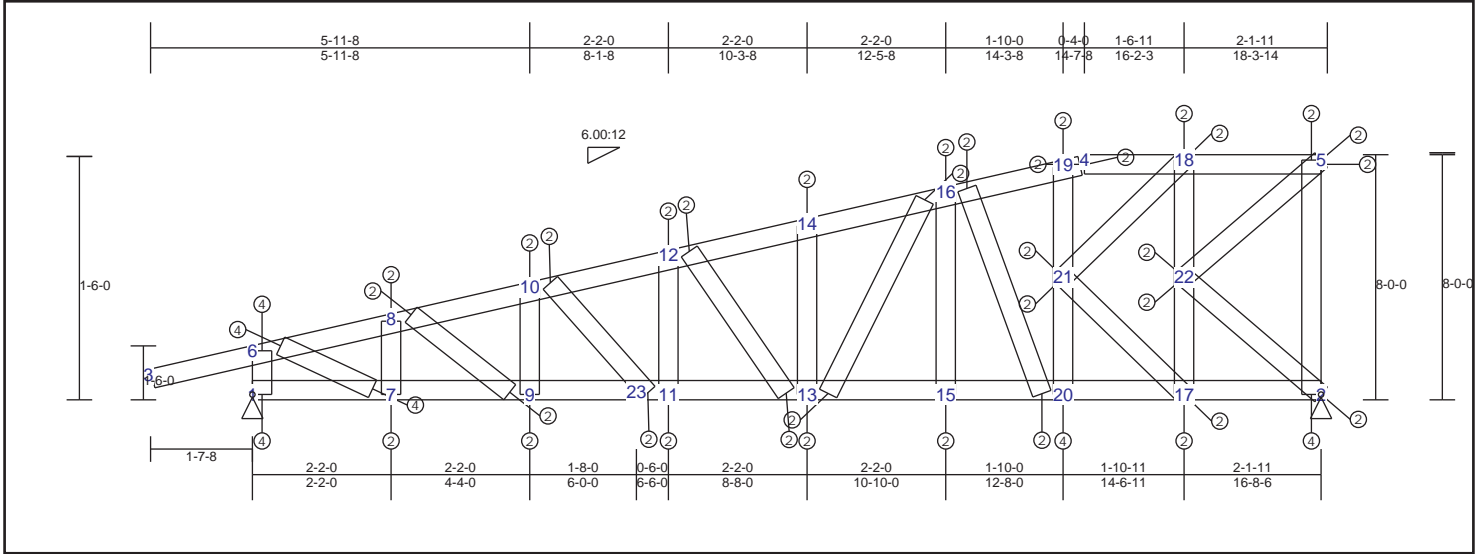
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
7-9	0.13	54 lbs	0 lbs	1-3	0.07	-230 lbs	-230 lbs	12-13	0.03	-128 lbs	-128 lbs
9-11	0.16	-387 lbs	-387 lbs	4-6	0.14	-467 lbs	-467 lbs	14-15	0.11	-278 lbs	-278 lbs
11-13	0.08	-572 lbs	-572 lbs	2-10	0.14	-244 lbs	-244 lbs	16-17	0.02	89 lbs	-23 lbs
13-15	0.07	-570 lbs	-570 lbs	10-12	0.08	-244 lbs	-244 lbs	4-5	0.10	-312 lbs	-312 lbs
15-17	0.10	-570 lbs	-570 lbs	12-14	0.08	-122 lbs	-122 lbs	5-18	0.11	-312 lbs	-312 lbs
17-18	0.11	-198 lbs	-198 lbs	14-16	0.08	160 lbs	-134 lbs	6-19	0.09	-646 lbs	-646 lbs
8-18	0.05	-101 lbs	-101 lbs	5-16	0.05	160 lbs	-134 lbs	8-19	0.05	-324 lbs	-324 lbs
								18-19	0.09	-288 lbs	-288 lbs
								4-19	0.11	357 lbs	-280 lbs
								3-10	0.04	4 lbs	0 lbs
								10-11	0.07	-549 lbs	-549 lbs
								1-2	0.05	-753 lbs	-753 lbs
								2-9	0.09	-753 lbs	-753 lbs
								13-14	0.05	223 lbs	-154 lbs
								14-17	0.31	458 lbs	-419 lbs
								17-18	0.45	-519 lbs	-519 lbs
								11-12	0.02	350 lbs	-39 lbs

TRUSS TC19 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.30 (6 - 8)	TL(V): 0.02 in.	L / 999	(11-13)	L / 90
BC : 0.31 (15 - 20)	LL(V): 0.02 in.	L / 999	(11-13)	L / 90
Web : 0.77 (16 - 20)	DL(V): 0 in.	L / 999	(4-18)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.01 in.		12	
	Web :			
	Snow/Wind -0.03 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	400 lbs	930 lbs	0 lbs	-480 lbs	400 lbs	-480 lbs
2	Pin	-480 lbs	820 lbs	0 lbs	-580 lbs	-480 lbs	

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing	Section	Material	Bracing
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-1-9	18-5-8

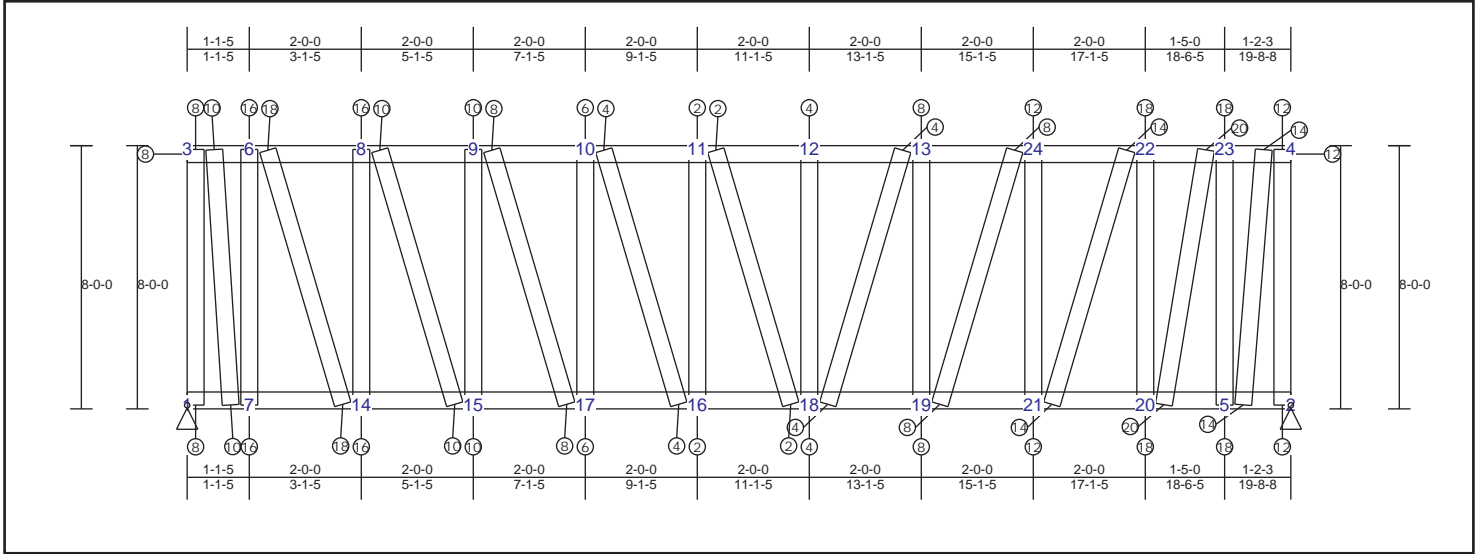
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-8	0.15	-341 lbs	-341 lbs	1-7	0.21	-397 lbs	-397 lbs	1-6	0.26	-944 lbs	-944 lbs
5-8	0.15	-186 lbs	-186 lbs	7-9	0.21	293 lbs	-262 lbs	7-8	0.15	-552 lbs	-552 lbs
3-6	0.25	54 lbs	0 lbs	9-11	0.11	293 lbs	-262 lbs	9-10	0.05	-116 lbs	-116 lbs
6-8	0.30	-789 lbs	-789 lbs	11-13	0.22	242 lbs	-177 lbs	11-12	0.22	-320 lbs	-320 lbs
8-10	0.17	-792 lbs	-792 lbs	13-15	0.24	124 lbs	-46 lbs	13-14	0.27	-253 lbs	-253 lbs
10-12	0.17	-789 lbs	-789 lbs	15-20	0.31	214 lbs	-148 lbs	15-16	0.05	64 lbs	-35 lbs
12-14	0.15	-725 lbs	-725 lbs	17-20	0.31	361 lbs	-297 lbs	17-22	0.09	-479 lbs	-479 lbs
14-16	0.27	-725 lbs	-725 lbs	2-17	0.12	361 lbs	-297 lbs	18-22	0.09	-479 lbs	-479 lbs
16-19	0.27	-463 lbs	-463 lbs					2-5	0.35	-797 lbs	-797 lbs
4-19	0.07	-347 lbs	-347 lbs					20-21	0.14	815 lbs	-765 lbs
								19-21	0.14	815 lbs	-765 lbs
								5-22	0.23	404 lbs	-357 lbs
								2-22	0.27	-415 lbs	-415 lbs
								17-21	0.24	-369 lbs	-369 lbs
								18-21	0.22	361 lbs	-340 lbs
								6-7	0.09	769 lbs	-313 lbs
								8-9	0.02	225 lbs	-39 lbs
								10-11	0.08	225 lbs	-152 lbs
								12-13	0.32	437 lbs	-395 lbs
								13-16	0.77	651 lbs	-648 lbs
								16-20	0.77	-727 lbs	-727 lbs

TRUSS TD01 (spacing 24 in) - complex I-section from (2) profiles



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.91 (6 - 8)	TL(V): 0.41 in.	L / 568	(11-12)	L / 90
BC : 0.91 (1 - 7)	LL(V): 0.28 in.	L / 840	(11-12)	L / 90
Web : 0.91 (7 - 6)	DL(V): 0.13 in.	L / 999	(11-12)	L / 0
	Cant / OH TL: 0.01 in.	2L / 1	4	2L / 90
	Cant / OH LL: 0.01 in.	2L / 1	4	2L / 90
	Horiz TL: 0.03 in.		3	
	Web :			
	Snow/Wind -0.33 in.	L / 699	(11-12)	L / 90
	Cant (Snow/Wind) -0.01 in.	L / 1	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1510 lbs	4200 lbs	0 lbs	-2440 lbs	1510 lbs
2	Pin		-1510 lbs	4200 lbs	0 lbs	-2440 lbs	-1510 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	(2) 362S162-54(50)	Sheathing			
Bot Chd	(2) 362S162-54(50)	Purlin (96 in.)			
Web	(2) 362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
8'-0"	19'-8"

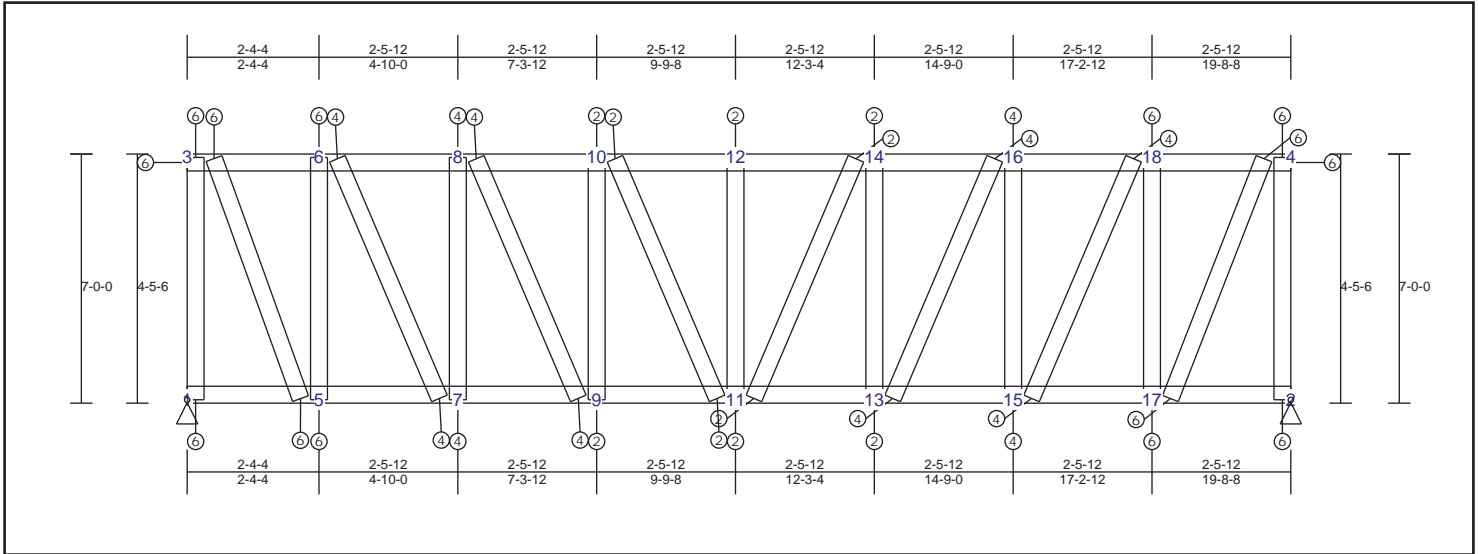
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.91	-124 lbs	-124 lbs	1-7	0.91	-1511 lbs	-1511 lbs	1-3	0.91	-3046 lbs	-3046 lbs
6-8	0.91	-1337 lbs	-1337 lbs	7-14	0.91	-1387 lbs	-1387 lbs	6-7	0.91	-6290 lbs	-6290 lbs
8-9	0.85	-1991 lbs	-1991 lbs	14-15	0.91	480 lbs	-360 lbs	8-14	0.91	-6126 lbs	-6126 lbs
9-10	0.54	-2414 lbs	-2414 lbs	15-17	0.66	903 lbs	-676 lbs	9-15	0.91	-3405 lbs	-3405 lbs
10-11	0.33	-2612 lbs	-2612 lbs	16-17	0.44	1101 lbs	-825 lbs	10-17	0.91	-2186 lbs	-2186 lbs
11-12	0.27	-2612 lbs	-2612 lbs	16-18	0.25	1101 lbs	-825 lbs	11-16	0.91	-674 lbs	-674 lbs
12-13	0.36	-2572 lbs	-2572 lbs	18-19	0.49	1061 lbs	-793 lbs	12-18	0.91	-828 lbs	-828 lbs
13-24	0.63	-2326 lbs	-2326 lbs	19-21	0.85	815 lbs	-611 lbs	13-19	0.91	-2463 lbs	-2463 lbs
22-24	0.91	-1841 lbs	-1841 lbs	20-21	0.91	-562 lbs	-562 lbs	21-24	0.91	-4415 lbs	-4415 lbs
22-23	0.91	-949 lbs	-949 lbs	5-20	0.91	-1269 lbs	-1269 lbs	20-22	0.91	-6931 lbs	-6931 lbs
4-23	0.91	-242 lbs	-242 lbs	2-5	0.91	-1511 lbs	-1511 lbs	5-23	0.91	-7193 lbs	-7193 lbs
								2-4	0.91	-4087 lbs	-4087 lbs
								3-7	0.91	3380 lbs	-2524 lbs
								6-14	0.91	7295 lbs	-5466 lbs
								8-15	0.91	3938 lbs	-2950 lbs
								9-17	0.91	2542 lbs	-1905 lbs
								10-16	0.91	1191 lbs	-892 lbs
								11-18	0.42	-241 lbs	-241 lbs
								13-18	0.91	1476 lbs	-1094 lbs
								19-24	0.91	2919 lbs	-2187 lbs
								21-22	0.91	5369 lbs	-4023 lbs
								20-23	0.91	7510 lbs	-5625 lbs
								4-5	0.91	5288 lbs	-3958 lbs

TRUSS TD02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.76 (3 - 6)	TL(V): 0.1 in.	L / 999	(10-12)	L / 90
BC : 0.72 (1 - 5)	LL(V): 0.04 in.	L / 999	(10-12)	L / 90
Web : 0.77 (5 - 6)	DL(V): 0.06 in.	L / 999	(10-12)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		4	
	Web :			
	Snow/Wind -0.04 in.	L / 999	(10-12)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		580 lbs	1420 lbs	0 lbs	-180 lbs	580 lbs
2	Pin		-580 lbs	1420 lbs	0 lbs	-180 lbs	-580 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
7'-0"	19'-8"

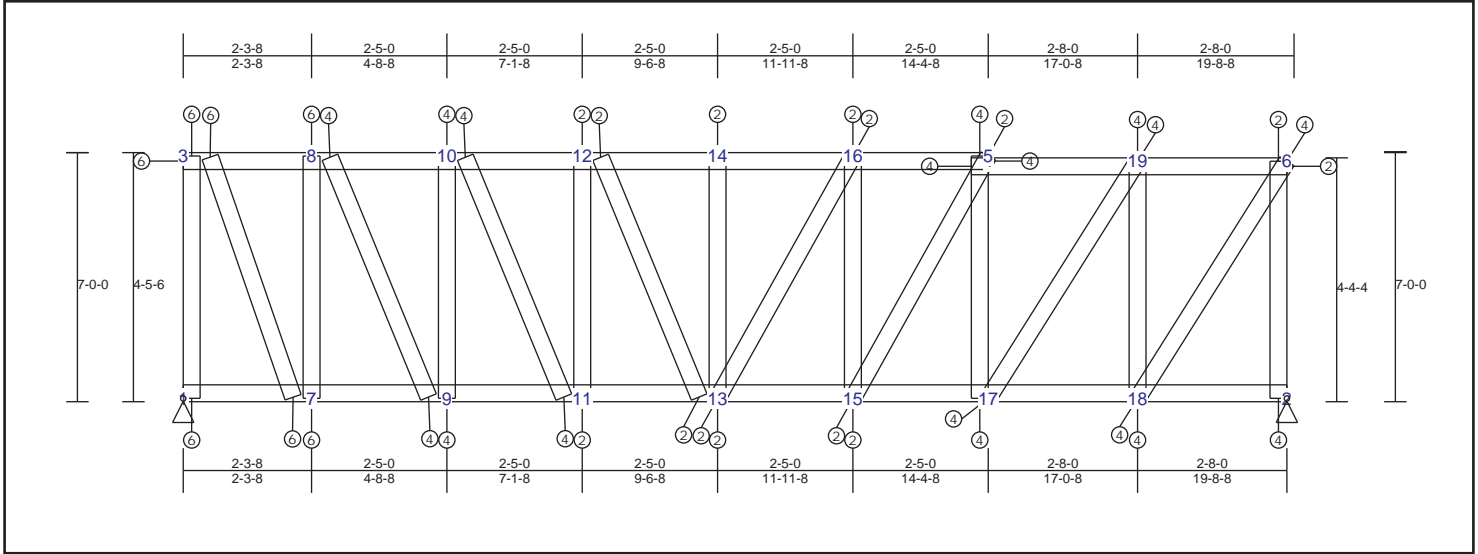
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.76	-402 lbs	-402 lbs	1-5	0.72	-584 lbs	-584 lbs	1-3	0.77	-1519 lbs	-1519 lbs
6-8	0.58	-756 lbs	-756 lbs	5-7	0.72	-182 lbs	-182 lbs	5-6	0.77	-1895 lbs	-1895 lbs
8-10	0.37	-959 lbs	-959 lbs	7-9	0.43	375 lbs	-111 lbs	7-8	0.77	-1149 lbs	-1149 lbs
10-12	0.22	-1027 lbs	-1027 lbs	9-11	0.25	443 lbs	-130 lbs	9-10	0.77	-627 lbs	-627 lbs
12-14	0.22	-1027 lbs	-1027 lbs	11-13	0.24	443 lbs	-130 lbs	11-12	0.56	-329 lbs	-329 lbs
14-16	0.35	-966 lbs	-966 lbs	13-15	0.42	382 lbs	-113 lbs	13-14	0.77	-600 lbs	-600 lbs
16-18	0.58	-770 lbs	-770 lbs	15-17	0.71	186 lbs	-159 lbs	15-16	0.77	-1114 lbs	-1114 lbs
4-18	0.76	-425 lbs	-425 lbs	2-17	0.71	-584 lbs	-584 lbs	17-18	0.77	-1855 lbs	-1855 lbs
								2-4	0.77	-1509 lbs	-1509 lbs
								3-5	0.40	1845 lbs	-544 lbs
								6-7	0.31	1390 lbs	-410 lbs
								8-9	0.17	796 lbs	-235 lbs
								10-11	0.05	267 lbs	-77 lbs
								11-14	0.05	241 lbs	-70 lbs
								13-16	0.17	769 lbs	-227 lbs
								15-18	0.30	1352 lbs	-399 lbs
								4-17	0.40	1811 lbs	-534 lbs

TRUSS TD03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.77 (3 - 8)	TL(V): 0.08 in.	L / 999	(12-14)	L / 90
BC : 0.73 (1 - 7)	LL(V): 0.03 in.	L / 999	(12-14)	L / 90
Web : 0.77 (7 - 8)	DL(V): 0.05 in.	L / 999	(12-14)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		6	
	Web :			
	Snow/Wind -0.04 in.	L / 999	(12-14)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin						
2	Pin		-570 lbs	1420 lbs	0 lbs	-180 lbs	570 lbs
			-570 lbs	1420 lbs	0 lbs	-180 lbs	-570 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-1-2	19-10-3

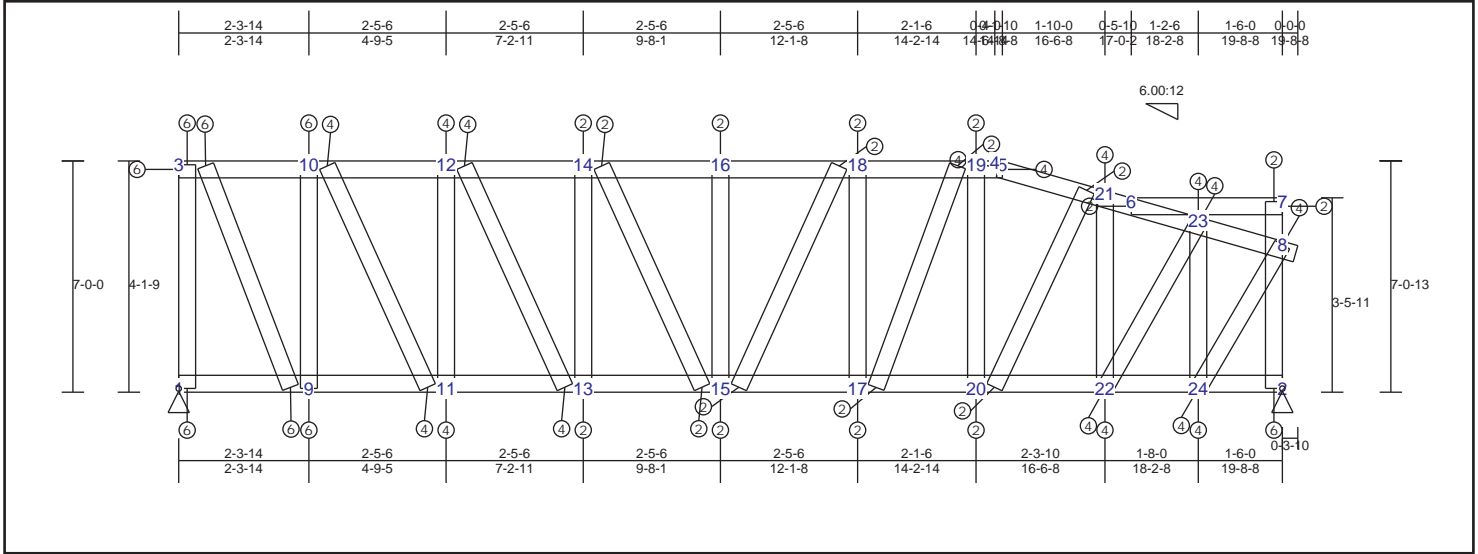
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-19	0.43	-810 lbs	-810 lbs	1-7	0.73	-569 lbs	-569 lbs	1-3	0.77	-1524 lbs	-1524 lbs
6-19	0.43	-489 lbs	-489 lbs	7-9	0.73	-179 lbs	-179 lbs	7-8	0.77	-1926 lbs	-1926 lbs
3-8	0.77	-390 lbs	-390 lbs	9-11	0.44	379 lbs	-112 lbs	9-10	0.77	-1184 lbs	-1184 lbs
8-10	0.58	-741 lbs	-741 lbs	11-13	0.27	458 lbs	-135 lbs	11-12	0.77	-676 lbs	-676 lbs
10-12	0.37	-948 lbs	-948 lbs	13-15	0.18	458 lbs	-135 lbs	13-14	0.52	-308 lbs	-308 lbs
12-14	0.22	-1026 lbs	-1026 lbs	15-17	0.29	422 lbs	-125 lbs	15-16	0.73	-418 lbs	-418 lbs
14-16	0.19	-1026 lbs	-1026 lbs	17-18	0.48	241 lbs	-80 lbs	4-17	0.40	-758 lbs	-758 lbs
5-16	0.19	-991 lbs	-991 lbs	2-18	0.48	-587 lbs	-587 lbs	4-5	0.37	-116 lbs	-116 lbs
								18-19	0.77	-1283 lbs	-1283 lbs
								2-6	0.56	-1400 lbs	-1400 lbs
								6-18	0.30	1396 lbs	-412 lbs
								17-19	0.19	885 lbs	-260 lbs
								5-15	0.13	578 lbs	-173 lbs
								13-16	0.02	108 lbs	-31 lbs
								3-7	0.41	1864 lbs	-550 lbs
								8-9	0.32	1424 lbs	-420 lbs
								10-11	0.18	836 lbs	-247 lbs
								12-13	0.06	319 lbs	-93 lbs

TRUSS TD04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.79 (3 - 10)	TL(V): 0.08 in.	L / 999	(14-16)	L / 90
BC : 0.75 (1 - 9)	LL(V): 0.03 in.	L / 999	(14-16)	L / 90
Web : 0.77 (9 - 10)	DL(V): 0.05 in.	L / 999	(14-16)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		5	
	Web :			
	Snow/Wind -0.04 in.	L / 999	(14-16)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin			1460 lbs	0 lbs	-200 lbs	660 lbs
2	Pin		-620 lbs	1790 lbs	0 lbs	-130 lbs	-620 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-0-8	20-0-2

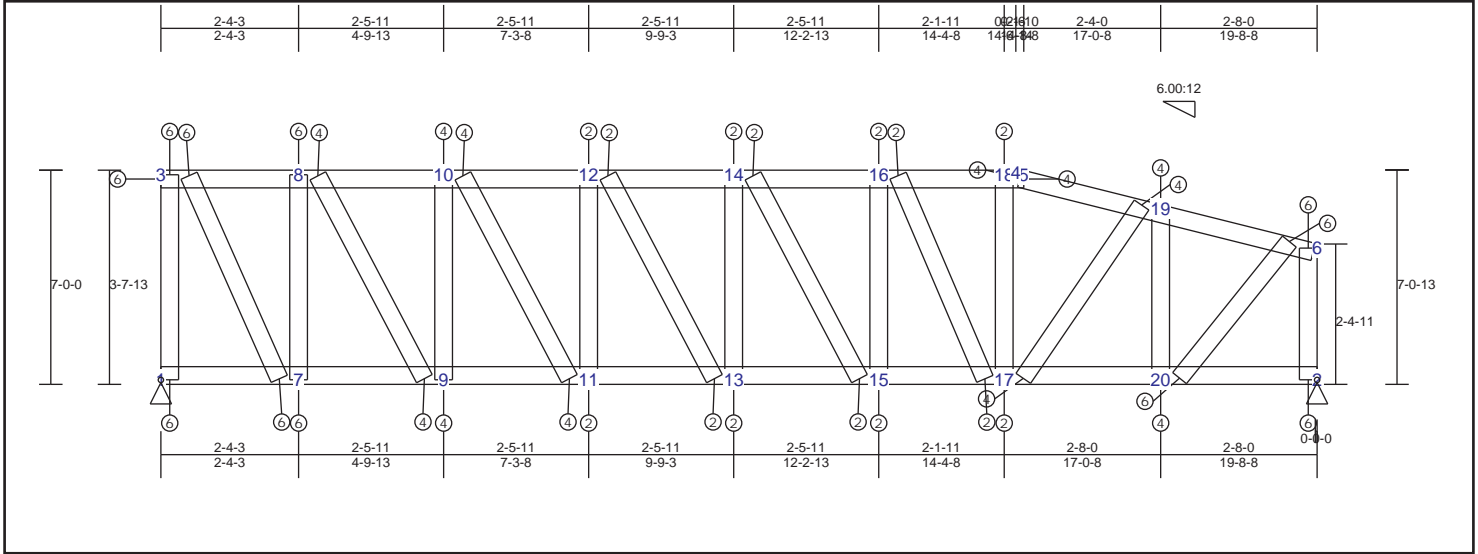
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-10	0.79	-408 lbs	-408 lbs	1-9	0.75	-662 lbs	-662 lbs	1-3	0.77	-1561 lbs	-1561 lbs
10-12	0.60	-774 lbs	-774 lbs	9-11	0.75	-254 lbs	-254 lbs	9-10	0.77	-1968 lbs	-1968 lbs
12-14	0.39	-992 lbs	-992 lbs	11-13	0.45	330 lbs	-89 lbs	11-12	0.77	-1216 lbs	-1216 lbs
14-16	0.24	-1079 lbs	-1079 lbs	13-15	0.28	417 lbs	-117 lbs	13-14	0.77	-702 lbs	-702 lbs
16-18	0.22	-1079 lbs	-1079 lbs	15-17	0.21	417 lbs	-117 lbs	15-16	0.57	-335 lbs	-335 lbs
18-19	0.28	-1035 lbs	-1035 lbs	17-20	0.21	373 lbs	-108 lbs	17-18	0.91	-515 lbs	-515 lbs
5-19	0.29	-902 lbs	-902 lbs	20-22	0.32	240 lbs	-77 lbs	2-8	0.35	-1777 lbs	-1777 lbs
6-7	0.09	49 lbs	-14 lbs	22-24	0.43	-222 lbs	-222 lbs	7-8	0.06	-137 lbs	-137 lbs
5-21	0.30	-1097 lbs	-1097 lbs	2-24	0.43	-606 lbs	-606 lbs	21-22	0.77	-892 lbs	-892 lbs
6-21	0.25	-1097 lbs	-1097 lbs					19-20	0.77	-566 lbs	-566 lbs
6-23	0.16	-904 lbs	-904 lbs					23-24	0.77	-1161 lbs	-1161 lbs
8-23	0.50	-904 lbs	-904 lbs					22-23	0.09	962 lbs	-224 lbs
								8-24	0.12	1223 lbs	-291 lbs
								3-9	0.47	1908 lbs	-575 lbs
								10-11	0.38	1461 lbs	-444 lbs
								12-13	0.24	868 lbs	-268 lbs
								14-15	0.14	343 lbs	-121 lbs
								15-18	0.02	193 lbs	-37 lbs
								17-19	0.08	647 lbs	-177 lbs
								20-21	0.06	605 lbs	-147 lbs

TRUSS TD05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.77 (3 - 8)	TL(V): 0.08 in.	L / 999	(12-14)	L / 90
BC : 0.73 (1 - 7)	LL(V): 0.03 in.	L / 999	(12-14)	L / 90
Web : 0.77 (7 - 8)	DL(V): 0.05 in.	L / 999	(12-14)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		5	
	Web :			
	Snow/Wind -0.04 in.	L / 999	(12-14)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		640 lbs	1440 lbs	0 lbs	-190 lbs	640 lbs
2	Pin		-590 lbs	1450 lbs	0 lbs	-10 lbs	-590 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
7'-0-0	19'-8-8

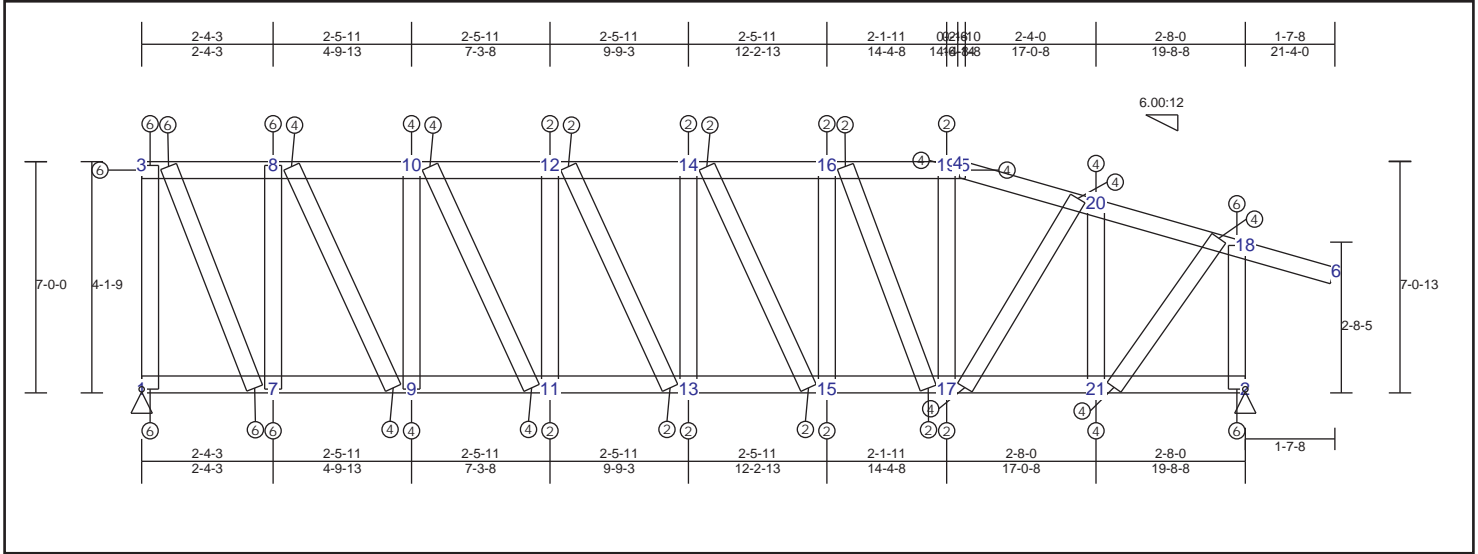
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-8	0.77	-405 lbs	-405 lbs	1-7	0.73	-636 lbs	-636 lbs	1-3	0.77	-1536 lbs	-1536 lbs
8-10	0.59	-765 lbs	-765 lbs	7-9	0.73	-230 lbs	-230 lbs	7-8	0.77	-1924 lbs	-1924 lbs
10-12	0.37	-974 lbs	-974 lbs	9-11	0.44	339 lbs	-92 lbs	9-10	0.77	-1171 lbs	-1171 lbs
12-14	0.23	-1052 lbs	-1052 lbs	11-13	0.26	417 lbs	-117 lbs	11-12	0.77	-672 lbs	-672 lbs
14-16	0.22	-1052 lbs	-1052 lbs	13-15	0.11	417 lbs	-117 lbs	13-14	0.27	-159 lbs	-159 lbs
16-18	0.22	-991 lbs	-991 lbs	15-17	0.26	356 lbs	-101 lbs	15-16	0.04	389 lbs	-91 lbs
5-18	0.20	-852 lbs	-852 lbs	17-20	0.57	216 lbs	-100 lbs	2-6	0.77	-1505 lbs	-1505 lbs
5-19	0.37	-1079 lbs	-1079 lbs	2-20	0.57	-593 lbs	-593 lbs	17-18	0.01	106 lbs	-33 lbs
6-19	0.72	-1079 lbs	-1079 lbs					19-20	0.77	-1478 lbs	-1478 lbs
								3-7	0.44	1870 lbs	-559 lbs
								8-9	0.35	1417 lbs	-426 lbs
								10-11	0.21	822 lbs	-250 lbs
								12-13	0.14	308 lbs	-112 lbs
								14-15	0.44	-241 lbs	-241 lbs
								16-17	0.77	-667 lbs	-667 lbs
								17-19	0.07	769 lbs	-192 lbs
								6-20	0.14	1502 lbs	-349 lbs

TRUSS TD06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.77 (3 - 8)	TL(V): 0.08 in.	L / 999 (12-14)	L / 90
BC : 0.73 (1 - 7)	LL(V): 0.03 in.	L / 999 (12-14)	L / 90
Web : 0.77 (7 - 8)	DL(V): 0.05 in.	L / 999 (12-14)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: -0.01 in.	5	
	Web :		
	Snow/Wind -0.03 in.	L / 999 (12-14)	L / 90
	Cant (Snow/Wind) -0.02 in.	L / 999 6	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin			1430 lbs	0 lbs	-200 lbs	630 lbs
2	Pin		-570 lbs	1670 lbs	0 lbs	-150 lbs	-570 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
7'-0"	21'-4"

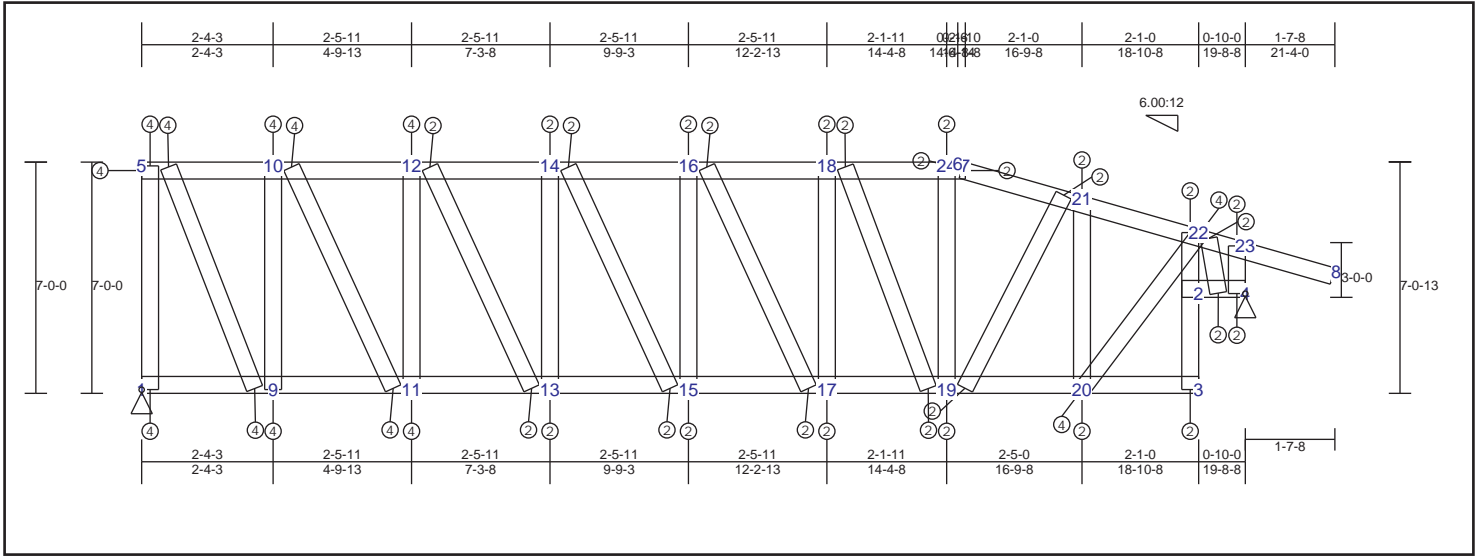
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-8	0.77	-403 lbs	-403 lbs	1-7	0.73	-628 lbs	-628 lbs	1-3	0.77	-1528 lbs	-1528 lbs
8-10	0.58	-760 lbs	-760 lbs	7-9	0.73	-225 lbs	-225 lbs	7-8	0.77	-1912 lbs	-1912 lbs
10-12	0.37	-966 lbs	-966 lbs	9-11	0.43	338 lbs	-85 lbs	9-10	0.77	-1160 lbs	-1160 lbs
12-14	0.23	-1042 lbs	-1042 lbs	11-13	0.26	413 lbs	-112 lbs	11-12	0.77	-661 lbs	-661 lbs
14-16	0.22	-1042 lbs	-1042 lbs	13-15	0.11	413 lbs	-112 lbs	13-14	0.25	-150 lbs	-150 lbs
16-19	0.22	-977 lbs	-977 lbs	15-17	0.27	349 lbs	-98 lbs	15-16	0.04	409 lbs	-86 lbs
5-19	0.20	-835 lbs	-835 lbs	17-21	0.52	207 lbs	-117 lbs	2-18	0.77	-1722 lbs	-1722 lbs
5-20	0.36	-1055 lbs	-1055 lbs	2-21	0.52	-572 lbs	-572 lbs	17-19	0.01	83 lbs	-22 lbs
18-20	0.59	-1055 lbs	-1055 lbs					20-21	0.77	-1371 lbs	-1371 lbs
6-18	0.19	88 lbs	0 lbs					3-7	0.48	1859 lbs	-568 lbs
								8-9	0.39	1405 lbs	-435 lbs
								10-11	0.25	811 lbs	-259 lbs
								12-13	0.17	297 lbs	-118 lbs
								14-15	0.77	-255 lbs	-255 lbs
								16-17	0.77	-679 lbs	-679 lbs
								17-20	0.07	789 lbs	-173 lbs
								18-21	0.13	1403 lbs	-224 lbs

TRUSS TD07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.51 (5 - 10)	TL(V): 0.05 in.	L / 999 (14-16)	L / 90
BC : 0.49 (1 - 9)	LL(V): 0.03 in.	L / 999 (14-16)	L / 90
Web : 0.77 (9 - 10)	DL(V): 0.01 in.	L / 999 (14-16)	L / 0
	Cant / OH TL: 0.03 in.	2L / 999 (14-16)	2L / 90
	Cant / OH LL: 0.03 in.	2L / 999 (14-16)	2L / 90
	Horiz TL: -0.01 in.	7	
	Web :		
	Snow/Wind -0.03 in.	L / 999 (14-16)	L / 90
	Cant (Snow/Wind) -0.03 in. / 999	(14-16)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-220 lbs	950 lbs	0 lbs	-560 lbs	-220 lbs
4	Pin		-80 lbs	1070 lbs	0 lbs	-600 lbs	-80 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
7-0-11	21-4-0

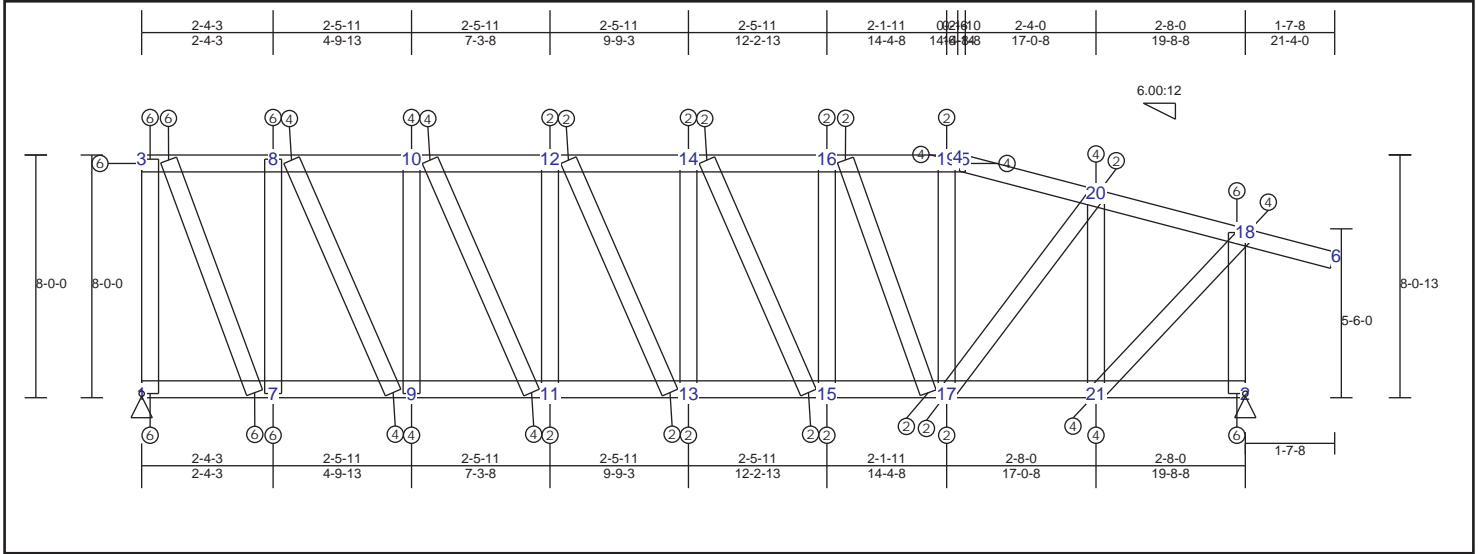
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force
5-10	0.51	-269 lbs	-269 lbs	2-4	0.35	-84 lbs	-84 lbs	1-5	0.77	-1021 lbs	-1021 lbs
10-12	0.39	-509 lbs	-509 lbs	1-9	0.49	216 lbs	-151 lbs	9-10	0.77	-1286 lbs	-1286 lbs
12-14	0.25	-649 lbs	-649 lbs	9-11	0.49	382 lbs	-120 lbs	11-12	0.77	-791 lbs	-791 lbs
14-16	0.15	-704 lbs	-704 lbs	11-13	0.29	522 lbs	-205 lbs	13-14	0.81	-463 lbs	-463 lbs
16-18	0.15	-704 lbs	-704 lbs	13-15	0.18	577 lbs	-240 lbs	15-16	0.21	158 lbs	-129 lbs
18-24	0.14	-667 lbs	-667 lbs	15-17	0.11	577 lbs	-240 lbs	17-18	0.16	250 lbs	-94 lbs
7-24	0.13	-574 lbs	-574 lbs	17-19	0.18	540 lbs	-221 lbs	20-21	0.84	-711 lbs	-711 lbs
7-21	0.18	-715 lbs	-715 lbs	19-20	0.25	448 lbs	-170 lbs	2-3	0.11	11 lbs	-5 lbs
21-22	0.23	-715 lbs	-715 lbs	3-20	0.25	341 lbs	-117 lbs	2-22	0.77	-383 lbs	-383 lbs
22-23	0.29	301 lbs	-251 lbs					4-23	0.18	-683 lbs	-683 lbs
8-23	0.24	54 lbs	0 lbs					19-24	0.04	77 lbs	-32 lbs
								20-22	0.23	751 lbs	-267 lbs
								5-9	0.77	1240 lbs	-733 lbs
								10-11	0.77	944 lbs	-561 lbs
								12-13	0.62	552 lbs	-333 lbs
								14-15	0.28	216 lbs	-156 lbs
								4-22	0.02	-74 lbs	-74 lbs
								16-17	0.26	-146 lbs	-146 lbs
								19-21	0.25	381 lbs	-188 lbs
								18-19	0.77	-443 lbs	-443 lbs

TRUSS TD08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary		Deflection		L / (Loc)	Max. Allowed
TC :	0.77 (3 - 8)	TL(V):	0.08 in.	L / 999	(12-14) L / 90
BC :	0.73 (1 - 7)	LL(V):	0.03 in.	L / 999	(12-14) L / 90
Web :	0.77 (7 - 8)	DL(V):	0.05 in.	L / 999	(12-14) L / 0
		Cant / OH TL:	0.01 in.	2L / 999	6 2L / 90
		Cant / OH LL:	0.01 in.	2L / 999	6 2L / 90
		Horiz TL:	-0.01 in.		5
		Web :			
		Snow/Wind	-0.04 in.	L / 999	(12-14) L / 90
		Cant (Snow/Wind)	-0.03 in.	L / 999	6 L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		540 lbs	1430 lbs	0 lbs	-210 lbs	540 lbs
2	Pin		-480 lbs	1670 lbs	0 lbs	-140 lbs	-480 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
8-0-12	21-4-0

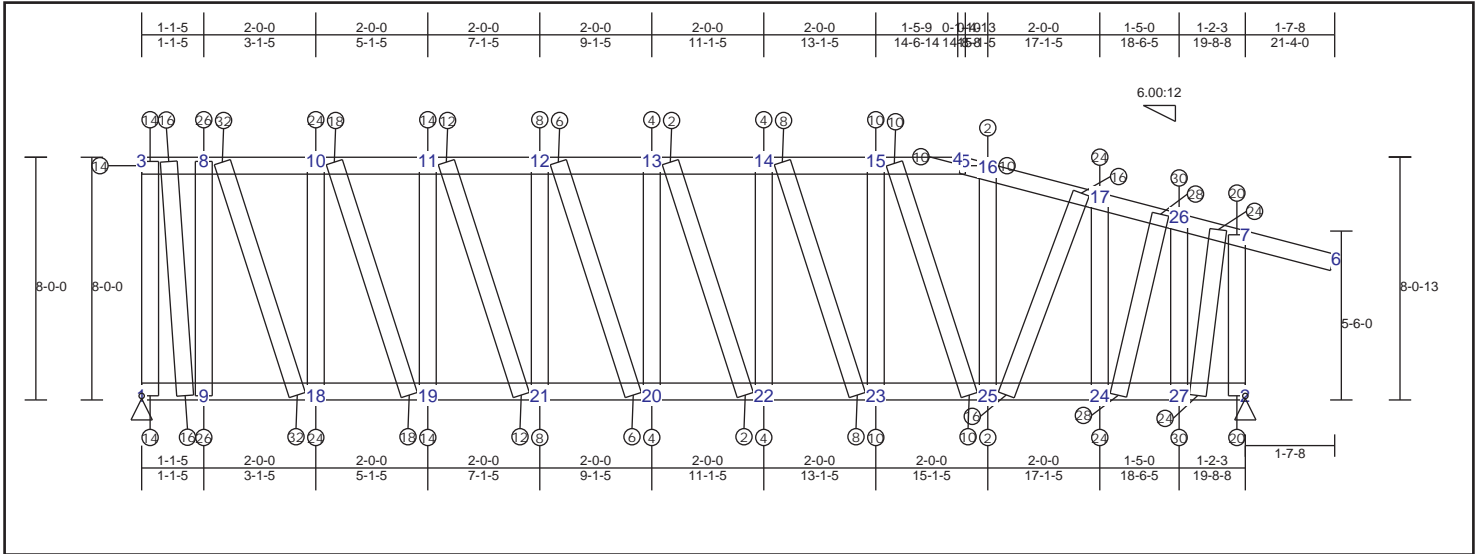
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-8	0.77	-350 lbs	-350 lbs	1-7	0.73	-537 lbs	-537 lbs	1-3	0.77	-1529 lbs	-1529 lbs
8-10	0.58	-662 lbs	-662 lbs	7-9	0.73	-187 lbs	-187 lbs	7-8	0.77	-1907 lbs	-1907 lbs
10-12	0.37	-843 lbs	-843 lbs	9-11	0.44	305 lbs	-74 lbs	9-10	0.77	-1166 lbs	-1166 lbs
12-14	0.21	-909 lbs	-909 lbs	11-13	0.26	372 lbs	-100 lbs	11-12	0.77	-665 lbs	-665 lbs
14-16	0.20	-909 lbs	-909 lbs	13-15	0.11	372 lbs	-100 lbs	13-14	0.33	160 lbs	-148 lbs
16-19	0.20	-855 lbs	-855 lbs	15-17	0.24	318 lbs	-91 lbs	15-16	0.03	351 lbs	-59 lbs
5-19	0.19	-742 lbs	-742 lbs	17-21	0.32	205 lbs	-117 lbs	2-18	0.77	-1640 lbs	-1640 lbs
5-20	0.21	-852 lbs	-852 lbs	2-21	0.32	-480 lbs	-480 lbs	17-19	0.00	50 lbs	-10 lbs
18-20	0.56	-852 lbs	-852 lbs					20-21	0.77	-884 lbs	-884 lbs
6-18	0.50	94 lbs	0 lbs					18-21	0.09	976 lbs	-138 lbs
								17-20	0.06	680 lbs	-158 lbs
								3-7	0.67	1843 lbs	-572 lbs
								8-9	0.54	1397 lbs	-441 lbs
								10-11	0.36	809 lbs	-267 lbs
								12-13	0.26	297 lbs	-129 lbs
								14-15	0.62	-257 lbs	-257 lbs
								16-17	0.77	-619 lbs	-619 lbs

TRUSS TD09 (spacing 24 in) - complex I-section from (2) profiles



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.91 (8 - 10)	TL(V): 0.67 in.	L / 259 (12-13)	L / 90
BC : 0.91 (1 - 9)	LL(V): 0.2 in.	L / 885 (12-13)	L / 90
Web : 0.91 (24 - 17)	DL(V): 0.48 in.	L / 489 (20-22)	L / 0
	Cant / OH TL: -0.09 in.	2L / 501	2L / 90
	Cant / OH LL: -0.09 in.	2L / 501	2L / 90
	Horiz TL: 0.1 in.	6	6
	Web :		
	Snow/Wind -0.21 in.	L / 825 (12-13)	L / 90
	Cant (Snow/Wind) -0.04 in.L / 999	6	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 40.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2740 lbs	7040 lbs	0 lbs	0 lbs	2740 lbs
2	Pin		-2510 lbs	7580 lbs	0 lbs	0 lbs	-2510 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	(2)362S162-54(50)	Sheathing	
Bot Chd	(2)362S162-54(50)	Purlin (96 in.)	
Web	(2)362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
8'-0"	21'-4"

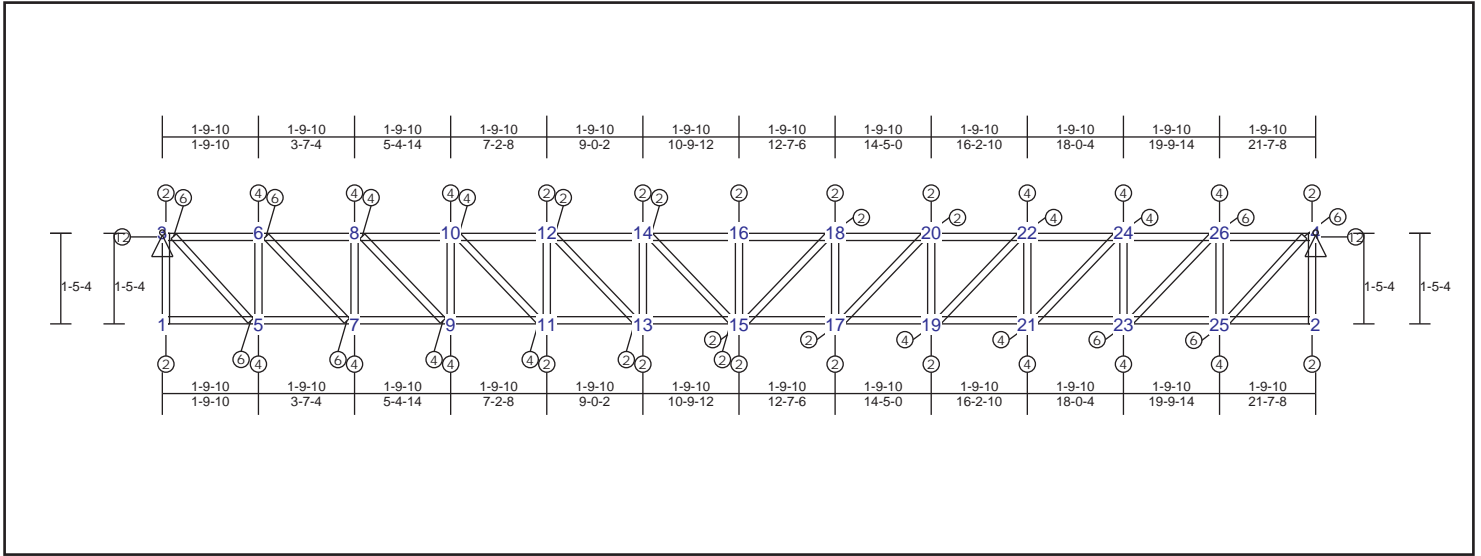
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-8	0.91	-210 lbs	-210 lbs	1-9	0.91	-2738 lbs	-2738 lbs	1-3	0.91	-5047 lbs	-5047 lbs
8-10	0.91	-2243 lbs	-2243 lbs	9-18	0.91	-2528 lbs	-2528 lbs	8-9	0.91	-10102 lbs	-10102 lbs
10-11	0.91	-3344 lbs	-3344 lbs	18-19	0.91	619 lbs	-510 lbs	10-18	0.91	-9658 lbs	-9658 lbs
11-12	0.87	-4059 lbs	-4059 lbs	19-21	0.91	1322 lbs	-433 lbs	11-19	0.91	-5155 lbs	-5155 lbs
12-13	0.54	-4398 lbs	-4398 lbs	20-21	0.66	1660 lbs	-603 lbs	12-21	0.91	-3093 lbs	-3093 lbs
13-14	0.52	-4398 lbs	-4398 lbs	20-22	0.29	1660 lbs	-623 lbs	13-20	0.91	933 lbs	-843 lbs
14-15	0.80	-4362 lbs	-4362 lbs	22-23	0.56	1625 lbs	-623 lbs	14-22	0.13	1579 lbs	-82 lbs
5-15	0.80	-3956 lbs	-3956 lbs	23-25	0.86	1218 lbs	-493 lbs	15-23	0.91	3853 lbs	-982 lbs
5-16	0.58	-3167 lbs	-3167 lbs	24-25	0.91	-730 lbs	-730 lbs	16-25	0.29	247 lbs	-182 lbs
16-17	0.91	-4963 lbs	-4963 lbs	24-27	0.91	-1890 lbs	-1890 lbs	17-24	0.91	-9217 lbs	-9217 lbs
17-26	0.91	-4963 lbs	-4963 lbs	2-27	0.91	-2510 lbs	-2510 lbs	2-7	0.91	-7957 lbs	-7957 lbs
7-26	0.91	-4638 lbs	-4638 lbs					26-27	0.91	-11514 lbs	-11514 lbs
6-7	0.54	217 lbs	0 lbs					3-9	0.91	5722 lbs	-2379 lbs
								8-18	0.91	12229 lbs	-5178 lbs
								10-19	0.91	6623 lbs	-2862 lbs
								11-21	0.91	4306 lbs	-1932 lbs
								12-20	0.91	2035 lbs	-1047 lbs
								13-22	0.91	-685 lbs	-685 lbs
								14-23	0.91	-2447 lbs	-2447 lbs
								15-25	0.91	-3823 lbs	-3823 lbs
								17-25	0.91	6076 lbs	-1539 lbs
								24-26	0.91	10798 lbs	-2452 lbs
								7-27	0.91	9593 lbs	-1584 lbs

TRUSS TF01 (spacing 16 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.71 (3 - 6)	TL(V): 0.2 in.	L / 999	L / 90
BC : 0.72 (1 - 5)	LL(V): 0.14 in.	L / 999 (14-16)	L / 90
Web : 0.20 (25 - 4)	DL(V): 0.07 in.	L / 999 (14-16)	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: 0 in.	0	0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Pin		-3810 lbs	1260 lbs	0 lbs	0 lbs	-3810 lbs
4	Pin		3810 lbs	1260 lbs	0 lbs	0 lbs	3810 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	
Bot Chd	362S162-43(33)	Purlin (96 in.)	
Web	362S162-43(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
1-5-4	21-7-8

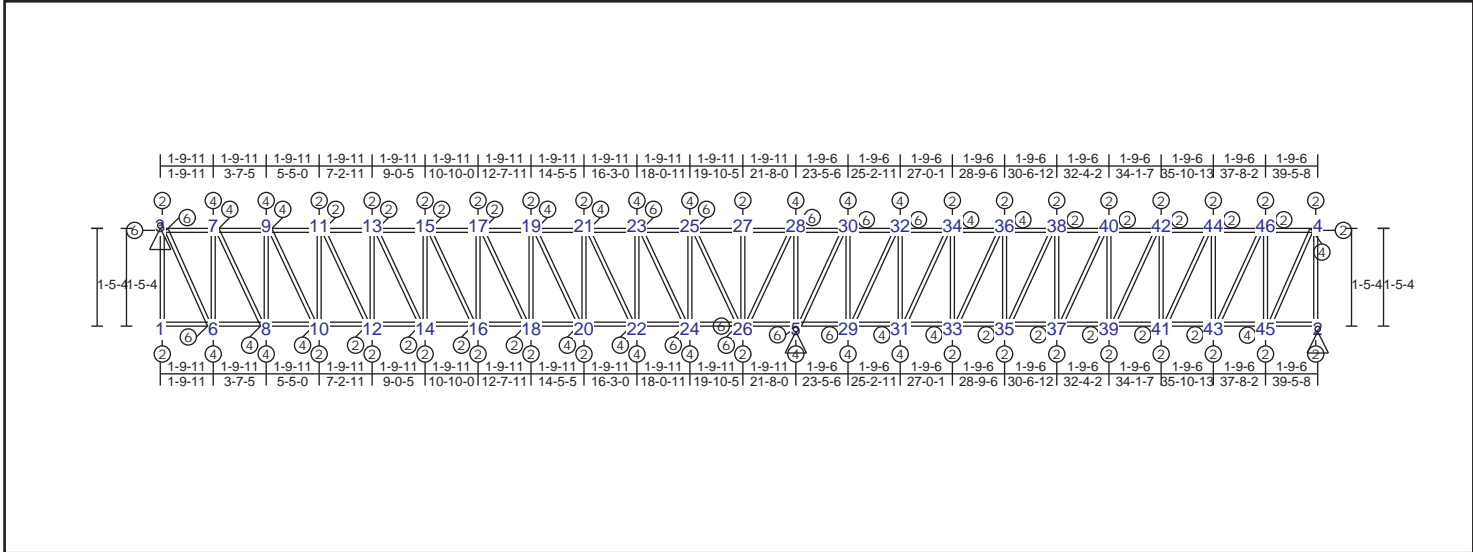
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.71	3809 lbs	0 lbs	1-5	0.72	1557 lbs	0 lbs	1-3	0.01	-42 lbs	-42 lbs
6-8	0.70	2253 lbs	0 lbs	5-7	0.72	2877 lbs	0 lbs	5-6	0.19	-1467 lbs	-1467 lbs
8-10	0.49	932 lbs	-81 lbs	7-9	0.57	3890 lbs	0 lbs	7-8	0.14	-1064 lbs	-1064 lbs
10-12	0.38	-811 lbs	-811 lbs	9-11	0.58	4621 lbs	0 lbs	9-10	0.11	-841 lbs	-841 lbs
12-14	0.27	-1245 lbs	-1245 lbs	11-13	0.55	5054 lbs	0 lbs	11-12	0.08	-582 lbs	-582 lbs
14-16	0.26	-1404 lbs	-1404 lbs	13-15	0.51	5213 lbs	0 lbs	13-14	0.04	-330 lbs	-330 lbs
16-18	0.26	-1404 lbs	-1404 lbs	15-17	0.51	5213 lbs	0 lbs	15-16	0.03	-204 lbs	-204 lbs
18-20	0.27	-1245 lbs	-1245 lbs	17-19	0.55	5054 lbs	0 lbs	17-18	0.04	-330 lbs	-330 lbs
20-22	0.38	-811 lbs	-811 lbs	19-21	0.58	4621 lbs	0 lbs	19-20	0.08	-582 lbs	-582 lbs
22-24	0.49	932 lbs	-81 lbs	21-23	0.57	3890 lbs	0 lbs	21-22	0.11	-841 lbs	-841 lbs
24-26	0.70	2252 lbs	0 lbs	23-25	0.72	2877 lbs	0 lbs	23-24	0.14	-1064 lbs	-1064 lbs
4-26	0.71	3809 lbs	0 lbs	2-25	0.72	1557 lbs	0 lbs	25-26	0.19	-1467 lbs	-1467 lbs
								2-4	0.01	-42 lbs	-42 lbs
								3-5	0.20	2108 lbs	0 lbs
								6-7	0.17	1749 lbs	0 lbs
								8-9	0.13	1343 lbs	0 lbs
								10-11	0.09	968 lbs	0 lbs
								12-13	0.05	574 lbs	0 lbs
								14-15	0.02	211 lbs	0 lbs
								15-18	0.02	211 lbs	0 lbs
								17-20	0.05	574 lbs	0 lbs
								19-22	0.09	968 lbs	0 lbs
								21-24	0.13	1343 lbs	0 lbs
								23-26	0.17	1749 lbs	0 lbs
								4-25	0.20	2108 lbs	0 lbs

TRUSS TF02 (spacing 16 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/ (Loc)	Max. Allowed
TC : 0.53 (27 - 28)	TL(V): 0.16 in.	L / 999	L / 90
BC : 0.58 (26 - 5)	LL(V): 0.11 in.	L / 999 (15-17)	L / 90
Web : 0.17 (25 - 26)	DL(V): 0.05 in.	L / 999 (15-17)	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.	0	0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-350 lbs	720 lbs	0 lbs	0 lbs	-350 lbs
3	Pin		-1270 lbs	1080 lbs	0 lbs	0 lbs	-1270 lbs
5	Pin		1620 lbs	2810 lbs	0 lbs	0 lbs	1620 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
15-4	39-5-8

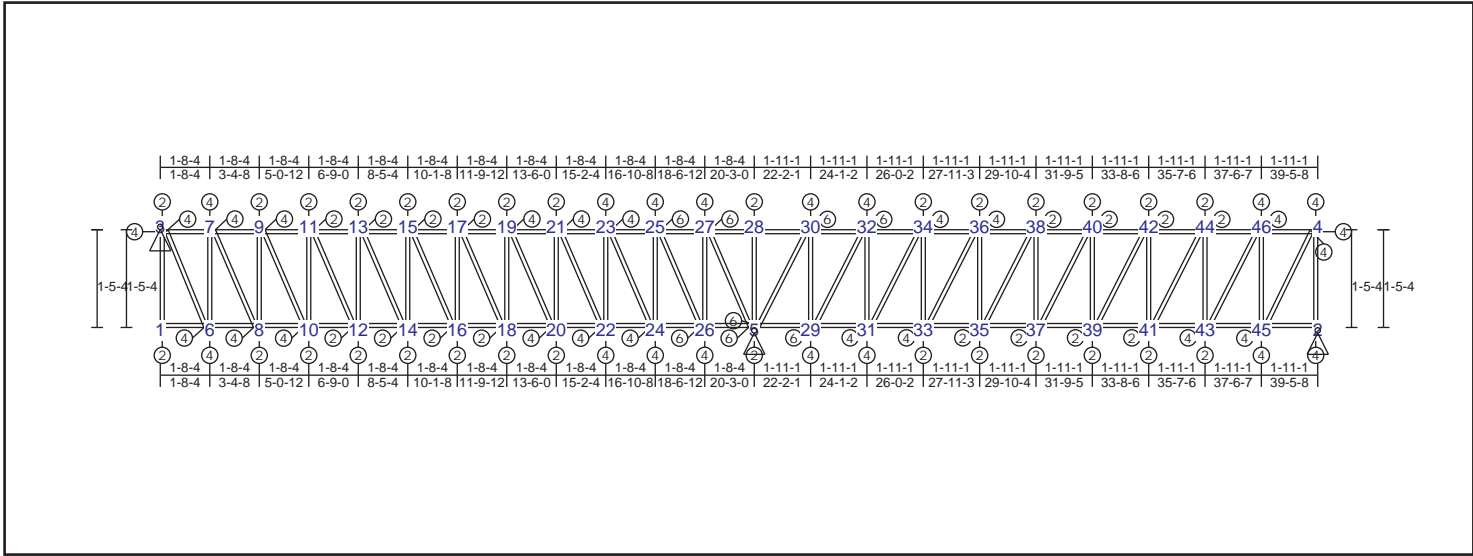
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-7	0.41	1273 lbs	-41 lbs	1-6	0.33	1313 lbs	0 lbs	1-3	0.00	-30 lbs	-30 lbs
7-9	0.31	-1109 lbs	-1109 lbs	6-8	0.33	2382 lbs	0 lbs	6-7	0.09	-1226 lbs	-1226 lbs
9-11	0.22	-1875 lbs	-1875 lbs	8-10	0.23	3147 lbs	0 lbs	8-9	0.06	-848 lbs	-848 lbs
11-13	0.23	-2354 lbs	-2354 lbs	10-12	0.22	3627 lbs	0 lbs	10-11	0.05	-621 lbs	-621 lbs
13-15	0.24	-2540 lbs	-2540 lbs	12-14	0.14	3813 lbs	0 lbs	12-13	0.03	-364 lbs	-364 lbs
15-17	0.23	-2540 lbs	-2540 lbs	14-16	0.14	3813 lbs	0 lbs	14-15	0.01	-113 lbs	-113 lbs
17-19	0.21	-2435 lbs	-2435 lbs	16-18	0.20	3708 lbs	0 lbs	16-17	0.01	140 lbs	0 lbs
19-21	0.22	-2040 lbs	-2040 lbs	18-20	0.21	3312 lbs	0 lbs	18-19	0.02	391 lbs	0 lbs
21-23	0.22	-1350 lbs	-1350 lbs	20-22	0.22	2623 lbs	0 lbs	20-21	0.03	650 lbs	0 lbs
23-25	0.35	902 lbs	-377 lbs	22-24	0.33	1649 lbs	0 lbs	22-23	0.04	868 lbs	0 lbs
25-27	0.35	2487 lbs	0 lbs	24-26	0.49	-1214 lbs	-1214 lbs	24-25	0.06	1276 lbs	0 lbs
27-28	0.53	4151 lbs	0 lbs	5-26	0.58	-4501 lbs	-4501 lbs	26-27	0.01	-193 lbs	-193 lbs
28-30	0.53	4151 lbs	0 lbs	5-29	0.58	-4501 lbs	-4501 lbs	5-28	0.12	-1617 lbs	-1617 lbs
30-32	0.37	2638 lbs	0 lbs	29-31	0.46	-2989 lbs	-2989 lbs	29-30	0.07	1344 lbs	0 lbs
32-34	0.26	1178 lbs	0 lbs	31-33	0.27	-1528 lbs	-1528 lbs	31-32	0.05	1044 lbs	0 lbs
34-36	0.21	-804 lbs	-804 lbs	33-35	0.20	453 lbs	-402 lbs	33-34	0.04	802 lbs	0 lbs
36-38	0.18	-1373 lbs	-1373 lbs	35-37	0.14	1023 lbs	0 lbs	35-36	0.03	552 lbs	0 lbs
38-40	0.16	-1661 lbs	-1661 lbs	37-39	0.09	1310 lbs	0 lbs	37-38	0.02	302 lbs	0 lbs
40-42	0.16	-1664 lbs	-1664 lbs	39-41	0.07	1314 lbs	0 lbs	39-40	0.00	53 lbs	0 lbs
42-44	0.17	-1664 lbs	-1664 lbs	41-43	0.11	1314 lbs	0 lbs	41-42	0.01	-200 lbs	-200 lbs
44-46	0.20	-1389 lbs	-1389 lbs	43-45	0.21	1038 lbs	0 lbs	43-44	0.03	-431 lbs	-431 lbs
4-6	0.27	-820 lbs	-820 lbs	2-45	0.21	470 lbs	-351 lbs	45-46	0.06	-771 lbs	-771 lbs
								2-4	0.05	-734 lbs	-734 lbs
								3-6	0.09	1775 lbs	0 lbs

TRUSS TF03 (spacing 16 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.42 (28 - 30)	TL(V): 0.12 in.	L / 999	L / 90
BC : 0.78 (26 - 5)	LL(V): 0.08 in.	L / 999 (15-17)	L / 90
Web : 0.18 (5 - 30)	DL(V): 0.04 in.	L / 999 (15-17)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: 0 in.	0	0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-880 lbs	850 lbs	0 lbs	0 lbs	-880 lbs
3	Pin		-990 lbs	990 lbs	0 lbs	0 lbs	-990 lbs
5	Pin		1880 lbs	2780 lbs	0 lbs	0 lbs	1880 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-5-4	39-5-8

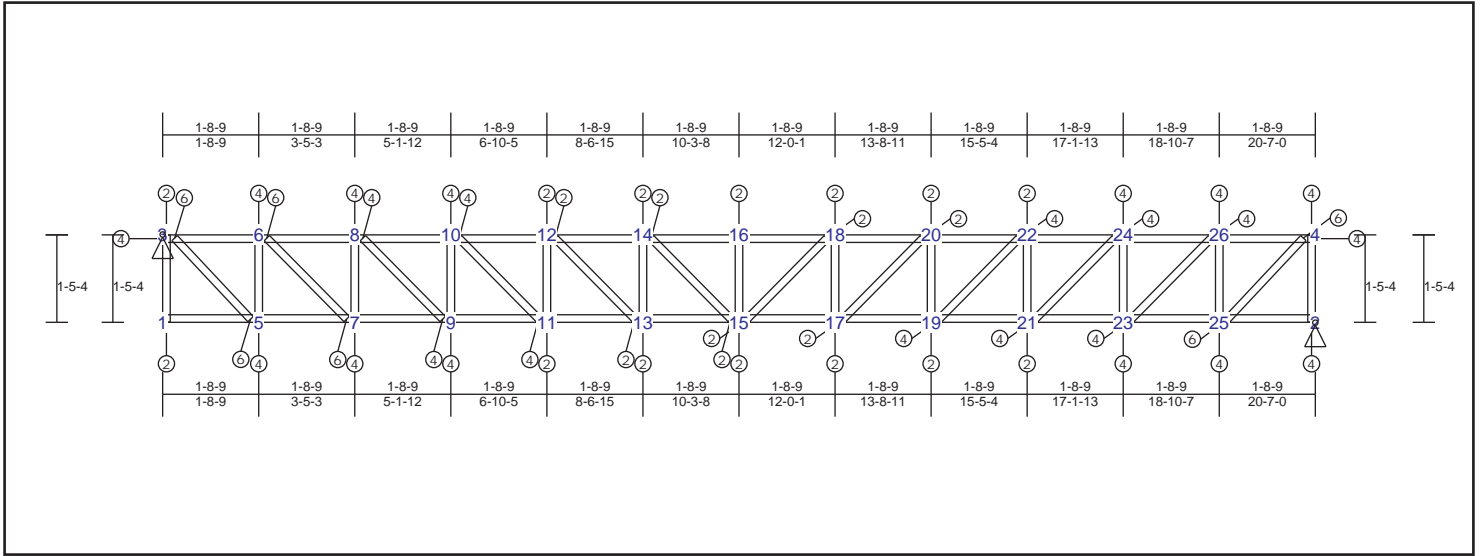
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-7	0.38	991 lbs	-121 lbs	1-6	0.31	1112 lbs	0 lbs	1-3	0.00	-32 lbs	-32 lbs
7-9	0.28	-1026 lbs	-1026 lbs	6-8	0.31	2018 lbs	0 lbs	6-7	0.08	-1143 lbs	-1143 lbs
9-11	0.19	-1664 lbs	-1664 lbs	8-10	0.20	2655 lbs	0 lbs	8-9	0.06	-778 lbs	-778 lbs
11-13	0.20	-2053 lbs	-2053 lbs	10-12	0.19	3044 lbs	0 lbs	10-11	0.04	-562 lbs	-562 lbs
13-15	0.21	-2186 lbs	-2186 lbs	12-14	0.05	3177 lbs	0 lbs	12-13	0.02	-317 lbs	-317 lbs
15-17	0.20	-2186 lbs	-2186 lbs	14-16	0.16	3177 lbs	0 lbs	14-15	0.01	-78 lbs	-78 lbs
17-19	0.19	-2064 lbs	-2064 lbs	16-18	0.17	3055 lbs	0 lbs	16-17	0.01	163 lbs	0 lbs
19-21	0.20	-1688 lbs	-1688 lbs	18-20	0.18	2679 lbs	0 lbs	18-19	0.02	403 lbs	0 lbs
21-23	0.23	-1058 lbs	-1058 lbs	20-22	0.22	2049 lbs	0 lbs	20-21	0.03	645 lbs	0 lbs
23-25	0.29	964 lbs	-172 lbs	22-24	0.29	1163 lbs	0 lbs	22-23	0.04	880 lbs	0 lbs
25-27	0.34	2383 lbs	0 lbs	24-26	0.35	-1392 lbs	-1392 lbs	24-25	0.06	1140 lbs	0 lbs
27-28	0.41	3867 lbs	0 lbs	5-26	0.78	-4752 lbs	-4752 lbs	26-27	0.07	1303 lbs	0 lbs
28-30	0.42	3867 lbs	0 lbs	5-29	0.78	-4752 lbs	-4752 lbs	5-28	0.00	-64 lbs	-64 lbs
30-32	0.33	2137 lbs	0 lbs	29-31	0.43	-3021 lbs	-3021 lbs	29-30	0.06	1241 lbs	0 lbs
32-34	0.27	-658 lbs	-658 lbs	31-33	0.27	-1445 lbs	-1445 lbs	31-32	0.05	1042 lbs	0 lbs
34-36	0.22	-1551 lbs	-1551 lbs	33-35	0.19	667 lbs	-226 lbs	33-34	0.04	761 lbs	0 lbs
36-38	0.22	-2113 lbs	-2113 lbs	35-37	0.12	1229 lbs	0 lbs	35-36	0.03	501 lbs	0 lbs
38-40	0.20	-2346 lbs	-2346 lbs	37-39	0.09	1462 lbs	0 lbs	37-38	0.01	236 lbs	0 lbs
40-42	0.22	-2346 lbs	-2346 lbs	39-41	0.08	1462 lbs	0 lbs	39-40	0.00	-27 lbs	-27 lbs
42-44	0.22	-2248 lbs	-2248 lbs	41-43	0.14	1364 lbs	0 lbs	41-42	0.02	-295 lbs	-295 lbs
44-46	0.24	-1825 lbs	-1825 lbs	43-45	0.25	940 lbs	0 lbs	43-44	0.04	-539 lbs	-539 lbs
4-46	0.31	-1062 lbs	-1062 lbs	2-45	0.25	-884 lbs	-884 lbs	45-46	0.07	-900 lbs	-900 lbs
								2-4	0.06	-862 lbs	-862 lbs
								3-6	0.08	1570 lbs	0 lbs

TRUSS TF04 (spacing 16 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/ (Loc)	Max. Allowed
TC : 0.47 (3 - 6)	TL(V): 0.23 in.	L / 999	L / 90
BC : 0.40 (1 - 5)	LL(V): 0.16 in.	L / 999 (14-16)	L / 90
Web : 0.11 (5 - 6)	DL(V): 0.08 in.	L / 999 (14-16)	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: 0 in.	0	0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		470 lbs	1170 lbs	0 lbs	0 lbs	470 lbs
3	Pin		-470 lbs	1230 lbs	0 lbs	0 lbs	-470 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	Section
Bot Chd	362S162-54(50)	Purlin (96 in.)	Material
Web	362S162-54(50)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
1-5-4	20-7-0

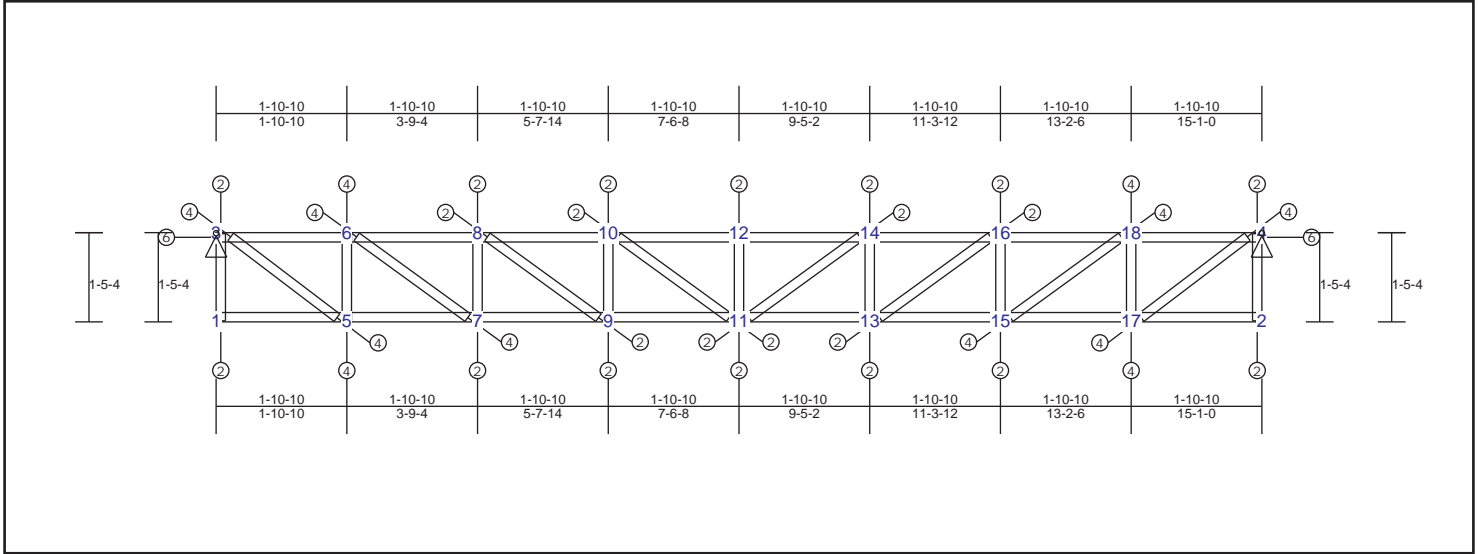
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-6 0.47 -965 lbs -965 lbs	1-5 0.40 1431 lbs 0 lbs	1-3 0.00 -40 lbs -40 lbs
6-8 0.36 -2198 lbs -2198 lbs	5-7 0.40 2664 lbs 0 lbs	5-6 0.11 -1447 lbs -1447 lbs
8-10 0.33 -3152 lbs -3152 lbs	7-9 0.27 3618 lbs 0 lbs	7-8 0.08 -1058 lbs -1058 lbs
10-12 0.36 -3850 lbs -3850 lbs	9-11 0.27 4316 lbs 0 lbs	9-10 0.06 -843 lbs -843 lbs
12-14 0.38 -4283 lbs -4283 lbs	11-13 0.26 4748 lbs 0 lbs	11-12 0.04 -595 lbs -595 lbs
14-16 0.38 -4455 lbs -4455 lbs	13-15 0.00 4921 lbs 0 lbs	13-14 0.03 -351 lbs -351 lbs
16-18 0.38 -4455 lbs -4455 lbs	15-17 0.00 4921 lbs 0 lbs	15-16 0.01 -185 lbs -185 lbs
18-20 0.38 -4360 lbs -4360 lbs	17-19 0.25 4826 lbs 0 lbs	17-18 0.02 -274 lbs -274 lbs
20-22 0.36 -4006 lbs -4006 lbs	19-21 0.27 4471 lbs 0 lbs	19-20 0.04 -524 lbs -524 lbs
22-24 0.34 -3385 lbs -3385 lbs	21-23 0.27 3851 lbs 0 lbs	21-22 0.06 -771 lbs -771 lbs
24-26 0.34 -2509 lbs -2509 lbs	23-25 0.38 2975 lbs 0 lbs	23-24 0.07 -987 lbs -987 lbs
4-26 0.44 -1351 lbs -1351 lbs	2-25 0.38 1816 lbs 0 lbs	25-26 0.10 -1370 lbs -1370 lbs
		2-4 0.09 -1204 lbs -1204 lbs
		3-5 0.10 1998 lbs 0 lbs
		6-7 0.08 1679 lbs 0 lbs
		8-9 0.07 1299 lbs 0 lbs
		10-11 0.05 951 lbs 0 lbs
		12-13 0.03 589 lbs 0 lbs
		14-15 0.01 235 lbs 0 lbs
		15-18 0.01 130 lbs 0 lbs
		17-20 0.02 482 lbs 0 lbs
		19-22 0.04 845 lbs 0 lbs
		21-24 0.06 1193 lbs 0 lbs
		23-26 0.08 1577 lbs 0 lbs
		4-25 0.09 1886 lbs 0 lbs

TRUSS TF05 (spacing 16 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.46 (16 - 18)	TL(V): 0.06 in.	L / 999		L / 90
BC : 0.68 (5 - 7)	LL(V): 0.04 in.	L / 999	(10-12)	L / 90
Web : 0.14 (17 - 4)	DL(V): 0.02 in.	L / 999	(9-11)	L / 0
	Cant / OH TL: 0 in.	2L / 999		2L / 0
	Cant / OH LL: 0 in.	2L / 999		2L / 0
	Horiz TL: 0 in.			0
	Web :			
	Snow/Wind 0 in.	L / 999		L / 0
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Pin		-1930 lbs	880 lbs	0 lbs	0 lbs	-1930 lbs
4	Pin		1930 lbs	880 lbs	0 lbs	0 lbs	1930 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
15'-4"	15'-1-0"

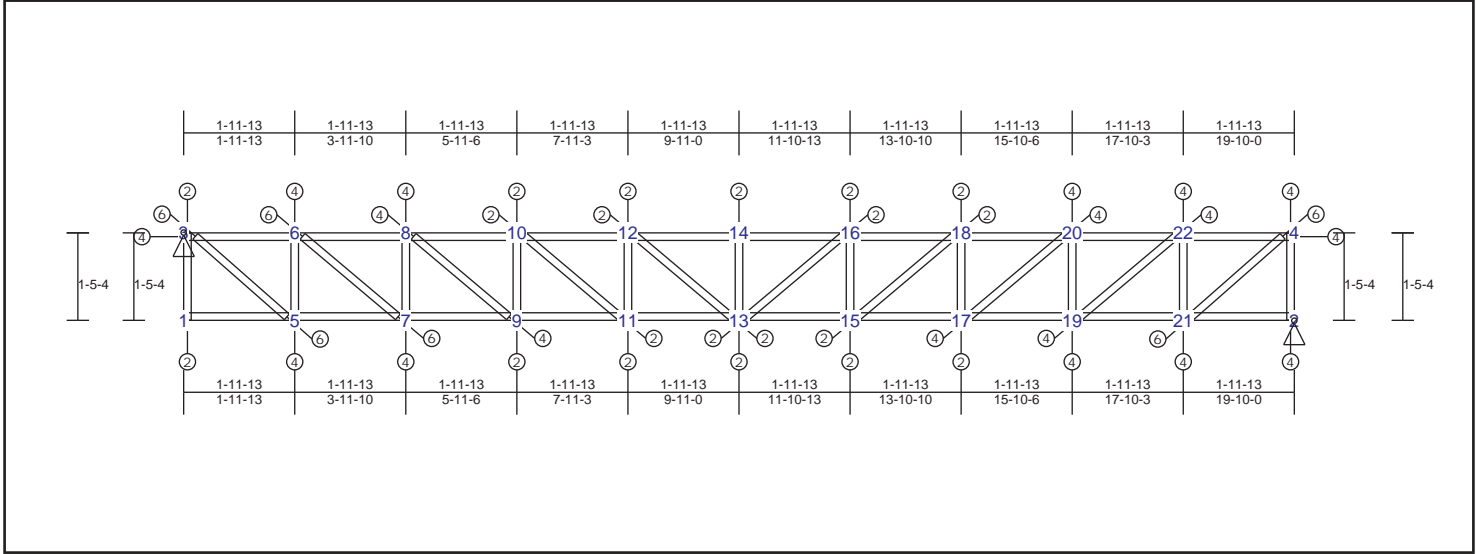
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.46	1929 lbs	0 lbs	1-5	0.47	1091 lbs	0 lbs	1-3	0.00	-20 lbs	-20 lbs
6-8	0.46	838 lbs	0 lbs	5-7	0.68	1894 lbs	0 lbs	5-6	0.12	-951 lbs	-951 lbs
8-10	0.27	-438 lbs	-438 lbs	7-9	0.32	2367 lbs	0 lbs	7-8	0.08	-586 lbs	-586 lbs
10-12	0.18	-606 lbs	-606 lbs	9-11	0.27	2535 lbs	0 lbs	9-10	0.05	-344 lbs	-344 lbs
12-14	0.18	-606 lbs	-606 lbs	11-13	0.27	2535 lbs	0 lbs	11-12	0.03	-204 lbs	-204 lbs
14-16	0.27	-438 lbs	-438 lbs	13-15	0.32	2367 lbs	0 lbs	13-14	0.05	-344 lbs	-344 lbs
16-18	0.46	838 lbs	0 lbs	15-17	0.67	1894 lbs	0 lbs	15-16	0.08	-586 lbs	-586 lbs
4-18	0.46	1929 lbs	0 lbs	2-17	0.47	1091 lbs	0 lbs	17-18	0.12	-951 lbs	-951 lbs
								2-4	0.00	-20 lbs	-20 lbs
								3-5	0.14	1439 lbs	0 lbs
								6-7	0.10	1039 lbs	0 lbs
								8-9	0.06	612 lbs	0 lbs
								10-11	0.02	217 lbs	0 lbs
								11-14	0.02	217 lbs	0 lbs
								13-16	0.06	612 lbs	0 lbs
								15-18	0.10	1039 lbs	0 lbs
								4-17	0.14	1439 lbs	0 lbs

TRUSS TF06 (spacing 16 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.44 (3 - 6)	TL(V): 0.2 in.	L / 999		L / 90
BC : 0.36 (1 - 5)	LL(V): 0.14 in.	L / 999	(12-14)	L / 90
Web : 0.10 (3 - 5)	DL(V): 0.07 in.	L / 999	(12-14)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		0	
	Web :			
	Snow/Wind 0 in.	L / 999		L / 0
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		540 lbs	1120 lbs	0 lbs	0 lbs	540 lbs
3	Pin		-540 lbs	1190 lbs	0 lbs	0 lbs	-540 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
1-5-4	19-10-0

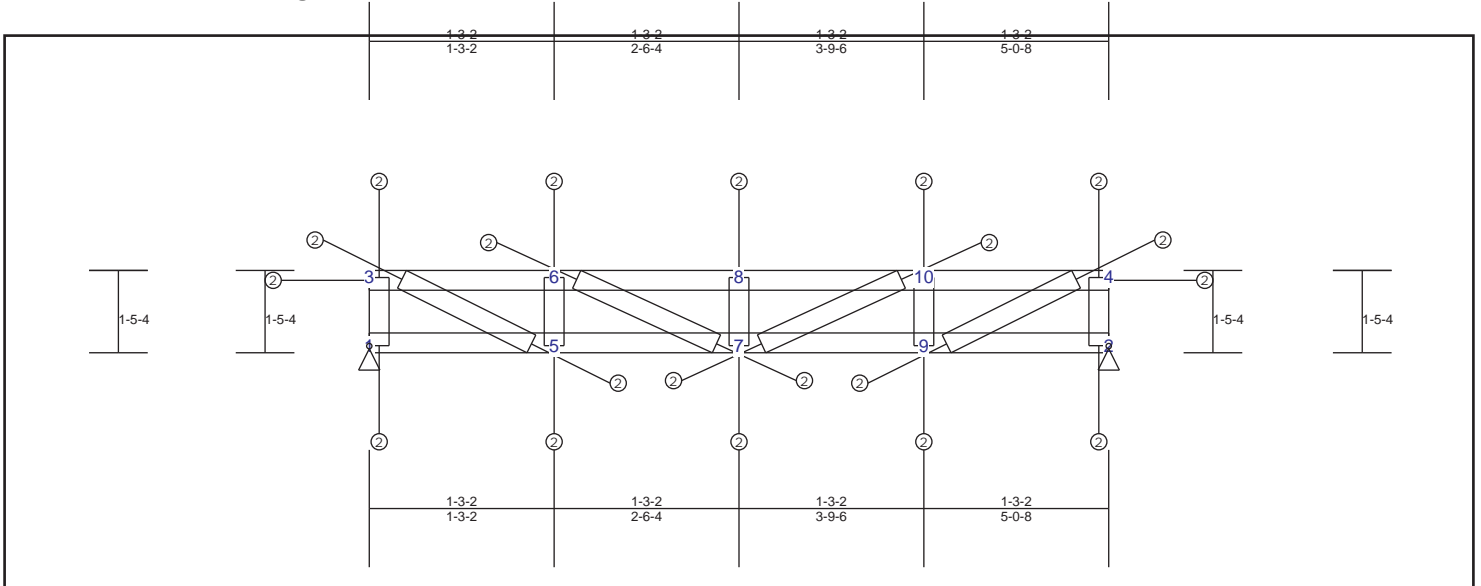
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.44	-1057 lbs	-1057 lbs	1-5	0.36	1594 lbs	0 lbs	1-3	0.00	-24 lbs	-24 lbs
6-8	0.33	-2348 lbs	-2348 lbs	5-7	0.36	2885 lbs	0 lbs	5-6	0.10	-1308 lbs	-1308 lbs
8-10	0.32	-3277 lbs	-3277 lbs	7-9	0.26	3814 lbs	0 lbs	7-8	0.07	-916 lbs	-916 lbs
10-12	0.35	-3859 lbs	-3859 lbs	9-11	0.25	4396 lbs	0 lbs	9-10	0.05	-672 lbs	-672 lbs
12-14	0.36	-4090 lbs	-4090 lbs	11-13	0.08	4627 lbs	0 lbs	11-12	0.03	-394 lbs	-394 lbs
14-16	0.36	-4090 lbs	-4090 lbs	13-15	0.00	4627 lbs	0 lbs	13-14	0.02	-211 lbs	-211 lbs
16-18	0.36	-3966 lbs	-3966 lbs	15-17	0.25	4503 lbs	0 lbs	15-16	0.02	-307 lbs	-307 lbs
18-20	0.33	-3492 lbs	-3492 lbs	17-19	0.25	4029 lbs	0 lbs	17-18	0.04	-590 lbs	-590 lbs
20-22	0.31	-2670 lbs	-2670 lbs	19-21	0.34	3207 lbs	0 lbs	19-20	0.06	-835 lbs	-835 lbs
4-22	0.41	-1485 lbs	-1485 lbs	2-21	0.34	2022 lbs	0 lbs	21-22	0.09	-1220 lbs	-1220 lbs
								2-4	0.08	-1139 lbs	-1139 lbs
								3-5	0.10	2045 lbs	0 lbs
								6-7	0.08	1628 lbs	0 lbs
								8-9	0.06	1172 lbs	0 lbs
								10-11	0.04	734 lbs	0 lbs
								12-13	0.01	292 lbs	0 lbs
								13-16	0.01	157 lbs	0 lbs
								15-18	0.03	598 lbs	0 lbs
								17-20	0.05	1037 lbs	0 lbs
								19-22	0.08	1496 lbs	0 lbs
								4-21	0.10	1904 lbs	0 lbs

TRUSS TF07 (spacing 16 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.21 (3 - 6)	TL(V): 0 in.	L / 999	L / 90
BC : 0.15 (1 - 5)	LL(V): 0 in.	L / 999	L / 90
Web : 0.04 (9 - 10)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		120 lbs	290 lbs	0 lbs	0 lbs	120 lbs
2	Pin		-120 lbs	290 lbs	0 lbs	0 lbs	-120 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-5-4	5-0-8

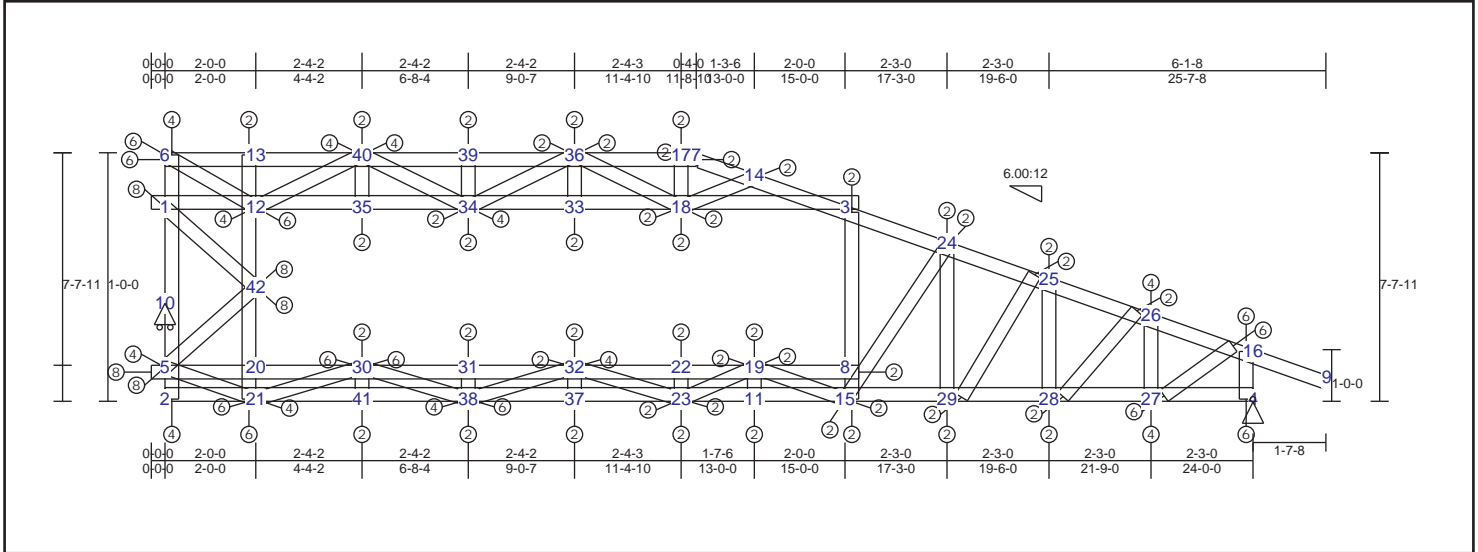
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.21	-200 lbs	-200 lbs	1-5	0.15	-122 lbs	-122 lbs	1-3	0.04	-298 lbs	-298 lbs
6-8	0.12	-278 lbs	-278 lbs	5-7	0.15	156 lbs	0 lbs	5-6	0.04	-301 lbs	-301 lbs
8-10	0.12	-278 lbs	-278 lbs	7-9	0.15	156 lbs	0 lbs	7-8	0.02	-130 lbs	-130 lbs
4-10	0.21	-200 lbs	-200 lbs	2-9	0.15	-122 lbs	-122 lbs	9-10	0.04	-301 lbs	-301 lbs
								2-4	0.04	-298 lbs	-298 lbs
								3-5	0.03	364 lbs	0 lbs
								6-7	0.01	136 lbs	0 lbs
								7-10	0.01	136 lbs	0 lbs
								4-9	0.03	364 lbs	0 lbs

TRUSS TG01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.41 (3 - 24)	TL(V): 0.15 in.	L / 999	(22-19)	L / 90
BC : 0.85 (1 - 12)	LL(V): 0.1 in.	L / 999	(22-19)	L / 90
Web : 0.71 (5 - 42)	DL(V): 0.05 in.	L / 999	(22-19)	L / 0
	Cant / OH TL: 0.1 in.	2L / 23	(19-8)	2L / 90
	Cant / OH LL: 0.1 in.	2L / 23	(19-8)	2L / 90
	Horiz TL: -0.05 in.		3	
	Web :			
	Snow/Wind -0.12 in.	L / 999	(11-15)	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 69	(11-15)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFSD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	Pin		0 lbs	450 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-10-11	25-11-2

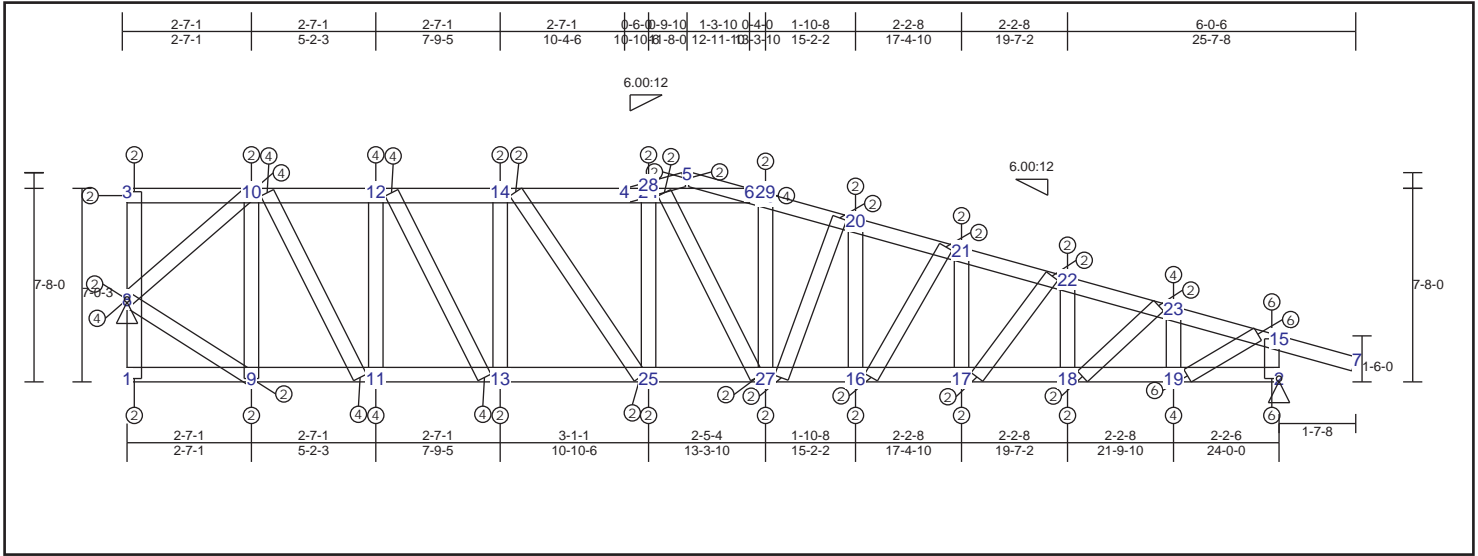
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web							
6-13	0.16	2151 lbs	1-12	0.85	-3871 lbs	4-16	0.27	-1813 lbs	-1813 lbs	21-30	0.28	-1837 lbs	-1837 lbs
13-40	0.17	2147 lbs	12-35	0.85	-3871 lbs	2-5	0.46	-3005 lbs	-3005 lbs	30-38	0.17	2084 lbs	-1105 lbs
39-40	0.13	1003 lbs	34-35	0.85	-2727 lbs	5-10	0.34	-3005 lbs	-3005 lbs	34-36	0.14	-725 lbs	-725 lbs
36-39	0.09	-430 lbs	33-34	0.61	-1889 lbs	1-10	0.35	1483 lbs	-1006 lbs	12-40	0.27	-1394 lbs	-1394 lbs
17-36	0.07	-455 lbs	18-33	0.41	-1294 lbs	1-6	0.46	1493 lbs	-1006 lbs	34-40	0.12	1021 lbs	-646 lbs
7-17	0.06	-455 lbs	3-18	0.39	-1268 lbs	17-18	0.01	126 lbs	-40 lbs	34-39	0.03	-193 lbs	-193 lbs
7-14	0.07	-730 lbs	2-21	0.44	-2210 lbs	22-23	0.06	-394 lbs	-394 lbs	35-40	0.00	45 lbs	-8 lbs
3-14	0.31	-1692 lbs	21-41	0.74	-2210 lbs	5-21	0.21	-1379 lbs	-1379 lbs	30-41	0.02	-142 lbs	-142 lbs
3-24	0.41	-2082 lbs	38-41	0.27	1402 lbs	19-23	0.04	354 lbs	-247 lbs	31-38	0.05	-364 lbs	-364 lbs
24-25	0.24	-2089 lbs	37-38	0.43	2300 lbs	6-12	0.40	-2368 lbs	-2368 lbs	32-37	0.00	78 lbs	-25 lbs
25-26	0.23	-2089 lbs	23-37	0.48	2836 lbs	14-18	0.04	-265 lbs	-265 lbs	33-36	0.01	115 lbs	-38 lbs
16-26	0.37	-1864 lbs	11-23	0.48	2836 lbs	20-21	0.14	1961 lbs	-1091 lbs	15-24	0.26	390 lbs	-372 lbs
9-16	0.13	54 lbs	11-15	0.44	2534 lbs	20-42	0.38	1961 lbs	-1091 lbs	1-42	0.39	2903 lbs	-1582 lbs
5-20	0.24	3934 lbs	15-29	0.39	2202 lbs	12-42	0.50	-2529 lbs	-2529 lbs	16-27	0.10	1822 lbs	-671 lbs
20-30	0.24	3934 lbs	28-29	0.35	1912 lbs	12-13	0.29	-2529 lbs	-2529 lbs	26-28	0.07	778 lbs	-267 lbs
30-31	0.24	2242 lbs	27-28	0.35	1797 lbs	15-19	0.08	-547 lbs	-547 lbs	25-29	0.05	292 lbs	-114 lbs
31-32	0.11	-576 lbs	4-27	0.34	1393 lbs	11-19	0.01	101 lbs	-91 lbs				
22-32	0.19	-1112 lbs				8-15	0.10	673 lbs	-388 lbs				
19-22	0.18	-1112 lbs				3-8	0.12	673 lbs	-388 lbs				
8-19	0.14	-810 lbs				24-29	0.10	-169 lbs	-169 lbs				
						26-27	0.26	-1373 lbs	-1373 lbs				
						25-28	0.18	-514 lbs	-514 lbs				
						5-42	0.71	-2848 lbs	-2848 lbs				
						18-36	0.01	-70 lbs	-70 lbs				
						23-32	0.07	582 lbs	-441 lbs				
						32-38	0.15	-974 lbs	-974 lbs				

TRUSS TG02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.58 (23 - 15)	TL(V): 0.05 in.	L / 999 (20-21)	L / 90
BC : 0.43 (18 - 19)	LL(V): 0.03 in.	L / 999 (20-21)	L / 90
Web : 0.73 (11 - 12)	DL(V): 0.02 in.	L / 999 (4-5)	L / 0
	Cant / OH TL: -0.02 in.	2L / 999	2L / 90
	Cant / OH LL: -0.02 in.	2L / 999	2L / 90
	Horiz TL: -0.01 in.	21	
	Web :		
	Snow/Wind -0.04 in.	L / 999	16 L / 90
	Cant (Snow/Wind) -0.01 in.L / 999	7	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-610 lbs	1490 lbs	0 lbs	-780 lbs	-610 lbs
8	Pin		600 lbs	1130 lbs	0 lbs	0 lbs	600 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-8-5	25-9-0

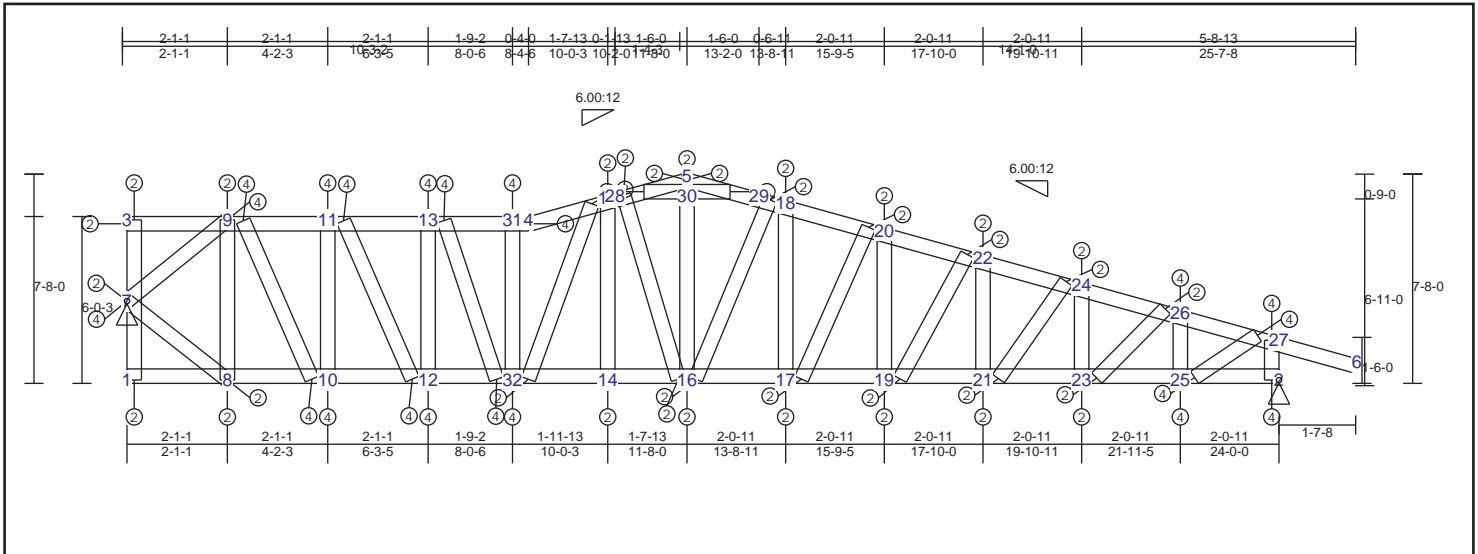
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
5-6	0.05	-128 lbs	-128 lbs	1-9	0.05	120 lbs	-20 lbs	1-8	0.07	13 lbs	-2 lbs
6-26	0.32	-1358 lbs	-1358 lbs	9-11	0.39	296 lbs	-125 lbs	3-8	0.05	19 lbs	-12 lbs
20-26	0.25	-1564 lbs	-1564 lbs	11-13	0.39	521 lbs	-238 lbs	9-10	0.16	-97 lbs	-97 lbs
20-21	0.29	-1640 lbs	-1640 lbs	13-25	0.26	643 lbs	-288 lbs	11-12	0.73	-1056 lbs	-1056 lbs
21-22	0.28	-1683 lbs	-1683 lbs	25-27	0.16	655 lbs	-288 lbs	13-14	0.73	-670 lbs	-670 lbs
22-23	0.33	-1683 lbs	-1683 lbs	16-27	0.15	729 lbs	-355 lbs	2-15	0.42	-1554 lbs	-1554 lbs
15-23	0.58	-1526 lbs	-1526 lbs	16-17	0.19	791 lbs	-438 lbs	8-10	0.99	-1363 lbs	-1363 lbs
7-15	0.24	54 lbs	0 lbs	17-18	0.19	791 lbs	-465 lbs	8-9	0.02	176 lbs	-21 lbs
4-5	0.04	-104 lbs	-104 lbs	18-19	0.43	746 lbs	-465 lbs	16-20	0.29	-267 lbs	-267 lbs
3-10	0.44	-734 lbs	-734 lbs	2-19	0.43	-613 lbs	-613 lbs	17-21	0.07	-99 lbs	-99 lbs
10-12	0.42	-1018 lbs	-1018 lbs					18-22	0.18	-395 lbs	-395 lbs
12-14	0.35	-1242 lbs	-1242 lbs					19-23	0.32	-1153 lbs	-1153 lbs
4-14	0.29	-1364 lbs	-1364 lbs					24-25	0.51	-298 lbs	-298 lbs
4-24	0.23	-1364 lbs	-1364 lbs					26-27	0.28	357 lbs	-179 lbs
6-24	0.26	-1301 lbs	-1301 lbs					10-11	0.73	1052 lbs	-550 lbs
								12-13	0.73	834 lbs	-435 lbs
								16-21	0.17	275 lbs	-205 lbs
								17-22	0.03	145 lbs	-62 lbs
								18-23	0.08	633 lbs	-246 lbs
								15-19	0.15	1511 lbs	-549 lbs
								20-27	0.47	381 lbs	-371 lbs
								14-25	0.52	348 lbs	-264 lbs
								24-27	0.34	-187 lbs	-187 lbs

TRUSS TG03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.52 (26 - 27)	TL(V): 0.07 in.	L / 598 (4-15)	L / 90
BC : 0.41 (8 - 10)	LL(V): 0.05 in.	L / 899 (4-15)	L / 90
Web : 0.73 (10 - 11)	DL(V): 0.02 in.	L / 999 (4-15)	L / 0
	Cant / OH TL: -0.01 in.	2L / 999 6	2L / 90
	Cant / OH LL: -0.01 in.	2L / 999 6	2L / 90
	Horiz TL: -0.01 in.	20	
	Web :		
	Snow/Wind -0.06 in.	L / 793 (4-15)	L / 90
	Cant (Snow/Wind) -0.02 in.L / 999	6	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-330 lbs	1340 lbs	0 lbs	-760 lbs	-330 lbs
7	Pin		240 lbs	800 lbs	0 lbs	-90 lbs	240 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	Section
Bot Chd	362S162-43(33)	Purlin (96 in.)	Material
Web	362S162-43(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
7-8-3	25-9-0

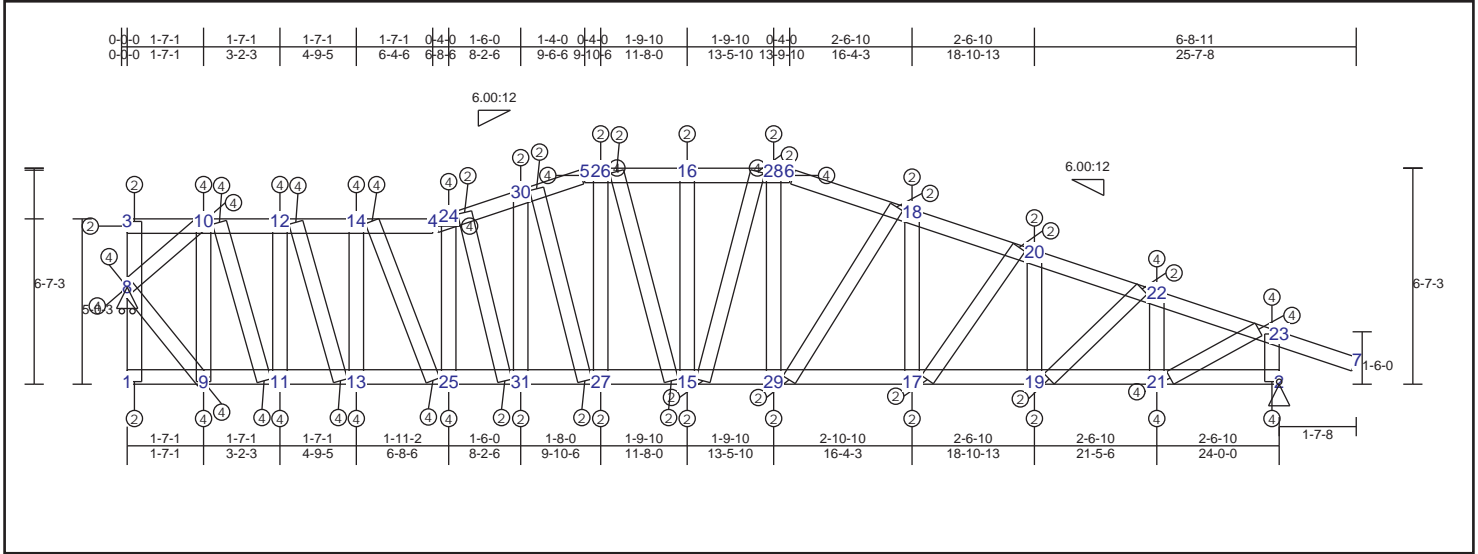
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web		
3-9	0.42 -574 lbs	-574 lbs	1-8 0.12 195 lbs	-57 lbs	1-7 0.15 19 lbs	-17 lbs
9-11	0.42 -831 lbs	-831 lbs	8-10 0.41 452 lbs	-201 lbs	3-7 0.14 67 lbs	-27 lbs
11-13	0.38 -1056 lbs	-1056 lbs	10-12 0.41 678 lbs	-325 lbs	8-9 0.41 -346 lbs	-346 lbs
13-31	0.43 -1195 lbs	-1195 lbs	12-32 0.37 817 lbs	-400 lbs	10-11 0.73 -1151 lbs	-1151 lbs
4-31	0.43 -1195 lbs	-1195 lbs	14-32 0.37 817 lbs	-400 lbs	12-13 0.73 -777 lbs	-777 lbs
4-15	0.30 -1406 lbs	-1406 lbs	14-16 0.18 741 lbs	-352 lbs	14-15 0.01 52 lbs	-13 lbs
15-28	0.21 -1097 lbs	-1097 lbs	16-17 0.18 747 lbs	-391 lbs	17-18 0.50 401 lbs	-333 lbs
5-28	0.36 -1145 lbs	-1145 lbs	17-19 0.22 863 lbs	-493 lbs	19-20 0.23 259 lbs	-245 lbs
5-29	0.33 -1141 lbs	-1141 lbs	19-21 0.24 913 lbs	-560 lbs	21-22 0.05 -80 lbs	-80 lbs
18-29	0.25 -1141 lbs	-1141 lbs	21-23 0.24 913 lbs	-577 lbs	23-24 0.16 -382 lbs	-382 lbs
18-20	0.31 -1343 lbs	-1343 lbs	23-25 0.41 873 lbs	-577 lbs	25-26 0.31 -1097 lbs	-1097 lbs
20-22	0.25 -1414 lbs	-1414 lbs	2-25 0.41 580 lbs	-469 lbs	2-27 0.38 -1418 lbs	-1418 lbs
22-24	0.24 -1452 lbs	-1452 lbs			7-9 0.45 -1057 lbs	-1057 lbs
24-26	0.28 -1452 lbs	-1452 lbs			7-8 0.05 391 lbs	-129 lbs
26-27	0.52 -1320 lbs	-1320 lbs			31-32 0.73 -1119 lbs	-1119 lbs
6-27	0.24 54 lbs	0 lbs			28-30 0.38 -1512 lbs	-1512 lbs
					29-30 0.38 -1512 lbs	-1512 lbs
					16-30 0.53 447 lbs	-290 lbs
					9-10 0.73 1095 lbs	-613 lbs
					11-12 0.68 959 lbs	-527 lbs
					15-16 0.34 -200 lbs	-200 lbs
					16-18 0.28 218 lbs	-170 lbs
					17-20 0.56 -486 lbs	-486 lbs
					19-22 0.13 233 lbs	-178 lbs
					21-24 0.01 128 lbs	-26 lbs

TRUSS TG04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.49 (3 - 10)	TL(V): 0.07 in.	L / 605 (4-24)	L / 90
BC : 0.48 (9 - 11)	LL(V): 0.05 in.	L / 913 (4-24)	L / 90
Web : 0.73 (11 - 12)	DL(V): 0.02 in.	L / 999 (4-24)	L / 0
	Cant / OH TL: -0.01 in.	2L / 999	2L / 90
	Cant / OH LL: -0.01 in.	2L / 999	2L / 90
	Horiz TL: -0.01 in.	18	
	Web :		
	Snow/Wind -0.05 in.	L / 999 (14-4)	L / 90
	Cant (Snow/Wind) -0.02 in. / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-380 lbs	1300 lbs	0 lbs	-740 lbs	-380 lbs
8	HRoll		0 lbs	700 lbs	0 lbs	-260 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-8-0	25-9-2

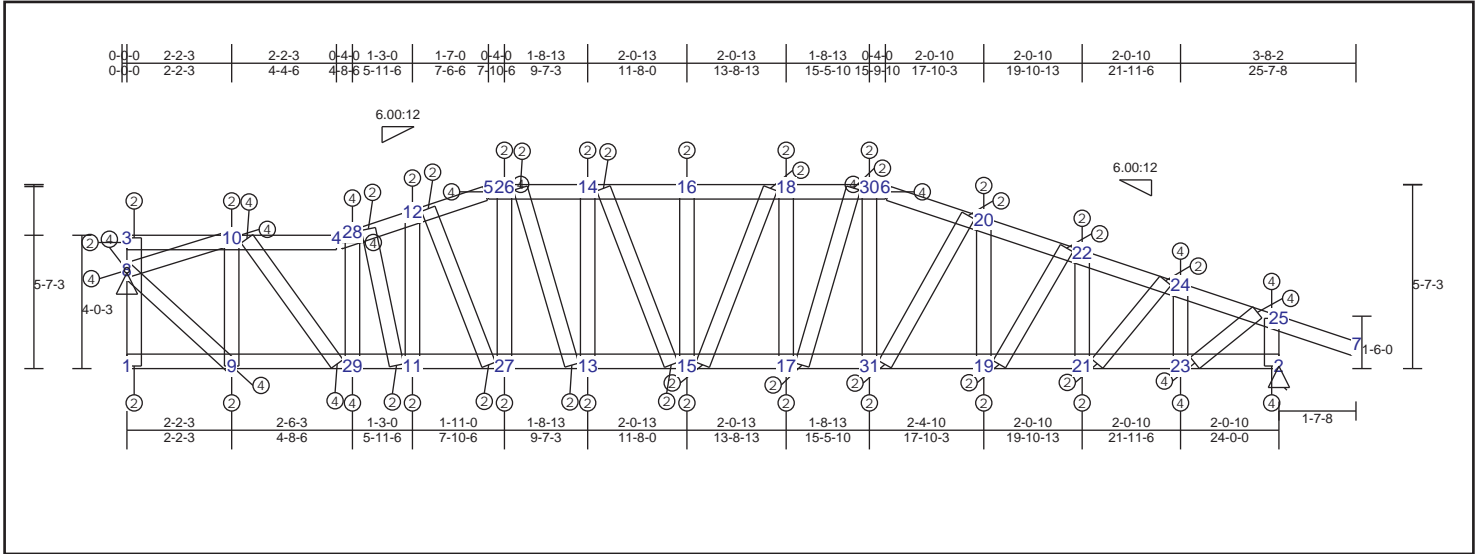
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-10	0.49	-407 lbs	-407 lbs	1-9	0.30	407 lbs	-227 lbs	1-8	0.17	-100 lbs	-100 lbs
10-12	0.49	-641 lbs	-641 lbs	9-11	0.48	641 lbs	-355 lbs	3-8	0.20	177 lbs	-88 lbs
12-14	0.47	-897 lbs	-897 lbs	11-13	0.48	897 lbs	-496 lbs	9-10	0.62	-765 lbs	-765 lbs
4-14	0.36	-1117 lbs	-1117 lbs	13-25	0.45	1117 lbs	-615 lbs	11-12	0.73	-1426 lbs	-1426 lbs
4-24	0.38	-1287 lbs	-1287 lbs	25-31	0.35	1117 lbs	-615 lbs	13-14	0.73	-1197 lbs	-1197 lbs
24-30	0.37	-1353 lbs	-1353 lbs	27-31	0.25	1078 lbs	-595 lbs	15-16	0.55	-369 lbs	-369 lbs
5-30	0.23	-1189 lbs	-1189 lbs	15-27	0.27	1067 lbs	-616 lbs	17-18	0.11	143 lbs	-134 lbs
5-26	0.26	-1066 lbs	-1066 lbs	15-29	0.27	1067 lbs	-629 lbs	19-20	0.09	-177 lbs	-177 lbs
16-26	0.30	-1094 lbs	-1094 lbs	17-29	0.30	1178 lbs	-745 lbs	21-22	0.22	-794 lbs	-794 lbs
16-28	0.28	-1094 lbs	-1094 lbs	17-19	0.33	1220 lbs	-814 lbs	2-23	0.36	-1326 lbs	-1326 lbs
6-28	0.27	-1084 lbs	-1084 lbs	19-21	0.33	1220 lbs	-814 lbs	8-10	0.22	-788 lbs	-788 lbs
6-18	0.23	-1244 lbs	-1244 lbs	2-21	0.33	1014 lbs	-752 lbs	8-9	0.17	911 lbs	-508 lbs
18-20	0.26	-1367 lbs	-1367 lbs					24-25	0.71	-827 lbs	-827 lbs
20-22	0.29	-1367 lbs	-1367 lbs					30-31	0.20	419 lbs	-185 lbs
22-23	0.46	-1315 lbs	-1315 lbs					26-27	0.26	310 lbs	-181 lbs
7-23	0.24	54 lbs	0 lbs					28-29	0.47	402 lbs	-319 lbs
								10-11	0.58	1264 lbs	-695 lbs
								12-13	0.63	1385 lbs	-759 lbs
								17-20	0.08	164 lbs	-114 lbs
								19-22	0.04	364 lbs	-110 lbs
								21-23	0.14	1218 lbs	-487 lbs
								24-31	0.23	-253 lbs	-253 lbs
								14-25	0.40	894 lbs	-484 lbs
								27-30	0.29	-235 lbs	-235 lbs
								15-26	0.30	-202 lbs	-202 lbs

TRUSS TG05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.43 (24 - 25)	TL(V): 0.05 in.	L / 999	(14-16)	L / 90
BC : 0.42 (21 - 23)	LL(V): 0.04 in.	L / 999	(14-16)	L / 90
Web : 0.61 (29 - 28)	DL(V): 0.02 in.	L / 999	(14-16)	L / 0
	Cant / OH TL: -0.01 in.	2L / 999	7	2L / 90
	Cant / OH LL: -0.01 in.	2L / 999	7	2L / 90
	Horiz TL: -0.01 in.		20	
	Web :			
	Snow/Wind -0.04 in.	L / 999	(14-16)	L / 90
	Cant (Snow/Wind) -0.02 in.	L / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Fixed		-220 lbs	1330 lbs	0 lbs	-780 lbs	-220 lbs
8	Pin		670 lbs	740 lbs	0 lbs	-200 lbs	670 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-43(33)	Sheathing	Section
Bot Chd	362S162-43(33)	Purlin (96 in.)	Material
Web	362S162-43(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
5-8-3	25-8-15

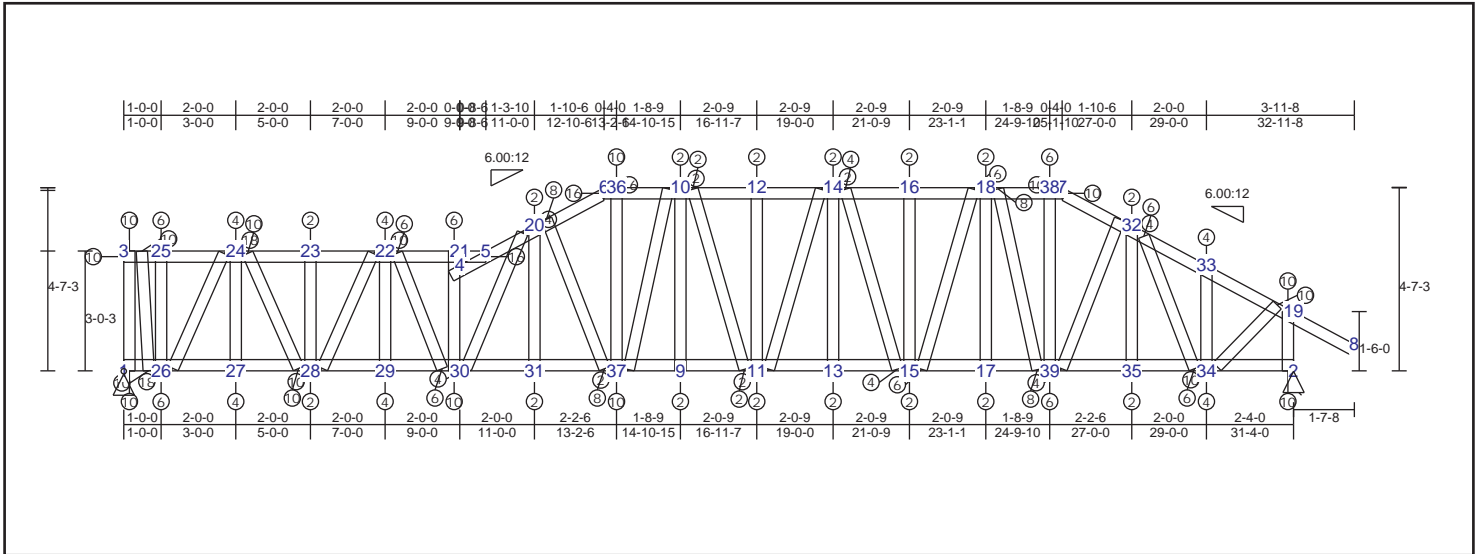
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
3-10	0.40 -704 lbs	1-9	0.28 514 lbs	1-8	0.46 22 lbs
4-10	0.40 -1148 lbs	9-29	0.41 959 lbs	3-8	0.50 75 lbs
4-28	0.40 -1421 lbs	11-29	0.41 961 lbs	9-10	0.39 -740 lbs
12-28	0.37 -1421 lbs	11-27	0.18 961 lbs	11-12	0.09 172 lbs
5-12	0.23 -1300 lbs	13-27	0.23 1044 lbs	13-14	0.54 -546 lbs
6-20	0.23 -1331 lbs	13-15	0.28 1093 lbs	15-16	0.19 -196 lbs
20-22	0.23 -1364 lbs	15-17	0.23 1093 lbs	17-18	0.51 -524 lbs
22-24	0.28 -1364 lbs	17-31	0.22 1050 lbs	19-20	0.06 -95 lbs
24-25	0.43 -1208 lbs	19-31	0.21 985 lbs	21-22	0.18 -430 lbs
7-25	0.24 54 lbs	19-21	0.23 985 lbs	23-24	0.32 -1130 lbs
5-26	0.28 -1167 lbs	21-23	0.42 938 lbs	2-25	0.34 -1242 lbs
14-26	0.41 -1261 lbs	2-23	0.42 607 lbs	8-10	0.30 -1078 lbs
14-16	0.23 -1309 lbs			8-9	0.19 944 lbs
16-18	0.22 -1309 lbs			26-27	0.10 -110 lbs
18-30	0.41 -1267 lbs			28-29	0.61 -1066 lbs
6-30	0.29 -1176 lbs			30-31	0.13 143 lbs
				14-15	0.18 196 lbs
				15-18	0.09 173 lbs
				19-22	0.01 130 lbs
				21-24	0.09 689 lbs
				23-25	0.13 1162 lbs
				17-30	0.21 476 lbs
				13-26	0.36 494 lbs
				12-27	0.04 119 lbs
				11-28	0.01 53 lbs
					-21 lbs
					-43 lbs
					-740 lbs
					-121 lbs
					-546 lbs
					-196 lbs
					-524 lbs
					-95 lbs
					-430 lbs
					-1130 lbs
					-1242 lbs
					-1078 lbs
					-443 lbs
					-110 lbs
					-1066 lbs
					-142 lbs
					-178 lbs
					-91 lbs
					-23 lbs
					-293 lbs
					-487 lbs
					-211 lbs
					-358 lbs
					-47 lbs
					-5 lbs

TRUSS TG06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.73 (4 - 5)	TL(V): 0.39 in.	L / 141 (4-5)	L / 90
BC : 0.73 (26 - 27)	LL(V): 0.26 in.	L / 210 (4-5)	L / 90
Web : 0.73 (26 - 24)	DL(V): 0.13 in.	L / 426 (4-5)	L / 0
	Cant / OH TL: -0.04 in.	2L / 999 8	2L / 90
	Cant / OH LL: -0.04 in.	2L / 999 8	2L / 90
	Horiz TL: 0.04 in.	3	
	Web :		
	Snow/Wind -0.26 in.	L / 205 (4-5)	L / 90
	Cant (Snow/Wind) 0.03 in. / 999	8	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin			3090 lbs	0 lbs	-1510 lbs	4360 lbs
2	Fixed		-4300 lbs	3360 lbs	0 lbs	-1900 lbs	-4300 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-7-3	32-11-8

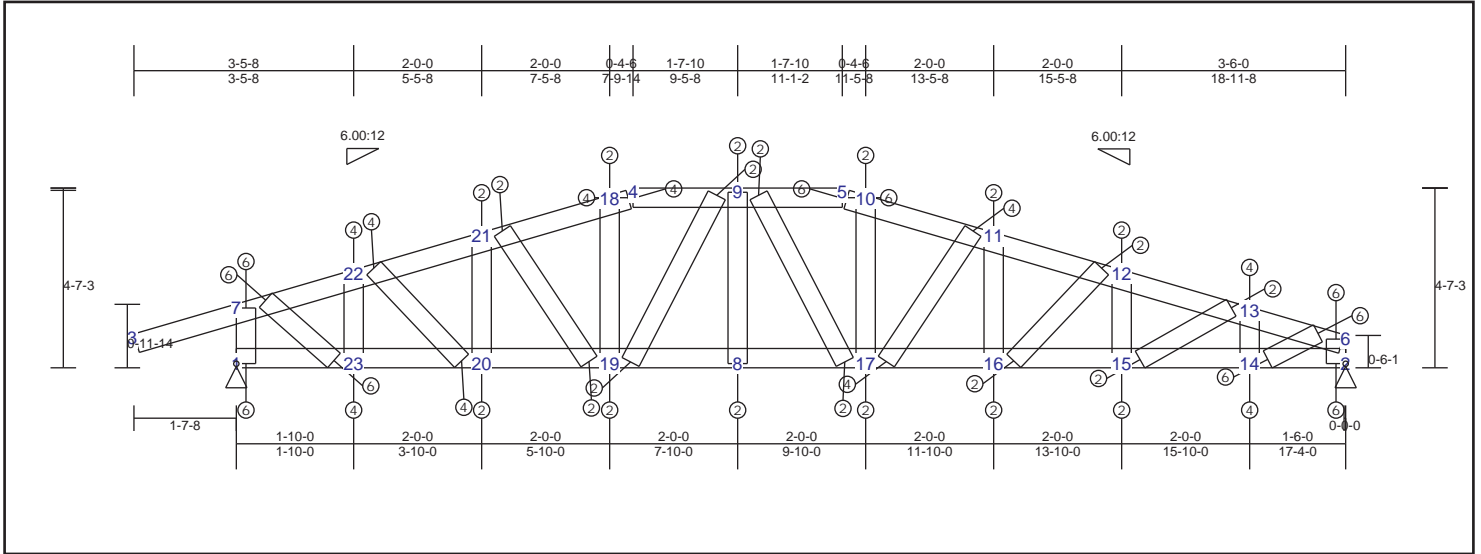
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force
6-36	0.73	-5430 lbs	-5430 lbs	1-26	0.73	-4363 lbs	-4363 lbs	1-3	1.01	-3953 lbs	-3953 lbs
10-36	0.73	-5592 lbs	-5592 lbs	26-27	0.73	-4145 lbs	-4145 lbs	9-10	0.08	-162 lbs	-162 lbs
10-12	0.47	-5592 lbs	-5592 lbs	27-28	0.75	-1352 lbs	-1352 lbs	11-12	0.25	-469 lbs	-469 lbs
12-14	0.59	-5520 lbs	-5520 lbs	28-29	0.74	1746 lbs	-1339 lbs	13-14	0.12	355 lbs	-236 lbs
14-16	0.57	-5302 lbs	-5302 lbs	29-30	0.72	2829 lbs	-1943 lbs	15-16	0.27	-521 lbs	-521 lbs
16-18	0.68	-4863 lbs	-4863 lbs	30-31	0.55	2829 lbs	-1943 lbs	17-18	0.00	66 lbs	-8 lbs
18-38	0.64	-4252 lbs	-4252 lbs	31-37	0.65	2198 lbs	-1443 lbs	2-19	0.54	-3616 lbs	-3616 lbs
7-38	0.47	-3608 lbs	-3608 lbs	9-37	0.65	1160 lbs	-745 lbs	32-35	0.01	117 lbs	-35 lbs
3-25	0.73	-217 lbs	-217 lbs	9-11	0.25	1160 lbs	-772 lbs	33-34	0.18	-927 lbs	-927 lbs
24-25	0.73	-3010 lbs	-3010 lbs	11-13	0.23	1088 lbs	-772 lbs	4-30	0.54	-3949 lbs	-3949 lbs
23-24	0.73	-4635 lbs	-4635 lbs	13-15	0.36	870 lbs	-690 lbs	4-21	0.22	-1342 lbs	-1342 lbs
22-23	0.73	-6109 lbs	-6109 lbs	15-17	0.40	-439 lbs	-439 lbs	20-31	0.10	458 lbs	-285 lbs
21-22	0.73	-6976 lbs	-6976 lbs	17-39	0.56	-824 lbs	-824 lbs	25-26	0.28	1883 lbs	-1163 lbs
5-21	0.53	-5870 lbs	-5870 lbs	35-39	0.52	-1147 lbs	-1147 lbs	24-27	0.16	1034 lbs	-670 lbs
4-5	0.73	-7676 lbs	-7676 lbs	34-35	0.73	-1767 lbs	-1767 lbs	23-28	0.15	-640 lbs	-640 lbs
5-20	0.73	-7676 lbs	-7676 lbs	2-34	0.73	-4298 lbs	-4298 lbs	22-29	0.17	1077 lbs	-702 lbs
6-20	0.73	-6391 lbs	-6391 lbs					36-37	0.73	3751 lbs	-2436 lbs
7-32	0.50	-4027 lbs	-4027 lbs					38-39	0.80	2016 lbs	-1444 lbs
32-33	0.45	-4099 lbs	-4099 lbs					32-34	0.60	-1635 lbs	-1635 lbs
19-33	0.73	-2969 lbs	-2969 lbs					19-34	0.34	3505 lbs	-2140 lbs
8-19	0.27	109 lbs	0 lbs					15-18	0.75	2067 lbs	-1266 lbs
								10-11	0.14	404 lbs	-247 lbs
								14-15	0.89	-1485 lbs	-1485 lbs
								11-14	0.34	735 lbs	-604 lbs
								22-28	1.05	-3441 lbs	-3441 lbs

TRUSS TG07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.45 (13 - 6)	TL(V): 0.04 in.	L / 999	(10-11)	L / 90
BC : 0.45 (14 - 2)	LL(V): 0.02 in.	L / 999	(10-11)	L / 90
Web : 0.32 (17 - 11)	DL(V): 0.01 in.	L / 999	(17-16)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		3	
	Web :			
	Snow/Wind -0.03 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	3	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1360 lbs	1970 lbs	0 lbs	-1150 lbs	1360 lbs
2	Pin		-1360 lbs	1670 lbs	0 lbs	-860 lbs	-1360 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-54(50)	Sheathing
Bot Chd	362S162-54(50)	Purlin (96 in.)
Web	362S162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
4-7-3	18-11-8

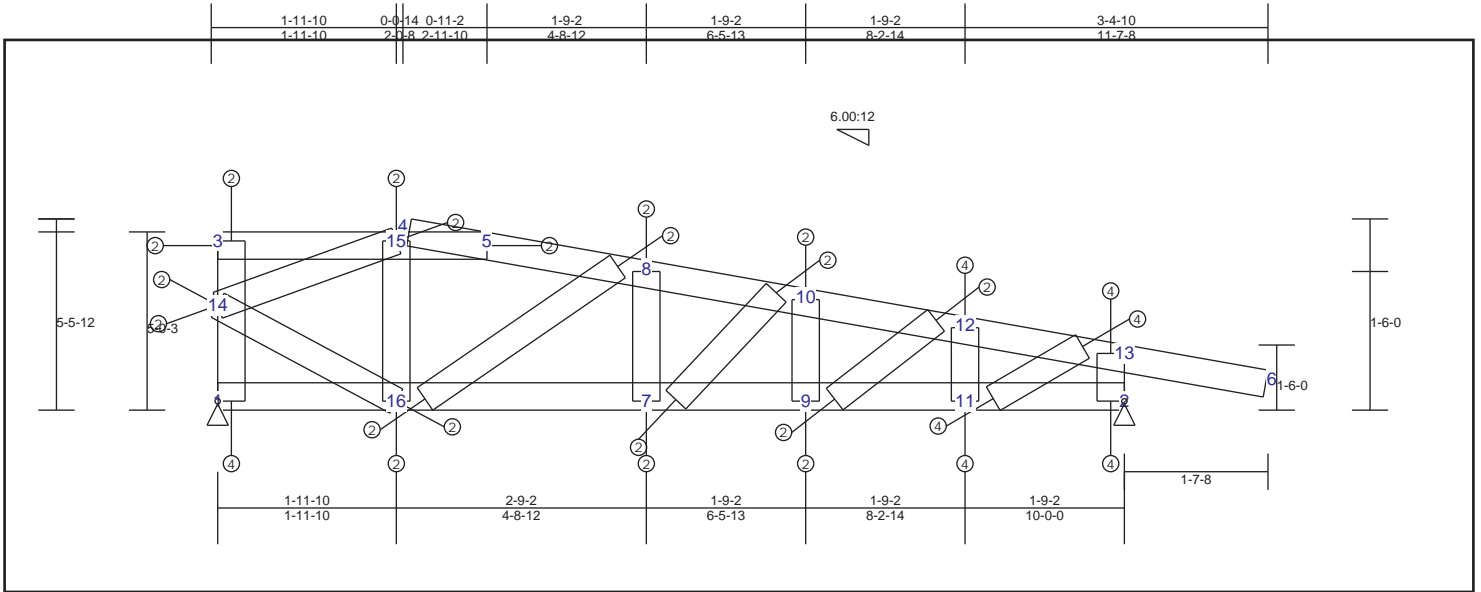
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web				
3-7	0.26	109 lbs	0 lbs	1-23	0.45	-1364 lbs	1-7	0.32	-2123 lbs	-2123 lbs
7-22	0.37	-1673 lbs	-1673 lbs	20-23	0.31	-323 lbs	8-9	0.02	95 lbs	-37 lbs
21-22	0.20	-1813 lbs	-1813 lbs	19-20	0.10	159 lbs	2-6	0.26	-1800 lbs	-1800 lbs
18-21	0.25	-1813 lbs	-1813 lbs	8-19	0.09	154 lbs	10-17	0.15	594 lbs	-318 lbs
4-18	0.20	-1444 lbs	-1444 lbs	8-17	0.14	199 lbs	18-19	0.17	582 lbs	-362 lbs
5-10	0.21	-1655 lbs	-1655 lbs	16-17	0.17	511 lbs	13-14	0.23	-1535 lbs	-1535 lbs
10-11	0.26	-2020 lbs	-2020 lbs	15-16	0.16	694 lbs	11-16	0.11	468 lbs	-362 lbs
11-12	0.23	-2309 lbs	-2309 lbs	14-15	0.31	694 lbs	12-15	0.01	-51 lbs	-51 lbs
12-13	0.24	-2389 lbs	-2389 lbs	2-14	0.45	-1363 lbs	20-21	0.15	-509 lbs	-509 lbs
6-13	0.45	-2262 lbs	-2262 lbs				22-23	0.26	-1586 lbs	-1586 lbs
4-9	0.17	-1629 lbs	-1629 lbs				9-19	0.21	-366 lbs	-366 lbs
5-9	0.22	-1697 lbs	-1697 lbs				9-17	0.16	-282 lbs	-282 lbs
							6-14	0.16	2317 lbs	-1120 lbs
							7-23	0.09	1889 lbs	-497 lbs
							19-21	0.06	319 lbs	-171 lbs
							20-22	0.08	823 lbs	-350 lbs
							11-17	0.32	-863 lbs	-863 lbs
							12-16	0.09	-379 lbs	-379 lbs
							13-15	0.02	453 lbs	-124 lbs

TRUSS TG08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.40 (12 - 13)	TL(V): 0 in.	L / 999	(3-15)	L / 90
BC : 0.25 (9 - 11)	LL(V): 0 in.	L / 999	(3-15)	L / 90
Web : 0.30 (16 - 8)	DL(V): 0 in.	L / 999	(3-15)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		4	
	Web :			
	Snow/Wind -0.04 in.	L / 999	6	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	6	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-250 lbs	530 lbs	0 lbs	-330 lbs	-250 lbs
2	Pin		-220 lbs	630 lbs	0 lbs	-340 lbs	-220 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	Section
Bot Chd	362S162-33(33)	Purlin (96 in.)	Material
Web	362S162-33(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
5-5-14	11-9-0

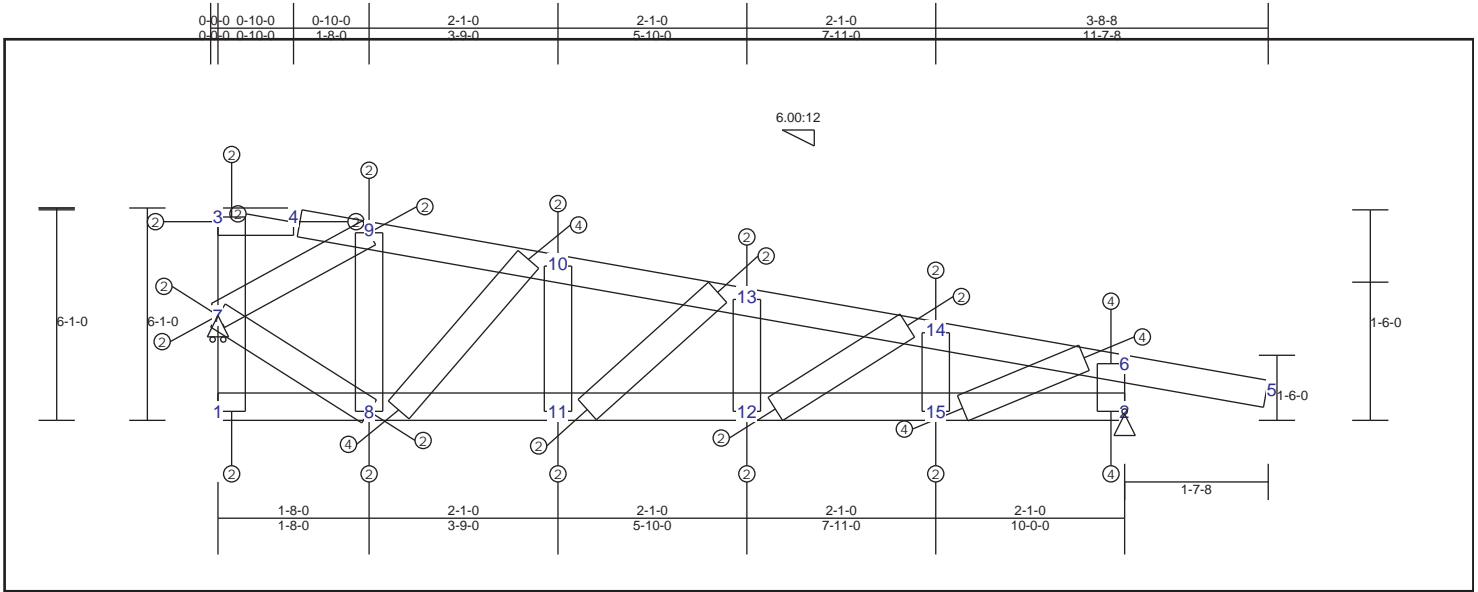
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-15	0.09	-184 lbs	-184 lbs	1-16	0.18	290 lbs	-245 lbs	1-14	0.15	-556 lbs	-556 lbs
5-15	0.08	-184 lbs	-184 lbs	7-16	0.19	127 lbs	-69 lbs	3-14	0.13	-261 lbs	-261 lbs
4-5	0.05	0 lbs	0 lbs	7-9	0.13	137 lbs	-97 lbs	7-8	0.16	-227 lbs	-227 lbs
5-8	0.18	-242 lbs	-242 lbs	9-11	0.25	137 lbs	-116 lbs	9-10	0.04	-89 lbs	-89 lbs
8-10	0.15	-371 lbs	-371 lbs	2-11	0.25	-215 lbs	-215 lbs	11-12	0.15	-406 lbs	-406 lbs
10-12	0.13	-395 lbs	-395 lbs					2-13	0.24	-670 lbs	-670 lbs
12-13	0.40	-395 lbs	-395 lbs					15-16	0.05	-48 lbs	-48 lbs
6-13	0.35	54 lbs	0 lbs					14-15	0.11	-299 lbs	-299 lbs
								14-16	0.15	353 lbs	-297 lbs
								7-10	0.09	217 lbs	-154 lbs
								9-12	0.02	172 lbs	-16 lbs
								11-13	0.06	457 lbs	-64 lbs
								8-16	0.30	340 lbs	-315 lbs

TRUSS TG09 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.37 (14 - 6)	TL(V): 0 in.	L / 999 (3-4)	L / 90
BC : 0.23 (1 - 8)	LL(V): 0 in.	L / 999 (3-4)	L / 90
Web : 0.40 (8 - 10)	DL(V): 0 in.	L / 999 (3-4)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: 0 in.	5	
	Web :		
	Snow/Wind -0.04 in.	L / 999 5	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 964 5	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-410 lbs	610 lbs	0 lbs	-310 lbs	-410 lbs
7	HRoll		0 lbs	260 lbs	0 lbs	-170 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-1-13	11-9-1

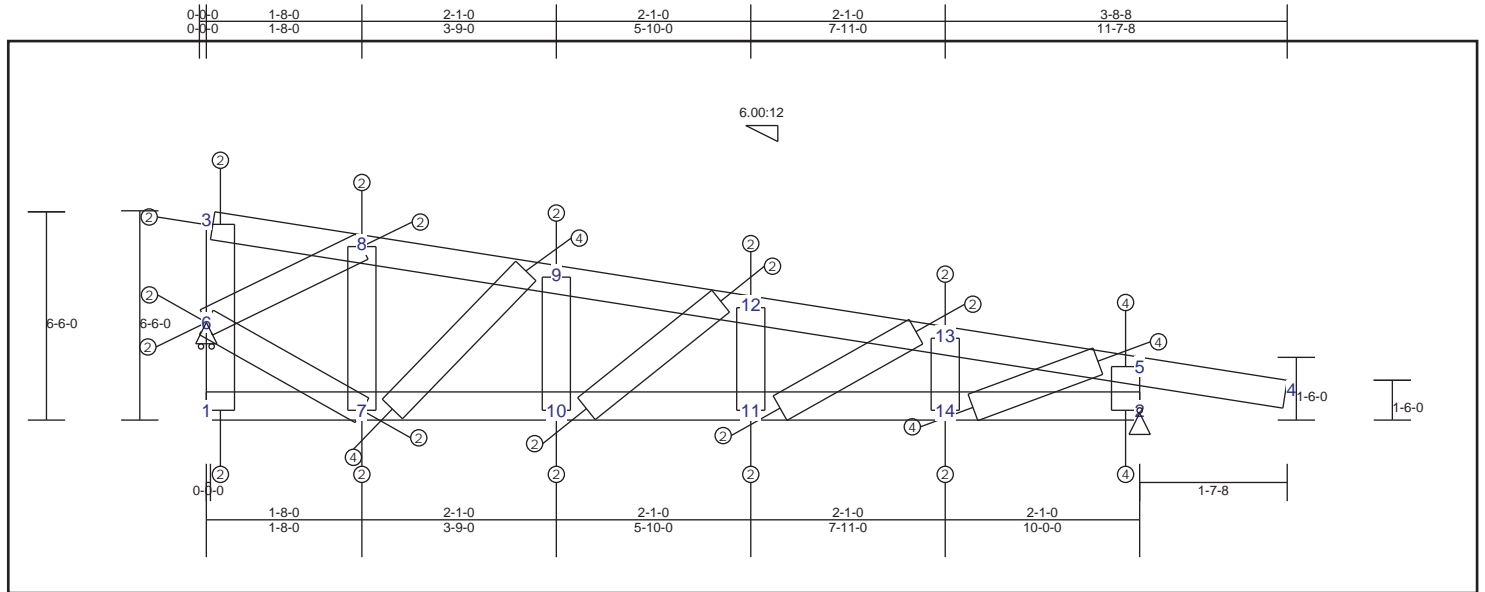
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-4	0.02	12 lbs	-10 lbs	1-8	0.23	138 lbs	-109 lbs	1-7	0.10	50 lbs	-47 lbs
4-9	0.08	-29 lbs	-29 lbs	8-11	0.23	250 lbs	-209 lbs	3-7	0.10	-27 lbs	-27 lbs
9-10	0.21	-166 lbs	-166 lbs	11-12	0.18	348 lbs	-310 lbs	2-6	0.22	-624 lbs	-624 lbs
10-13	0.20	-297 lbs	-297 lbs	12-15	0.21	-369 lbs	-369 lbs	8-9	0.12	123 lbs	-93 lbs
13-14	0.12	-369 lbs	-369 lbs	2-15	0.21	-411 lbs	-411 lbs	7-8	0.12	313 lbs	-247 lbs
6-14	0.37	-369 lbs	-369 lbs					7-9	0.12	-277 lbs	-277 lbs
5-6	0.33	54 lbs	0 lbs					12-13	0.05	-91 lbs	-91 lbs
								10-11	0.22	295 lbs	-256 lbs
								14-15	0.12	-314 lbs	-314 lbs
								6-15	0.05	412 lbs	-10 lbs
								12-14	0.02	139 lbs	-45 lbs
								11-13	0.18	278 lbs	-269 lbs
								8-10	0.40	-385 lbs	-385 lbs

TRUSS TG10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.37 (13 - 5)	TL(V): 0 in.	L / 999	(3-8)	L / 90
BC : 0.24 (1 - 7)	LL(V): 0 in.	L / 999	(3-8)	L / 90
Web : 0.41 (7 - 9)	DL(V): 0 in.	L / 999	(3-8)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		4	
	Web :			
	Snow/Wind -0.04 in.	L / 999	4	L / 90
	Cant (Snow/Wind) -0.04 in.L / 960		4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC Live/Roof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-430 lbs	610 lbs	0 lbs	-300 lbs	-430 lbs
6	HRoll		0 lbs	-340 lbs	-110 lbs	-340 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-33(33)	Sheathing
Bot Chd	362S162-33(33)	Purlin (96 in.)
Web	362S162-33(33)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6'-6-0	11'-9-1

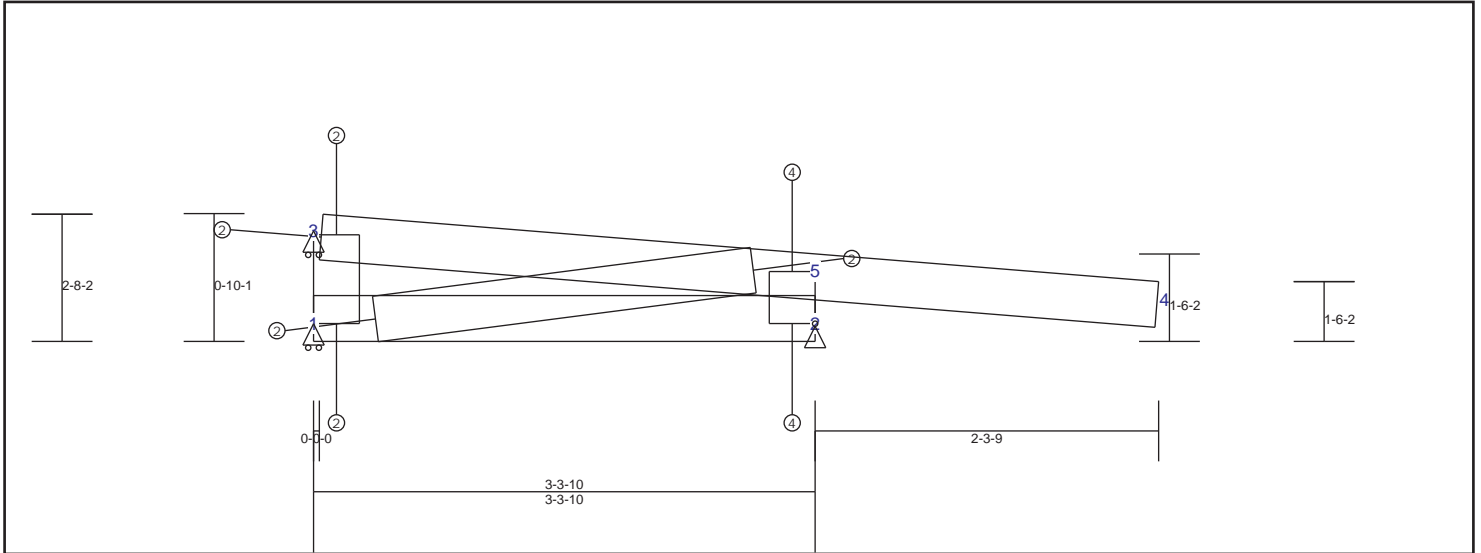
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-8	0.05	-37 lbs	-37 lbs	1-7	0.24	138 lbs	-118 lbs	2-5	0.22	-623 lbs	-623 lbs
8-9	0.21	-167 lbs	-167 lbs	7-10	0.24	255 lbs	-221 lbs	7-8	0.13	146 lbs	-105 lbs
9-12	0.20	-295 lbs	-295 lbs	10-11	0.19	352 lbs	-323 lbs	6-7	0.07	303 lbs	-246 lbs
12-13	0.12	-368 lbs	-368 lbs	11-14	0.22	-385 lbs	-385 lbs	6-8	0.07	-268 lbs	-268 lbs
5-13	0.37	-368 lbs	-368 lbs	2-14	0.22	-435 lbs	-435 lbs	11-12	0.05	-96 lbs	-96 lbs
4-5	0.33	54 lbs	0 lbs					9-10	0.23	295 lbs	-258 lbs
								13-14	0.12	-318 lbs	-318 lbs
								1-6	0.05	52 lbs	-49 lbs
								3-6	0.05	-43 lbs	-43 lbs
								5-14	0.05	416 lbs	-3 lbs
								11-13	0.02	145 lbs	-48 lbs
								10-12	0.18	280 lbs	-267 lbs
								7-9	0.41	-400 lbs	-400 lbs

TRUSS TK01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.66 (3 - 5)	TL(V): 0.05 in.	L / 999	4	L / 90
BC : 0.10 (1 - 2)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.14 (2 - 5)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -0.02 in.		4	
	Web :			
	Snow/Wind -0.13 in.	L / 531	4	L / 90
	Cant (Snow/Wind) -0.13 in.	L / 450	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-70 lbs	-20 lbs	-70 lbs	0 lbs
2	Pin		-160 lbs	420 lbs	0 lbs	-410 lbs	-160 lbs
3	HRoll		0 lbs	100 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	Section
Bot Chd	362S162-33(33)	Purlin (96 in.)	Material
Web	362S162-33(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
2-7-11	5-7-3

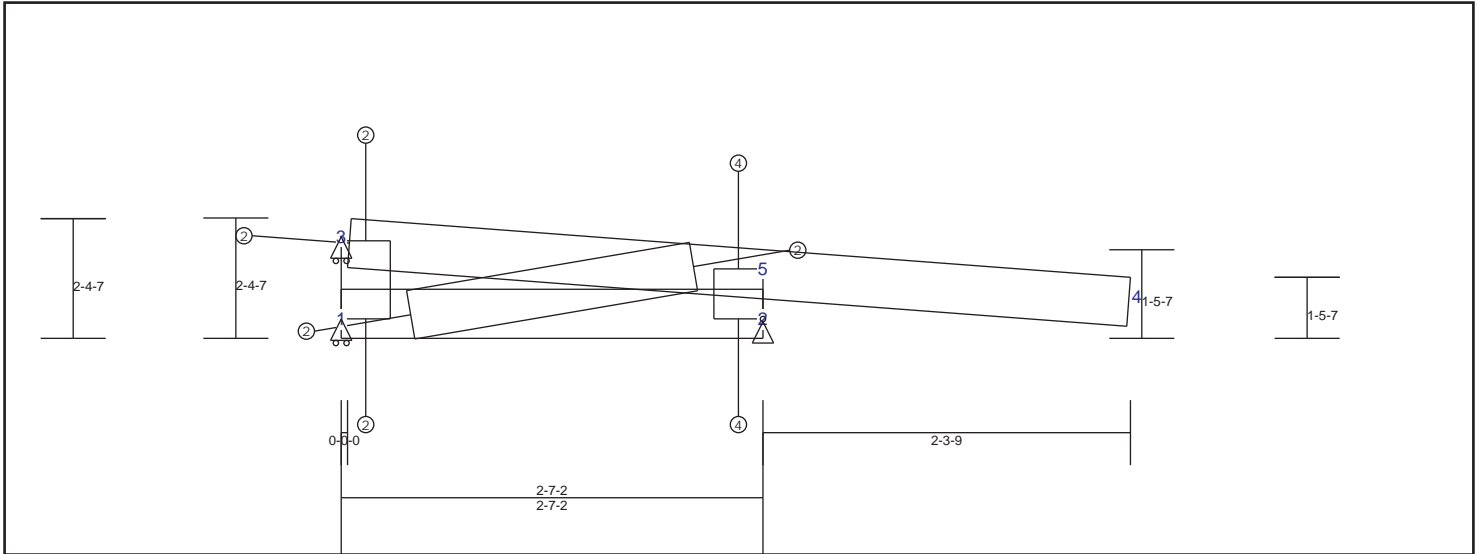
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord			Web							
3-5	0.66	152 lbs	-79 lbs	1-2	0.10	-161 lbs	-161 lbs	2-5	0.14	455 lbs	-403 lbs
4-5	0.59	55 lbs	0 lbs					1-3	0.00	0 lbs	0 lbs
								1-5	0.03	185 lbs	-76 lbs

TRUSS TK02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.66 (3 - 5)	TL(V): 0.05 in.	L / 999	4	L / 90
BC : 0.09 (1 - 2)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.14 (2 - 5)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -0.02 in.		4	
	Web :			
	Snow/Wind -0.12 in.	L / 518	4	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 505	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-90 lbs	-40 lbs	-90 lbs	0 lbs
2	Pin		-150 lbs	-440 lbs	0 lbs	-440 lbs	-150 lbs
3	HRoll		0 lbs	160 lbs	-10 lbs	-20 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-4-0	4-10-11

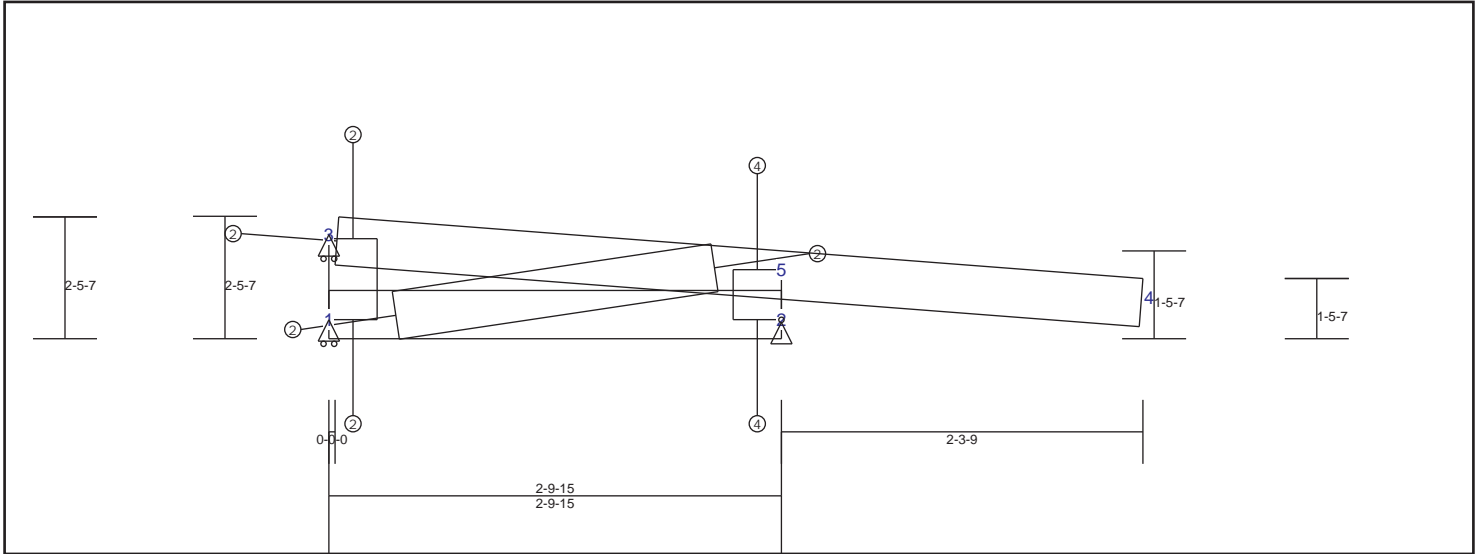
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.66	157 lbs	-77 lbs	1-2	0.09	-150 lbs	-150 lbs	2-5	0.14	470 lbs	-398 lbs
4-5	0.59	55 lbs	0 lbs					1-3	0.00	0 lbs	0 lbs
								1-5	0.03	192 lbs	-73 lbs

TRUSS TK03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.66 (3 - 5)	TL(V): 0.05 in.	L / 999	4	L / 90
BC : 0.09 (1 - 2)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.14 (2 - 5)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -0.02 in.		4	
	Web :			
	Snow/Wind -0.12 in.	L / 522	4	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 484	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-80 lbs	-30 lbs	-80 lbs	0 lbs
2	Pin		-150 lbs	-430 lbs	0 lbs	-430 lbs	-150 lbs
3	HRoll		0 lbs	140 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-5-0	5-1-8

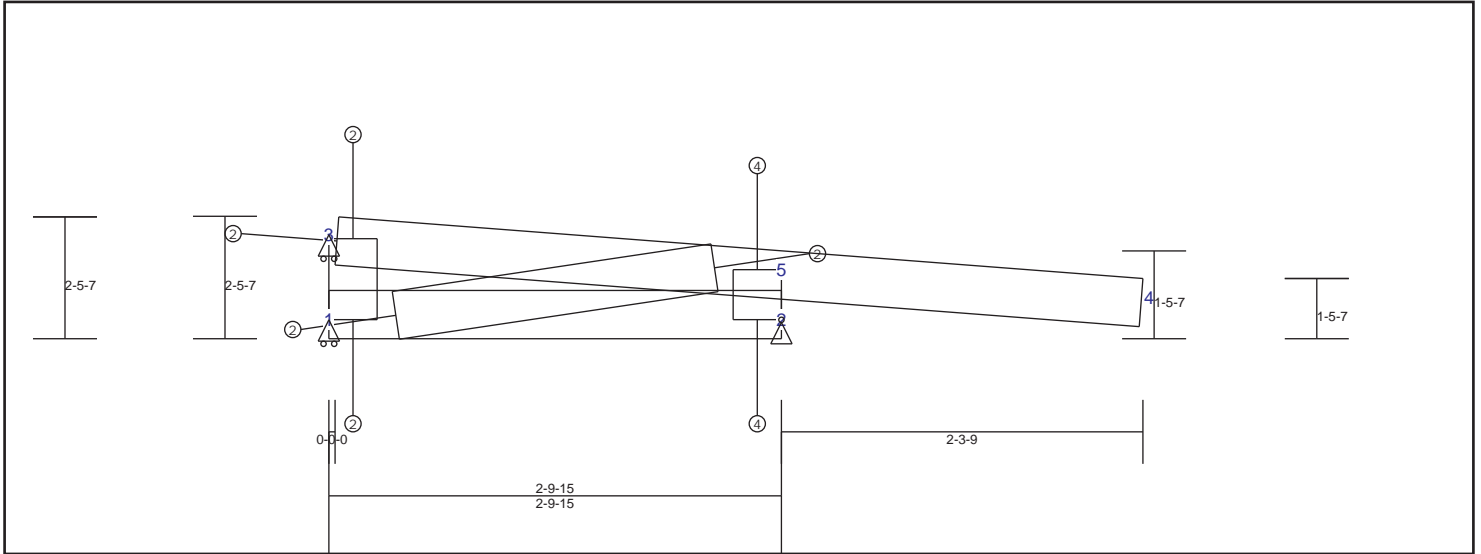
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord				Web						
3-5	0.66	155 lbs	-78 lbs	1-2	0.09	-154 lbs	-154 lbs	1-3	0.00	0 lbs	0 lbs
4-5	0.59	55 lbs	0 lbs					2-5	0.14	465 lbs	-399 lbs
								1-5	0.03	187 lbs	-73 lbs

TRUSS TK04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.66 (3 - 5)	TL(V): 0.05 in.	L / 999	4	L / 90
BC : 0.09 (1 - 2)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.14 (2 - 5)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -0.02 in.		4	
	Web :			
	Snow/Wind -0.12 in.	L / 522	4	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 484	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-80 lbs	-30 lbs	-80 lbs	0 lbs
2	Pin		-150 lbs	-430 lbs	0 lbs	-430 lbs	-150 lbs
3	HRoll		0 lbs	140 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-5-0	5-1-8

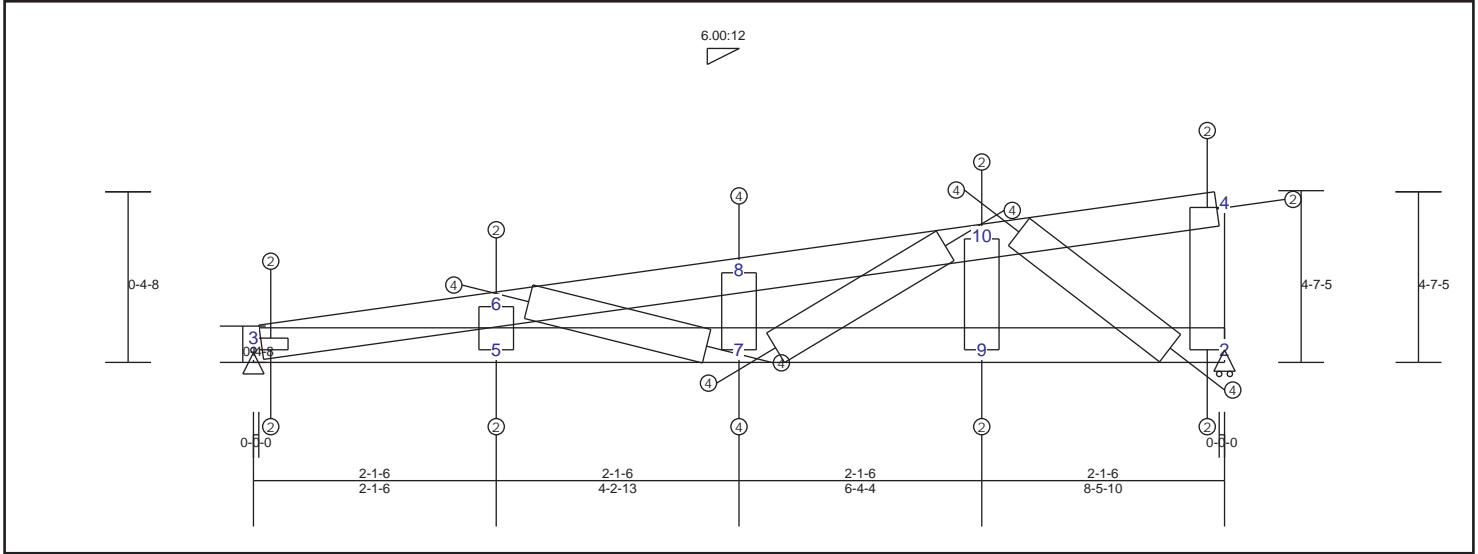
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-5 0.66 155 lbs -78 lbs	1-2 0.09 -154 lbs	2-5 0.14 465 lbs -399 lbs
4-5 0.59 55 lbs 0 lbs		1-3 0.00 0 lbs 0 lbs
		1-5 0.03 187 lbs -73 lbs

TRUSS TL01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.49 (6 - 8)	TL(V): 0.06 in.	L / 999	(6-8)	L / 90
BC : 0.46 (1 - 5)	LL(V): 0.04 in.	L / 999	(6-8)	L / 90
Web : 0.36 (10 - 2)	DL(V): 0.02 in.	L / 999	(6-8)	L / 0
	Cant / OH TL: 0 in.	2L / 999	3	2L / 90
	Cant / OH LL: 0 in.	2L / 999	3	2L / 90
	Horiz TL: -0.03 in.		3	
	Web :			
	Snow/Wind -0.03 in.	L / 999	(5-7)	L / 90
	Cant (Snow/Wind) 0.01 in.	L / 675	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		300 lbs	390 lbs	0 lbs	-160 lbs	300 lbs
2	HRoll		0 lbs	420 lbs	0 lbs	-300 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
4-6-8	8-5-10

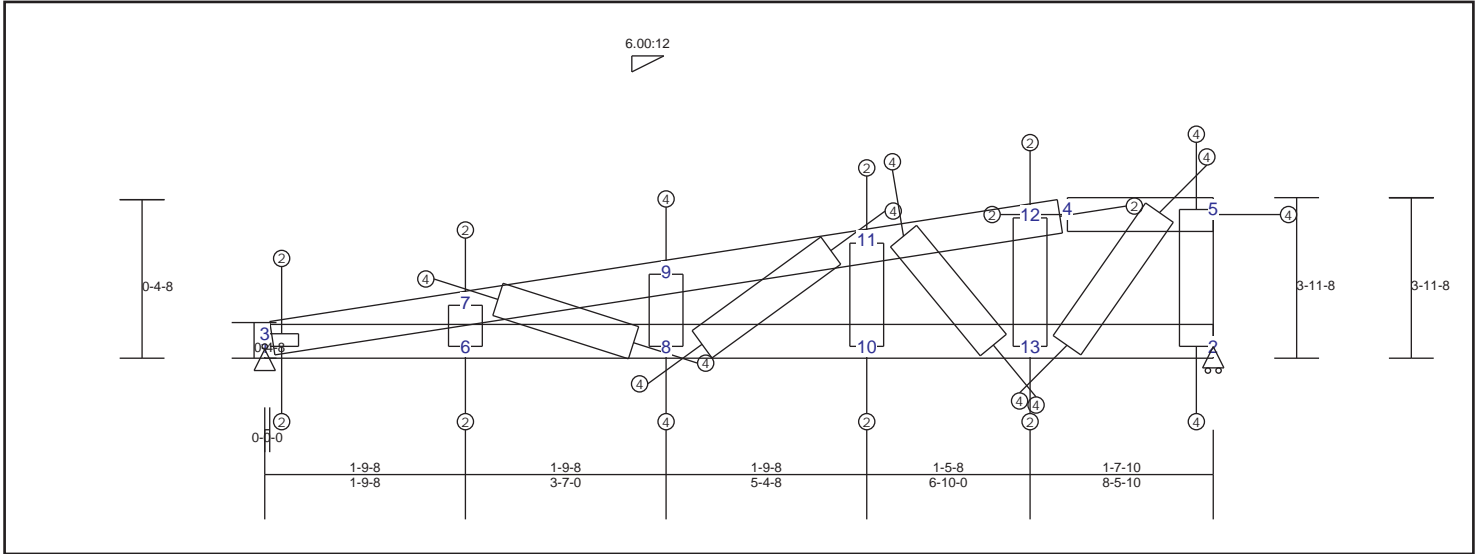
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.36	-165 lbs	-165 lbs	1-5	0.46	-300 lbs	-300 lbs	1-3	0.08	-212 lbs	-212 lbs
6-8	0.49	-498 lbs	-498 lbs	5-7	0.46	396 lbs	-348 lbs	5-6	0.11	-303 lbs	-303 lbs
8-10	0.27	-498 lbs	-498 lbs	7-9	0.29	396 lbs	-348 lbs	7-8	0.20	-529 lbs	-529 lbs
4-10	0.31	-58 lbs	-58 lbs	2-9	0.34	184 lbs	-167 lbs	9-10	0.03	83 lbs	-49 lbs
								2-4	0.00	11 lbs	-5 lbs
								6-7	0.05	437 lbs	-64 lbs
								7-10	0.25	503 lbs	-429 lbs
								2-10	0.36	-540 lbs	-540 lbs

TRUSS TL02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.49 (7 - 9)	TL(V): 0.05 in.	L / 999	(6-8)	L / 90
BC : 0.42 (1 - 6)	LL(V): 0.03 in.	L / 999	(6-8)	L / 90
Web : 0.43 (13 - 5)	DL(V): 0.02 in.	L / 999	(7-9)	L / 0
	Cant / OH TL: 0.01 in.	2L / 423	3	2L / 90
	Cant / OH LL: 0.01 in.	2L / 423	3	2L / 90
	Horiz TL: -0.02 in.			
	Web :			
	Snow/Wind -0.03 in.	L / 999	(7-9)	L / 90
	Cant (Snow/Wind) -0.01 in.	L / 675	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		260 lbs	400 lbs	0 lbs	-180 lbs	260 lbs
2	HRoll		0 lbs	410 lbs	0 lbs	-280 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-11-8	8-5-10

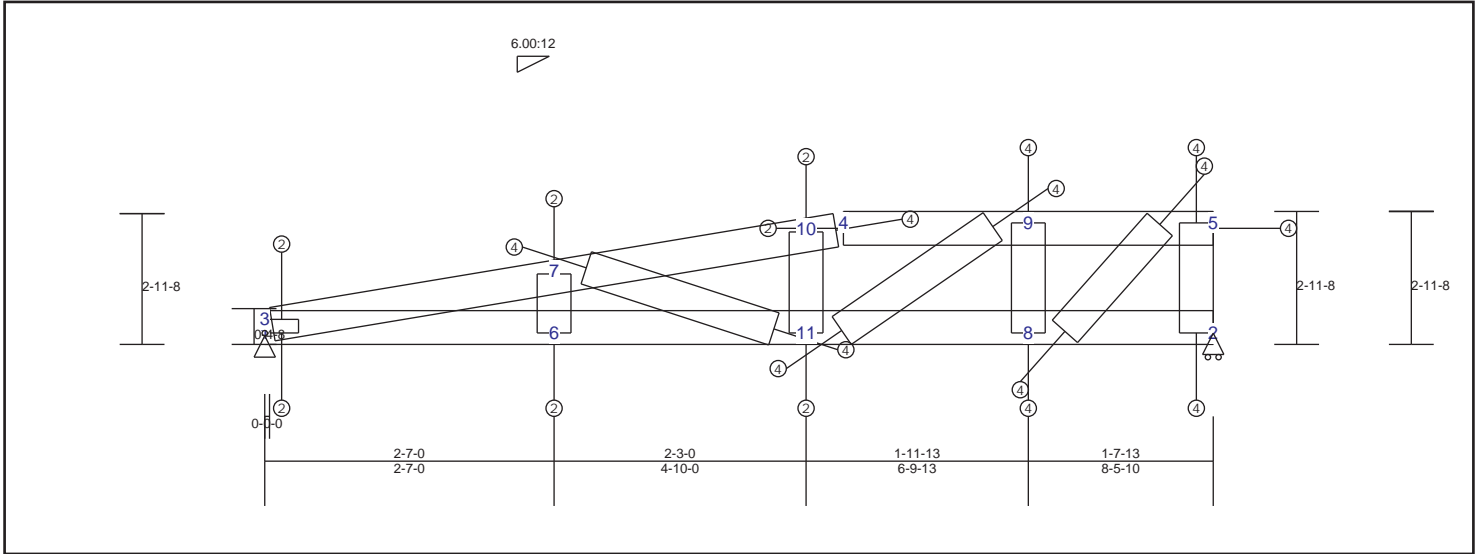
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-5	0.38	-144 lbs	-144 lbs	1-6	0.42	-260 lbs	-260 lbs	1-3	0.07	-200 lbs	-200 lbs
3-7	0.35	-191 lbs	-191 lbs	6-8	0.42	432 lbs	-385 lbs	6-7	0.12	-350 lbs	-350 lbs
7-9	0.49	-544 lbs	-544 lbs	8-10	0.27	432 lbs	-385 lbs	8-9	0.20	-552 lbs	-552 lbs
9-11	0.28	-544 lbs	-544 lbs	10-13	0.37	261 lbs	-234 lbs	10-11	0.04	142 lbs	-100 lbs
11-12	0.29	-253 lbs	-253 lbs	2-13	0.39	144 lbs	-128 lbs	2-5	0.34	-511 lbs	-511 lbs
4-12	0.14	-253 lbs	-253 lbs					12-13	0.14	-237 lbs	-237 lbs
								7-8	0.07	533 lbs	-180 lbs
								8-11	0.17	439 lbs	-386 lbs
								11-13	0.23	-471 lbs	-471 lbs
								5-13	0.43	683 lbs	-604 lbs

TRUSS TL03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.53 (7 - 10)	TL(V): 0.09 in.	L / 794	7	L / 90
BC : 0.58 (1 - 6)	LL(V): 0.06 in.	L / 999	7	L / 90
Web : 0.23 (8 - 9)	DL(V): 0.03 in.	L / 999	7	L / 0
	Cant / OH TL: -0.01 in.	2L / 723	3	2L / 90
	Cant / OH LL: -0.01 in.	2L / 723	3	2L / 90
	Horiz TL: -0.04 in.		3	
	Web :			
	Snow/Wind -0.05 in.	L / 999	7	L / 90
	Cant (Snow/Wind) 0.01 in.	L / 675	3	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		190 lbs	400 lbs	0 lbs	-200 lbs	190 lbs
2	HRoll		0 lbs	400 lbs	0 lbs	-260 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-11-8	8-5-10

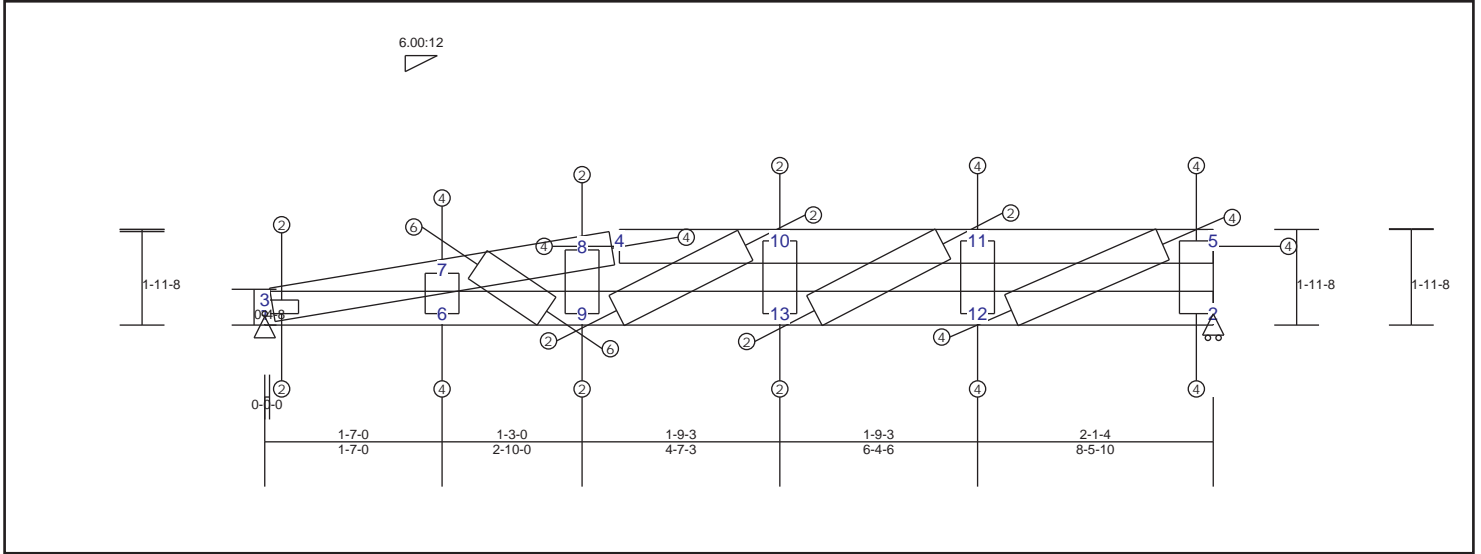
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
3-7	0.39 -178 lbs	1-6	0.58 -188 lbs	1-3	0.08 -221 lbs
7-10	0.53 -353 lbs	6-11	0.58 321 lbs	6-7	0.13 -353 lbs
4-10	0.08 -353 lbs	8-11	0.34 321 lbs	8-9	0.23 -569 lbs
4-9	0.24 -321 lbs	2-8	0.34 153 lbs	2-5	0.18 -436 lbs
5-9	0.33 -153 lbs			10-11	0.10 -263 lbs
				5-8	0.19 539 lbs
				9-11	0.16 387 lbs
				7-11	0.05 387 lbs

TRUSS TL04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.61 (7 - 8)	TL(V): 0.04 in.	L / 999 (7-8)	L / 90
BC : 0.50 (1 - 6)	LL(V): 0.02 in.	L / 999 (7-8)	L / 90
Web : 0.22 (6 - 7)	DL(V): 0.01 in.	L / 999 (7-8)	L / 0
	Cant / OH TL: 0.01 in.	2L / 675 3	2L / 90
	Cant / OH LL: 0.01 in.	2L / 675 3	2L / 90
	Horiz TL: -0.02 in.	3	
	Web :		
	Snow/Wind -0.03 in.	L / 999 (7-8)	L / 90
	Cant (Snow/Wind) 0.01 in.	L / 675 3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		120 lbs	410 lbs	0 lbs	-220 lbs	120 lbs
2	HRoll		0 lbs	400 lbs	0 lbs	-240 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
1-11-8	8-5-10

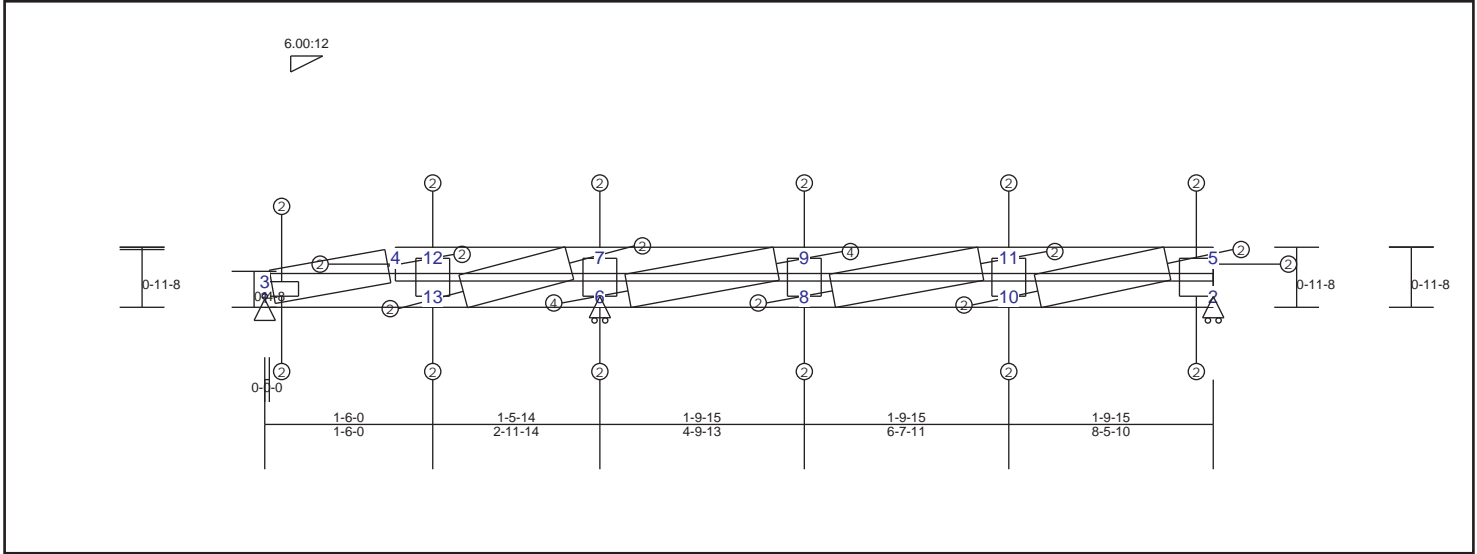
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-10	0.13	-463 lbs	-463 lbs	1-6	0.50	-115 lbs	-115 lbs	1-3	0.06	-171 lbs	-171 lbs
10-11	0.21	-463 lbs	-463 lbs	6-9	0.50	405 lbs	-342 lbs	6-7	0.22	-621 lbs	-621 lbs
5-11	0.31	-340 lbs	-340 lbs	9-13	0.25	463 lbs	-368 lbs	2-5	0.15	-413 lbs	-413 lbs
3-7	0.43	-306 lbs	-306 lbs	12-13	0.29	463 lbs	-368 lbs	8-9	0.11	-309 lbs	-309 lbs
7-8	0.61	-401 lbs	-401 lbs	2-12	0.29	340 lbs	-265 lbs	10-13	0.01	70 lbs	-29 lbs
4-8	0.12	-401 lbs	-401 lbs					11-12	0.17	-483 lbs	-483 lbs
								7-9	0.18	854 lbs	-511 lbs
								5-12	0.16	560 lbs	-436 lbs
								11-13	0.07	227 lbs	-191 lbs
								9-10	0.04	-105 lbs	-105 lbs

TRUSS TL05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.14 (11 - 5)	TL(V): 0 in.	L / 999	(4-12)	L / 90
BC : 0.15 (13 - 6)	LL(V): 0 in.	L / 999	(4-12)	L / 90
Web : 0.14 (6 - 9)	DL(V): 0 in.	L / 999	(4-12)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		2	
	Web :			
	Snow/Wind 0 in.	L / 999	(4-12)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		40 lbs	80 lbs	0 lbs	-50 lbs	40 lbs
2	HRoll		0 lbs	220 lbs	0 lbs	-130 lbs	0 lbs
6	HRoll		0 lbs	490 lbs	0 lbs	-280 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
0-11-8	8-5-10

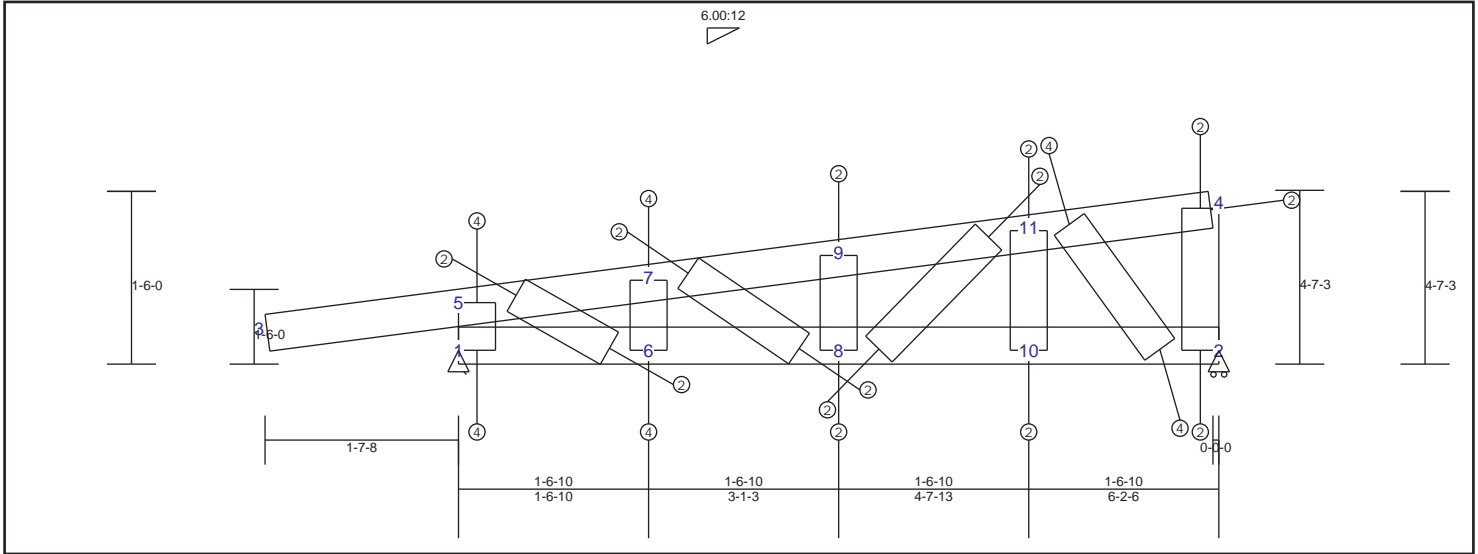
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-12	0.05	43 lbs	-21 lbs	1-13	0.08	-43 lbs	-43 lbs	1-3	0.02	62 lbs	-62 lbs
7-12	0.13	115 lbs	-53 lbs	6-13	0.15	-115 lbs	-115 lbs	6-7	0.09	-258 lbs	-258 lbs
7-9	0.13	-236 lbs	-236 lbs	6-8	0.15	236 lbs	-200 lbs	8-9	0.01	67 lbs	-29 lbs
9-11	0.10	-300 lbs	-300 lbs	8-10	0.14	300 lbs	-236 lbs	10-11	0.06	-174 lbs	-174 lbs
5-11	0.14	-300 lbs	-300 lbs	2-10	0.12	300 lbs	-236 lbs	2-5	0.08	-214 lbs	-214 lbs
3-4	0.03	34 lbs	-23 lbs					12-13	0.04	-121 lbs	-121 lbs
								7-13	0.04	157 lbs	-120 lbs
								6-9	0.14	-395 lbs	-395 lbs
								8-11	0.03	-72 lbs	-72 lbs
								5-10	0.10	349 lbs	-274 lbs

TRUSS TL06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.39 (5 - 7)	TL(V): 0 in.	L / 999	3	L / 90
BC : 0.26 (10 - 2)	LL(V): 0 in.	L / 999	3	L / 90
Web : 0.26 (11 - 2)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		3	
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		300 lbs	450 lbs	0 lbs	-240 lbs	300 lbs
2	HRoll		0 lbs	280 lbs	0 lbs	-240 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-6-6	7-9-14

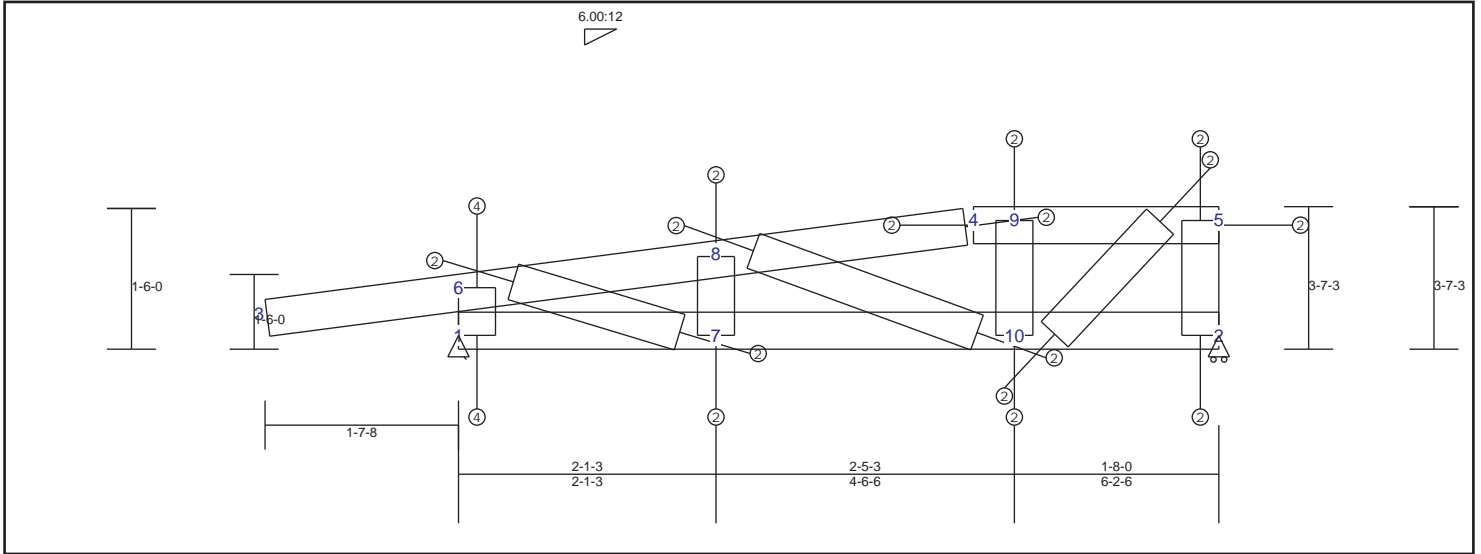
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.35	54 lbs	0 lbs	1-6	0.25	-297 lbs	-297 lbs	1-5	0.15	-413 lbs	-413 lbs
5-7	0.39	164 lbs	-130 lbs	6-8	0.25	-208 lbs	-208 lbs	6-7	0.16	-437 lbs	-437 lbs
7-9	0.11	-170 lbs	-170 lbs	8-10	0.17	-151 lbs	-151 lbs	8-9	0.09	-211 lbs	-211 lbs
9-11	0.18	-170 lbs	-170 lbs	2-10	0.26	-78 lbs	-78 lbs	10-11	0.03	78 lbs	-51 lbs
4-11	0.22	-100 lbs	-100 lbs					2-4	0.03	-33 lbs	-33 lbs
								5-6	0.04	322 lbs	-84 lbs
								7-8	0.02	193 lbs	-67 lbs
								8-11	0.18	-293 lbs	-293 lbs
								2-11	0.26	422 lbs	-379 lbs

TRUSS TL07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.39 (6 - 8)	TL(V): 0 in.	L / 999	3	L / 90
BC : 0.19 (10 - 2)	LL(V): 0 in.	L / 999	3	L / 90
Web : 0.18 (10 - 5)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		3	
	Web :			
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 953	3	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		230 lbs	450 lbs	0 lbs	-280 lbs	230 lbs
2	HRoll		0 lbs	270 lbs	0 lbs	-170 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-7-3	7-9-14

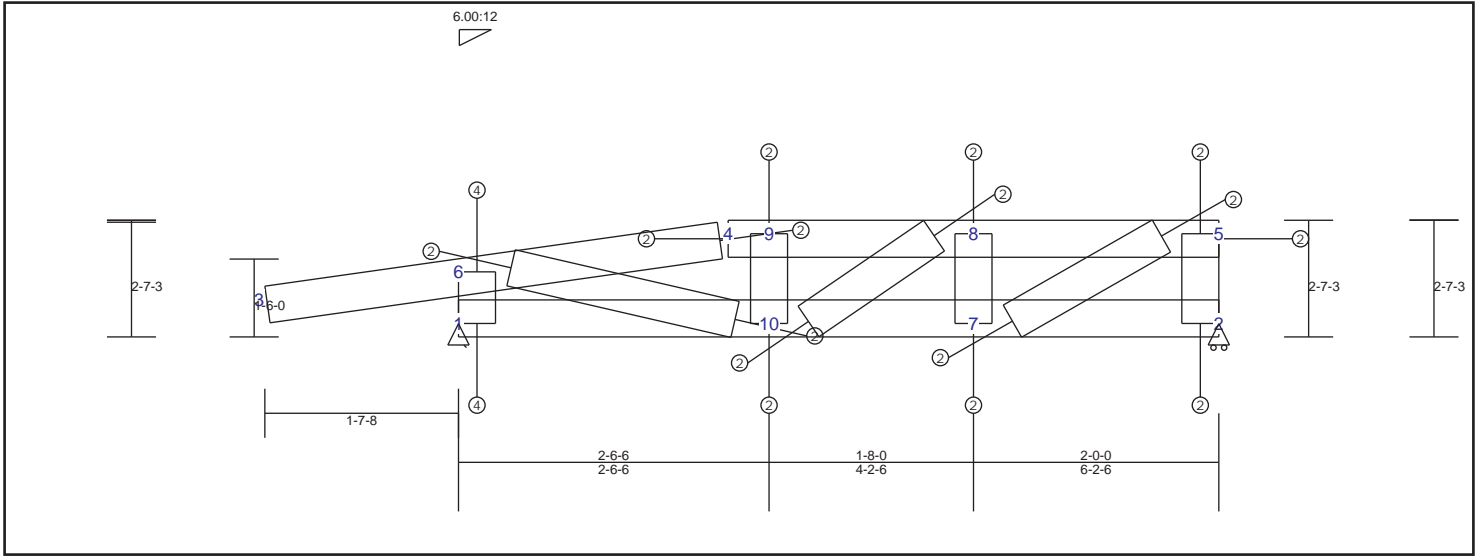
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
3-6	0.35 54 lbs	1-7	0.14 -232 lbs	1-6	0.16 -442 lbs
6-8	0.39 168 lbs	7-10	0.19 -176 lbs	7-8	0.08 -209 lbs
4-8	0.07 -139 lbs	2-10	0.19 81 lbs	2-5	0.17 -309 lbs
4-9	0.10 -81 lbs			9-10	0.12 -209 lbs
5-9	0.23 -81 lbs			6-7	0.03 220 lbs
				8-10	0.05 179 lbs
				5-10	0.18 342 lbs
					-442 lbs
					-209 lbs
					-309 lbs
					-209 lbs
					-21 lbs
					-116 lbs
					-304 lbs

TRUSS TL08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.39 (6 - 4)	TL(V): 0 in.	L / 999	(4-9)	L / 90
BC : 0.17 (10 - 7)	LL(V): 0 in.	L / 999	(4-9)	L / 90
Web : 0.16 (1 - 6)	DL(V): 0 in.	L / 999	(4-9)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		3	
	Web :			
	Snow/Wind -0.05 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.05 in./ 945		3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		160 lbs	460 lbs	0 lbs	-330 lbs	160 lbs
2	HRoll		0 lbs	270 lbs	0 lbs	-150 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-7-3	7-9-14

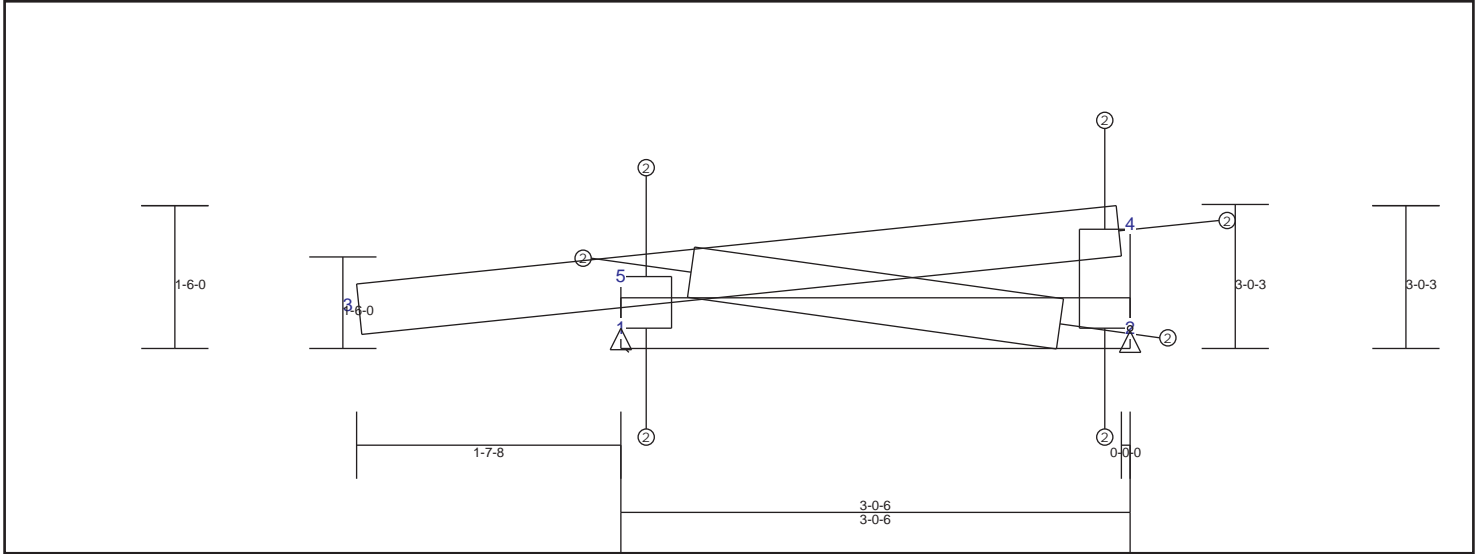
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-9	0.09	-141 lbs	-141 lbs	1-10	0.09	-161 lbs	-161 lbs	1-6	0.16	-440 lbs	-440 lbs
8-9	0.10	-141 lbs	-141 lbs	7-10	0.17	141 lbs	-106 lbs	7-8	0.09	-256 lbs	-256 lbs
5-8	0.20	-129 lbs	-129 lbs	2-7	0.17	129 lbs	-98 lbs	2-5	0.10	-272 lbs	-272 lbs
3-6	0.35	54 lbs	0 lbs					9-10	0.04	-109 lbs	-109 lbs
4-6	0.39	-189 lbs	-189 lbs					5-7	0.08	290 lbs	-222 lbs
								8-10	0.02	-60 lbs	-60 lbs
								6-10	0.02	176 lbs	0 lbs

TRUSS TL09 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.39 (5 - 4)	TL(V): 0.01 in.	L / 999	3	L / 90
BC : 0.08 (1 - 2)	LL(V): 0.01 in.	L / 999	3	L / 90
Web : 0.11 (1 - 5)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	3	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	3	2L / 90
	Horiz TL: 0.01 in.		3	
	Web :			
	Snow/Wind -0.05 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.05 in.	L / 873	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		20 lbs	320 lbs	0 lbs	-250 lbs	20 lbs
2	Pin		160 lbs	-110 lbs	0 lbs	-110 lbs	160 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-11-6	4-7-14

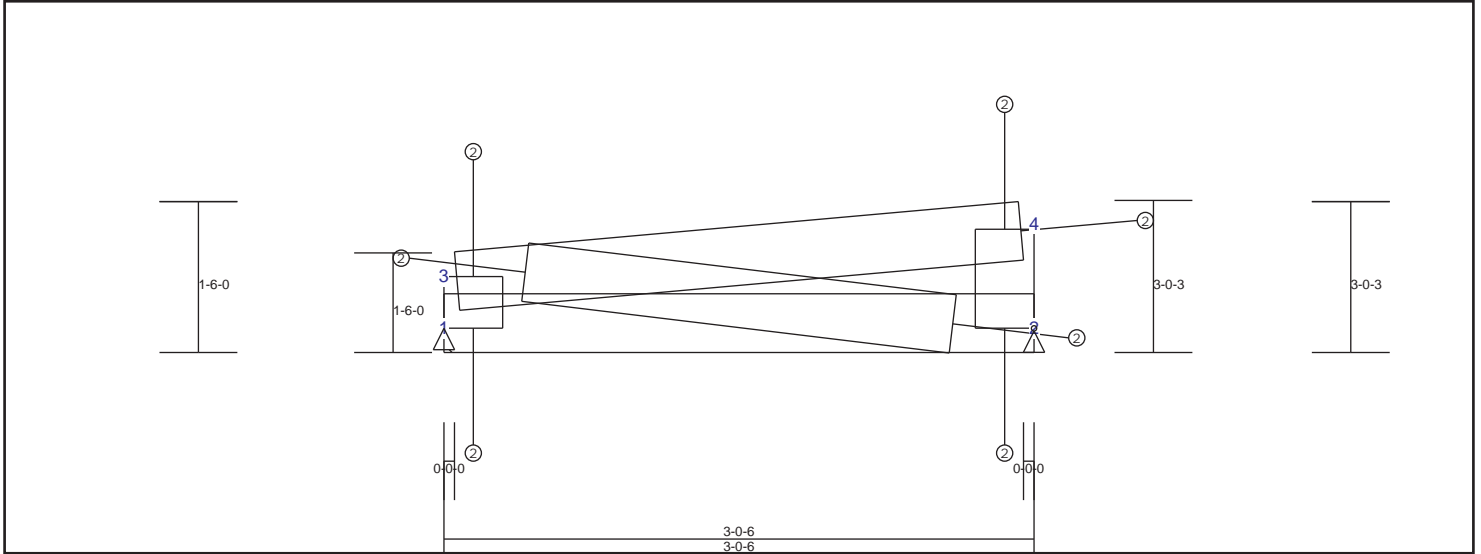
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.35	54 lbs	0 lbs	1-2	0.08	163 lbs	-69 lbs	1-5	0.11	-294 lbs	-294 lbs
4-5	0.39	124 lbs	-77 lbs					2-4	0.03	-76 lbs	-76 lbs
								2-5	0.03	221 lbs	-93 lbs

TRUSS TL10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.11 (3 - 4)	TL(V): 0 in.	L / 999	3	L / 90
BC : 0.04 (1 - 2)	LL(V): 0 in.	L / 999	3	L / 90
Web : 0.05 (2 - 4)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed						
2	Pin	10 lbs	130 lbs	0 lbs	-10 lbs	-150 lbs	10 lbs
		90 lbs	-150 lbs	0 lbs			90 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-11-6	3-0-6

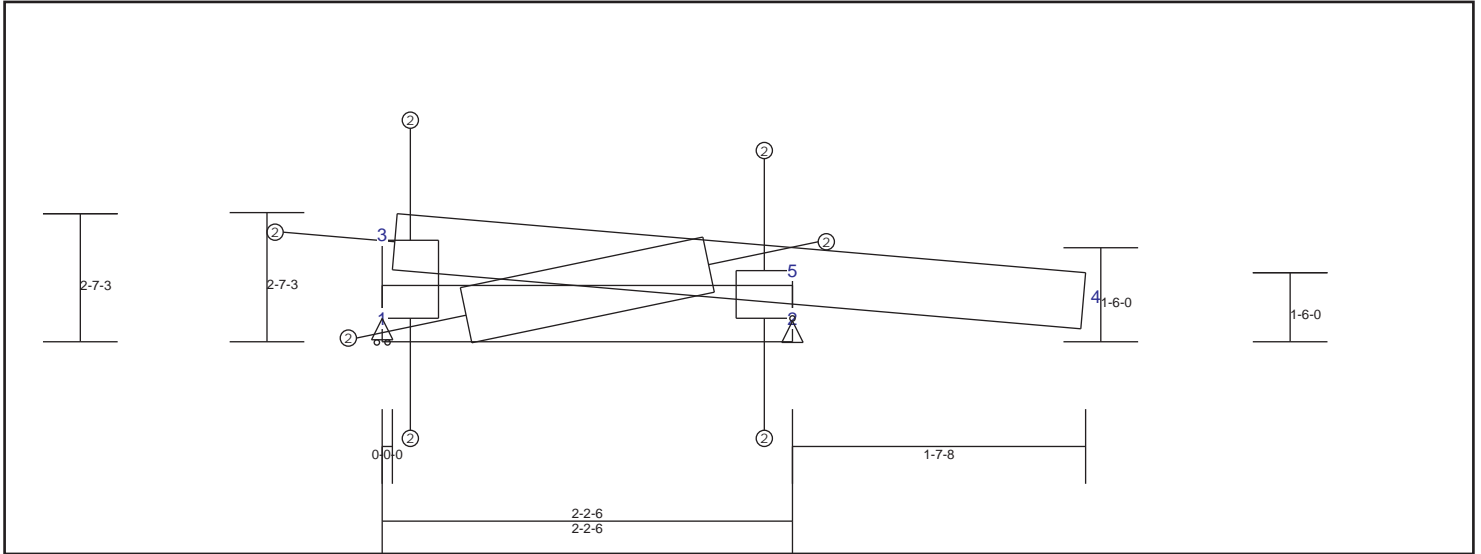
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord				Web						
3-4	0.11	-61 lbs	-61 lbs	1-2	0.04	93 lbs	-44 lbs	1-3	0.04	-111 lbs	-111 lbs
								2-4	0.05	-118 lbs	-118 lbs
								2-3	0.02	126 lbs	-59 lbs

TRUSS TL11 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC: 0.40 (3-5)	TL(V): 0.01 in.	L / 999	4	L / 90
BC: 0.12 (1-2)	LL(V): 0.01 in.	L / 999	4	L / 90
Web: 0.10 (2-5)	DL(V): 0 in.	L / 999	(3-5)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	4	2L / 90
	Horiz TL: -0.01 in.		4	
	Web:			
	Snow/Wind -0.04 in.	L / 999	4	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 986	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-80 lbs	-20 lbs	-80 lbs	0 lbs
2	Pin		-160 lbs	290 lbs	0 lbs	-260 lbs	-160 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-6-6	3-9-14

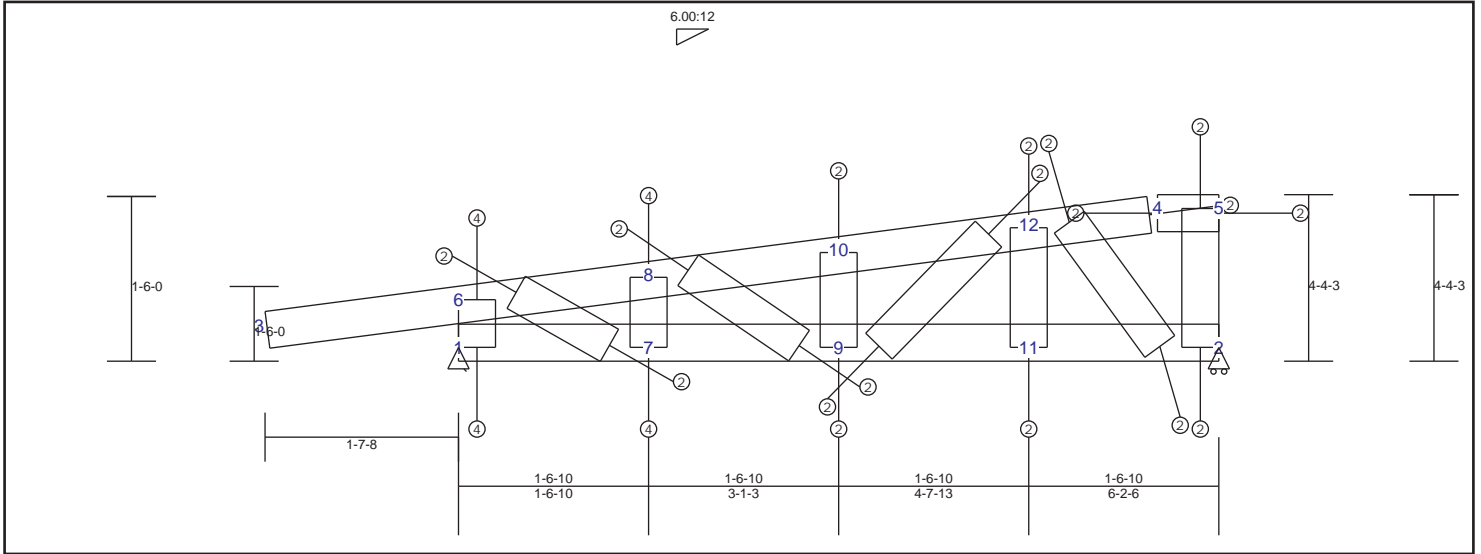
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-5 0.40 117 lbs -69 lbs	1-2 0.12 -157 lbs	1-3 0.05 -142 lbs
4-5 0.35 54 lbs 0 lbs		2-5 0.10 -276 lbs
		1-5 0.04 247 lbs -99 lbs

TRUSS TL12 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary		Deflection		L	(Loc)	Max. Allowed
TC :	0.39 (6 - 8)	TL(V):	0 in.	L / 999	3	L / 90
BC :	0.25 (1 - 7)	LL(V):	0 in.	L / 999	3	L / 90
Web :	0.23 (12 - 2)	DL(V):	0 in.	L / 999	3	L / 0
		Cant / OH TL:	0 in.	2L / 999	0	2L / 0
		Cant / OH LL:	0 in.	2L / 999	0	2L / 0
		Horiz TL:	0 in.		3	
		Web :				
		Snow/Wind	-0.04 in.	L / 999	3	L / 90
		Cant (Snow/Wind)	-0.04 in.	L / 999	3	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		290 lbs	450 lbs	0 lbs	-250 lbs	290 lbs
2	HRoll		0 lbs	280 lbs	0 lbs	-230 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-4-3	7-9-14

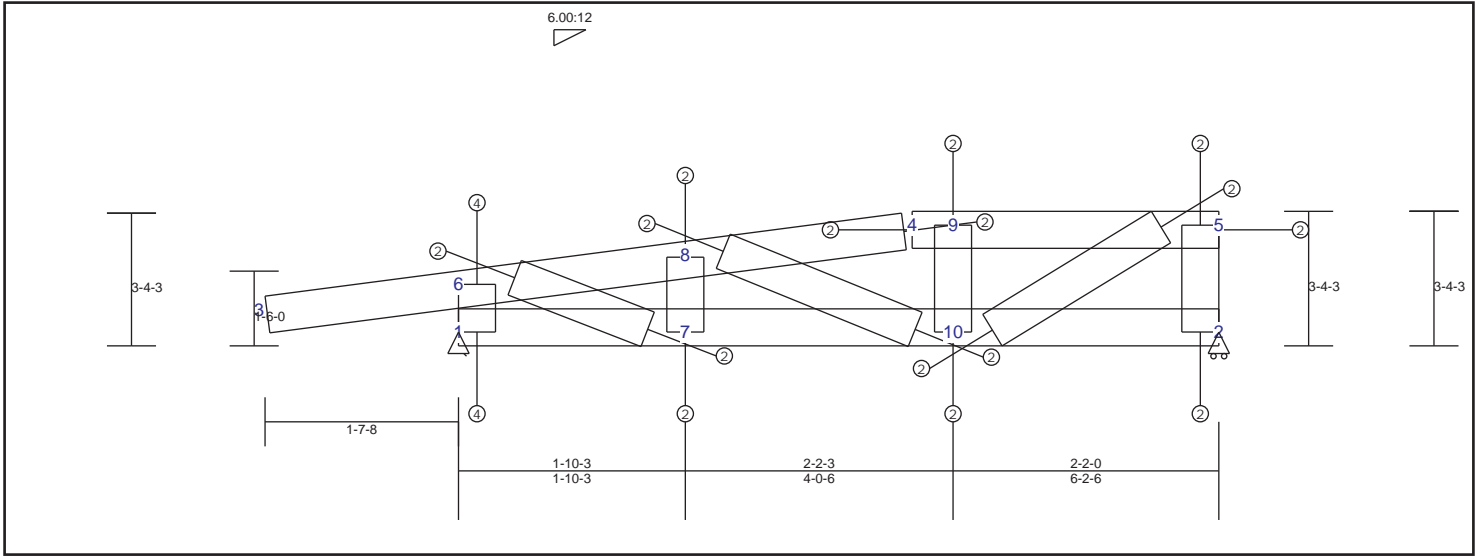
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web		
3-6	0.35	54 lbs	1-7	0.25	-286 lbs	1-6	0.15	-408 lbs
6-8	0.39	164 lbs	7-9	0.25	-197 lbs	7-8	0.16	-431 lbs
8-10	0.10	-178 lbs	9-11	0.19	-143 lbs	9-10	0.10	-236 lbs
10-12	0.22	-178 lbs	2-11	0.21	-64 lbs	11-12	0.02	61 lbs
4-12	0.17	-88 lbs				2-5	0.01	-13 lbs
4-5	0.01	0 lbs				6-7	0.04	317 lbs
						8-9	0.02	183 lbs
						9-12	0.19	-318 lbs
						2-12	0.23	343 lbs

TRUSS TL13 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.39 (6 - 8)	TL(V): 0 in.	L / 999	3
BC : 0.17 (1 - 7)	LL(V): 0 in.	L / 999	3
Web : 0.16 (1 - 6)	DL(V): 0 in.	L / 999	3
	Cant / OH TL: 0 in.	2L / 999	0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: 0 in.		3
	Web :		
	Snow/Wind -0.04 in.	L / 999	3
	Cant (Snow/Wind) -0.04 in.L / 982		3

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		210 lbs	450 lbs	0 lbs	-280 lbs	210 lbs
2	HRoll		0 lbs	270 lbs	0 lbs	-200 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
3-4-3	7-9-14

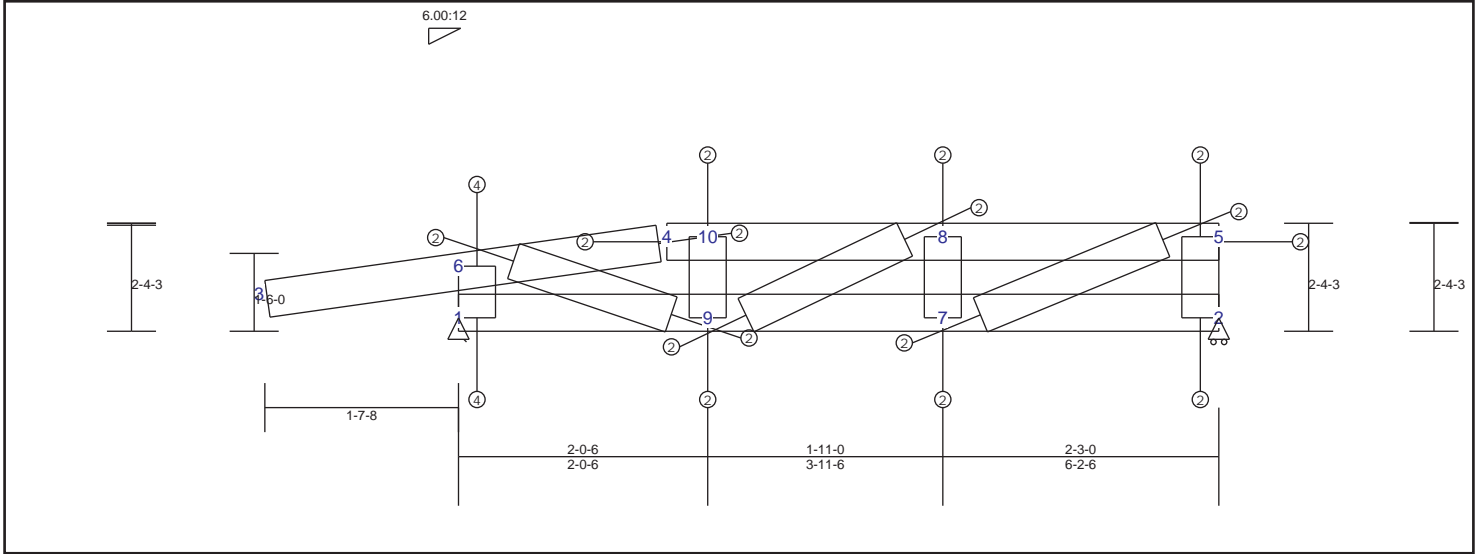
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.35	54 lbs	0 lbs	1-7	0.17	-214 lbs	-214 lbs	1-6	0.16	-447 lbs	-447 lbs
6-8	0.39	172 lbs	-153 lbs	7-10	0.17	-174 lbs	-174 lbs	7-8	0.10	-260 lbs	-260 lbs
4-8	0.06	-146 lbs	-146 lbs	2-10	0.15	104 lbs	-101 lbs	2-5	0.14	-280 lbs	-280 lbs
4-9	0.09	-104 lbs	-104 lbs					9-10	0.09	-179 lbs	-179 lbs
5-9	0.20	-104 lbs	-104 lbs					6-7	0.03	232 lbs	-18 lbs
								5-10	0.15	264 lbs	-258 lbs
								8-10	0.03	135 lbs	-70 lbs

TRUSS TL14 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.39 (6 - 4)	TL(V): 0 in.	L / 999	3	L / 90
BC : 0.15 (9 - 7)	LL(V): 0 in.	L / 999	3	L / 90
Web : 0.17 (1 - 6)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		3	
	Web :			
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 980	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		150 lbs	460 lbs	0 lbs	-310 lbs	150 lbs
2	HRoll		0 lbs	260 lbs	0 lbs	-170 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	Section
Bot Chd	362S162-33(33)	Purlin (96 in.)	Material
Web	362S162-33(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
2-4-3	7-9-14

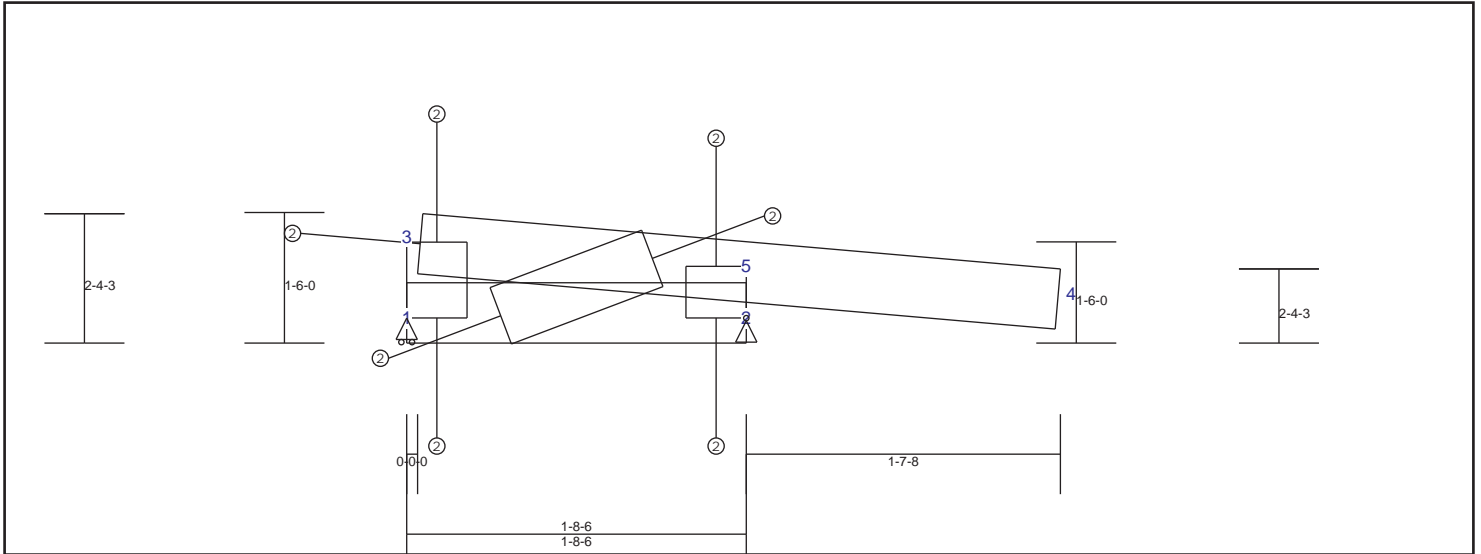
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.35	54 lbs	0 lbs	1-9	0.12	-150 lbs	-150 lbs	1-6	0.17	-460 lbs	-460 lbs
4-6	0.39	-179 lbs	-179 lbs	7-9	0.15	159 lbs	-137 lbs	7-8	0.08	224 lbs	-211 lbs
4-10	0.13	-135 lbs	-135 lbs	2-7	0.15	159 lbs	-137 lbs	2-5	0.10	-267 lbs	-267 lbs
8-10	0.13	-159 lbs	-159 lbs					9-10	0.07	-192 lbs	-192 lbs
5-8	0.19	-159 lbs	-159 lbs					5-7	0.09	281 lbs	-242 lbs
								6-9	0.03	224 lbs	0 lbs
								8-9	0.02	-47 lbs	-47 lbs

TRUSS TL15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.43 (3 - 5)	TL(V): 0.01 in.	L / 999	4	L / 90
BC : 0.19 (1 - 2)	LL(V): 0.01 in.	L / 999	4	L / 90
Web : 0.10 (2 - 5)	DL(V): 0 in.	L / 999	(3-5)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	4	2L / 90
	Horiz TL: -0.01 in.		4	
	Web :			
	Snow/Wind -0.04 in.	L / 999	4	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-50 lbs	-40 lbs	-50 lbs	0 lbs
2	Pin		-150 lbs	290 lbs	0 lbs	-280 lbs	-150 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-3-6	3-3-14

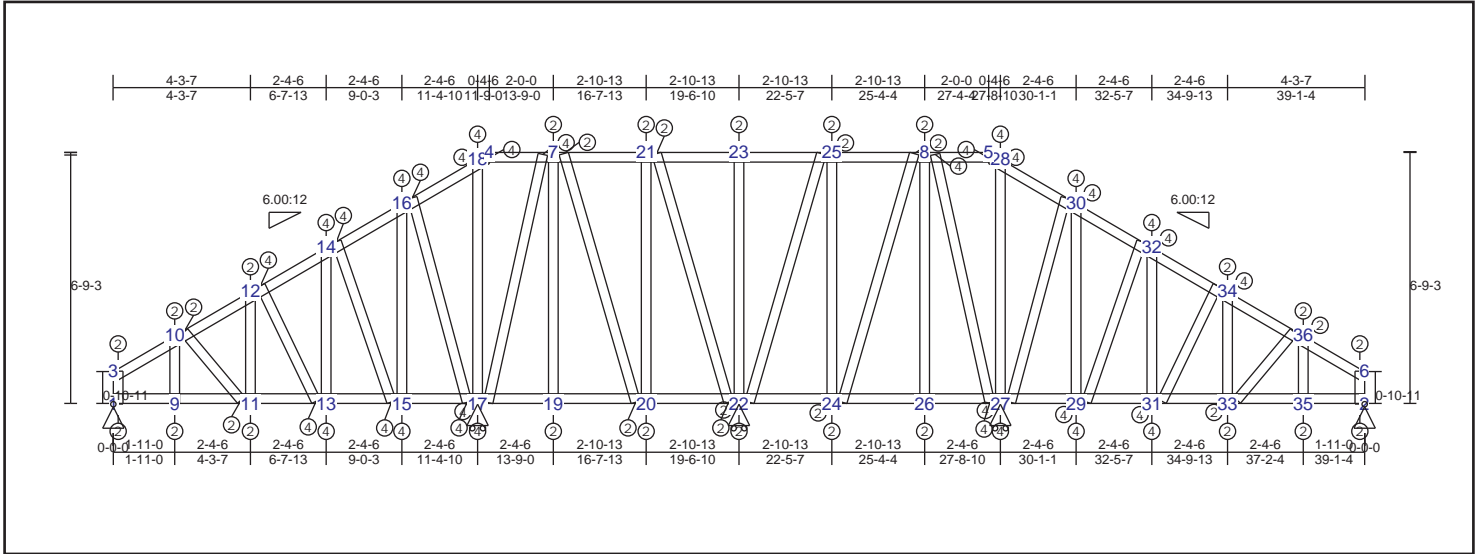
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.43	115 lbs	-67 lbs	1-2	0.19	-145 lbs	-145 lbs	1-3	0.09	-256 lbs	-256 lbs
4-5	0.35	54 lbs	0 lbs					2-5	0.10	-270 lbs	-270 lbs
								1-5	0.05	349 lbs	-130 lbs

TRUSS TM01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.36 (16 - 18)	TL(V): 0.02 in.	L / 999	(9-11)	L / 90
BC : 0.42 (15 - 17)	LL(V): 0.02 in.	L / 999	(9-11)	L / 90
Web : 0.89 (8 - 27)	DL(V): 0 in.	L / 999	(4-7)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		3	
	Web :			
	Snow/Wind -0.02 in.	L / 999	(31-33)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-340 lbs	200 lbs	0 lbs	-110 lbs	-340 lbs
2	Pin		340 lbs	200 lbs	0 lbs	-110 lbs	340 lbs
17	HRoll		0 lbs	1340 lbs	0 lbs	-760 lbs	0 lbs
22	HRoll		0 lbs	710 lbs	0 lbs	-470 lbs	0 lbs
27	HRoll		0 lbs	1340 lbs	0 lbs	-690 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-9.3	39-1.4

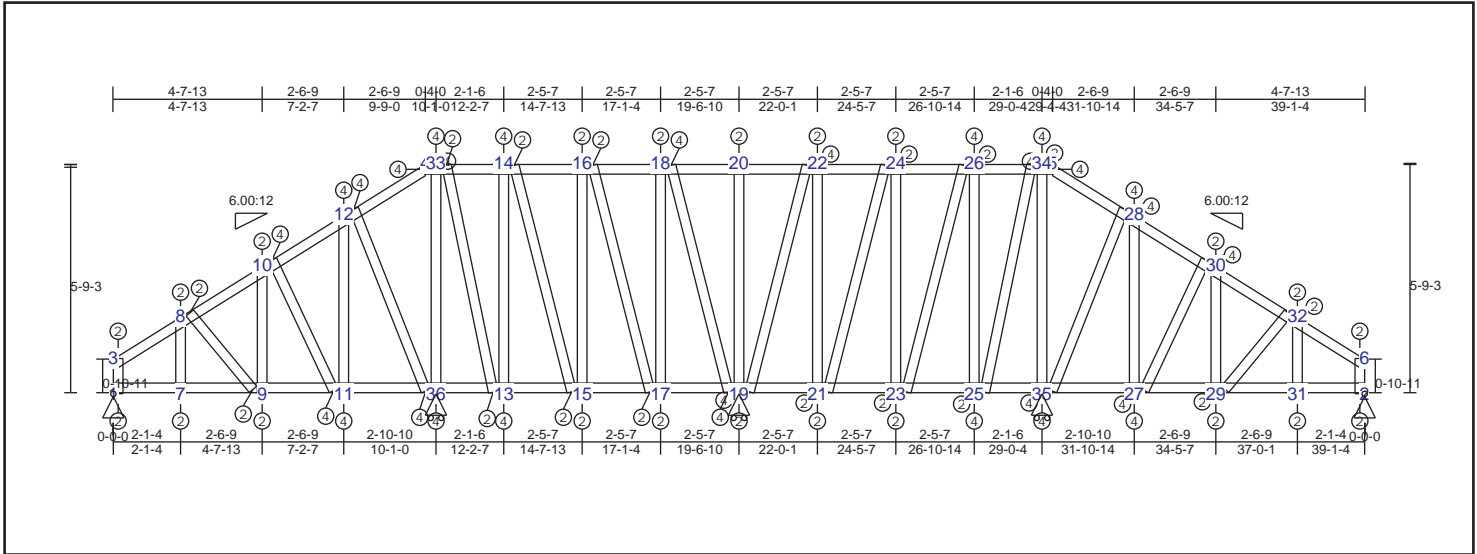
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-7	0.18	548 lbs	-211 lbs	1-9	0.22	-366 lbs	-366 lbs	15-16	0.57	541 lbs	-469 lbs
7-21	0.14	452 lbs	-141 lbs	9-11	0.22	-366 lbs	-366 lbs	13-14	0.28	449 lbs	-374 lbs
21-23	0.10	502 lbs	-174 lbs	11-13	0.24	299 lbs	-289 lbs	11-12	0.06	155 lbs	-141 lbs
23-25	0.12	502 lbs	-174 lbs	13-15	0.34	-136 lbs	-136 lbs	9-10	0.03	-87 lbs	-87 lbs
8-25	0.14	452 lbs	-163 lbs	15-17	0.42	-313 lbs	-313 lbs	17-18	0.79	-393 lbs	-393 lbs
5-8	0.18	548 lbs	-214 lbs	17-19	0.42	-313 lbs	-313 lbs	7-19	0.03	50 lbs	-16 lbs
5-28	0.20	493 lbs	-194 lbs	19-20	0.12	-218 lbs	-218 lbs	22-23	0.41	-197 lbs	-197 lbs
28-30	0.36	691 lbs	-374 lbs	20-22	0.21	-268 lbs	-268 lbs	24-25	0.09	93 lbs	-45 lbs
30-32	0.33	691 lbs	-374 lbs	22-24	0.21	-268 lbs	-268 lbs	8-26	0.03	59 lbs	-16 lbs
32-34	0.28	426 lbs	-205 lbs	24-26	0.12	-218 lbs	-218 lbs	27-28	0.79	-393 lbs	-393 lbs
34-36	0.16	133 lbs	-41 lbs	26-27	0.42	-313 lbs	-313 lbs	31-32	0.28	449 lbs	-373 lbs
6-36	0.10	78 lbs	-51 lbs	27-29	0.42	-313 lbs	-313 lbs	29-30	0.58	541 lbs	-478 lbs
3-10	0.10	78 lbs	-51 lbs	29-31	0.34	-136 lbs	-136 lbs	33-34	0.06	155 lbs	-141 lbs
10-12	0.16	133 lbs	-41 lbs	31-33	0.24	299 lbs	-296 lbs	35-36	0.03	-87 lbs	-87 lbs
12-14	0.28	426 lbs	-205 lbs	33-35	0.22	-374 lbs	-374 lbs	20-21	0.09	78 lbs	-45 lbs
14-16	0.33	691 lbs	-371 lbs	2-35	0.22	-374 lbs	-374 lbs	2-6	0.04	-125 lbs	-125 lbs
16-18	0.36	691 lbs	-371 lbs					1-3	0.04	-125 lbs	-125 lbs
4-18	0.20	493 lbs	-187 lbs					16-17	0.88	-592 lbs	-592 lbs
								14-15	0.57	-603 lbs	-603 lbs
								12-13	0.25	-430 lbs	-430 lbs
								10-11	0.03	111 lbs	-69 lbs
								7-17	0.89	-382 lbs	-382 lbs

TRUSS TM02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.31 (12 - 4)	TL(V): 0.01 in.	L / 999	(7-9)	L / 90
BC : 0.36 (11 - 36)	LL(V): 0.01 in.	L / 999	(7-9)	L / 90
Web : 0.97 (36 - 33)	DL(V): 0 in.	L / 999	(4-33)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.01 in.		6	
	Web :			
	Snow/Wind -0.01 in.	L / 999	(29-31)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P-Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-330 lbs	170 lbs	0 lbs	-110 lbs	-330 lbs
2	Pin		330 lbs	170 lbs	0 lbs	-110 lbs	330 lbs
19	HRoll		0 lbs	990 lbs	0 lbs	-640 lbs	0 lbs
35	HRoll		0 lbs	1220 lbs	0 lbs	-580 lbs	0 lbs
36	HRoll		0 lbs	1220 lbs	0 lbs	-680 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-9-3	39-1-4

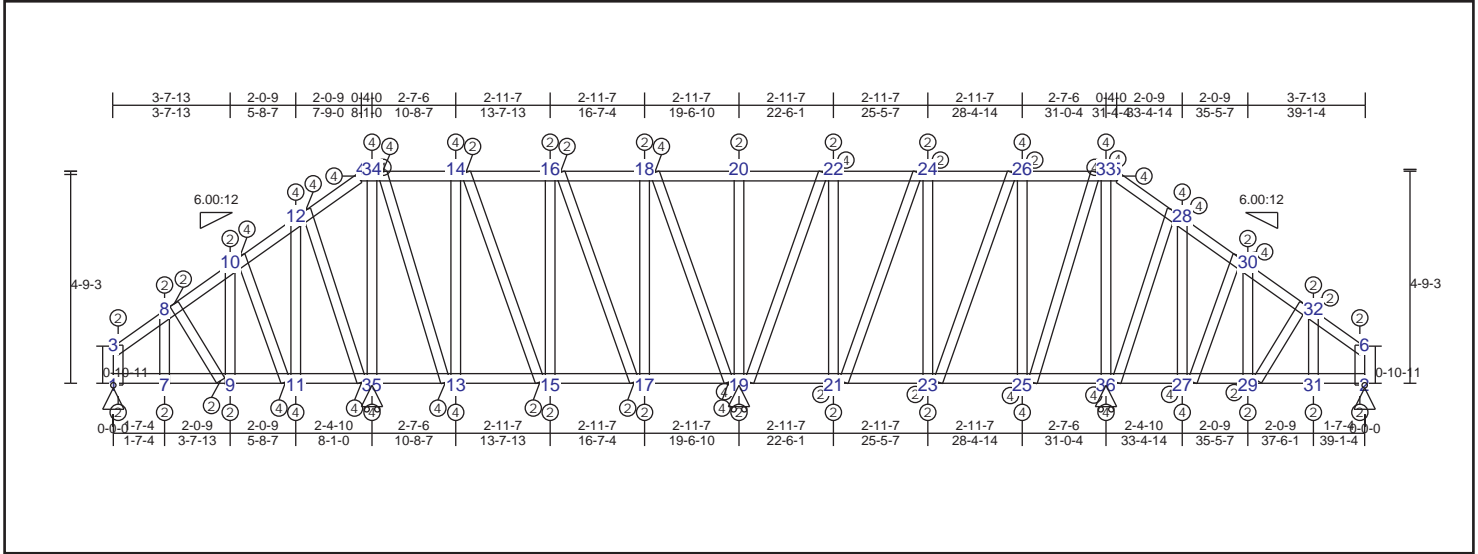
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web			
4-33	0.25	503 lbs	1-7	0.19	-335 lbs	7-8	0.02	49 lbs	-43 lbs
14-33	0.25	503 lbs	7-9	0.20	-335 lbs	9-10	0.08	208 lbs	-175 lbs
14-16	0.18	431 lbs	9-11	0.25	225 lbs	11-12	0.29	418 lbs	-346 lbs
16-18	0.19	445 lbs	11-36	0.36	-256 lbs	13-14	0.53	-377 lbs	-377 lbs
18-20	0.23	581 lbs	13-36	0.36	-256 lbs	15-16	0.07	-54 lbs	-54 lbs
20-22	0.23	581 lbs	13-15	0.25	-184 lbs	17-18	0.20	227 lbs	-149 lbs
22-24	0.19	445 lbs	15-17	0.15	-198 lbs	19-20	0.17	-127 lbs	-127 lbs
24-26	0.18	431 lbs	17-19	0.35	-334 lbs	21-22	0.29	227 lbs	-211 lbs
26-34	0.25	503 lbs	19-21	0.35	-334 lbs	23-24	0.07	63 lbs	-54 lbs
5-34	0.25	503 lbs	21-23	0.15	-198 lbs	25-26	0.53	-377 lbs	-377 lbs
3-8	0.09	78 lbs	23-25	0.25	-184 lbs	27-28	0.29	418 lbs	-350 lbs
8-10	0.18	222 lbs	25-35	0.36	-256 lbs	29-30	0.08	208 lbs	-173 lbs
10-12	0.26	518 lbs	27-35	0.36	-256 lbs	31-32	0.02	50 lbs	-43 lbs
4-12	0.31	583 lbs	27-29	0.25	225 lbs	33-36	0.97	-663 lbs	-663 lbs
5-28	0.31	583 lbs	29-31	0.20	-339 lbs	34-35	0.97	-663 lbs	-663 lbs
28-30	0.26	518 lbs	2-31	0.19	-339 lbs	2-6	0.04	-120 lbs	-120 lbs
30-32	0.18	222 lbs				1-3	0.04	-120 lbs	-120 lbs
6-32	0.09	79 lbs				8-9	0.06	171 lbs	-146 lbs
						10-11	0.30	-460 lbs	-460 lbs
						14-15	0.18	168 lbs	-120 lbs
						16-17	0.34	-216 lbs	-216 lbs
						18-19	0.72	-448 lbs	-448 lbs

TRUSS TM03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.26 (12 - 4)	TL(V): 0 in.	L / 999	(4-34)	L / 90
BC : 0.42 (17 - 19)	LL(V): 0 in.	L / 999	(4-34)	L / 90
Web : 0.71 (19 - 22)	DL(V): 0 in.	L / 999	(4-34)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		6	
	Web :			
	Snow/Wind 0 in.	L / 999	(4-34)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-220 lbs	160 lbs	0 lbs	-90 lbs	-220 lbs
2	Pin		-230 lbs	160 lbs	0 lbs	-90 lbs	-230 lbs
19	HRoll		0 lbs	1240 lbs	0 lbs	-780 lbs	0 lbs
35	HRoll		0 lbs	1110 lbs	0 lbs	-620 lbs	0 lbs
36	HRoll		0 lbs	1110 lbs	0 lbs	-490 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	TopChord 4-5	362S162-54(50)	Sheathing
Bot Chd	362S162-33(33)	Purlin (24 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-9-3	39-1-4

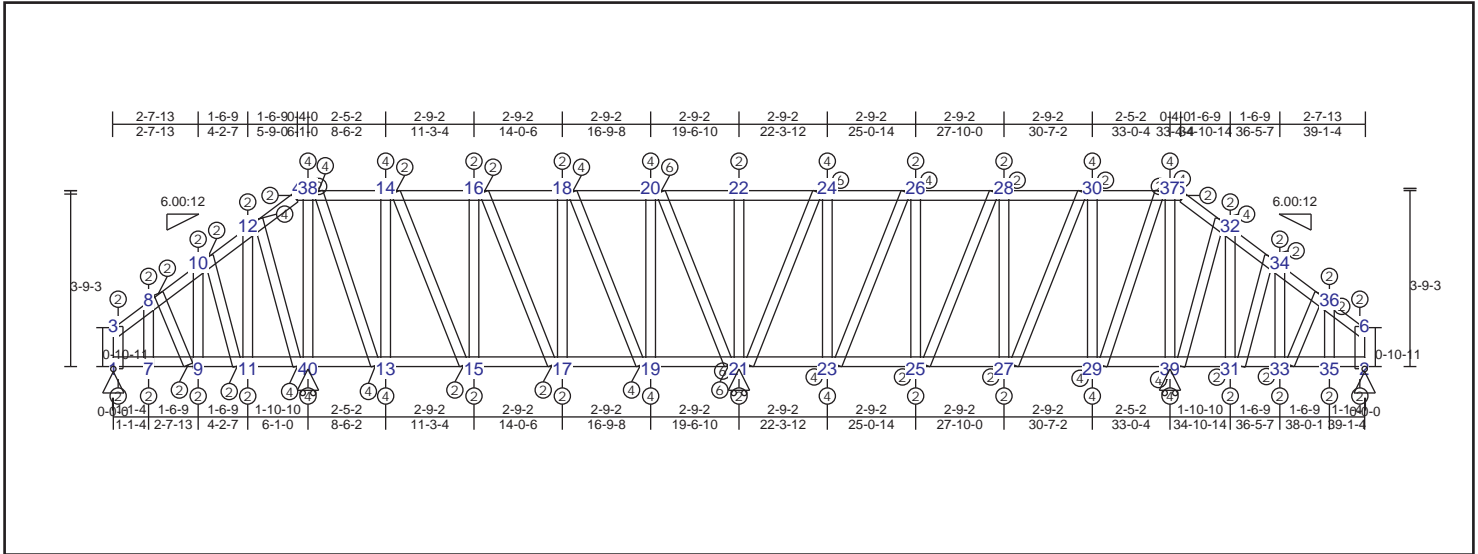
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-34	0.09	359 lbs	-134 lbs	1-7	0.11	-246 lbs	-246 lbs	7-8	0.02	-51 lbs	-51 lbs
14-34	0.09	359 lbs	-134 lbs	7-9	0.11	-246 lbs	-246 lbs	9-10	0.05	162 lbs	-147 lbs
14-16	0.07	192 lbs	-16 lbs	9-11	0.21	-163 lbs	-163 lbs	11-12	0.18	367 lbs	-309 lbs
16-18	0.07	254 lbs	-75 lbs	11-35	0.29	-207 lbs	-207 lbs	13-14	0.42	-437 lbs	-437 lbs
18-20	0.10	523 lbs	-284 lbs	13-35	0.29	-207 lbs	-207 lbs	15-16	0.03	40 lbs	-29 lbs
20-22	0.10	523 lbs	-284 lbs	13-15	0.29	48 lbs	-40 lbs	17-18	0.20	298 lbs	-209 lbs
22-24	0.07	254 lbs	-79 lbs	15-17	0.18	110 lbs	-102 lbs	19-20	0.16	-172 lbs	-172 lbs
24-26	0.07	201 lbs	-57 lbs	17-19	0.42	-371 lbs	-371 lbs	21-22	0.22	298 lbs	-237 lbs
26-33	0.09	359 lbs	-132 lbs	19-21	0.42	-371 lbs	-371 lbs	23-24	0.03	45 lbs	-29 lbs
5-33	0.09	359 lbs	-132 lbs	21-23	0.18	-102 lbs	-102 lbs	25-26	0.42	-437 lbs	-437 lbs
5-28	0.26	414 lbs	-177 lbs	23-25	0.29	80 lbs	-40 lbs	27-28	0.19	367 lbs	-311 lbs
28-30	0.22	377 lbs	-177 lbs	25-36	0.29	-207 lbs	-207 lbs	29-30	0.05	162 lbs	-144 lbs
30-32	0.14	148 lbs	-36 lbs	27-36	0.29	-207 lbs	-207 lbs	31-32	0.02	-51 lbs	-51 lbs
6-32	0.07	63 lbs	-41 lbs	27-29	0.21	-178 lbs	-178 lbs	34-35	0.66	-676 lbs	-676 lbs
3-8	0.07	61 lbs	-41 lbs	29-31	0.11	-258 lbs	-258 lbs	33-36	0.66	-676 lbs	-676 lbs
8-10	0.14	148 lbs	-39 lbs	2-31	0.11	-258 lbs	-258 lbs	2-6	0.04	-103 lbs	-103 lbs
10-12	0.22	377 lbs	-179 lbs					1-3	0.04	-103 lbs	-103 lbs
4-12	0.26	414 lbs	-179 lbs					8-9	0.03	126 lbs	-90 lbs
								10-11	0.18	-382 lbs	-382 lbs
								14-15	0.11	157 lbs	-101 lbs
								16-17	0.34	-297 lbs	-297 lbs
								18-19	0.71	-600 lbs	-600 lbs

TRUSS TM04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.39 (22 - 24)	TL(V): 0.01 in.	L / 999 (26-28)	L / 90
BC : 0.52 (19 - 21)	LL(V): 0.01 in.	L / 999 (26-28)	L / 90
Web : 0.64 (21 - 24)	DL(V): 0 in.	L / 999 (4-38)	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.	26	
	Web :		
	Snow/Wind -0.01 in.	L / 999 (26-28)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC Live/Roof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		120 lbs	130 lbs	0 lbs	-70 lbs	120 lbs
2	Pin		-150 lbs	130 lbs	0 lbs	-80 lbs	-150 lbs
21	HRoll		0 lbs	1460 lbs	0 lbs	-890 lbs	0 lbs
39	HRoll		0 lbs	1030 lbs	0 lbs	-460 lbs	0 lbs
40	HRoll		0 lbs	1030 lbs	0 lbs	-580 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (24 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-9-3	39-1-4

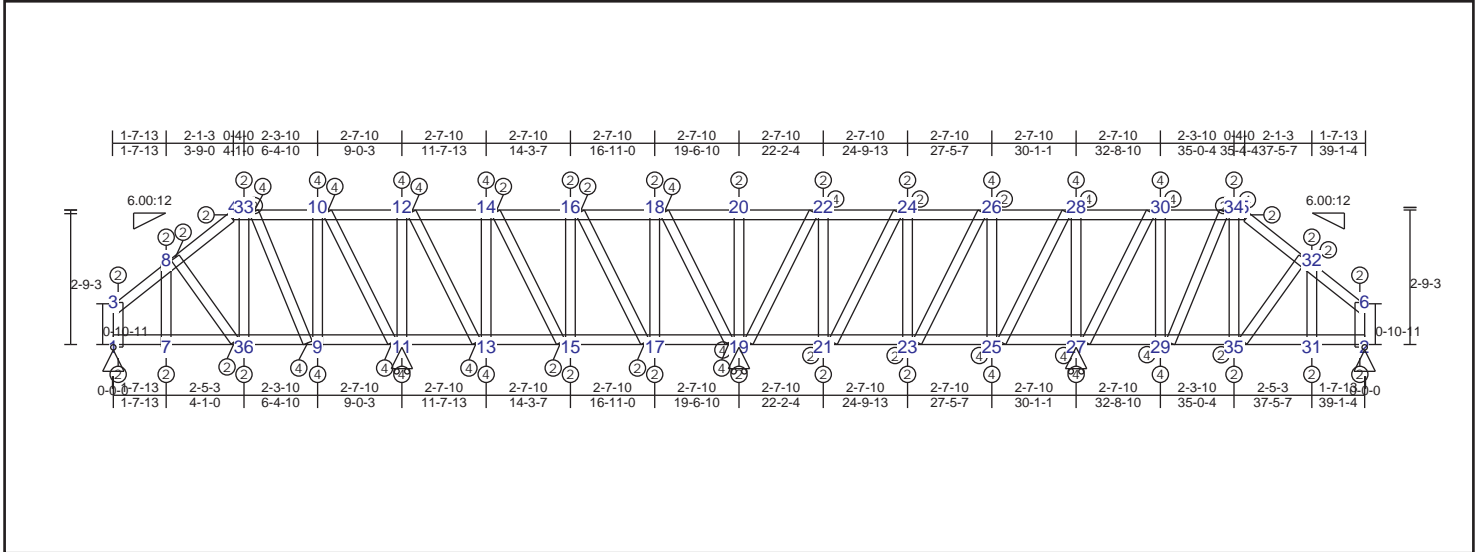
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-38	0.35	236 lbs	-88 lbs	1-7	0.05	-127 lbs	-127 lbs	7-8	0.01	-34 lbs	-34 lbs
14-38	0.38	236 lbs	-88 lbs	7-9	0.07	-127 lbs	-127 lbs	9-10	0.05	-146 lbs	-146 lbs
14-16	0.29	225 lbs	-211 lbs	9-11	0.18	-101 lbs	-101 lbs	11-12	0.10	296 lbs	-258 lbs
16-18	0.17	225 lbs	-211 lbs	11-40	0.23	-235 lbs	-235 lbs	13-14	0.37	-606 lbs	-606 lbs
18-20	0.34	171 lbs	-156 lbs	13-40	0.39	-235 lbs	-235 lbs	15-16	0.11	-189 lbs	-189 lbs
20-22	0.39	517 lbs	-356 lbs	13-15	0.39	212 lbs	-143 lbs	17-18	0.08	176 lbs	-128 lbs
22-24	0.39	517 lbs	-356 lbs	15-17	0.13	212 lbs	-143 lbs	19-20	0.21	470 lbs	-346 lbs
24-26	0.34	181 lbs	-156 lbs	17-19	0.29	157 lbs	-111 lbs	21-22	0.07	-123 lbs	-123 lbs
26-28	0.17	239 lbs	-211 lbs	19-21	0.52	-516 lbs	-516 lbs	23-24	0.22	470 lbs	-355 lbs
28-30	0.29	239 lbs	-211 lbs	21-23	0.52	-516 lbs	-516 lbs	25-26	0.08	176 lbs	-136 lbs
30-37	0.38	236 lbs	-72 lbs	23-25	0.29	157 lbs	-111 lbs	27-28	0.11	-189 lbs	-189 lbs
5-37	0.35	236 lbs	-72 lbs	25-27	0.13	212 lbs	-157 lbs	29-30	0.37	-606 lbs	-606 lbs
5-32	0.19	270 lbs	-114 lbs	27-29	0.39	212 lbs	-157 lbs	31-32	0.10	296 lbs	-258 lbs
32-34	0.17	261 lbs	-114 lbs	29-39	0.39	-235 lbs	-235 lbs	33-34	0.05	138 lbs	-127 lbs
34-36	0.11	109 lbs	-46 lbs	31-39	0.23	-235 lbs	-235 lbs	35-36	0.01	-40 lbs	-40 lbs
6-36	0.04	45 lbs	-32 lbs	31-33	0.18	-101 lbs	-101 lbs	37-39	0.43	-699 lbs	-699 lbs
3-8	0.04	36 lbs	-32 lbs	33-35	0.06	-150 lbs	-150 lbs	38-40	0.43	-699 lbs	-699 lbs
8-10	0.11	109 lbs	-44 lbs	2-35	0.06	-150 lbs	-150 lbs	2-6	0.03	-82 lbs	-82 lbs
10-12	0.17	261 lbs	-133 lbs					1-3	0.03	-82 lbs	-82 lbs
4-12	0.19	270 lbs	-133 lbs					8-9	0.03	127 lbs	-82 lbs
								10-11	0.11	-311 lbs	-311 lbs
								14-15	0.18	344 lbs	-234 lbs

TRUSS TM05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.36 (10 - 12)	TL(V): 0.02 in.	L / 999	(5-32)	L / 90
BC : 0.35 (25 - 27)	LL(V): 0.02 in.	L / 999	(5-32)	L / 90
Web : 0.36 (27 - 30)	DL(V): 0 in.	L / 999	(4-33)	L / 0
	Cant / OH TL: 0.01 in.	2L / 675	3	2L / 90
	Cant / OH LL: 0.01 in.	2L / 675	3	2L / 90
	Horiz TL: 0.01 in.		6	
	Web :			
	Snow/Wind -0.02 in.	L / 999	(8-4)	L / 90
	Cant (Snow/Wind) -0.01 in.	L / 675	3	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC Live/Roof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-170 lbs	260 lbs	0 lbs	-150 lbs	-170 lbs
2	Pin		170 lbs	260 lbs	0 lbs	-130 lbs	170 lbs
11	HRoll		0 lbs	1150 lbs	0 lbs	-650 lbs	0 lbs
19	HRoll		0 lbs	960 lbs	0 lbs	-600 lbs	0 lbs
27	HRoll		0 lbs	1150 lbs	0 lbs	-590 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-9-3	39-1-4

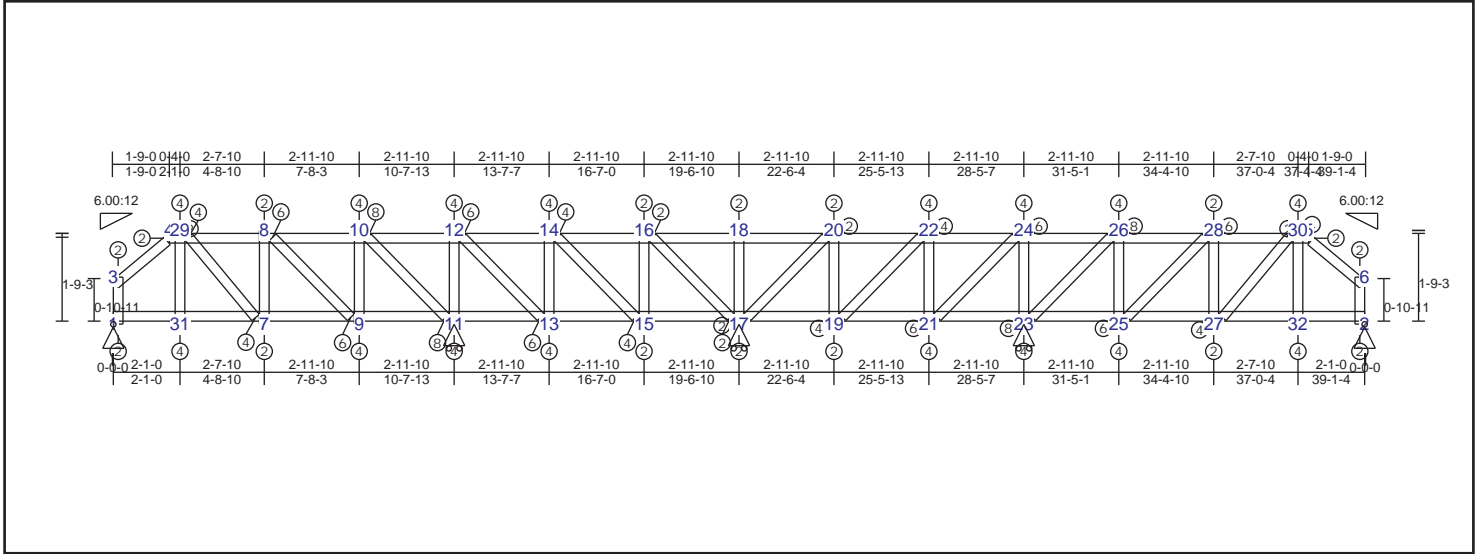
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
4-33	0.13 162 lbs	-128 lbs	1-7 0.24 -166 lbs	-166 lbs	7-8 0.06 -176 lbs
10-33	0.29 162 lbs	-128 lbs	7-36 0.24 260 lbs	-191 lbs	9-10 0.11 440 lbs
10-12	0.36 549 lbs	-341 lbs	9-36 0.26 260 lbs	-191 lbs	11-12 0.23 -615 lbs
12-14	0.36 549 lbs	-341 lbs	9-11 0.35 -416 lbs	-416 lbs	13-14 0.18 -482 lbs
14-16	0.24 215 lbs	-102 lbs	11-13 0.35 -416 lbs	-416 lbs	15-16 0.05 -126 lbs
16-18	0.16 147 lbs	-76 lbs	13-15 0.31 101 lbs	-82 lbs	17-18 0.05 178 lbs
18-20	0.21 457 lbs	-319 lbs	15-17 0.10 101 lbs	-52 lbs	19-20 0.06 -161 lbs
20-22	0.21 457 lbs	-319 lbs	17-19 0.31 -324 lbs	-324 lbs	21-22 0.05 178 lbs
22-24	0.16 147 lbs	-66 lbs	19-21 0.31 -324 lbs	-324 lbs	23-24 0.05 -126 lbs
24-26	0.24 215 lbs	-109 lbs	21-23 0.10 101 lbs	-79 lbs	25-26 0.18 -482 lbs
26-28	0.36 549 lbs	-290 lbs	23-25 0.31 101 lbs	-82 lbs	27-28 0.23 -615 lbs
28-30	0.36 549 lbs	-290 lbs	25-27 0.35 -416 lbs	-416 lbs	29-30 0.10 440 lbs
30-34	0.29 138 lbs	-128 lbs	27-29 0.35 -416 lbs	-416 lbs	31-32 0.06 -176 lbs
5-34	0.13 138 lbs	-128 lbs	29-35 0.26 260 lbs	-164 lbs	33-36 0.02 75 lbs
5-32	0.21 -127 lbs	-127 lbs	31-35 0.24 260 lbs	-164 lbs	34-35 0.03 75 lbs
6-32	0.15 101 lbs	-90 lbs	2-31 0.24 165 lbs	-162 lbs	1-3 0.05 -138 lbs
3-8	0.15 111 lbs	-90 lbs			2-6 0.05 -138 lbs
4-8	0.21 -127 lbs	-127 lbs			10-11 0.36 -674 lbs
					12-13 0.20 538 lbs
					14-15 0.10 295 lbs
					16-17 0.10 -185 lbs
					18-19 0.26 -499 lbs
					-499 lbs

TRUSS TM06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.41 (22 - 24)	TL(V): 0.07 in.	L / 999	(31-7)	L / 90
BC : 0.59 (1 - 31)	LL(V): 0.05 in.	L / 999	(31-7)	L / 90
Web : 0.50 (10 - 11)	DL(V): 0.02 in.	L / 999	(31-7)	L / 0
	Cant / OH TL: 0 in.	2L / 941	3	2L / 90
	Cant / OH LL: 0 in.	2L / 941	3	2L / 90
	Horiz TL: -0.03 in.		3	
	Web :			
	Snow/Wind -0.05 in.	L / 999	(31-7)	L / 90
	Cant (Snow/Wind) 0.01 in.	L / 666	6	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFSD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-340 lbs	310 lbs	0 lbs	-180 lbs	-340 lbs
2	Pin		340 lbs	310 lbs	0 lbs	-150 lbs	340 lbs
11	HRoll		0 lbs	1310 lbs	0 lbs	-750 lbs	0 lbs
17	HRoll		0 lbs	520 lbs	0 lbs	-330 lbs	0 lbs
23	HRoll		0 lbs	1310 lbs	0 lbs	-730 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-9-3	39-1-4

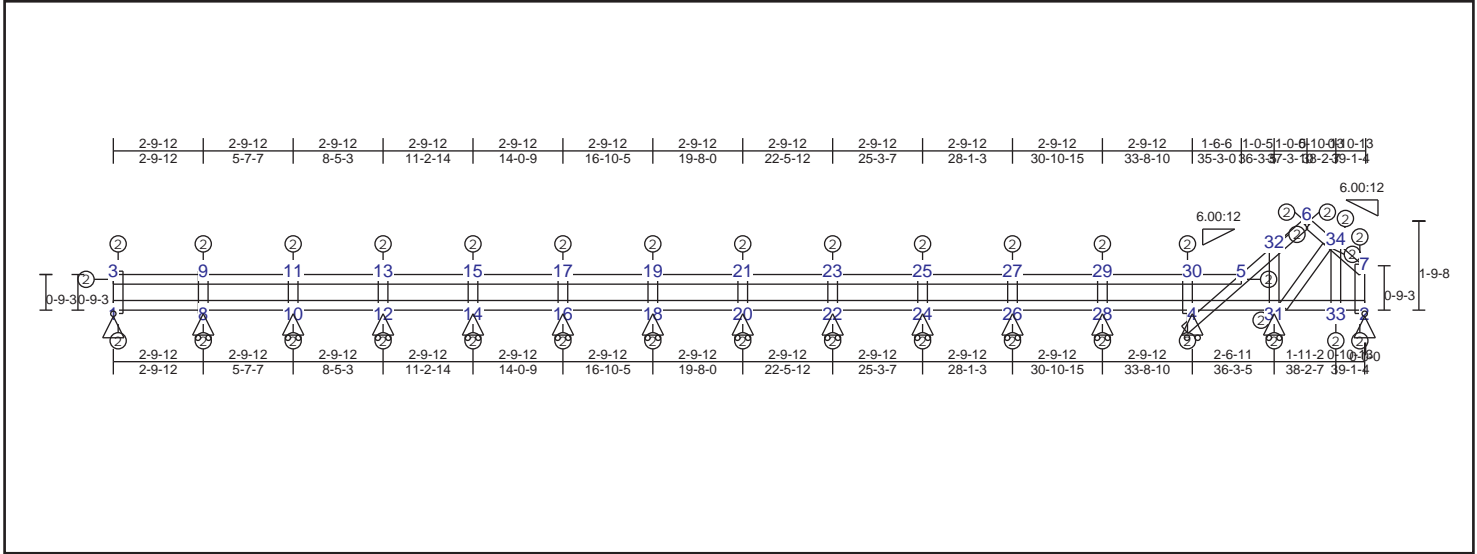
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-29	0.19	64 lbs	-30 lbs	1-31	0.59	337 lbs	-258 lbs	7-8	0.01	72 lbs	-19 lbs
8-29	0.19	-309 lbs	-309 lbs	7-31	0.59	630 lbs	-470 lbs	9-10	0.10	412 lbs	-278 lbs
8-10	0.31	338 lbs	-309 lbs	7-9	0.27	630 lbs	-470 lbs	11-12	0.25	-688 lbs	-688 lbs
10-12	0.41	1285 lbs	-900 lbs	9-11	0.56	-964 lbs	-964 lbs	13-14	0.18	-487 lbs	-487 lbs
12-14	0.41	1285 lbs	-900 lbs	11-13	0.58	-964 lbs	-964 lbs	15-16	0.05	-148 lbs	-148 lbs
14-16	0.26	566 lbs	-380 lbs	13-15	0.32	-245 lbs	-245 lbs	17-18	0.09	-246 lbs	-246 lbs
16-18	0.13	382 lbs	-281 lbs	15-17	0.12	114 lbs	-62 lbs	19-20	0.05	-148 lbs	-148 lbs
18-20	0.13	382 lbs	-281 lbs	17-19	0.12	114 lbs	-69 lbs	21-22	0.18	-487 lbs	-487 lbs
20-22	0.26	566 lbs	-364 lbs	19-21	0.32	-245 lbs	-245 lbs	23-24	0.25	-688 lbs	-688 lbs
22-24	0.41	1285 lbs	-879 lbs	21-23	0.58	-964 lbs	-964 lbs	25-26	0.10	412 lbs	-268 lbs
24-26	0.41	1285 lbs	-879 lbs	23-25	0.56	-964 lbs	-964 lbs	27-28	0.01	72 lbs	-27 lbs
26-28	0.31	338 lbs	-309 lbs	25-27	0.27	630 lbs	-456 lbs	30-32	0.14	-389 lbs	-389 lbs
28-30	0.19	-309 lbs	-309 lbs	27-32	0.59	630 lbs	-456 lbs	29-31	0.14	-389 lbs	-389 lbs
5-30	0.19	64 lbs	-30 lbs	2-32	0.59	337 lbs	-234 lbs	1-3	0.03	88 lbs	-87 lbs
5-6	0.05	50 lbs	-35 lbs					2-6	0.03	88 lbs	-87 lbs
3-4	0.05	50 lbs	-35 lbs					8-9	0.34	-758 lbs	-758 lbs
								10-11	0.50	-1111 lbs	-1111 lbs
								12-13	0.27	843 lbs	-610 lbs
								14-15	0.13	421 lbs	-291 lbs
								16-17	0.09	-204 lbs	-204 lbs
								17-20	0.09	-204 lbs	-204 lbs
								19-22	0.12	421 lbs	-282 lbs

TRUSS TM07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.12 (3 - 9)	TL(V): 0 in.	L / 999	(6-34)	L / 90
BC : 0.06 (31 - 33)	LL(V): 0 in.	L / 999	(6-34)	L / 90
Web : 0.09 (8 - 9)	DL(V): 0 in.	L / 999	(6-34)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		7	
	Web :			
	Snow/Wind 0 in.	L / 999	(6-34)	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC Live/Roof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		10 lbs	100 lbs	0 lbs	-60 lbs	10 lbs
2	Pin		60 lbs	110 lbs	0 lbs	-50 lbs	60 lbs
4	HRoll		0 lbs	300 lbs	0 lbs	-160 lbs	0 lbs
8	HRoll		0 lbs	300 lbs	0 lbs	-170 lbs	0 lbs
10	HRoll		0 lbs	260 lbs	0 lbs	-150 lbs	0 lbs
12	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
14	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
16	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
18	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
20	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
22	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
24	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
26	HRoll		0 lbs	270 lbs	0 lbs	-160 lbs	0 lbs
28	HRoll		0 lbs	260 lbs	0 lbs	-150 lbs	0 lbs
31	HRoll		0 lbs	340 lbs	0 lbs	-180 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-1-12	39-1-4

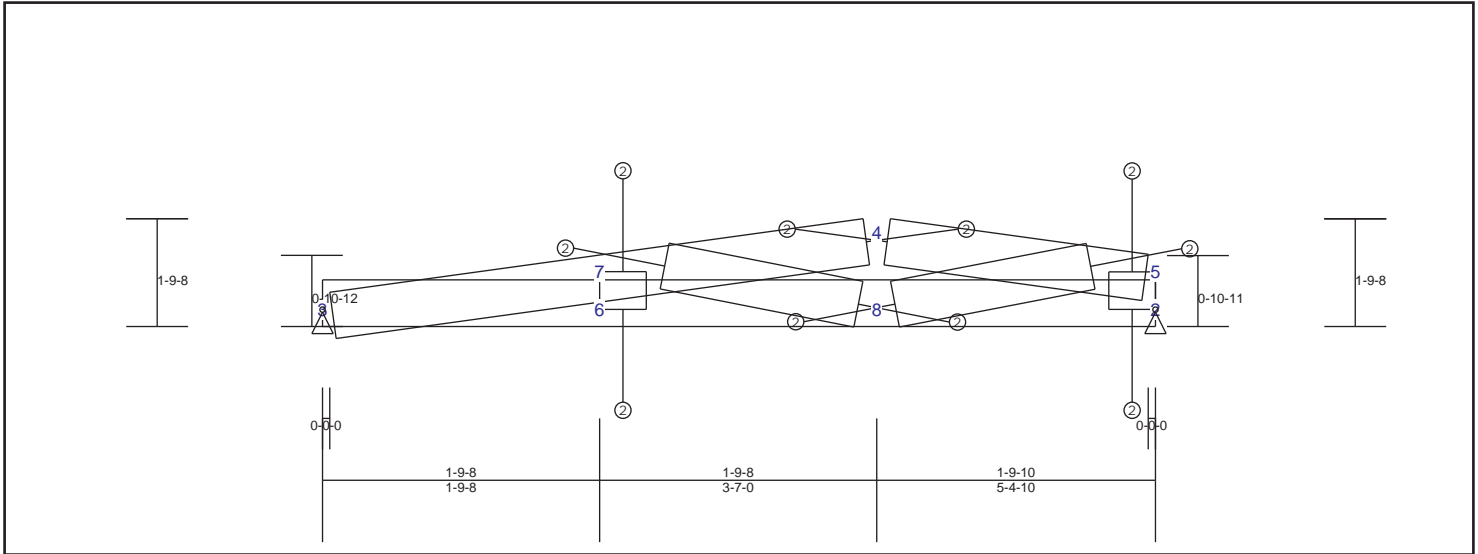
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	CSI	Max Axial Force	Max Comp. Force
6-34	0.03	38 lbs	-32 lbs
7-34	0.03	38 lbs	-31 lbs
4-5	0.05	-64 lbs	-64 lbs
5-32	0.12	-71 lbs	-71 lbs
6-32	0.09	-71 lbs	-71 lbs
3-9	0.12	0 lbs	0 lbs
9-11	0.12	0 lbs	0 lbs
11-13	0.11	0 lbs	0 lbs
13-15	0.11	0 lbs	0 lbs
15-17	0.11	0 lbs	0 lbs
17-19	0.11	0 lbs	0 lbs
19-21	0.11	0 lbs	0 lbs

TRUSS TM08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.14 (4 - 5)	TL(V): 0 in.	L / 999	3	L / 90
BC : 0.18 (8 - 2)	LL(V): 0 in.	L / 999	3	L / 90
Web : 0.08 (2 - 5)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 90
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-360 lbs	250 lbs	0 lbs	-130 lbs	-360 lbs
3	Pin		350 lbs	270 lbs	0 lbs	-230 lbs	350 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-43(33)	Sheathing	TopChord 4-5	362S162-33(33)	Sheathing
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-11-15	5-4-10

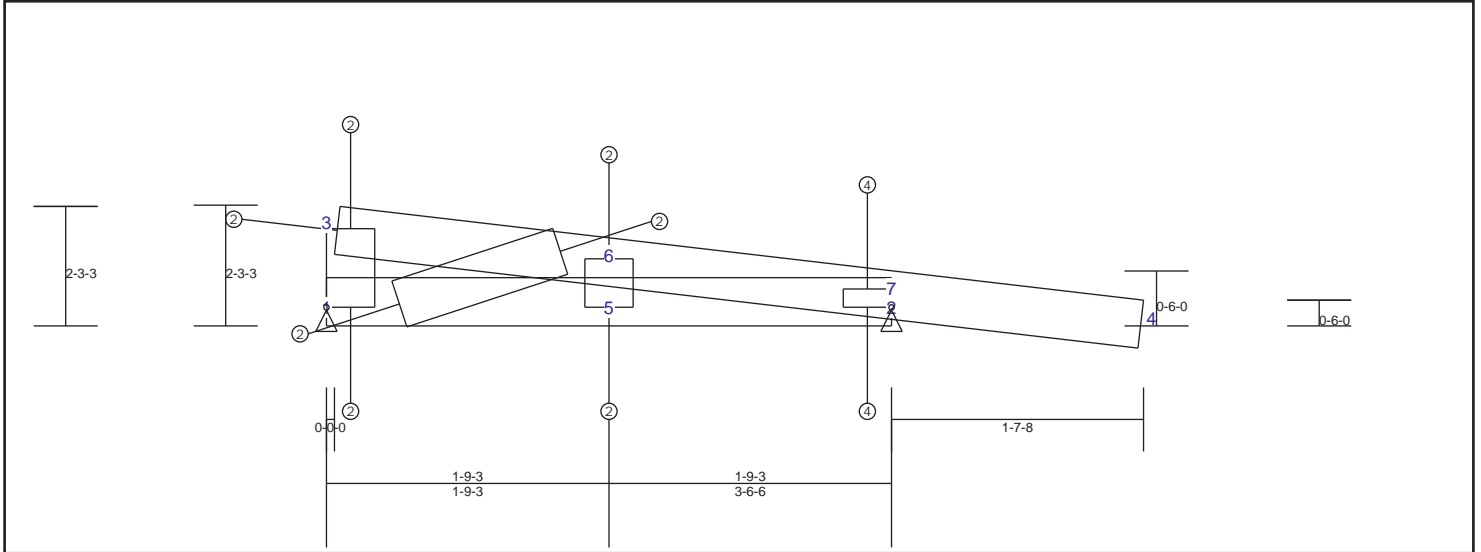
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-7	0.10	-432 lbs	-432 lbs	3-6	0.06	133 lbs	-69 lbs	6-7	0.02	59 lbs	-43 lbs
4-7	0.08	-368 lbs	-368 lbs	6-8	0.14	249 lbs	-209 lbs	2-5	0.08	-236 lbs	-236 lbs
4-5	0.14	-181 lbs	-181 lbs	2-8	0.18	-364 lbs	-364 lbs	7-8	0.07	-186 lbs	-186 lbs
								5-8	0.03	189 lbs	-91 lbs

TRUSS TQ01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.38 (6 - 7)	TL(V): 0.01 in.	L / 999	4	L / 90
BC : 0.28 (1 - 5)	LL(V): 0.01 in.	L / 999	4	L / 90
Web : 0.12 (2 - 7)	DL(V): 0 in.	L / 999	(3-6)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	4	2L / 90
	Horiz TL: 0 in.		4	
	Web :			
	Snow/Wind -0.05 in.	L / 999	4	L / 90
	Cant (Snow/Wind) -0.05 in.	L / 865	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-180 lbs	120 lbs	0 lbs	-80 lbs	-180 lbs
2	Pin		-20 lbs	340 lbs	0 lbs	-300 lbs	-20 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	Section
Bot Chd	362S162-33(33)	Purlin (96 in.)	Material
Web	362S162-33(33)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
2-9-6	5-1-14

Material Design Pass

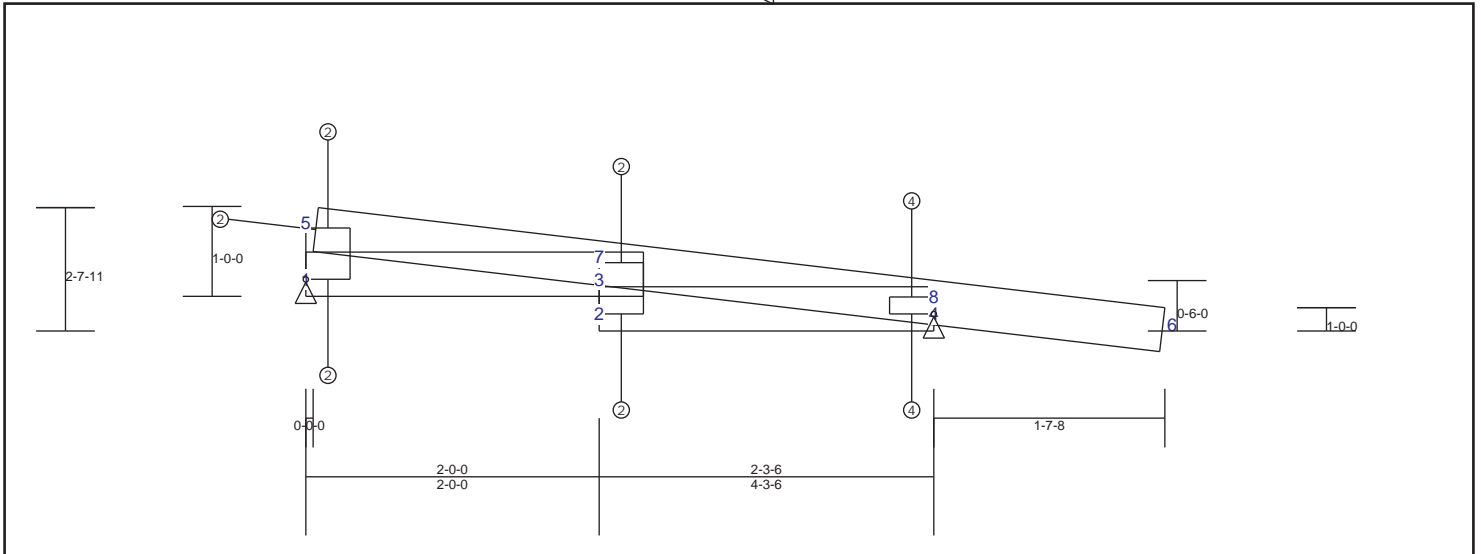
Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.24	82 lbs	-33 lbs	1-5	0.28	180 lbs	-76 lbs	1-3	0.04	-107 lbs	-107 lbs
6-7	0.38	203 lbs	-95 lbs	2-5	0.28	-22 lbs	-22 lbs	5-6	0.10	-277 lbs	-277 lbs
4-7	0.33	54 lbs	0 lbs					2-7	0.12	427 lbs	-333 lbs
								1-6	0.05	347 lbs	-147 lbs

TRUSS TQ02 (spacing 24 in)

6.00:12



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.40 (7 - 8)	TL(V): 0 in.	L / 999 (5-7)	L / 90
BC : 0.17 (1 - 3)	LL(V): 0 in.	L / 999 (5-7)	L / 90
Web : 0.21 (3 - 7)	DL(V): 0 in.	L / 999 (5-7)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: 0 in.	5	
	Web :		
	Snow/Wind -0.05 in.	L / 999 6	L / 90
	Cant (Snow/Wind) -0.05 in. / 808	6	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-350 lbs	170 lbs	0 lbs	-40 lbs	-350 lbs
4	Pin		140 lbs	-380 lbs	0 lbs	-380 lbs	140 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-1-14	5-10-14

Material Design Pass

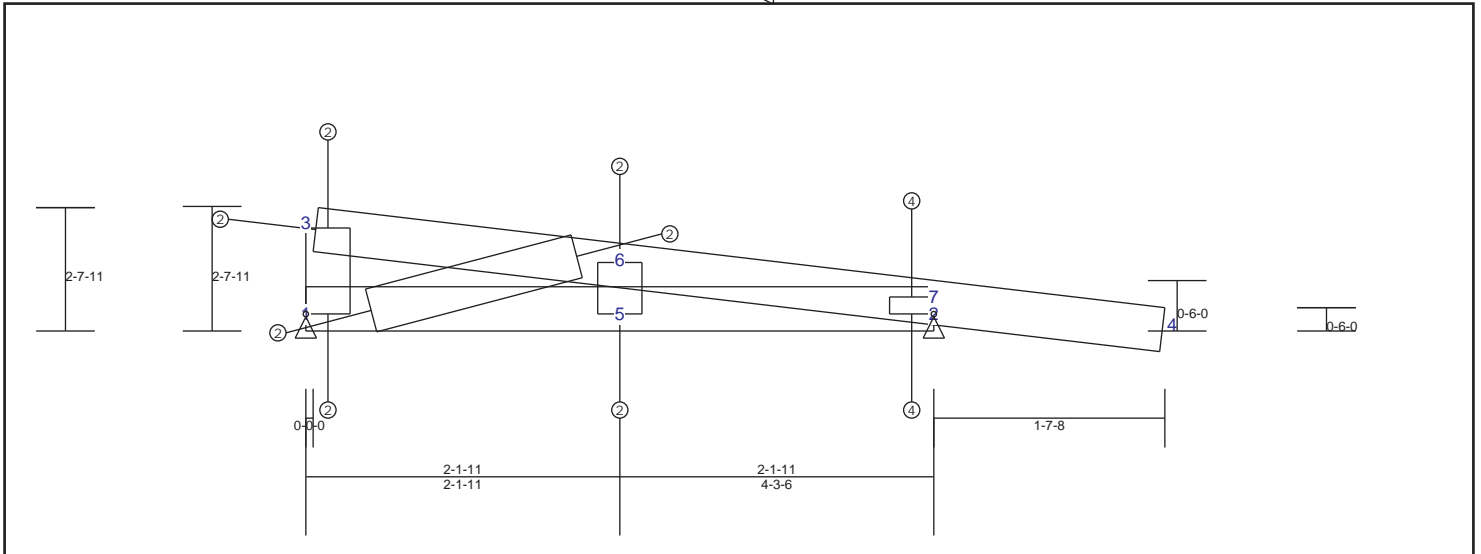
Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
5-7	0.16	41 lbs	-36 lbs	2-4	0.03	144 lbs	-12 lbs	1-5	0.05	-127 lbs	-127 lbs
7-8	0.40	192 lbs	-106 lbs	1-3	0.17	349 lbs	-110 lbs	2-3	0.13	14 lbs	0 lbs
6-8	0.35	54 lbs	0 lbs					3-7	0.21	-32 lbs	-32 lbs
								4-8	0.13	429 lbs	-357 lbs

TRUSS TQ03 (spacing 24 in)

6.00:12



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.38 (6 - 7)	TL(V): 0 in.	L / 999	(3-6)	L / 90
BC : 0.29 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 90
Web : 0.12 (2 - 7)	DL(V): 0 in.	L / 999	(3-6)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.01 in.		7	
	Web :			
	Snow/Wind -0.05 in.	L / 999	4	L / 90
	Cant (Snow/Wind) -0.05 in.	L / 794	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-210 lbs	170 lbs	0 lbs	-120 lbs	-210 lbs
2	Pin		-20 lbs	370 lbs	0 lbs	-300 lbs	-20 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-1-14	5-10-14

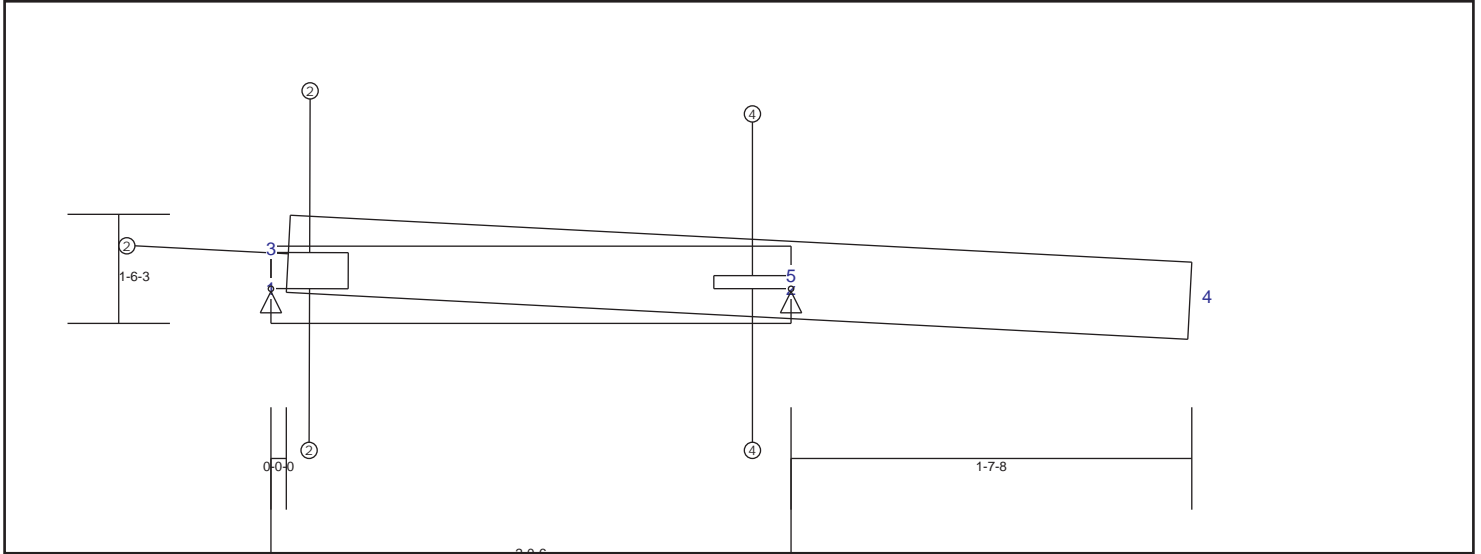
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.25	99 lbs	-43 lbs	1-5	0.29	209 lbs	-90 lbs	1-3	0.04	-111 lbs	-111 lbs
6-7	0.38	194 lbs	-98 lbs	2-5	0.29	-19 lbs	-19 lbs	5-6	0.08	-228 lbs	-228 lbs
4-7	0.33	54 lbs	0 lbs					2-7	0.12	404 lbs	-340 lbs
								1-6	0.05	342 lbs	-147 lbs

TRUSS TQ04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0-19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.37 (3 - 5)	TL(V): 0 in.	L / 999 (3-5)	L / 90
BC : 0.10 (1 - 2)	LL(V): 0 in.	L / 999 (3-5)	L / 90
Web : 0.22 (2 - 5)	DL(V): 0 in.	L / 999 (3-5)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: 0 in.	4	4
	Web :		
	Snow/Wind -0.02 in.	L / 999 4	L / 90
	Cant (Snow/Wind) -0.02 in.	L / 999 4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		80 lbs	90 lbs	0 lbs	0 lbs	80 lbs
2	Pin		-230 lbs	-350 lbs	0 lbs	-350 lbs	-230 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-6	3-7-14

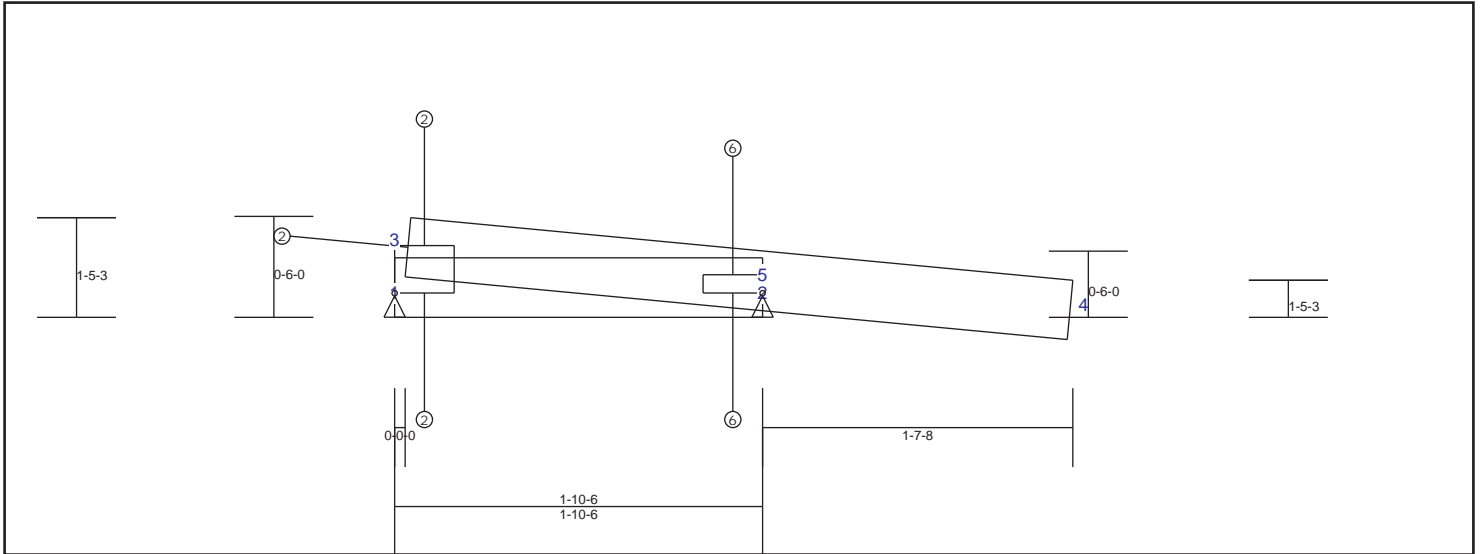
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-5 0.37 -71 lbs -71 lbs	1-2 0.10 0 lbs 0 lbs	1-3 0.08 -35 lbs -35 lbs
4-5 0.33 54 lbs 0 lbs		2-5 0.22 296 lbs -265 lbs

TRUSS TQ05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.78 (3 - 5)	TL(V): 0.01 in.	L / 999	(5-4)	L / 90
BC : 0.01 (1 - 2)	LL(V): 0.01 in.	L / 999	(5-4)	L / 90
Web : 0.14 (2 - 5)	DL(V): 0 in.	L / 999	(3-5)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	(5-4)	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	(5-4)	2L / 90
	Horiz TL: 278.92 in.		3	
	Web :			
	Snow/Wind -1624064 in.	L / 0	(5-4)	L / 90
	Cant (Snow/Wind) -1624064 in.	L / 0	(5-4)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	320 lbs	-10 lbs	-80 lbs	0 lbs
2	Pin		0 lbs	-810 lbs	-110 lbs	-810 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-11-6	3-5-14

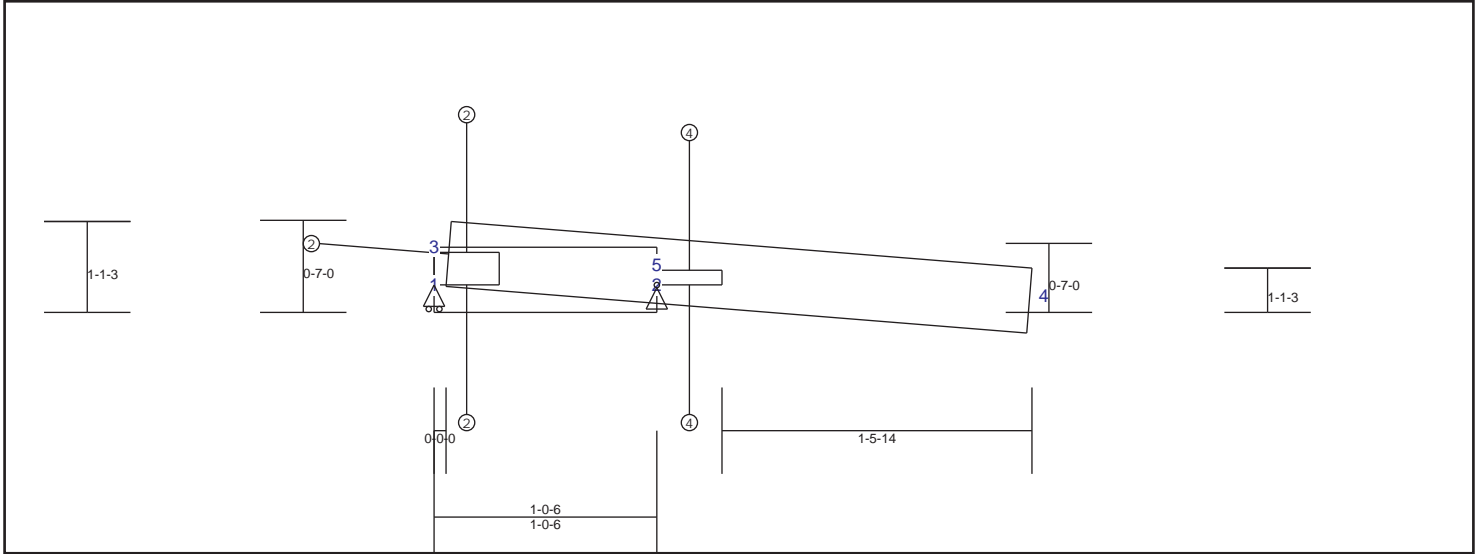
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-5 0.78 -233 lbs -233 lbs	1-2 0.01 0 lbs	1-3 0.11 -311 lbs -311 lbs
4-5 0.70 -321 lbs -321 lbs		2-5 0.14 814 lbs -386 lbs

TRUSS TQ06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI

calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.65 (5 - 4)	TL(V): 0.01 in.	L / 999	4 L / 90
BC : 0.00 (1 - 2)	LL(V): 0.01 in.	L / 999	4 L / 90
Web : 0.13 (2 - 5)	DL(V): 0 in.	L / 999	4 L / 0
	Cant / OH TL: 0.01 in.	2L / 999	4 2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	4 2L / 90
	Horiz TL: 725.54 in.		3
	Web :		
	Snow/Wind 212992 in.	L / 0	(3-5) L / 90
	Cant (Snow/Wind) 211968 in/0	(3-5)	(3-5) L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	230 lbs	-50 lbs	-120 lbs	0 lbs
2	Pin		0 lbs	-650 lbs	-100 lbs	-650 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-7-6	2-9-14

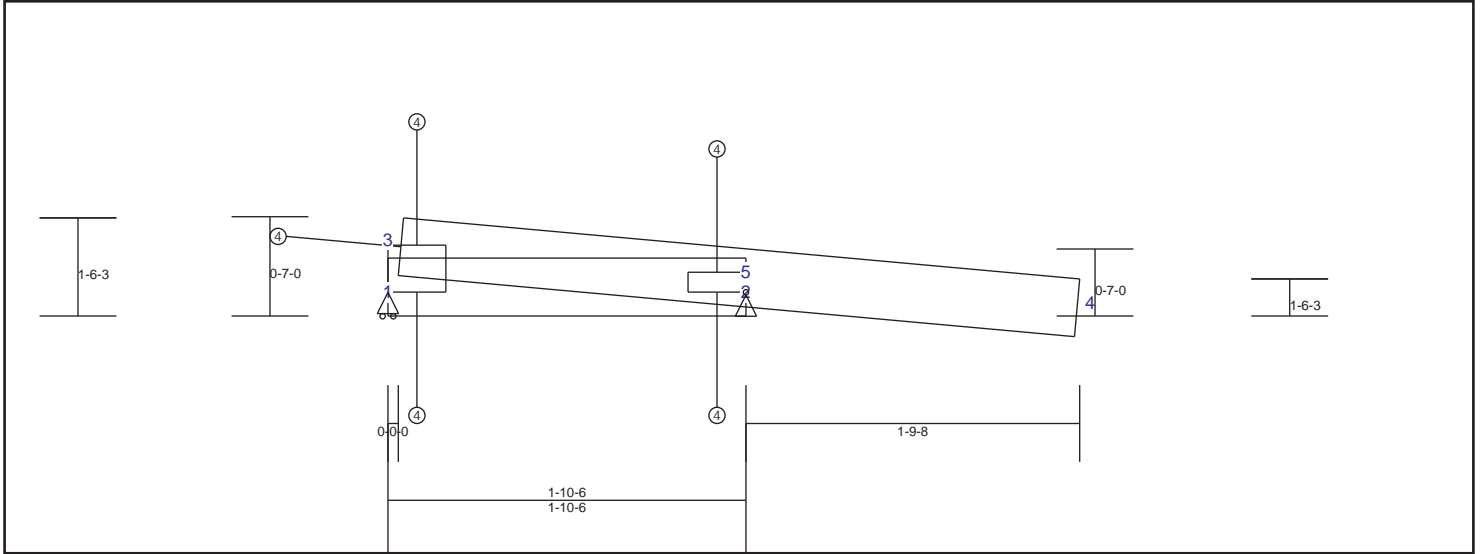
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.36	103 lbs	-80 lbs	1-2	0.00	0 lbs	0 lbs	1-3	0.08	-226 lbs	-226 lbs
4-5	0.65	-197 lbs	-197 lbs					2-5	0.13	652 lbs	-373 lbs

TRUSS TQ07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.94 (3 - 5)	TL(V): 0.02 in.	L / 999	4	L / 90
BC : 0.01 (1 - 2)	LL(V): 0.01 in.	L / 999	4	L / 90
Web : 0.23 (2 - 5)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	4	2L / 90
	Horiz TL: 429.1 in.		3	
	Web :			
	Snow/Wind 9216 in.	L / 0	(3-5)	L / 90
	Cant (Snow/Wind) -6144 inL / 0		(5-4)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-470 lbs	-250 lbs	-470 lbs	0 lbs
2	Pin		0 lbs	670 lbs	0 lbs	-190 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing	Section		
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-6	3-7-14

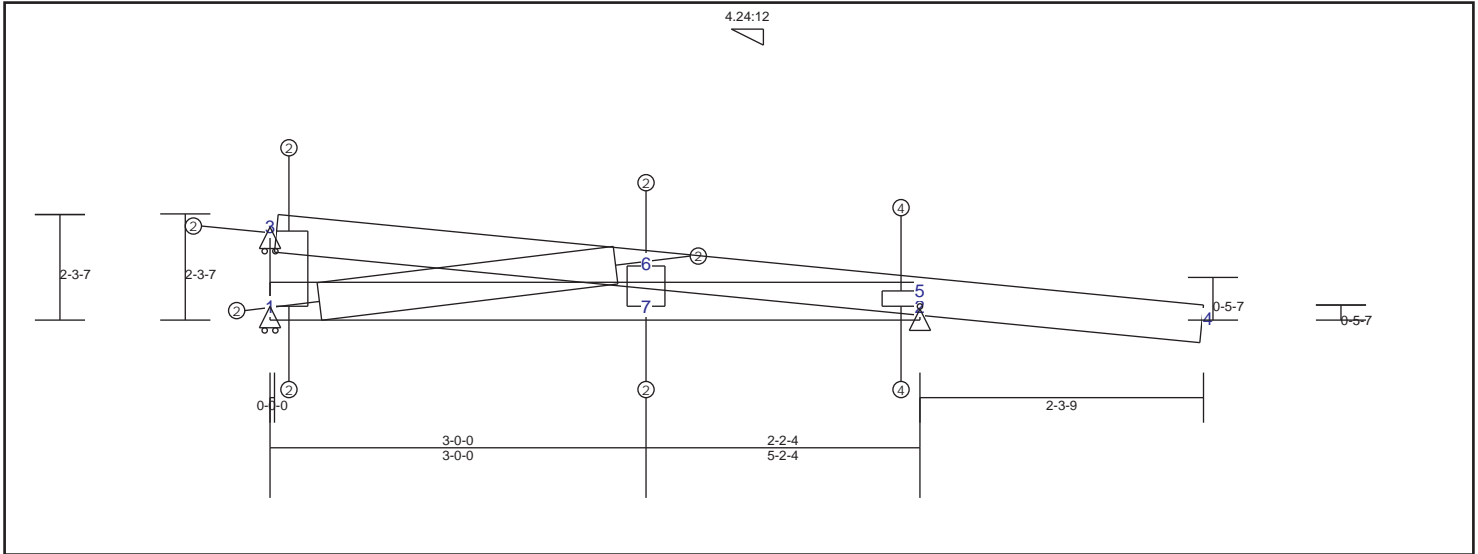
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-5 0.94 -237 lbs -237 lbs	1-2 0.01 0 lbs 0 lbs	1-3 0.07 480 lbs -197 lbs
4-5 0.62 237 lbs -228 lbs		2-5 0.23 -658 lbs -658 lbs

TRUSS TQ08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.66 (6 - 5)	TL(V): 0.03 in.	L / 999	4 L / 90
BC : 0.35 (1 - 7)	LL(V): 0.03 in.	L / 999	4 L / 90
Web : 0.16 (2 - 5)	DL(V): 0 in.	L / 999	(3-6) L / 0
	Cant / OH TL: 0.03 in.	2L / 999	4 2L / 90
	Cant / OH LL: 0.03 in.	2L / 999	4 2L / 90
	Horiz TL: -0.01 in.		4
	Web :		
	Snow/Wind -0.14 in.	L / 664	4 L / 90
	Cant (Snow/Wind) -0.14 in.	L / 418	4 L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	60 lbs	0 lbs	-40 lbs	0 lbs
2	Pin		-210 lbs	490 lbs	0 lbs	-440 lbs	-210 lbs
3	HRoll		0 lbs	140 lbs	0 lbs	-70 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-10-12	7-5-13

Material Design Pass

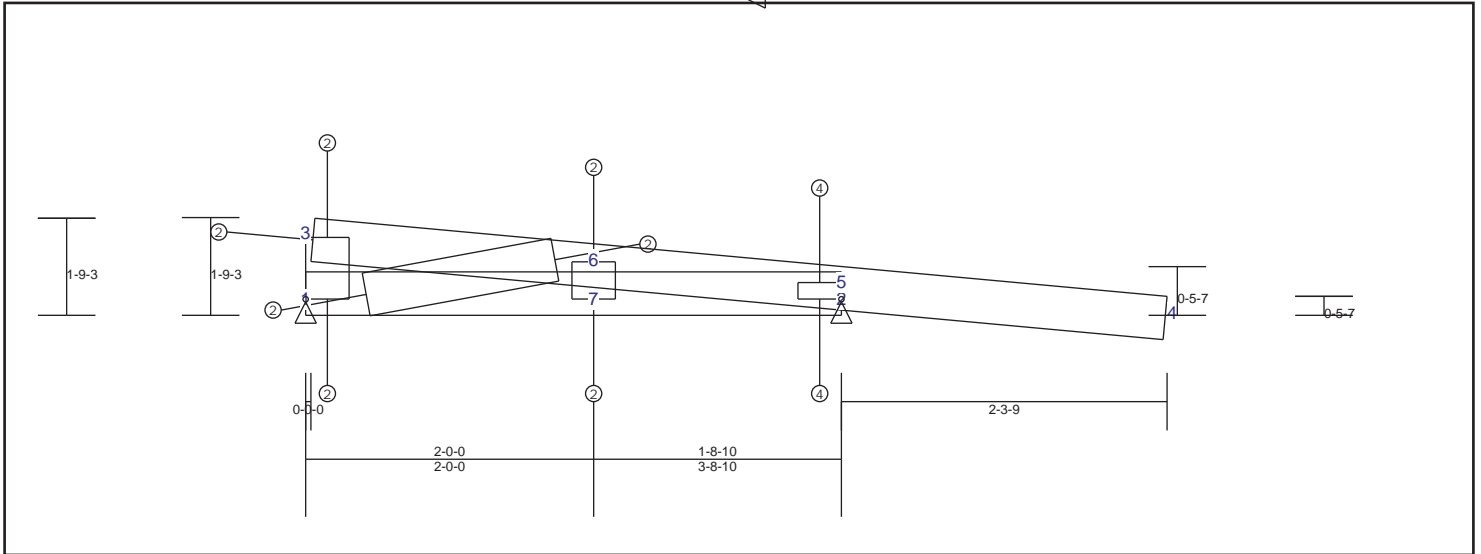
Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Member Id	CSI	Max Axial Force	Max Comp. Force	Bot Chord	Member Id	CSI	Max Axial Force	Max Comp. Force	Web	Member Id	CSI	Max Axial Force	Max Comp. Force
3-6	0.22	144 lbs	-65 lbs	-208 lbs	1-7	0.35	-208 lbs	-208 lbs	2-5	0.16	591 lbs	-453 lbs		
5-6	0.66	197 lbs	-96 lbs	-208 lbs	2-7	0.35	-208 lbs	-208 lbs	1-3	0.00	0 lbs	0 lbs		
4-5	0.59	55 lbs	0 lbs						6-7	0.06	-160 lbs	-160 lbs		
									1-6	0.04	227 lbs	-97 lbs		

TRUSS TQ09 (spacing 24 in)

4.24:12



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.67 (6 - 5)	TL(V): 0.04 in.	L / 999	4	L / 90
BC : 0.29 (1 - 7)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.16 (2 - 5)	DL(V): 0 in.	L / 999	(3-6)	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -0.01 in.		4	
	Web :			
	Snow/Wind -0.12 in.	L / 634	4	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 499	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-160 lbs	90 lbs	0 lbs	-30 lbs	-160 lbs
2	Pin		-20 lbs	-460 lbs	0 lbs	-460 lbs	-20 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-4-8	6-0-4

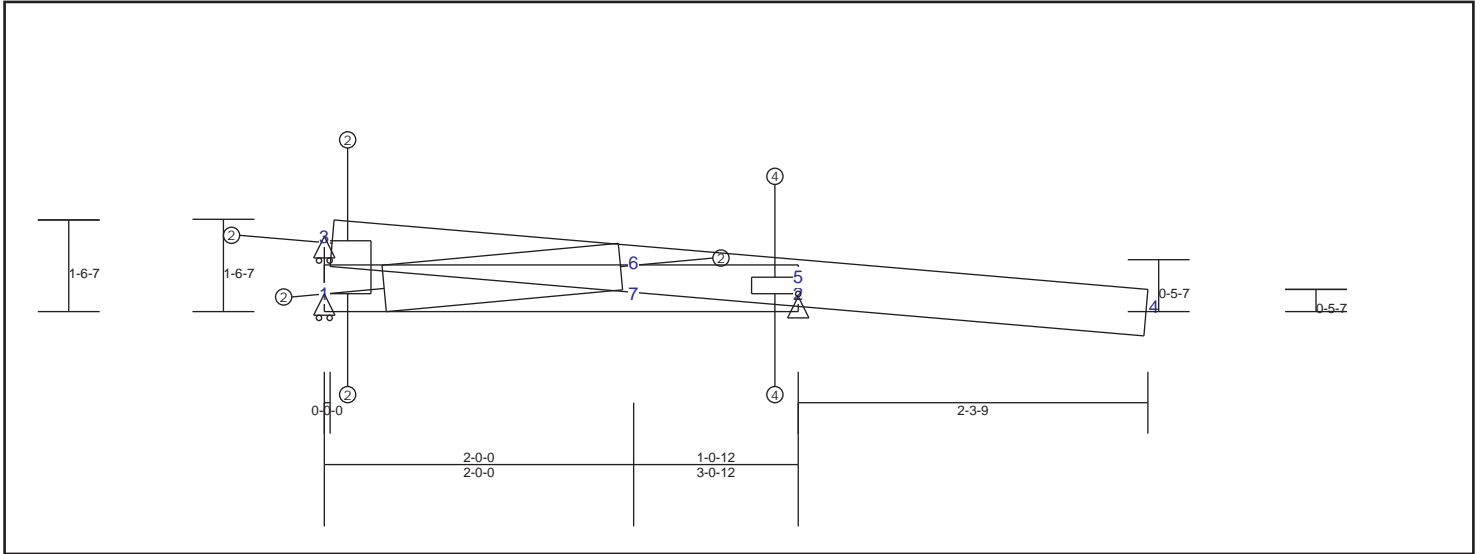
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.18	127 lbs	-51 lbs	1-7	0.29	155 lbs	-65 lbs	2-5	0.16	641 lbs	-453 lbs
5-6	0.67	214 lbs	-96 lbs	2-7	0.29	-15 lbs	-15 lbs	1-3	0.03	-84 lbs	-84 lbs
4-5	0.59	55 lbs	0 lbs					6-7	0.09	-259 lbs	-259 lbs
								1-6	0.03	209 lbs	-87 lbs

TRUSS TQ10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.66 (6 - 5)	TL(V): 0.05 in.	L / 999	4	L / 90
BC : 0.09 (1 - 2)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.15 (2 - 5)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -0.02 in.		4	
	Web :			
	Snow/Wind -0.13 in.	L / 509	4	L / 90
	Cant (Snow/Wind) -0.13 in.L / 451		4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	-40 lbs	-10 lbs	-40 lbs	0 lbs
2	Pin		-160 lbs	-480 lbs	0 lbs	-480 lbs	-160 lbs
3	HRoll		0 lbs	150 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-33(33)	Sheathing	
Bot Chd	362S162-33(33)	Purlin (96 in.)	
Web	362S162-33(33)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-1-12	5-4-6

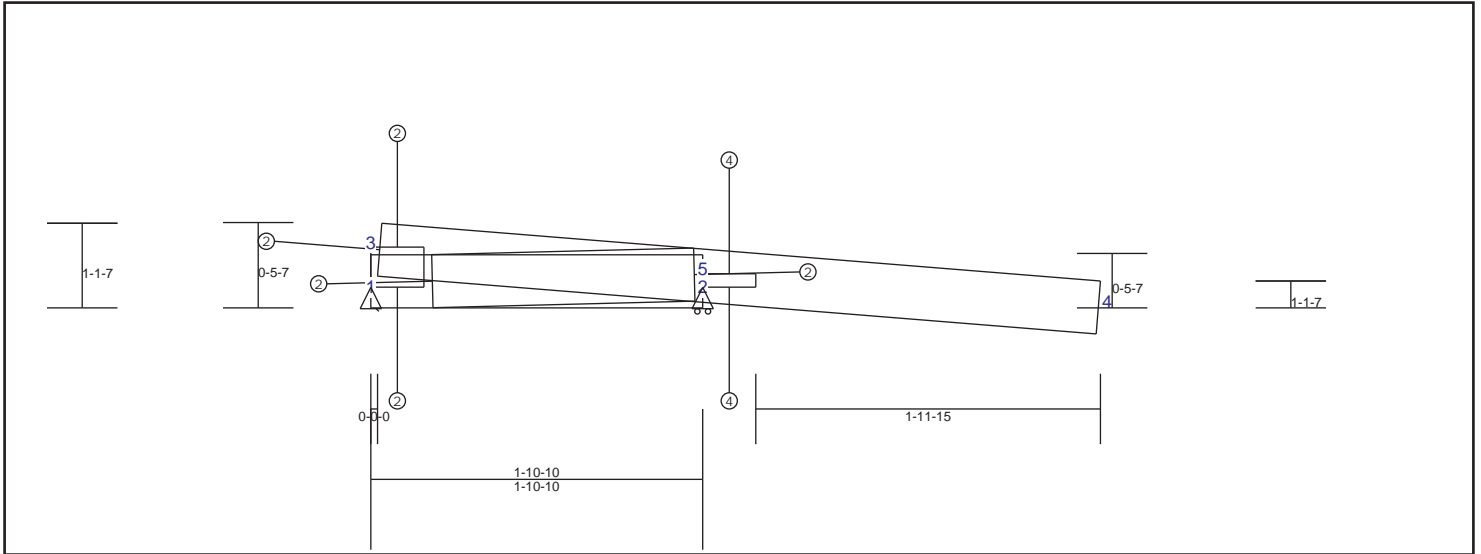
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-6 0.46 174 lbs -82 lbs	1-2 0.09 -157 lbs	2-5 0.15 523 lbs -413 lbs
5-6 0.66 174 lbs -82 lbs		1-3 0.00 0 lbs 0 lbs
4-5 0.59 55 lbs 0 lbs		1-6 0.02 169 lbs -67 lbs

TRUSS TQ11 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.29 (5 - 4)	TL(V): 0.02 in.	L / 999	4	L / 90
BC : 0.03 (1 - 2)	LL(V): 0.02 in.	L / 999	4	L / 90
Web : 0.13 (2 - 5)	DL(V): 0 in.	L / 999	(3-5)	L / 0
	Cant / OH TL: 0.02 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.02 in.	2L / 999	4	2L / 90
	Horiz TL: -0.01 in.		4	
	Web :			
	Snow/Wind -0.03 in.	L / 999	4	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-140 lbs	-50 lbs	-30 lbs	-50 lbs	-140 lbs
2	HRoll		0 lbs	370 lbs	0 lbs	-310 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-8-12	4-2-3

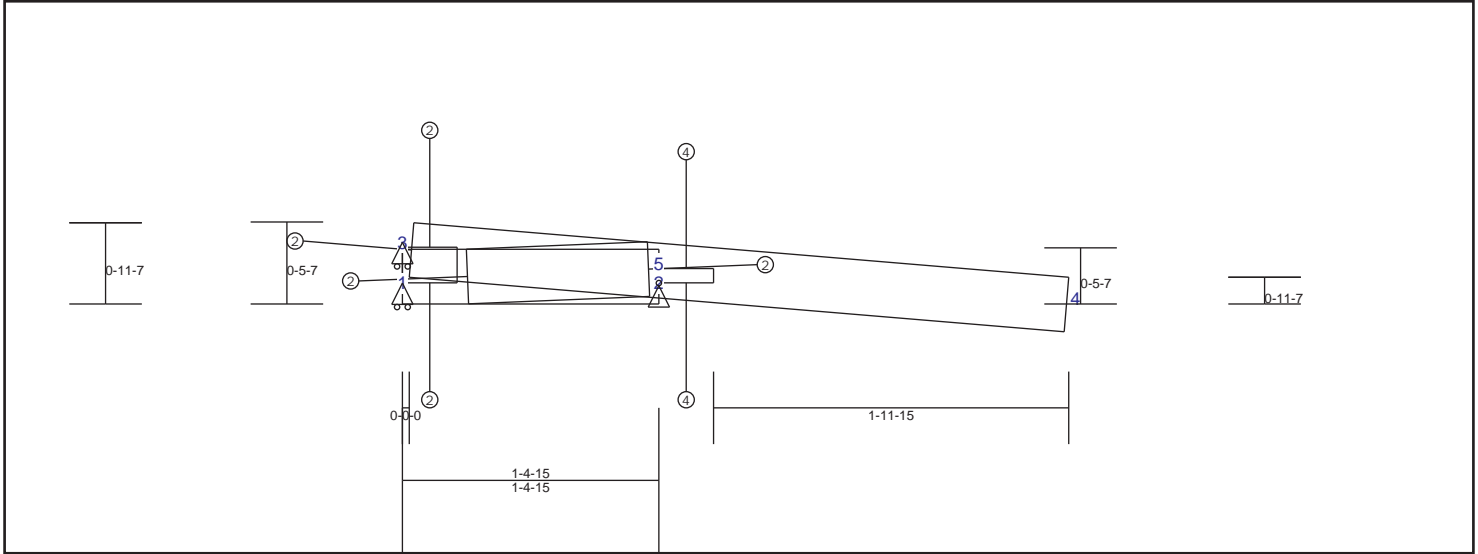
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Bot Chord	Web
3-5 0.24 116 lbs -73 lbs	1-2 0.03 142 lbs -49 lbs	2-5 0.13 -365 lbs
4-5 0.29 116 lbs -73 lbs		1-3 0.01 44 lbs 0 lbs
		1-5 0.02 143 lbs -49 lbs

TRUSS TQ12 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.29 (5 - 4)	TL(V): 0.02 in.	L / 999	4 L / 90
BC : 0.06 (1 - 2)	LL(V): 0.02 in.	L / 999	4 L / 90
Web : 0.13 (2 - 5)	DL(V): 0 in.	L / 999	(3-5) L / 0
	Cant / OH TL: 0.02 in.	2L / 999	4 2L / 90
	Cant / OH LL: 0.02 in.	2L / 999	4 2L / 90
	Horiz TL: -0.01 in.		4
	Web :		
	Snow/Wind -0.03 in.	L / 999	4 L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	4 L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	10 lbs	0 lbs	-10 lbs	0 lbs
2	Pin		-120 lbs	390 lbs	0 lbs	-310 lbs	-120 lbs
3	HRoll		0 lbs	-80 lbs	-60 lbs	-80 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-6-12	3-8-9

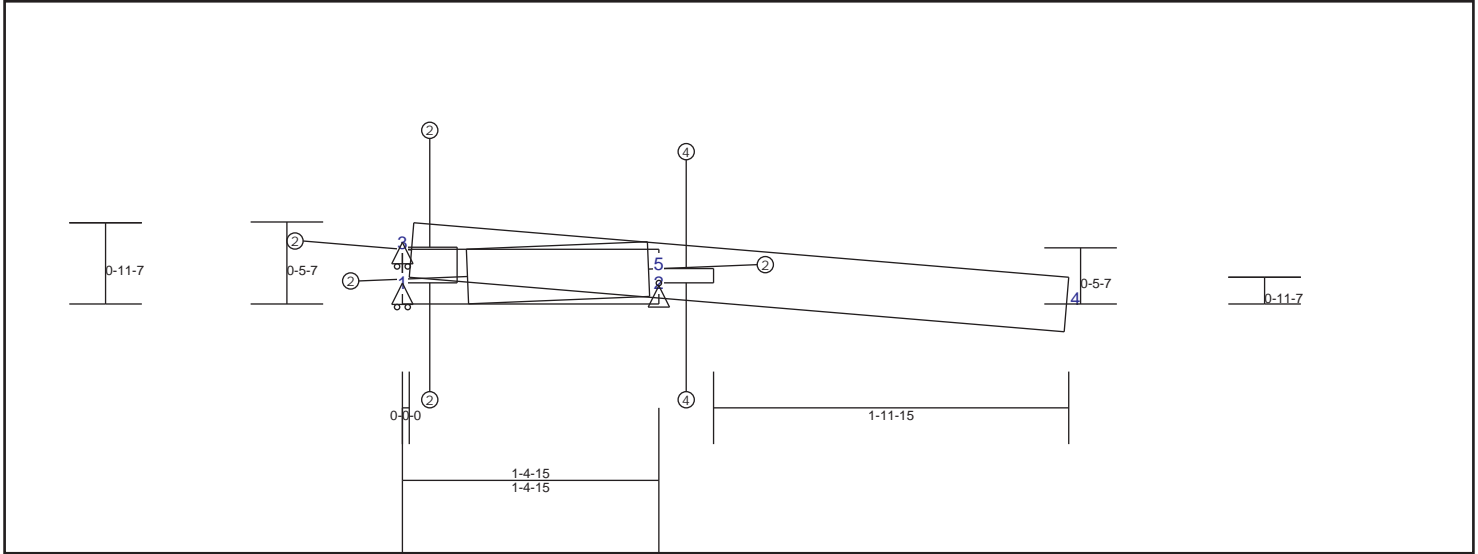
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.24	117 lbs	-78 lbs	1-2	0.06	-119 lbs	-119 lbs	2-5	0.13	-381 lbs	-381 lbs
4-5	0.29	117 lbs	-78 lbs					1-3	0.00	0 lbs	0 lbs
								1-5	0.02	121 lbs	-44 lbs

TRUSS TQ13 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.29 (5 - 4)	TL(V): 0.02 in.	L / 999	4 L / 90
BC : 0.06 (1 - 2)	LL(V): 0.02 in.	L / 999	4 L / 90
Web : 0.13 (2 - 5)	DL(V): 0 in.	L / 999	(3-5) L / 0
	Cant / OH TL: 0.02 in.	2L / 999	4 2L / 90
	Cant / OH LL: 0.02 in.	2L / 999	4 2L / 90
	Horiz TL: -0.01 in.		4
	Web :		
	Snow/Wind -0.03 in.	L / 999	4 L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	4 L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	10 lbs	0 lbs	-10 lbs	0 lbs
2	Pin		-120 lbs	390 lbs	0 lbs	-310 lbs	-120 lbs
3	HRoll		0 lbs	-80 lbs	-60 lbs	-80 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-6-12	3-8-9

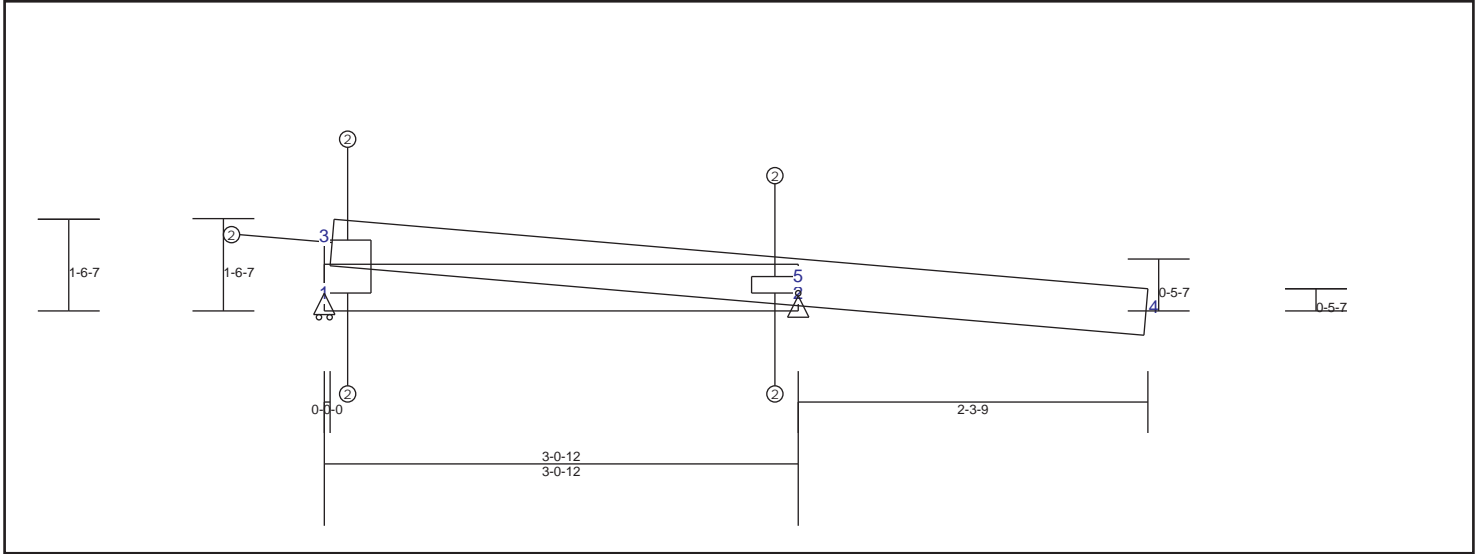
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.24	117 lbs	-78 lbs	1-2	0.06	-119 lbs	-119 lbs	2-5	0.13	-381 lbs	-381 lbs
4-5	0.29	117 lbs	-78 lbs					1-3	0.00	0 lbs	0 lbs
								1-5	0.02	121 lbs	-44 lbs

TRUSS TQ14 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.64 (3 - 5)	TL(V): 0.05 in.	L / 999	4	L / 90
BC : 0.02 (1 - 2)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.04 (1 - 3)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -0.01 in.		4	
	Web :			
	Snow/Wind -0.12 in.	L / 554	4	L / 90
	Cant (Snow/Wind) -0.12 in.	L / 491	4	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	120 lbs	0 lbs	0 lbs	0 lbs
2	Pin		0 lbs	20 lbs	0 lbs	0 lbs	0 lbs
5	Pin		-160 lbs	-500 lbs	0 lbs	-500 lbs	-160 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-1-12	5-4-6

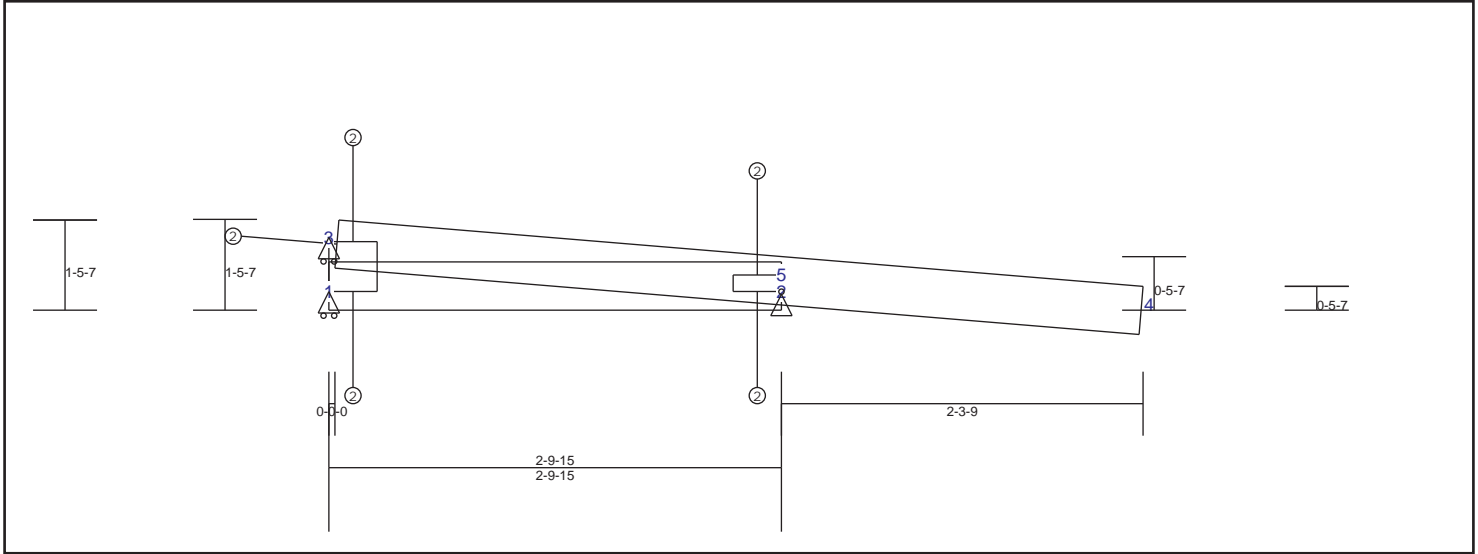
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Member Id	CSI	Max Axial Force	Max Comp. Force	Bot Chord	Member Id	CSI	Max Axial Force	Max Comp. Force
3-5	0.64	-56 lbs	-56 lbs	0 lbs	1-2	0.02	0 lbs	0 lbs	0 lbs
4-5	0.59	55 lbs	0 lbs	0 lbs	1-3	0.04	-103 lbs	-103 lbs	0 lbs

TRUSS TQ15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.38 (5 - 4)	TL(V): 0.05 in.	L / 999	4	L / 90
BC : 0.01 (1 - 2)	LL(V): 0.04 in.	L / 999	4	L / 90
Web : 0.05 (2 - 5)	DL(V): 0.01 in.	L / 999	(5-4)	L / 0
	Cant / OH TL: 0.04 in.	2L / 999	4	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999	4	2L / 90
	Horiz TL: -87.15 in.		4	
	Web :			
	Snow/Wind -2130432 in.	L / 0	(5-4)	L / 90
	Cant (Snow/Wind) -2130432 in0		(5-4)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	20 lbs	0 lbs	0 lbs	0 lbs
2	Pin		0 lbs	370 lbs	0 lbs	-190 lbs	0 lbs
3	HRoll		0 lbs	-140 lbs	-70 lbs	-140 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-12	5-1-8

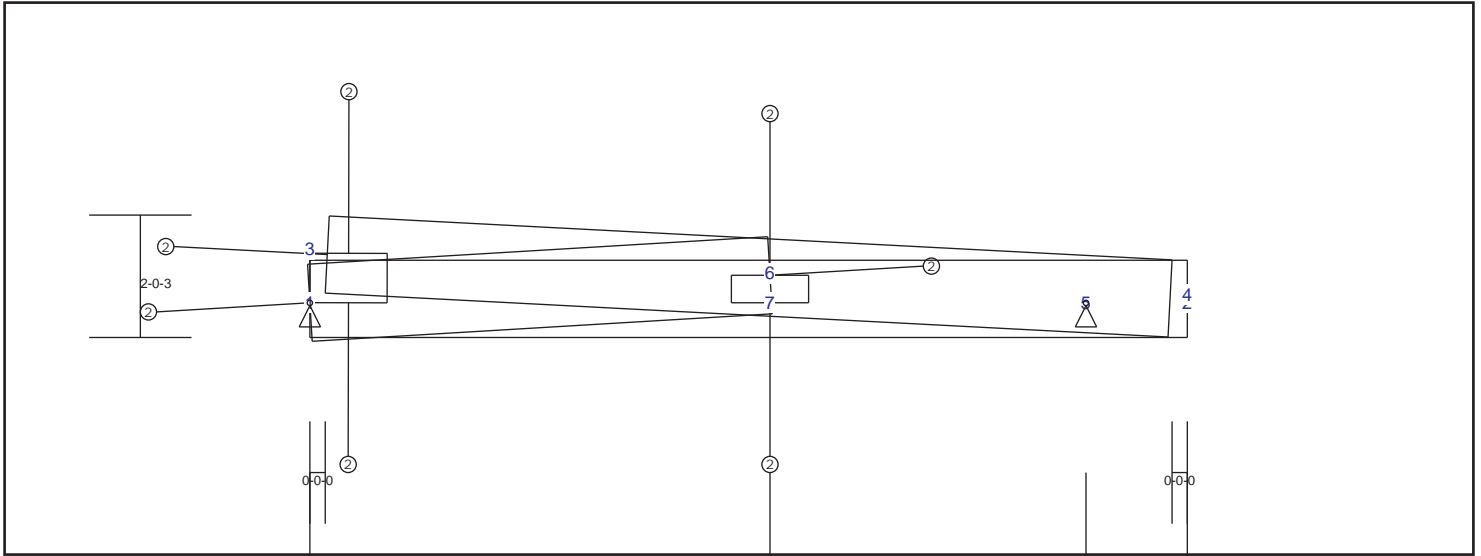
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-5	0.14	-101 lbs	-101 lbs	1-2	0.01	0 lbs	0 lbs	2-5	0.05	-354 lbs	-354 lbs
4-5	0.38	688 lbs	-544 lbs					1-3	0.00	0 lbs	0 lbs

TRUSS TQ16 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI

Max CSI Summary
 TC : 0.06 (6 - 4)
 BC : 0.11 (1 - 7)
 Web : 0.05 (1 - 6)

Deflection	L /	(Loc)	Max. Allowed
TL(V): 0 in.	L / 999	(3-6)	L / 90
LL(V): 0 in.	L / 999	(3-6)	L / 90
DL(V): 0 in.	L / 999	(3-6)	L / 0
Cant / OH TL: 0 in.	2L / 999	0	2L / 0
Cant / OH LL: 0 in.	2L / 999	0	2L / 0
Horiz TL: 0 in.		3	
Web :			
Snow/Wind 0 in.	L / 999	(3-6)	L / 90
Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	30 lbs	30 lbs	100 lbs	0 lbs	0 lbs	30 lbs

Materials			Material Exceptions		
Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions
 Max Height Max Width
 2-0-14 3-6-1

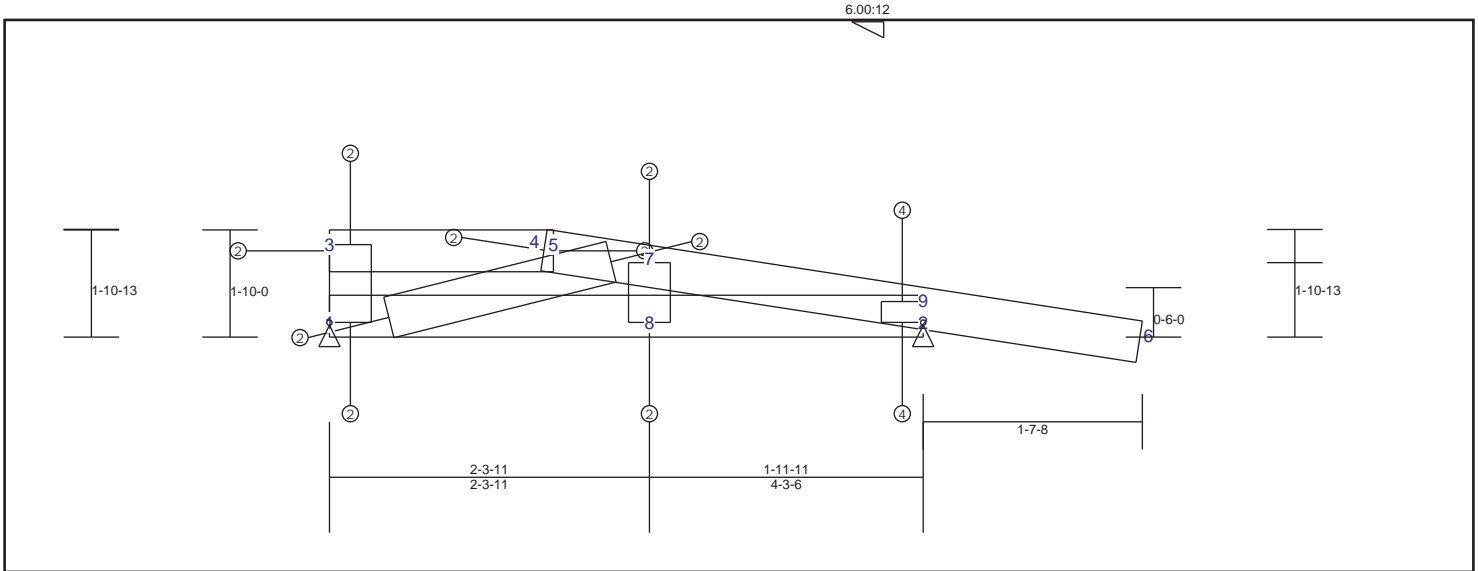
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-6	0.05	-94 lbs	-94 lbs	1-7	0.11	-2 lbs	-2 lbs	1-3	0.02	-59 lbs	-59 lbs
4-6	0.06	-127 lbs	-127 lbs	5-7	0.09	82 lbs	-3 lbs	6-7	0.01	-36 lbs	-36 lbs
				4-5	0.09	82 lbs	-3 lbs	1-6	0.05	-126 lbs	-126 lbs

TRUSS TQ17 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / 999	(Loc)	Max. Allowed
TC : 0.38 (7 - 9)	TL(V): 0 in.	L / 999	(3-5)	L / 90
BC : 0.23 (1 - 8)	LL(V): 0 in.	L / 999	(3-5)	L / 90
Web : 0.12 (2 - 9)	DL(V): 0 in.	L / 999	(3-5)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		9	
	Web :			
	Snow/Wind -0.05 in.	L / 999	6	L / 90
	Cant (Snow/Wind) -0.05 in. L / 820		6	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-160 lbs	160 lbs	0 lbs	-60 lbs	-160 lbs
2	Pin		-10 lbs	370 lbs	0 lbs	-320 lbs	-10 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-33(33)	Sheathing			
Bot Chd	362S162-33(33)	Purlin (96 in.)			
Web	362S162-33(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-5-0	5-10-14

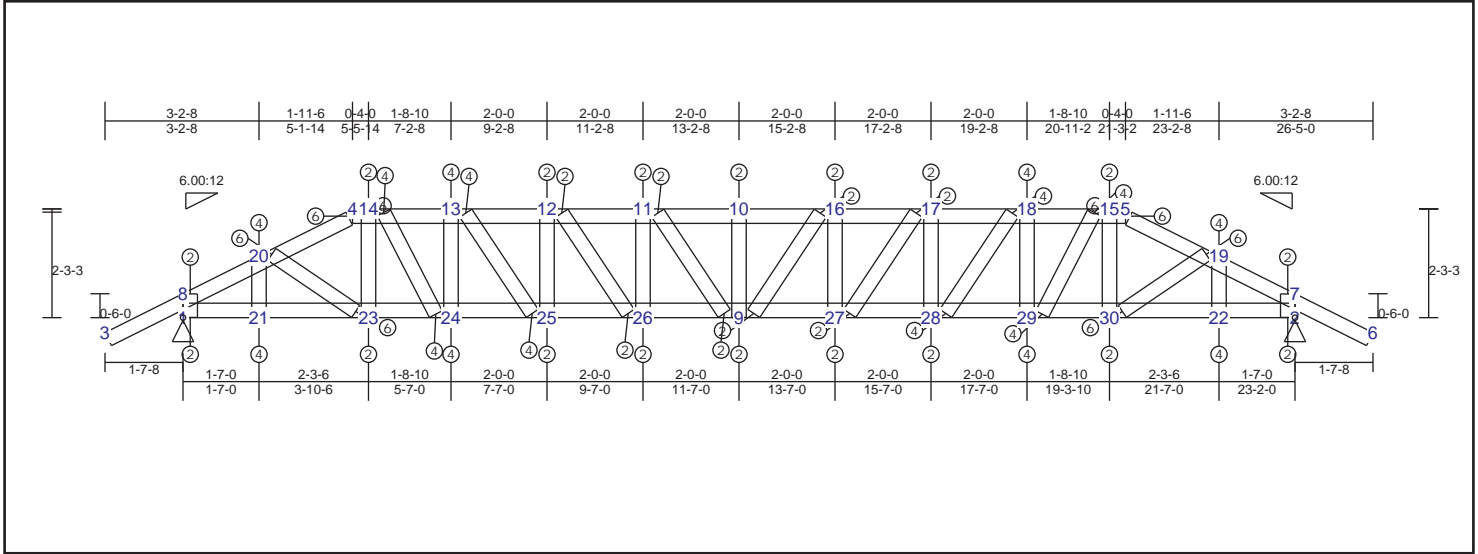
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web			
3-5	0.12	0 lbs	1-8	0.23	163 lbs	1-3	0.04	-105 lbs	-105 lbs
5-7	0.18	128 lbs	2-8	0.23	-14 lbs	7-8	0.06	-165 lbs	-165 lbs
7-9	0.38	197 lbs				2-9	0.12	411 lbs	-341 lbs
6-9	0.33	54 lbs				1-7	0.03	228 lbs	-95 lbs

TRUSS TS01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary		Deflection		L/	(Loc)	Max. Allowed
TC :	0.62 (5 - 19)	TL(V):	0.15 in.	L / 999	(11-10)	L / 90
BC :	0.95 (1 - 21)	LL(V):	0.1 in.	L / 999	(11-10)	L / 90
Web :	0.19 (20 - 23)	DL(V):	0.05 in.	L / 999	(11-10)	L / 0
		Cant / OH TL:	-0.05 in.	2L / 781	3	2L / 90
		Cant / OH LL:	-0.05 in.	2L / 781	3	2L / 90
		Horiz TL:	0.05 in.		6	
		Web :				
		Snow/Wind:	-0.11 in.	L / 999	(11-10)	L / 90
		Cant (Snow/Wind):	0.05 in.	L / 884	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1700 lbs	1260 lbs	0 lbs	-780 lbs	1700 lbs
2	Pin		-1700 lbs	1260 lbs	0 lbs	-770 lbs	-1700 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-10-3	26-5-0

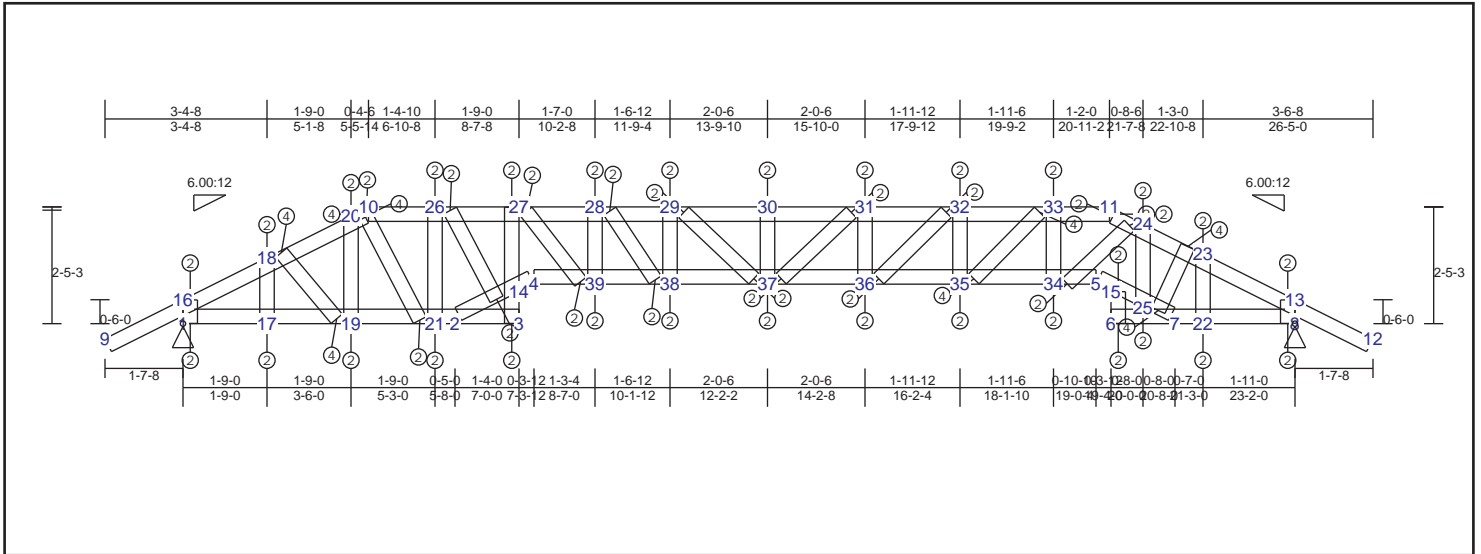
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-14	0.16	-1678 lbs	-1678 lbs	1-21	0.95	-1704 lbs	-1704 lbs	1-8	0.09	-654 lbs	-654 lbs
13-14	0.33	-2216 lbs	-2216 lbs	21-23	0.95	-1704 lbs	-1704 lbs	9-10	0.03	-176 lbs	-176 lbs
12-13	0.28	-2737 lbs	-2737 lbs	23-24	0.23	468 lbs	-325 lbs	2-7	0.09	681 lbs	-654 lbs
11-12	0.28	-3020 lbs	-3020 lbs	24-25	0.24	989 lbs	-703 lbs	16-27	0.05	-345 lbs	-345 lbs
10-11	0.28	-3107 lbs	-3107 lbs	25-26	0.30	1272 lbs	-903 lbs	17-28	0.10	-649 lbs	-649 lbs
10-16	0.28	-3107 lbs	-3107 lbs	9-26	0.31	1359 lbs	-955 lbs	18-29	0.18	-1167 lbs	-1167 lbs
16-17	0.28	-3020 lbs	-3020 lbs	9-27	0.31	1359 lbs	-955 lbs	15-30	0.09	-617 lbs	-617 lbs
17-18	0.28	-2737 lbs	-2737 lbs	27-28	0.29	1272 lbs	-879 lbs	19-22	0.16	-1101 lbs	-1101 lbs
15-18	0.33	-2216 lbs	-2216 lbs	28-29	0.23	989 lbs	-656 lbs	20-21	0.16	-1101 lbs	-1101 lbs
5-15	0.16	-1678 lbs	-1678 lbs	29-30	0.23	468 lbs	-253 lbs	14-23	0.09	-617 lbs	-617 lbs
5-19	0.62	-1642 lbs	-1642 lbs	22-30	0.91	-1704 lbs	-1704 lbs	13-24	0.18	-1167 lbs	-1167 lbs
7-19	0.39	-687 lbs	-687 lbs	2-22	0.91	-1704 lbs	-1704 lbs	12-25	0.10	-649 lbs	-649 lbs
6-7	0.14	54 lbs	0 lbs					11-26	0.05	-345 lbs	-345 lbs
3-8	0.14	54 lbs	0 lbs					9-11	0.02	157 lbs	-95 lbs
8-20	0.39	-687 lbs	-687 lbs					9-16	0.03	157 lbs	-138 lbs
4-20	0.62	-1642 lbs	-1642 lbs					17-27	0.08	512 lbs	-405 lbs
								18-28	0.14	942 lbs	-730 lbs
								15-29	0.16	1179 lbs	-947 lbs
								19-30	0.18	1975 lbs	-1151 lbs
								14-24	0.15	1179 lbs	-883 lbs
								13-25	0.13	942 lbs	-685 lbs
								12-26	0.07	512 lbs	-361 lbs
								20-23	0.19	1975 lbs	-1254 lbs

TRUSS TS02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.41 (18 - 20)	TL(V): 0.11 in.	L / 999	(38-37)	L / 90
BC : 0.71 (1 - 17)	LL(V): 0.07 in.	L / 999	(38-37)	L / 90
Web : 0.12 (18 - 19)	DL(V): 0.04 in.	L / 999	(29-30)	L / 0
	Cant / OH TL: 0.07 in.	2L / 999	(38-37)	2L / 90
	Cant / OH LL: 0.07 in.	2L / 999	(38-37)	2L / 90
	Horiz TL: 0.04 in.		12	
	Web :			
	Snow/Wind -0.07 in.	L / 999	(29-30)	L / 90
	Cant (Snow/Wind) -0.07 in.	L / 999	(29-30)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1450 lbs	740 lbs	0 lbs	-450 lbs	1450 lbs
8	Pin		-1450 lbs	740 lbs	0 lbs	-440 lbs	-1450 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-0-3	26-5-0

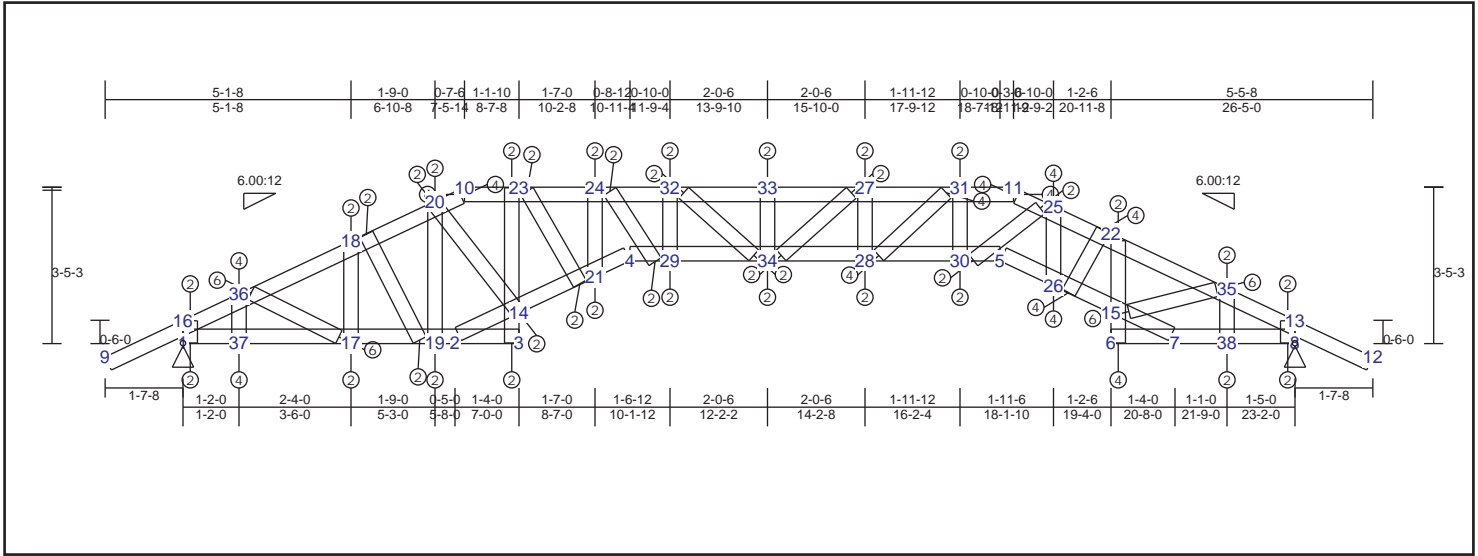
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
10-26	0.10	-1184 lbs	-1184 lbs	1-17	0.71	-1448 lbs	-1448 lbs	1-16	0.05	-370 lbs	-370 lbs
26-27	0.14	-1416 lbs	-1416 lbs	17-19	0.71	-1448 lbs	-1448 lbs	17-18	0.12	-810 lbs	-810 lbs
27-28	0.15	-1641 lbs	-1641 lbs	19-21	0.24	-601 lbs	-601 lbs	19-20	0.11	-722 lbs	-722 lbs
28-29	0.16	-1791 lbs	-1791 lbs	2-21	0.11	-292 lbs	-292 lbs	22-23	0.05	-362 lbs	-362 lbs
29-30	0.16	-1806 lbs	-1806 lbs	2-3	0.05	-101 lbs	-101 lbs	8-13	0.06	-436 lbs	-436 lbs
30-31	0.17	-1806 lbs	-1806 lbs	6-7	0.25	0 lbs	0 lbs	6-15	0.04	412 lbs	-242 lbs
31-32	0.15	-1691 lbs	-1691 lbs	7-22	0.69	-1448 lbs	-1448 lbs	24-25	0.12	-777 lbs	-777 lbs
32-33	0.21	-1396 lbs	-1396 lbs	8-22	0.69	-1448 lbs	-1448 lbs	33-34	0.08	-534 lbs	-534 lbs
11-33	0.11	-748 lbs	-748 lbs	5-15	0.33	-945 lbs	-945 lbs	32-35	0.08	-532 lbs	-532 lbs
9-16	0.08	32 lbs	0 lbs	15-25	0.50	-1480 lbs	-1480 lbs	31-36	0.03	-227 lbs	-227 lbs
16-18	0.25	-467 lbs	-467 lbs	7-25	0.50	-1480 lbs	-1480 lbs	30-37	0.01	-92 lbs	-92 lbs
18-20	0.41	-1065 lbs	-1065 lbs	2-14	0.07	-219 lbs	-219 lbs	29-38	0.02	-141 lbs	-141 lbs
10-20	0.10	-1070 lbs	-1070 lbs	4-14	0.02	62 lbs	-45 lbs	28-39	0.05	-324 lbs	-324 lbs
11-24	0.12	-705 lbs	-705 lbs	4-39	0.06	-168 lbs	-168 lbs	3-14	0.06	-292 lbs	-292 lbs
23-24	0.38	-583 lbs	-583 lbs	38-39	0.08	315 lbs	-271 lbs	14-27	0.07	-412 lbs	-412 lbs
13-23	0.28	-294 lbs	-294 lbs	37-38	0.04	330 lbs	-272 lbs	21-26	0.06	-338 lbs	-338 lbs
12-13	0.08	32 lbs	0 lbs	36-37	0.09	330 lbs	-272 lbs	18-19	0.12	1318 lbs	-813 lbs
				35-36	0.10	215 lbs	-175 lbs	29-37	0.00	-26 lbs	-26 lbs
				34-35	0.32	-728 lbs	-728 lbs	31-37	0.02	157 lbs	-133 lbs
				5-34	0.32	-996 lbs	-996 lbs	32-36	0.05	415 lbs	-321 lbs
								33-35	0.11	922 lbs	-737 lbs
								24-34	0.03	368 lbs	-220 lbs
								23-25	0.07	1085 lbs	-478 lbs
								20-21	0.09	671 lbs	-475 lbs
								14-27	0.04	385 lbs	-292 lbs

TRUSS TS03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.56 (22 - 35)	TL(V): 0.11 in.	L / 999 (32-33)	L / 90
BC : 0.90 (1 - 37)	LL(V): 0.07 in.	L / 999 (32-33)	L / 90
Web : 0.25 (15 - 22)	DL(V): 0.04 in.	L / 999 (32-33)	L / 0
	Cant / OH TL: 0.07 in.	2L / 683 (32-33)	2L / 90
	Cant / OH LL: 0.07 in.	2L / 683 (32-33)	2L / 90
	Horiz TL: 0.05 in.	12	
	Web :		
	Snow/Wind -0.07 in.	L / 999 (32-33)	L / 90
	Cant (Snow/Wind) -0.07 in.L / 538	(32-33)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1870 lbs	1280 lbs	0 lbs	-750 lbs	1870 lbs
8	Pin		-1870 lbs	1280 lbs	0 lbs	-710 lbs	-1870 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
4-0-3	26-5-0

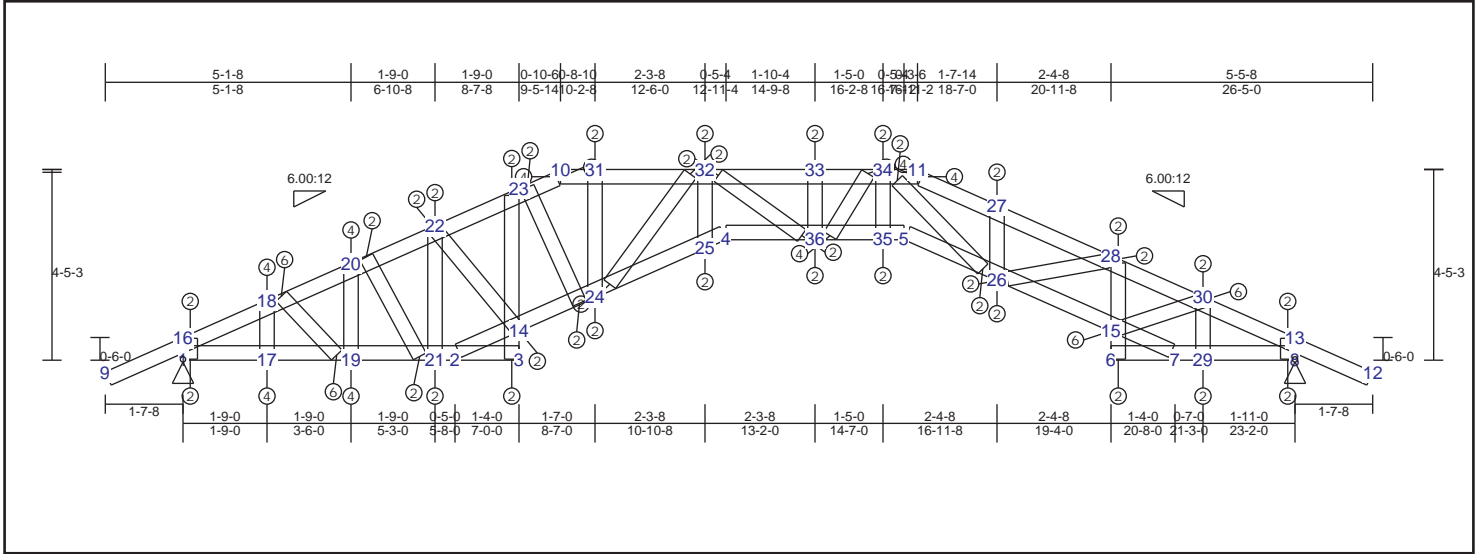
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
10-23	0.20	-1583 lbs	-1583 lbs	2-14	0.14	-469 lbs	-469 lbs	1-16	0.09	627 lbs	-621 lbs
23-24	0.25	-1801 lbs	-1801 lbs	14-21	0.16	-394 lbs	-394 lbs	17-18	0.07	-460 lbs	-460 lbs
24-32	0.19	-2059 lbs	-2059 lbs	4-21	0.18	-371 lbs	-371 lbs	19-20	0.12	685 lbs	-482 lbs
32-33	0.19	-2079 lbs	-2079 lbs	5-26	0.32	-956 lbs	-956 lbs	6-15	0.15	550 lbs	-281 lbs
27-33	0.19	-2079 lbs	-2079 lbs	15-26	0.27	596 lbs	-538 lbs	15-22	0.25	550 lbs	-281 lbs
27-31	0.33	-1886 lbs	-1886 lbs	7-15	0.45	-1350 lbs	-1350 lbs	8-13	0.11	-761 lbs	-761 lbs
11-31	0.16	-983 lbs	-983 lbs	1-37	0.90	-1872 lbs	-1872 lbs	14-20	0.04	174 lbs	-113 lbs
11-25	0.21	-1053 lbs	-1053 lbs	17-37	0.90	-1872 lbs	-1872 lbs	21-24	0.10	-695 lbs	-695 lbs
22-25	0.26	-1533 lbs	-1533 lbs	17-19	0.16	-459 lbs	-459 lbs	3-14	0.01	15 lbs	-9 lbs
22-35	0.56	-1764 lbs	-1764 lbs	2-19	0.15	-459 lbs	-459 lbs	14-23	0.06	-177 lbs	-177 lbs
13-35	0.37	-466 lbs	-466 lbs	2-3	0.02	-46 lbs	-46 lbs	25-26	0.08	940 lbs	-532 lbs
12-13	0.14	54 lbs	0 lbs	6-7	0.46	-632 lbs	-632 lbs	27-28	0.10	-643 lbs	-643 lbs
9-16	0.14	54 lbs	0 lbs	7-38	0.86	-1872 lbs	-1872 lbs	29-32	0.04	-251 lbs	-251 lbs
16-36	0.30	-637 lbs	-637 lbs	8-38	0.86	-1872 lbs	-1872 lbs	30-31	0.09	-626 lbs	-626 lbs
18-36	0.50	-1840 lbs	-1840 lbs	4-29	0.06	189 lbs	-135 lbs	33-34	0.02	-126 lbs	-126 lbs
18-20	0.32	-1840 lbs	-1840 lbs	29-34	0.06	160 lbs	-127 lbs	36-37	0.15	-993 lbs	-993 lbs
10-20	0.27	-1505 lbs	-1505 lbs	28-34	0.13	143 lbs	-94 lbs	35-38	0.07	-489 lbs	-489 lbs
				28-30	0.46	-953 lbs	-953 lbs	18-19	0.09	-491 lbs	-491 lbs
				5-30	0.46	-953 lbs	-953 lbs	21-23	0.05	458 lbs	-336 lbs
								22-26	0.16	-1074 lbs	-1074 lbs
								25-30	0.03	-168 lbs	-168 lbs
								28-31	0.16	1269 lbs	-1030 lbs
								24-29	0.05	497 lbs	-354 lbs
								27-34	0.04	265 lbs	-243 lbs
								32-34	0.02	-104 lbs	-104 lbs

TRUSS TS04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.72 (18 - 20)	TL(V): 0.12 in.	L / 612	(25-4)	L / 90
BC : 0.95 (1 - 17)	LL(V): 0.08 in.	L / 985	(25-4)	L / 90
Web : 0.21 (17 - 18)	DL(V): 0.05 in.	L / 999	(25-4)	L / 0
	Cant / OH TL: 0.08 in.	2L / 999	(25-4)	2L / 90
	Cant / OH LL: 0.08 in.	2L / 999	(25-4)	2L / 90
	Horiz TL: -0.06 in.		9	
	Web :			
	Snow/Wind -0.07 in.	L / 665	(4-36)	L / 90
	Cant (Snow/Wind) -0.07 in.	L / 999	(4-36)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1530 lbs	1280 lbs	0 lbs	-670 lbs	1530 lbs
8	Pin		-1530 lbs	1290 lbs	0 lbs	-720 lbs	-1530 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-0-3	26-5-0

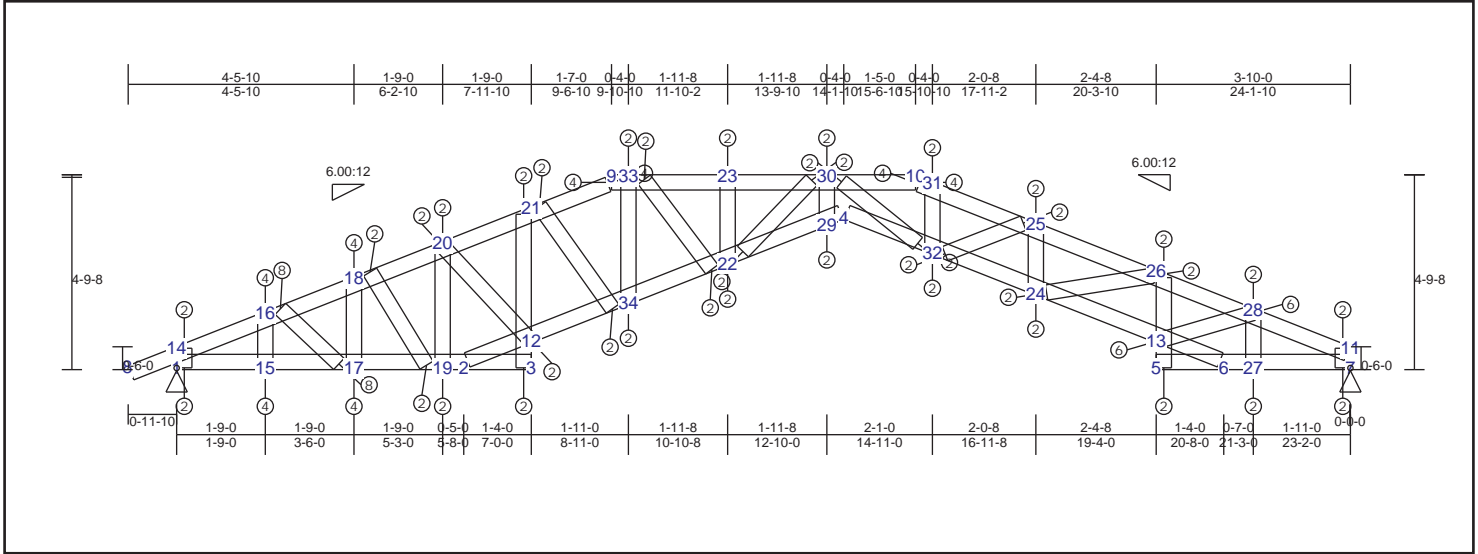
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
11-27	0.19	-1339 lbs	-1339 lbs	1-17	0.95	-1529 lbs	-1529 lbs	1-16	0.09	-640 lbs	-640 lbs
27-28	0.26	-1976 lbs	-1976 lbs	17-19	0.95	-1529 lbs	-1529 lbs	17-18	0.21	-1420 lbs	-1420 lbs
28-30	0.61	-1976 lbs	-1976 lbs	19-21	0.23	-171 lbs	-171 lbs	19-20	0.18	-1163 lbs	-1163 lbs
13-30	0.49	-514 lbs	-514 lbs	2-21	0.06	-147 lbs	-147 lbs	21-22	0.03	239 lbs	-115 lbs
12-13	0.14	54 lbs	0 lbs	2-3	0.02	68 lbs	-55 lbs	3-14	0.02	14 lbs	-9 lbs
9-16	0.14	54 lbs	0 lbs	6-7	0.19	-123 lbs	-123 lbs	14-23	0.03	390 lbs	-260 lbs
16-18	0.44	-818 lbs	-818 lbs	7-29	0.91	-1529 lbs	-1529 lbs	26-27	0.00	96 lbs	-18 lbs
18-20	0.72	-1842 lbs	-1842 lbs	8-29	0.91	-1529 lbs	-1529 lbs	6-15	0.03	319 lbs	-173 lbs
20-22	0.21	-1842 lbs	-1842 lbs	5-26	0.25	-845 lbs	-845 lbs	15-28	0.08	-502 lbs	-502 lbs
22-23	0.25	-1599 lbs	-1599 lbs	15-26	0.19	-281 lbs	-281 lbs	29-30	0.09	-633 lbs	-633 lbs
10-23	0.20	-1374 lbs	-1374 lbs	7-15	0.61	-1335 lbs	-1335 lbs	8-13	0.11	-759 lbs	-759 lbs
10-31	0.23	-1307 lbs	-1307 lbs	2-14	0.13	300 lbs	-263 lbs	15-30	0.18	1972 lbs	-1164 lbs
31-32	0.23	-1498 lbs	-1498 lbs	14-24	0.13	300 lbs	-263 lbs	14-22	0.11	-479 lbs	-479 lbs
32-33	0.15	-1498 lbs	-1498 lbs	24-25	0.15	-433 lbs	-433 lbs	25-32	0.01	86 lbs	-51 lbs
33-34	0.28	-1274 lbs	-1274 lbs	4-25	0.05	197 lbs	-149 lbs	24-31	0.06	420 lbs	-260 lbs
11-34	0.19	-1226 lbs	-1226 lbs	4-36	0.17	-336 lbs	-336 lbs	33-36	0.06	-433 lbs	-433 lbs
				35-36	0.30	-755 lbs	-755 lbs	34-35	0.09	-579 lbs	-579 lbs
				5-35	0.30	-755 lbs	-755 lbs	18-19	0.17	2401 lbs	-1146 lbs
								20-21	0.01	-70 lbs	-70 lbs
								26-28	0.10	-655 lbs	-655 lbs
								23-24	0.02	114 lbs	-96 lbs
								24-32	0.10	-351 lbs	-351 lbs
								32-36	0.05	-289 lbs	-289 lbs
								34-36	0.08	881 lbs	-560 lbs
								26-34	0.12	569 lbs	-504 lbs

TRUSS TS05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.75 (16 - 18)	TL(V): 0.12 in.	L / 935 (31-25)	L / 90
BC : 0.95 (1 - 15)	LL(V): 0.08 in.	L / 999 (31-25)	L / 90
Web : 0.23 (16 - 17)	DL(V): 0.05 in.	L / 999 22	L / 0
	Cant / OH TL: 0.08 in.	2L / 999 (31-25)	2L / 90
	Cant / OH LL: 0.08 in.	2L / 999 (31-25)	2L / 90
	Horiz TL: -0.05 in.	8	
	Web :		
	Snow/Wind -0.08 in.	L / 999 (20-21)	L / 90
	Cant (Snow/Wind) -0.08 in. / 14	21	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1430 lbs	1230 lbs	0 lbs	-660 lbs	1430 lbs
7	Pin		-1440 lbs	1150 lbs	0 lbs	-490 lbs	-1440 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-0-9	24-1-10

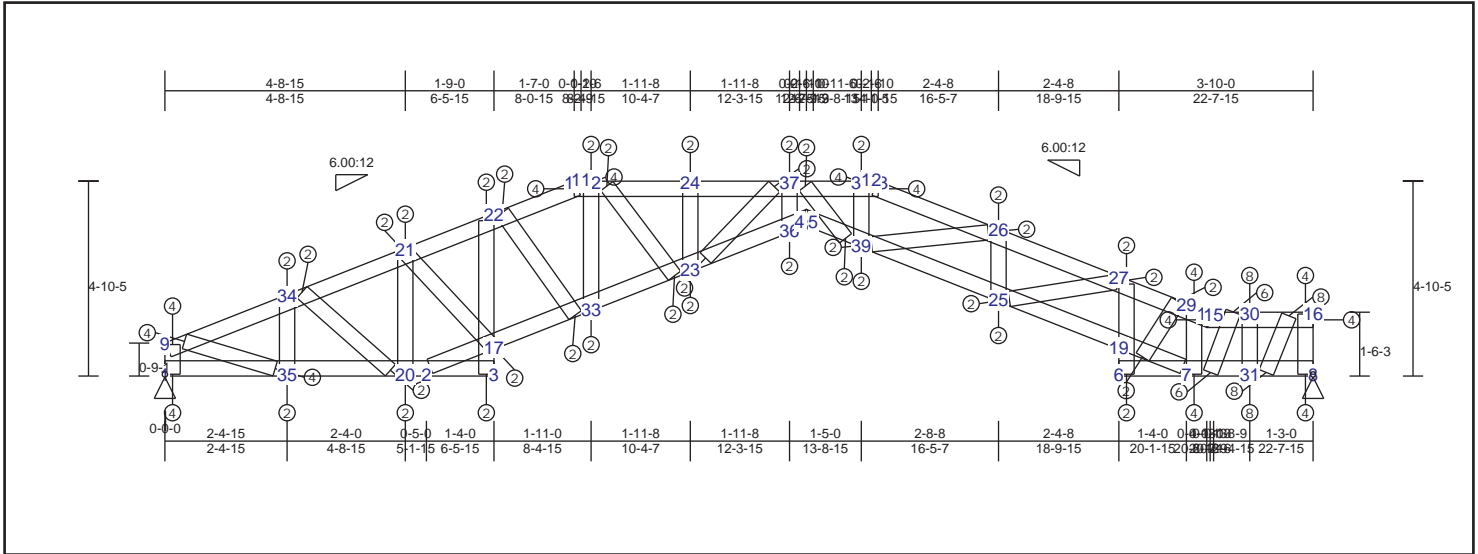
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-14	0.06	34 lbs	0 lbs	1-15	0.95	-1428 lbs	-1428 lbs	1-14	0.08	-545 lbs	-545 lbs
14-16	0.46	-840 lbs	-840 lbs	15-17	0.95	-1428 lbs	-1428 lbs	15-16	0.22	-1518 lbs	-1518 lbs
16-18	0.75	-1889 lbs	-1889 lbs	17-19	0.23	-249 lbs	-249 lbs	17-18	0.18	-1171 lbs	-1171 lbs
18-20	0.22	-1889 lbs	-1889 lbs	2-19	0.08	-210 lbs	-210 lbs	19-20	0.03	208 lbs	-125 lbs
20-21	0.18	-1690 lbs	-1690 lbs	2-3	0.02	-32 lbs	-32 lbs	3-12	0.01	19 lbs	-10 lbs
9-21	0.13	-1512 lbs	-1512 lbs	5-6	0.21	-67 lbs	-67 lbs	12-21	0.02	299 lbs	-204 lbs
9-33	0.19	-1308 lbs	-1308 lbs	6-27	0.94	-1436 lbs	-1436 lbs	22-23	0.05	-302 lbs	-302 lbs
23-33	0.20	-1379 lbs	-1379 lbs	7-27	0.94	-1436 lbs	-1436 lbs	24-25	0.03	286 lbs	-186 lbs
23-30	0.13	-1379 lbs	-1379 lbs	2-12	0.07	-184 lbs	-184 lbs	5-13	0.02	348 lbs	-198 lbs
10-30	0.13	-1222 lbs	-1222 lbs	12-34	0.08	110 lbs	-90 lbs	13-26	0.11	-670 lbs	-670 lbs
10-31	0.15	-1002 lbs	-1002 lbs	22-34	0.11	-262 lbs	-262 lbs	27-28	0.11	-769 lbs	-769 lbs
25-31	0.20	-1687 lbs	-1687 lbs	22-29	0.15	-336 lbs	-336 lbs	7-11	0.08	-561 lbs	-561 lbs
25-26	0.26	-2156 lbs	-2156 lbs	4-29	0.14	-336 lbs	-336 lbs	13-28	0.19	2113 lbs	-1237 lbs
26-28	0.65	-2156 lbs	-2156 lbs	4-32	0.16	-491 lbs	-491 lbs	12-20	0.07	-305 lbs	-305 lbs
11-28	0.53	-536 lbs	-536 lbs	24-32	0.13	-382 lbs	-382 lbs	33-34	0.10	501 lbs	-388 lbs
				13-24	0.18	-547 lbs	-547 lbs	29-30	0.04	-286 lbs	-286 lbs
				6-13	0.61	-1281 lbs	-1281 lbs	31-32	0.06	569 lbs	-378 lbs
								16-17	0.23	2494 lbs	-1509 lbs
								18-19	0.01	91 lbs	-52 lbs
								24-26	0.05	-334 lbs	-334 lbs
								25-32	0.09	-611 lbs	-611 lbs
								21-34	0.09	-365 lbs	-365 lbs
								22-33	0.01	139 lbs	-77 lbs
								22-30	0.04	259 lbs	-259 lbs
								30-32	0.03	238 lbs	-187 lbs

TRUSS TS06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.41 (30 - 16)	TL(V): 0.05 in.	L / 999 (26-27)	L / 90
BC : 0.49 (31 - 8)	LL(V): 0.03 in.	L / 999 (26-27)	L / 90
Web : 0.41 (31 - 30)	DL(V): 0.02 in.	L / 999 (26-27)	L / 0
	Cant / OH TL: 0.03 in.	2L / 999 (26-27)	2L / 90
	Cant / OH LL: 0.03 in.	2L / 999 (26-27)	2L / 90
	Horiz TL: 0 in.	22	
	Web :		
	Snow/Wind -0.03 in.	L / 999 (26-27)	L / 90
	Cant (Snow/Wind) -0.03 in.L / 999	(26-27)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1460 lbs	1120 lbs	0 lbs	-560 lbs	1460 lbs
8	Pin		-1480 lbs	1120 lbs	0 lbs	-480 lbs	-1480 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
4-9-8	22-7-15

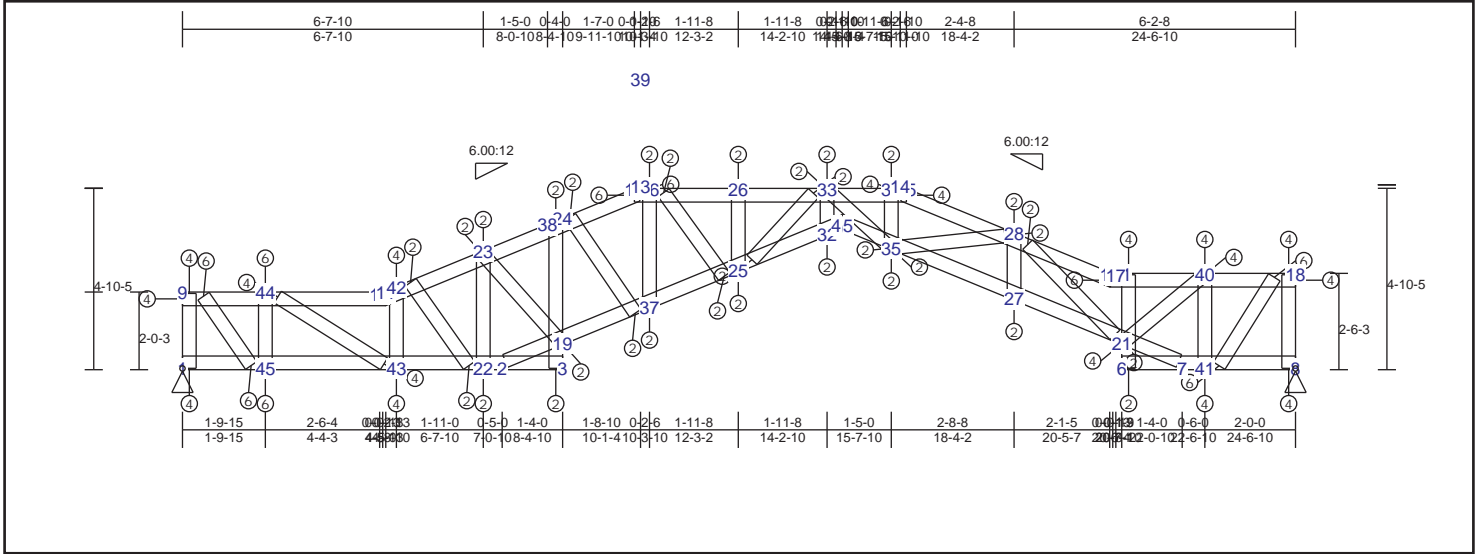
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web			
10-32	0.15	-1230 lbs	6-7	0.09	-36 lbs	20-21	0.01	31 lbs	-29 lbs
24-32	0.12	-1230 lbs	7-31	0.48	-677 lbs	3-17	0.01	14 lbs	-5 lbs
24-37	0.13	-1208 lbs	8-31	0.49	-1478 lbs	17-22	0.02	292 lbs	-198 lbs
37-38	0.13	-1022 lbs	4-18	0.11	-508 lbs	25-26	0.02	211 lbs	-118 lbs
13-38	0.09	-884 lbs	18-39	0.23	-735 lbs	6-19	0.13	-284 lbs	-284 lbs
14-30	0.38	-1348 lbs	25-39	0.19	-547 lbs	19-27	0.14	-289 lbs	-289 lbs
16-30	0.41	-801 lbs	19-25	0.11	-325 lbs	8-16	0.23	-1526 lbs	-1526 lbs
13-26	0.16	-1571 lbs	7-19	0.12	-325 lbs	7-29	0.21	-1411 lbs	-1411 lbs
26-27	0.19	-1889 lbs	1-35	0.43	-1465 lbs	30-31	0.41	-2767 lbs	-2767 lbs
27-29	0.21	-1889 lbs	20-35	0.11	-146 lbs	23-24	0.03	-166 lbs	-166 lbs
14-29	0.21	-1710 lbs	2-20	0.04	-110 lbs	32-33	0.08	418 lbs	-323 lbs
14-15	0.23	-1043 lbs	2-3	0.01	-27 lbs	34-35	0.08	-546 lbs	-546 lbs
9-34	0.27	-1653 lbs	2-17	0.07	-194 lbs	38-39	0.04	424 lbs	-301 lbs
21-34	0.18	-1674 lbs	17-33	0.08	-197 lbs	36-37	0.05	-331 lbs	-331 lbs
21-22	0.17	-1560 lbs	23-33	0.14	-382 lbs	1-9	0.16	-1114 lbs	-1114 lbs
10-22	0.16	-1383 lbs	23-36	0.17	-573 lbs	17-21	0.06	-245 lbs	-245 lbs
			18-36	0.17	-573 lbs	25-27	0.03	-185 lbs	-185 lbs
			5-18	0.10	-415 lbs	19-27	0.05	496 lbs	-329 lbs
						16-31	0.24	2657 lbs	-1607 lbs
						7-30	0.17	1937 lbs	-1150 lbs
						23-32	0.01	51 lbs	-44 lbs
						22-33	0.07	-279 lbs	-279 lbs
						20-34	0.01	124 lbs	-46 lbs
						37-39	0.04	305 lbs	-264 lbs
						26-39	0.12	-666 lbs	-666 lbs
						23-37	0.05	308 lbs	-289 lbs
						9-35	0.14	1453 lbs	-946 lbs

TRUSS TS07 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.39 (9 - 44)	TL(V): 0.06 in.	L / 999 (2-3)	L / 90
BC : 0.57 (41 - 8)	LL(V): 0.04 in.	L / 999 (2-3)	L / 90
Web : 0.28 (45 - 44)	DL(V): 0.02 in.	L / 999 (10-42)	L / 0
	Cant / OH TL: 0.04 in.	2L / 999 (2-3)	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999 (2-3)	2L / 90
	Horiz TL: -0.01 in.	18	
	Web :		
	Snow/Wind -0.04 in.	L / 999 19	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999 19	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1670 lbs	1200 lbs	0 lbs	-610 lbs	1670 lbs
8	Pin		-1680 lbs	1210 lbs	0 lbs	-510 lbs	-1680 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-10-10	24-6-10

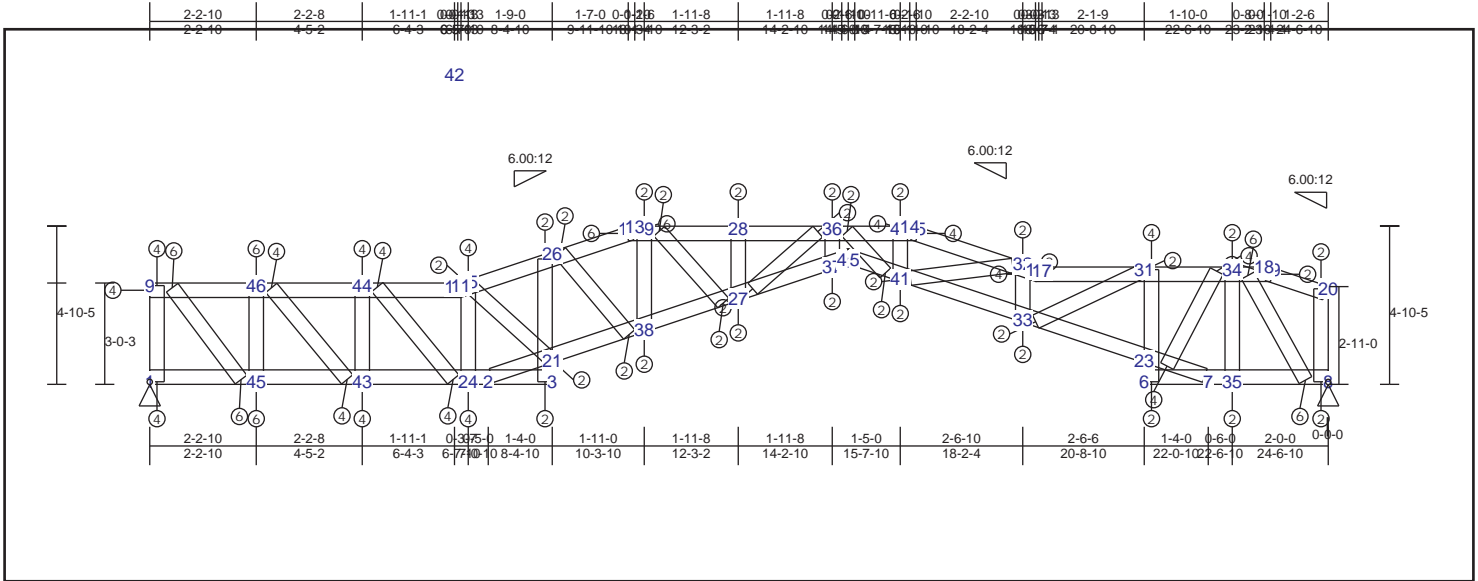
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
12-36	0.19	-1589 lbs	-1589 lbs	6-7	0.10	121 lbs	-94 lbs	22-23	0.07	460 lbs	-295 lbs
26-36	0.14	-1589 lbs	-1589 lbs	7-41	0.43	-847 lbs	-847 lbs	3-19	0.01	-36 lbs	-36 lbs
26-33	0.15	-1539 lbs	-1539 lbs	8-41	0.57	-1677 lbs	-1677 lbs	19-24	0.04	493 lbs	-323 lbs
33-34	0.16	-1332 lbs	-1332 lbs	2-19	0.13	377 lbs	-357 lbs	25-26	0.02	-163 lbs	-163 lbs
15-34	0.12	-1018 lbs	-1018 lbs	19-37	0.10	-170 lbs	-170 lbs	27-28	0.01	99 lbs	-45 lbs
15-28	0.21	-1789 lbs	-1789 lbs	25-37	0.11	213 lbs	-201 lbs	6-21	0.03	172 lbs	-101 lbs
28-30	0.25	-1844 lbs	-1844 lbs	25-32	0.13	-430 lbs	-430 lbs	21-31	0.10	-1019 lbs	-1019 lbs
30-31	0.24	-1655 lbs	-1655 lbs	20-32	0.13	-430 lbs	-430 lbs	1-9	0.22	-1430 lbs	-1430 lbs
31-40	0.17	-1668 lbs	-1668 lbs	5-20	0.08	-309 lbs	-309 lbs	36-37	0.12	635 lbs	-460 lbs
18-40	0.36	-830 lbs	-830 lbs	4-20	0.08	-386 lbs	-386 lbs	32-33	0.04	-249 lbs	-249 lbs
10-42	0.33	-2442 lbs	-2442 lbs	20-35	0.26	-825 lbs	-825 lbs	34-35	0.05	541 lbs	-353 lbs
23-42	0.27	-2442 lbs	-2442 lbs	27-35	0.21	-584 lbs	-584 lbs	8-18	0.23	-1337 lbs	-1337 lbs
23-24	0.23	-2051 lbs	-2051 lbs	21-27	0.07	-217 lbs	-217 lbs	40-41	0.22	-1276 lbs	-1276 lbs
12-24	0.20	-1789 lbs	-1789 lbs	7-21	0.39	-1016 lbs	-1016 lbs	42-43	0.12	-816 lbs	-816 lbs
9-44	0.39	-1127 lbs	-1127 lbs	1-45	0.57	-1668 lbs	-1668 lbs	44-45	0.28	-1859 lbs	-1859 lbs
10-44	0.34	-2323 lbs	-2323 lbs	43-45	0.38	655 lbs	-576 lbs	19-23	0.13	-553 lbs	-553 lbs
10-11	0.35	-2323 lbs	-2323 lbs	22-43	0.18	655 lbs	-576 lbs	21-40	0.13	1188 lbs	-746 lbs
				2-22	0.16	407 lbs	-385 lbs	33-35	0.07	-469 lbs	-469 lbs
				2-3	0.03	45 lbs	-42 lbs	21-28	0.02	-72 lbs	-72 lbs
								28-35	0.13	-727 lbs	-727 lbs
								25-36	0.02	-97 lbs	-97 lbs
								24-37	0.10	-431 lbs	-431 lbs
								25-33	0.05	343 lbs	-293 lbs
								18-41	0.23	1816 lbs	-1079 lbs
								22-42	0.09	-494 lbs	-494 lbs
								43-44	0.26	1506 lbs	-1006 lbs
								9-45	0.24	2288 lbs	-1569 lbs

TRUSS TS08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (9 - 46)	TL(V): 0.06 in.	L / 999 (2-3)	L / 90
BC : 0.74 (35 - 8)	LL(V): 0.04 in.	L / 999 (2-3)	L / 90
Web : 0.67 (34 - 8)	DL(V): 0.02 in.	L / 999 (25-26)	L / 0
	Cant / OH TL: 0.04 in.	2L / 999 (2-3)	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999 (2-3)	2L / 90
	Horiz TL: -0.01 in.	19	
	Web :		
	Snow/Wind -0.04 in.	L / 999 (21-38)	L / 90
	Cant (Snow/Wind) -0.04 in. / 999	(21-38)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1700 lbs	1200 lbs	0 lbs	-620 lbs	1700 lbs
8	Pin		-1700 lbs	1220 lbs	0 lbs	-520 lbs	-1700 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
4-9-8	24-6-10

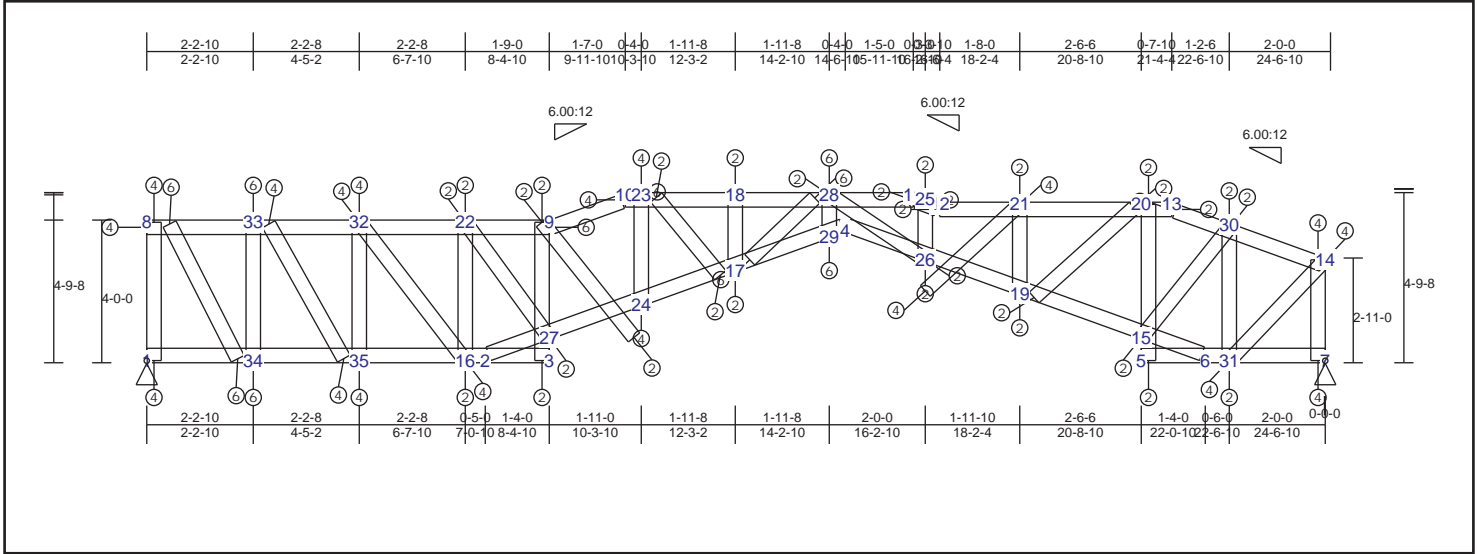
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
12-39	0.19 -1566 lbs	6-7	0.12 -391 lbs	24-25	0.21 -829 lbs
28-39	0.14 -1566 lbs	7-35	0.37 -1077 lbs	3-21	0.03 54 lbs
28-36	0.15 -1497 lbs	8-35	0.74 -1703 lbs	21-26	0.04 556 lbs
36-40	0.16 -1217 lbs	2-21	0.09 -254 lbs	27-28	0.03 -181 lbs
15-40	0.11 -984 lbs	21-38	0.10 -133 lbs	6-23	0.18 -1028 lbs
10-25	0.21 -2131 lbs	27-38	0.12 -254 lbs	23-31	0.18 -1052 lbs
25-26	0.23 -2054 lbs	27-37	0.17 -585 lbs	32-33	0.08 -521 lbs
12-26	0.20 -1762 lbs	22-37	0.17 -585 lbs	34-35	0.14 720 lbs
9-46	0.35 -812 lbs	5-22	0.10 -418 lbs	8-20	0.01 111 lbs
44-46	0.29 -1579 lbs	4-22	0.11 -517 lbs	1-9	0.32 -1304 lbs
10-44	0.24 -2009 lbs	22-41	0.30 -898 lbs	38-39	0.12 654 lbs
10-11	0.22 -2009 lbs	33-41	0.21 -644 lbs	36-37	0.05 -351 lbs
15-32	0.18 -1596 lbs	23-33	0.26 -726 lbs	40-41	0.06 572 lbs
30-32	0.21 -1596 lbs	7-23	0.26 -760 lbs	43-44	0.29 -1182 lbs
30-31	0.22 -1525 lbs	1-45	0.58 -1705 lbs	45-46	0.44 -1779 lbs
31-34	0.29 -1045 lbs	43-45	0.43 -893 lbs	21-25	0.11 -445 lbs
19-34	0.33 -637 lbs	24-43	0.23 304 lbs	31-33	0.08 588 lbs
19-20	0.07 88 lbs	2-24	0.16 304 lbs	23-31	0.18 1114 lbs
		2-3	0.03 103 lbs	8-34	0.67 -1814 lbs
				27-39	0.03 -134 lbs
				26-38	0.10 -440 lbs
				27-36	0.06 463 lbs
				36-41	0.07 -447 lbs
				32-41	0.09 -572 lbs
				9-45	0.37 1817 lbs
				24-44	0.17 895 lbs
				43-46	0.32 1586 lbs
					-829 lbs
					-27 lbs
					-350 lbs
					-181 lbs
					-1028 lbs
					-1052 lbs
					-521 lbs
					-441 lbs
					-64 lbs
					-1304 lbs
					-456 lbs
					-351 lbs
					-380 lbs
					-1182 lbs
					-1779 lbs
					-445 lbs
					-385 lbs
					-687 lbs
					-1814 lbs
					-134 lbs
					-440 lbs
					-380 lbs
					-447 lbs
					-572 lbs
					-1254 lbs
					-583 lbs
					-1076 lbs

TRUSS TS09 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary		Deflection		L / (Loc)	Max. Allowed
TC :	0.44 (12 - 21)	TL(V):	0.22 in.	L / 266	(12-21) L / 90
BC :	0.87 (29 - 4)	LL(V):	0.14 in.	L / 415	(12-21) L / 90
Web :	0.75 (34 - 33)	DL(V):	0.08 in.	L / 741	(12-21) L / 0
		Cant / OH TL:	0.14 in.	2L / 685	(12-21) 2L / 90
		Cant / OH LL:	0.14 in.	2L / 685	(12-21) 2L / 90
		Horiz TL:	-0.04 in.		13
		Web :			
		Snow/Wind:	-0.15 in.	L / 376	(12-21) L / 90
		Cant (Snow/Wind):	-0.15 in.	L / 621	(12-21) L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC Live/Roof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin			1190 lbs	0 lbs	-630 lbs	1830 lbs
7	Pin		-1810 lbs	1210 lbs	0 lbs	-510 lbs	-1810 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-11-12	24-8-2

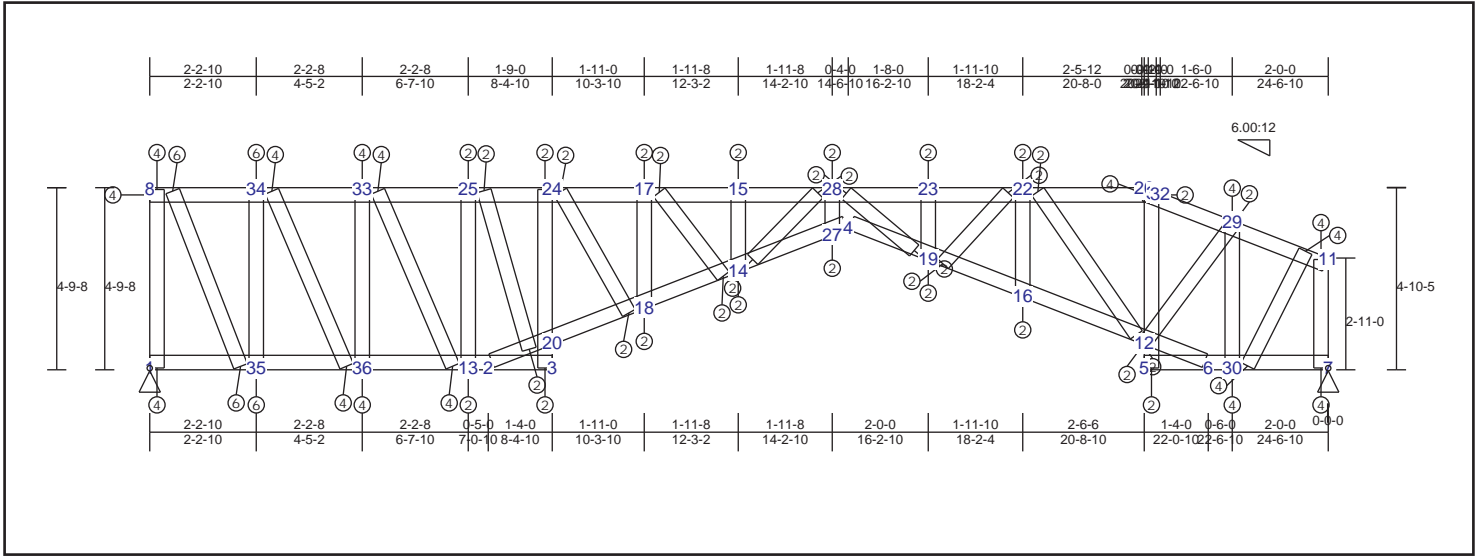
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
10-23	0.20	-1445 lbs	-1445 lbs	5-6	0.05	26 lbs	-25 lbs	17-18	0.09	-610 lbs	-610 lbs
18-23	0.20	-1445 lbs	-1445 lbs	6-31	0.46	-1248 lbs	-1248 lbs	7-14	0.29	-1248 lbs	-1248 lbs
18-28	0.38	-1335 lbs	-1335 lbs	7-31	0.57	-1809 lbs	-1809 lbs	23-24	0.14	838 lbs	-557 lbs
11-28	0.28	-443 lbs	-443 lbs	1-34	0.62	-1828 lbs	-1828 lbs	16-22	0.21	-522 lbs	-522 lbs
13-30	0.08	-772 lbs	-772 lbs	34-35	0.53	-1229 lbs	-1229 lbs	19-21	0.01	-52 lbs	-52 lbs
14-30	0.20	-772 lbs	-772 lbs	16-35	0.29	-715 lbs	-715 lbs	5-15	0.01	95 lbs	-56 lbs
12-21	0.44	-1153 lbs	-1153 lbs	2-16	0.13	-284 lbs	-284 lbs	15-20	0.03	-129 lbs	-129 lbs
20-21	0.42	-1153 lbs	-1153 lbs	2-3	0.02	-24 lbs	-24 lbs	25-26	0.02	214 lbs	-137 lbs
13-20	0.13	-692 lbs	-692 lbs	2-27	0.11	-342 lbs	-342 lbs	3-27	0.01	31 lbs	-16 lbs
11-25	0.04	-447 lbs	-447 lbs	24-27	0.16	216 lbs	-165 lbs	9-27	0.05	-338 lbs	-338 lbs
12-25	0.06	-551 lbs	-551 lbs	17-24	0.22	-542 lbs	-542 lbs	1-8	0.54	-1305 lbs	-1305 lbs
8-33	0.35	-599 lbs	-599 lbs	17-29	0.86	-2182 lbs	-2182 lbs	28-29	0.28	-1875 lbs	-1875 lbs
32-33	0.29	-1113 lbs	-1113 lbs	4-29	0.87	-2182 lbs	-2182 lbs	30-31	0.11	-282 lbs	-282 lbs
22-32	0.17	-1544 lbs	-1544 lbs	4-26	0.73	-1893 lbs	-1893 lbs	32-35	0.44	-1068 lbs	-1068 lbs
9-22	0.18	-1782 lbs	-1782 lbs	19-26	0.85	-1278 lbs	-1278 lbs	33-34	0.75	-1769 lbs	-1769 lbs
9-10	0.14	-1632 lbs	-1632 lbs	15-19	0.42	-1250 lbs	-1250 lbs	22-27	0.12	493 lbs	-343 lbs
				6-15	0.44	-1340 lbs	-1340 lbs	9-24	0.17	-703 lbs	-703 lbs
								26-28	0.09	-569 lbs	-569 lbs
								21-26	0.18	-1154 lbs	-1154 lbs
								15-30	0.04	206 lbs	-101 lbs
								14-31	0.18	989 lbs	-571 lbs
								16-32	0.30	890 lbs	-595 lbs
								17-23	0.04	-214 lbs	-214 lbs
								19-20	0.15	750 lbs	-500 lbs
								17-28	0.23	2137 lbs	-1386 lbs
								8-34	0.56	1744 lbs	-1218 lbs
								33-35	0.44	1375 lbs	-948 lbs

TRUSS TS10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (8 - 34)	TL(V): 0.06 in.	L / 999 (24-17)	L / 90
BC : 0.56 (1 - 35)	LL(V): 0.04 in.	L / 999 (24-17)	L / 90
Web : 0.88 (35 - 34)	DL(V): 0.02 in.	L / 999 (18-14)	L / 0
	Cant / OH TL: 0.04 in.	2L / 999 (24-17)	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999 (24-17)	2L / 90
	Horiz TL: -0.01 in.	21	
	Web :		
	Snow/Wind -0.05 in.	L / 999 (18-14)	L / 90
	Cant (Snow/Wind) -0.05 in.L / 999	(18-14)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12. This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1640 lbs	1190 lbs	0 lbs	-670 lbs	1640 lbs
7	Pin		-1610 lbs	1210 lbs	0 lbs	-560 lbs	-1610 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
4-9-9	24-6-10

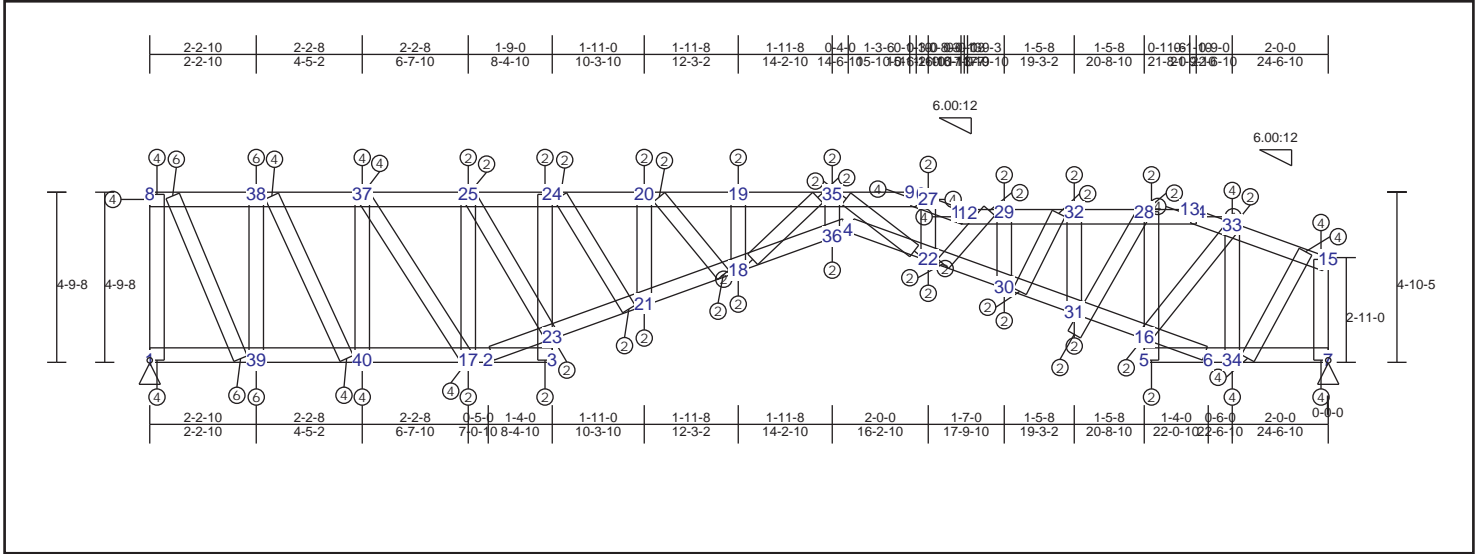
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-34	0.35	-489 lbs	-489 lbs	5-6	0.09	-39 lbs	-39 lbs	14-15	0.03	-182 lbs	-182 lbs
33-34	0.29	-941 lbs	-941 lbs	6-30	0.50	-1131 lbs	-1131 lbs	7-11	0.31	-1299 lbs	-1299 lbs
25-33	0.21	-1264 lbs	-1264 lbs	7-30	0.55	-1610 lbs	-1610 lbs	17-18	0.07	-291 lbs	-291 lbs
24-25	0.15	-1402 lbs	-1402 lbs	1-35	0.56	-1642 lbs	-1642 lbs	5-12	0.01	147 lbs	-94 lbs
17-24	0.16	-1535 lbs	-1535 lbs	35-36	0.51	-1154 lbs	-1154 lbs	12-21	0.08	-269 lbs	-269 lbs
15-17	0.14	-1579 lbs	-1579 lbs	13-36	0.30	-701 lbs	-701 lbs	13-25	0.43	-748 lbs	-748 lbs
15-28	0.15	-1579 lbs	-1579 lbs	2-13	0.18	-379 lbs	-379 lbs	3-20	0.12	-487 lbs	-487 lbs
23-28	0.16	-1358 lbs	-1358 lbs	2-3	0.06	-100 lbs	-100 lbs	20-24	0.12	-496 lbs	-496 lbs
22-23	0.15	-1076 lbs	-1076 lbs	2-20	0.12	-285 lbs	-285 lbs	16-22	0.00	48 lbs	-19 lbs
21-22	0.13	-922 lbs	-922 lbs	18-20	0.11	-246 lbs	-246 lbs	19-23	0.02	-150 lbs	-150 lbs
10-21	0.15	-778 lbs	-778 lbs	14-18	0.10	-246 lbs	-246 lbs	1-8	0.77	-1302 lbs	-1302 lbs
10-29	0.15	-821 lbs	-821 lbs	14-27	0.13	-340 lbs	-340 lbs	27-28	0.03	-219 lbs	-219 lbs
11-29	0.34	-821 lbs	-821 lbs	4-27	0.13	-340 lbs	-340 lbs	29-30	0.34	-868 lbs	-868 lbs
				4-19	0.25	-747 lbs	-747 lbs	34-35	0.88	-1762 lbs	-1762 lbs
				16-19	0.25	-820 lbs	-820 lbs	33-36	0.72	-1223 lbs	-1223 lbs
				12-16	0.26	-822 lbs	-822 lbs	12-29	0.12	533 lbs	-354 lbs
				6-12	0.43	-1142 lbs	-1142 lbs	14-17	0.01	86 lbs	-64 lbs
								18-24	0.08	330 lbs	-243 lbs
								20-24	0.20	569 lbs	-413 lbs
								12-21	0.15	-305 lbs	-305 lbs
								19-22	0.03	265 lbs	-191 lbs
								14-28	0.04	365 lbs	-261 lbs
								19-28	0.06	-416 lbs	-416 lbs
								11-30	0.25	1312 lbs	-850 lbs
								13-33	0.47	1022 lbs	-744 lbs
								34-36	0.68	1434 lbs	-1053 lbs
								8-35	0.80	1694 lbs	-1247 lbs

TRUSS TS11 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (8 - 38)	TL(V): 0.05 in.	L / 999	L / 90
BC : 0.56 (1 - 39)	LL(V): 0.03 in.	L / 999	L / 90
Web : 0.88 (39 - 38)	DL(V): 0.02 in.	L / 999	L / 0
	Cant / OH TL: 0.03 in.	2L / 999	2L / 90
	Cant / OH LL: 0.03 in.	2L / 999	2L / 90
	Horiz TL: -0.01 in.		
	Snow/Wind -0.04 in.	L / 999	(21-18) L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	(21-18) L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC Live/Roof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1650 lbs	1190 lbs	0 lbs	-660 lbs	1650 lbs
7	Pin		-1610 lbs	1210 lbs	0 lbs	-560 lbs	-1610 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-10-14	24-6-10

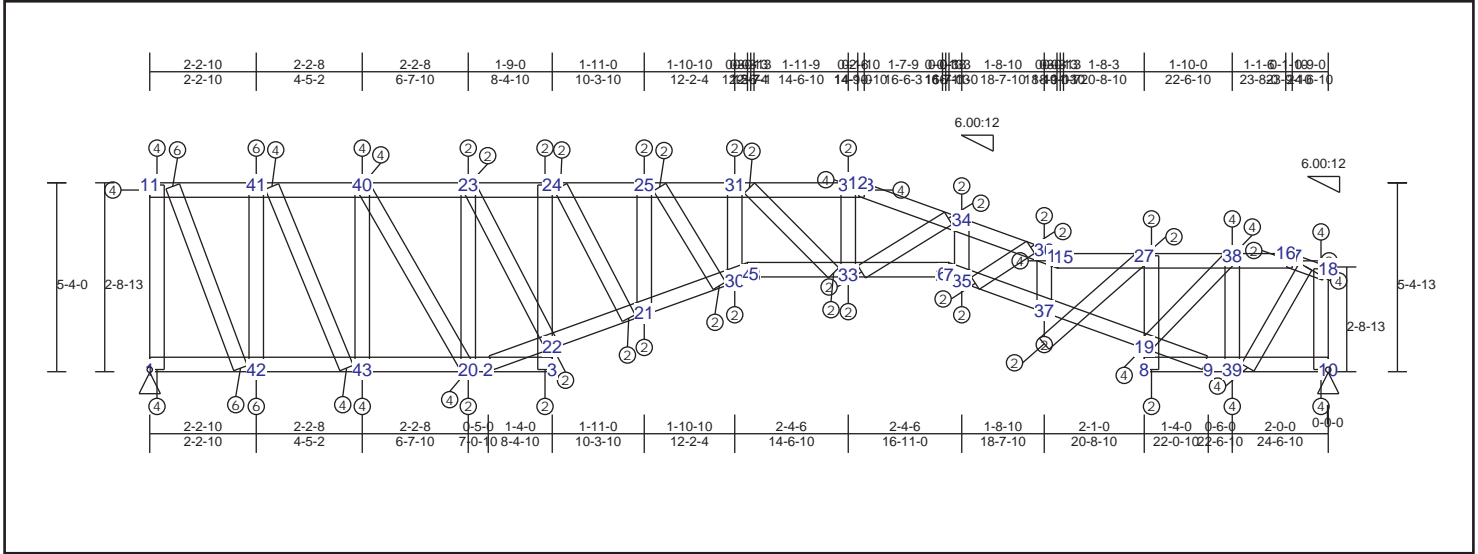
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-38	0.35	-493 lbs	-493 lbs	5-6	0.09	-30 lbs	-30 lbs	18-19	0.03	-182 lbs	-182 lbs
37-38	0.29	-914 lbs	-914 lbs	6-34	0.49	-1114 lbs	-1114 lbs	7-15	0.31	-1308 lbs	-1308 lbs
25-37	0.17	-1278 lbs	-1278 lbs	7-34	0.54	-1613 lbs	-1613 lbs	20-21	0.07	-271 lbs	-271 lbs
24-25	0.14	-1430 lbs	-1430 lbs	1-39	0.56	-1646 lbs	-1646 lbs	17-25	0.27	-480 lbs	-480 lbs
20-24	0.14	-1530 lbs	-1530 lbs	39-40	0.51	-1153 lbs	-1153 lbs	3-23	0.01	36 lbs	-21 lbs
19-20	0.14	-1577 lbs	-1577 lbs	17-40	0.30	-732 lbs	-732 lbs	23-24	0.05	-396 lbs	-396 lbs
19-35	0.15	-1577 lbs	-1577 lbs	2-17	0.14	-368 lbs	-368 lbs	22-27	0.02	187 lbs	-140 lbs
10-35	0.15	-1337 lbs	-1337 lbs	2-3	0.02	34 lbs	-26 lbs	29-30	0.08	-533 lbs	-533 lbs
10-27	0.13	-1095 lbs	-1095 lbs	2-23	0.15	-452 lbs	-452 lbs	31-32	0.15	-700 lbs	-700 lbs
26-27	0.21	-1200 lbs	-1200 lbs	21-23	0.09	-243 lbs	-243 lbs	5-16	0.01	148 lbs	-94 lbs
26-29	0.21	-1209 lbs	-1209 lbs	18-21	0.11	-243 lbs	-243 lbs	16-28	0.04	-279 lbs	-279 lbs
29-32	0.13	-1209 lbs	-1209 lbs	18-36	0.15	-374 lbs	-374 lbs	1-8	0.77	-1305 lbs	-1305 lbs
28-32	0.12	-1002 lbs	-1002 lbs	4-36	0.15	-374 lbs	-374 lbs	33-34	0.36	-917 lbs	-917 lbs
14-28	0.13	-825 lbs	-825 lbs	4-22	0.18	-546 lbs	-546 lbs	35-36	0.04	-303 lbs	-303 lbs
14-33	0.13	-846 lbs	-846 lbs	22-30	0.26	-706 lbs	-706 lbs	38-39	0.88	-1762 lbs	-1762 lbs
15-33	0.34	-846 lbs	-846 lbs	30-31	0.33	-955 lbs	-955 lbs	37-40	0.62	-1067 lbs	-1067 lbs
				16-31	0.31	-955 lbs	-955 lbs	16-33	0.15	602 lbs	-412 lbs
				6-16	0.42	-1132 lbs	-1132 lbs	23-25	0.13	378 lbs	-273 lbs
								17-37	0.42	869 lbs	-627 lbs
								28-31	0.09	477 lbs	-335 lbs
								18-20	0.01	92 lbs	-68 lbs
								21-24	0.06	250 lbs	-184 lbs
								30-32	0.07	610 lbs	-419 lbs
								22-29	0.01	64 lbs	-63 lbs
								15-34	0.27	1369 lbs	-897 lbs

TRUSS TS12 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (11 - 41)	TL(V): 0.05 in.	L / 999 (14-15)	L / 90
BC : 0.59 (1 - 42)	LL(V): 0.03 in.	L / 999 (14-15)	L / 90
Web : 0.88 (42 - 41)	DL(V): 0.02 in.	L / 999 (21-30)	L / 0
	Cant / OH TL: 0.03 in.	2L / 999 (14-15)	2L / 90
	Cant / OH LL: 0.03 in.	2L / 999 (14-15)	2L / 90
	Horiz TL: -0.01 in.	17	
	Web :		
	Snow/Wind -0.04 in.	L / 999 21	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999 21	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFSD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1750 lbs	1190 lbs	0 lbs	-650 lbs	1750 lbs
10	Pin		-1710 lbs	1210 lbs	0 lbs	-550 lbs	-1710 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-5-4	24-6-10

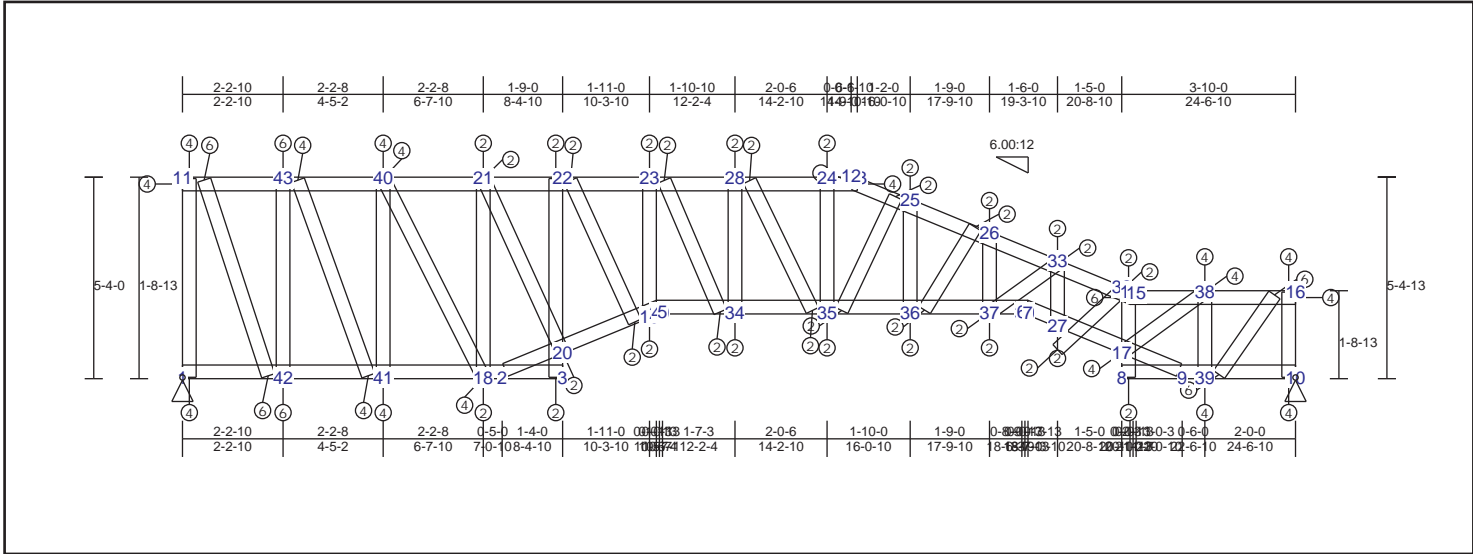
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
11-41	0.35	-440 lbs	-440 lbs	8-9	0.09	18 lbs	-15 lbs	10-18	0.32	-1340 lbs	-1340 lbs
40-41	0.29	-814 lbs	-814 lbs	9-39	0.50	-1103 lbs	-1103 lbs	3-22	0.00	44 lbs	-24 lbs
23-40	0.17	-1143 lbs	-1143 lbs	10-39	0.58	-1710 lbs	-1710 lbs	22-24	0.04	-202 lbs	-202 lbs
23-24	0.11	-1238 lbs	-1238 lbs	2-22	0.22	-673 lbs	-673 lbs	20-23	0.28	-404 lbs	-404 lbs
24-25	0.12	-1244 lbs	-1244 lbs	21-22	0.18	-584 lbs	-584 lbs	21-25	0.01	47 lbs	-25 lbs
25-31	0.11	-1244 lbs	-1244 lbs	21-30	0.20	-584 lbs	-584 lbs	8-19	0.01	159 lbs	-97 lbs
31-32	0.12	-1161 lbs	-1161 lbs	28-30	0.19	-573 lbs	-573 lbs	19-27	0.07	-764 lbs	-764 lbs
13-32	0.11	-987 lbs	-987 lbs	28-33	0.25	-765 lbs	-765 lbs	30-31	0.01	101 lbs	-17 lbs
14-27	0.22	-1453 lbs	-1453 lbs	29-33	0.25	-765 lbs	-765 lbs	1-11	0.88	-1306 lbs	-1306 lbs
27-38	0.17	-1181 lbs	-1181 lbs	29-35	0.09	-487 lbs	-487 lbs	32-33	0.04	328 lbs	-214 lbs
17-38	0.18	-614 lbs	-614 lbs	35-37	0.26	-498 lbs	-498 lbs	34-35	0.03	291 lbs	-210 lbs
17-18	0.32	-594 lbs	-594 lbs	19-37	0.24	-605 lbs	-605 lbs	36-37	0.08	-535 lbs	-535 lbs
13-34	0.13	-1262 lbs	-1262 lbs	9-19	0.44	-1180 lbs	-1180 lbs	38-39	0.30	-1054 lbs	-1054 lbs
34-36	0.14	-1557 lbs	-1557 lbs	1-42	0.59	-1752 lbs	-1752 lbs	41-42	0.88	-1758 lbs	-1758 lbs
14-36	0.19	-1557 lbs	-1557 lbs	42-43	0.55	-1312 lbs	-1312 lbs	40-43	0.77	-1068 lbs	-1068 lbs
14-15	0.21	-1297 lbs	-1297 lbs	20-43	0.36	-937 lbs	-937 lbs	20-40	0.50	858 lbs	-599 lbs
				2-20	0.22	-608 lbs	-608 lbs	22-23	0.11	267 lbs	-193 lbs
				2-3	0.02	13 lbs	-4 lbs	27-37	0.04	442 lbs	-271 lbs
								19-38	0.17	989 lbs	-634 lbs
								21-24	0.01	-25 lbs	-25 lbs
								25-30	0.05	-207 lbs	-207 lbs
								31-33	0.08	-298 lbs	-298 lbs
								33-34	0.06	-358 lbs	-358 lbs
								35-36	0.05	-308 lbs	-308 lbs
								18-39	0.30	1585 lbs	-1023 lbs

TRUSS TS13 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (38 - 16)	TL(V): 0.05 in.	L / 999 (25-26)	L / 90
BC : 0.60 (1 - 42)	LL(V): 0.03 in.	L / 999 (25-26)	L / 90
Web : 0.88 (42 - 43)	DL(V): 0.02 in.	L / 999 (19-29)	L / 0
	Cant / OH TL: 0.03 in.	2L / 999 (25-26)	2L / 90
	Cant / OH LL: 0.03 in.	2L / 999 (25-26)	2L / 90
	Horiz TL: -0.01 in.	16	
	Web :		
	Snow/Wind -0.04 in.	L / 999 19	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999 19	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1780 lbs	1190 lbs	0 lbs	-640 lbs	1780 lbs
10	Pin		-1730 lbs	1190 lbs	0 lbs	-520 lbs	-1730 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
5-5-4	24-6-10

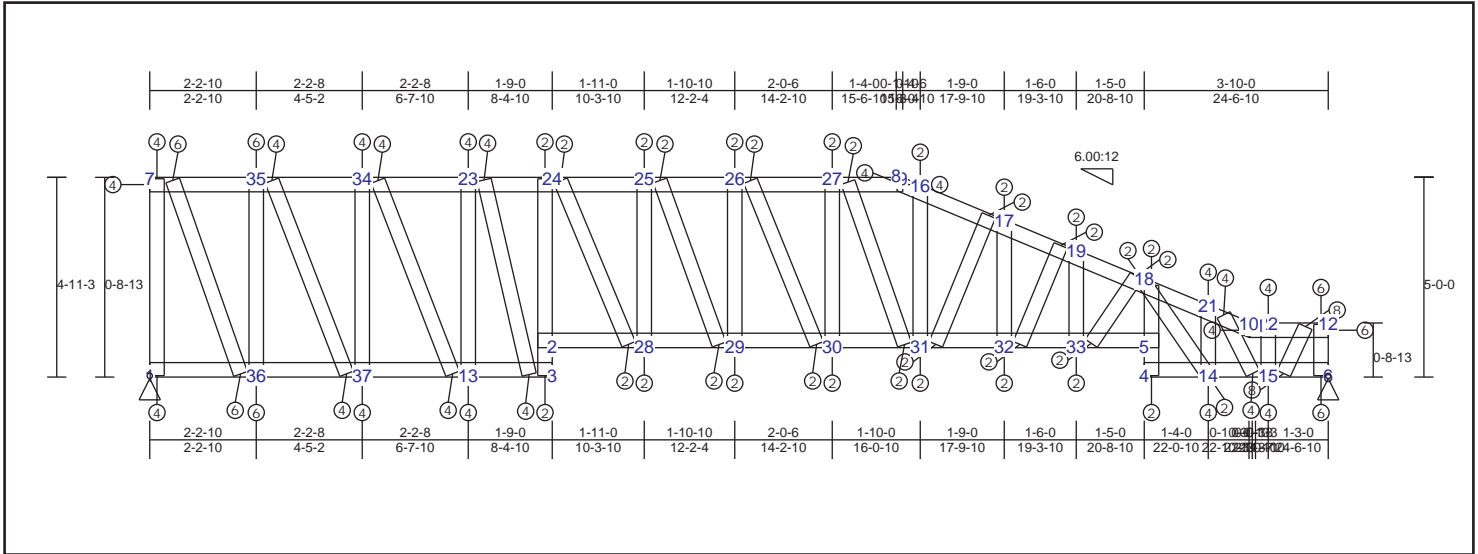
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
11-43	0.35	-439 lbs	-439 lbs	8-9	0.09	48 lbs	-35 lbs	3-20	0.01	45 lbs	-27 lbs
40-43	0.29	-813 lbs	-813 lbs	9-39	0.40	-796 lbs	-796 lbs	20-22	0.04	-178 lbs	-178 lbs
21-40	0.17	-1141 lbs	-1141 lbs	10-39	0.58	-1725 lbs	-1725 lbs	18-21	0.27	-393 lbs	-393 lbs
21-22	0.10	-1229 lbs	-1229 lbs	2-20	0.23	-699 lbs	-699 lbs	19-23	0.09	-270 lbs	-270 lbs
22-23	0.12	-1240 lbs	-1240 lbs	19-20	0.19	-623 lbs	-623 lbs	10-16	0.20	-1316 lbs	-1316 lbs
23-28	0.12	-1271 lbs	-1271 lbs	19-29	0.19	-617 lbs	-617 lbs	8-17	0.01	158 lbs	-92 lbs
24-28	0.12	-1271 lbs	-1271 lbs	29-34	0.17	-537 lbs	-537 lbs	17-32	0.07	-757 lbs	-757 lbs
13-24	0.18	-1227 lbs	-1227 lbs	34-35	0.19	-550 lbs	-550 lbs	28-34	0.03	186 lbs	-103 lbs
13-25	0.19	-1295 lbs	-1295 lbs	35-36	0.19	-550 lbs	-550 lbs	24-35	0.06	291 lbs	-179 lbs
25-26	0.17	-1505 lbs	-1505 lbs	36-37	0.18	-488 lbs	-488 lbs	25-36	0.08	358 lbs	-343 lbs
26-33	0.15	-1780 lbs	-1780 lbs	30-37	0.11	-303 lbs	-303 lbs	26-37	0.03	245 lbs	-217 lbs
32-33	0.16	-1874 lbs	-1874 lbs	27-30	0.03	-103 lbs	-103 lbs	27-33	0.01	118 lbs	-74 lbs
31-32	0.17	-1924 lbs	-1924 lbs	17-27	0.04	-100 lbs	-100 lbs	1-11	0.96	-1304 lbs	-1304 lbs
31-38	0.19	-1771 lbs	-1771 lbs	9-17	0.34	-869 lbs	-869 lbs	38-39	0.21	-1347 lbs	-1347 lbs
16-38	0.35	-930 lbs	-930 lbs	1-42	0.60	-1777 lbs	-1777 lbs	40-41	0.77	-1065 lbs	-1065 lbs
				41-42	0.56	-1338 lbs	-1338 lbs	42-43	0.88	-1754 lbs	-1754 lbs
				18-41	0.37	-965 lbs	-965 lbs	20-21	0.11	250 lbs	-184 lbs
				2-18	0.23	-637 lbs	-637 lbs	18-40	0.49	856 lbs	-589 lbs
				2-3	0.02	19 lbs	-7 lbs	33-37	0.05	-315 lbs	-315 lbs
								27-32	0.02	-167 lbs	-167 lbs
								17-38	0.10	1123 lbs	-659 lbs
								19-22	0.02	-41 lbs	-41 lbs
								23-34	0.05	-130 lbs	-130 lbs
								28-35	0.05	-140 lbs	-140 lbs
								25-35	0.05	254 lbs	-169 lbs

TRUSS TS14 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.47 (22 - 12)	TL(V): 0.06 in.	L / 999 (25-26)	L / 90
BC : 0.53 (1 - 36)	LL(V): 0.04 in.	L / 999 (25-26)	L / 90
Web : 0.88 (36 - 35)	DL(V): 0.02 in.	L / 999 (25-26)	L / 0
	Cant / OH TL: 0.04 in.	2L / 999 (25-26)	2L / 90
	Cant / OH LL: 0.04 in.	2L / 999 (25-26)	2L / 90
	Horiz TL: -0.01 in.	19	
	Web :		
	Snow/Wind -0.05 in.	L / 999 (25-26)	L / 90
	Cant (Snow/Wind) -0.05 in.L / 999	(25-26)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1560 lbs	1180 lbs	0 lbs	-660 lbs	1560 lbs
6	Pin		-1500 lbs	1170 lbs	0 lbs	-500 lbs	-1500 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-0-0	24-6-10

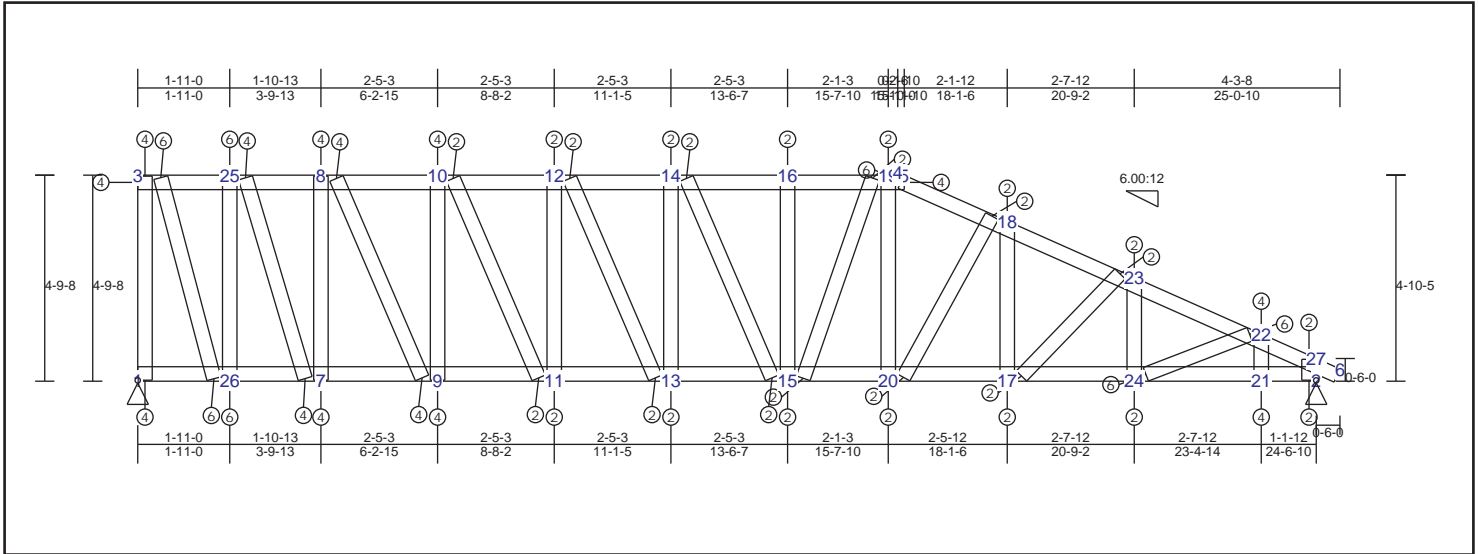
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
7-35	0.35	-467 lbs	-467 lbs	4-14	0.12	-252 lbs	-252 lbs	4-5	0.07	56 lbs	-31 lbs
34-35	0.28	-896 lbs	-896 lbs	14-15	0.43	-561 lbs	-561 lbs	5-18	0.11	56 lbs	-31 lbs
23-34	0.21	-1221 lbs	-1221 lbs	6-15	0.49	-1500 lbs	-1500 lbs	6-12	0.25	-1714 lbs	-1714 lbs
23-24	0.19	-1378 lbs	-1378 lbs	2-28	0.09	222 lbs	-189 lbs	14-21	0.08	874 lbs	-509 lbs
24-25	0.16	-1483 lbs	-1483 lbs	28-29	0.09	156 lbs	-80 lbs	15-22	0.15	-1001 lbs	-1001 lbs
25-26	0.14	-1544 lbs	-1544 lbs	29-30	0.04	93 lbs	-69 lbs	13-23	0.66	-1064 lbs	-1064 lbs
26-27	0.15	-1544 lbs	-1544 lbs	30-31	0.09	-92 lbs	-92 lbs	2-3	0.07	-540 lbs	-540 lbs
9-27	0.19	-1493 lbs	-1493 lbs	31-32	0.09	-95 lbs	-95 lbs	2-24	0.11	-540 lbs	-540 lbs
9-16	0.19	-1418 lbs	-1418 lbs	32-33	0.08	-228 lbs	-228 lbs	25-28	0.19	-434 lbs	-434 lbs
16-17	0.16	-1683 lbs	-1683 lbs	5-33	0.08	-318 lbs	-318 lbs	26-29	0.04	154 lbs	-81 lbs
17-19	0.18	-1839 lbs	-1839 lbs	1-36	0.53	-1562 lbs	-1562 lbs	27-30	0.06	161 lbs	-134 lbs
18-19	0.18	-1980 lbs	-1980 lbs	36-37	0.49	-1096 lbs	-1096 lbs	16-31	0.13	499 lbs	-336 lbs
18-21	0.23	-1980 lbs	-1980 lbs	13-37	0.29	-666 lbs	-666 lbs	17-32	0.10	-391 lbs	-391 lbs
20-21	0.27	-2093 lbs	-2093 lbs	3-13	0.17	-342 lbs	-342 lbs	19-33	0.04	289 lbs	-272 lbs
20-22	0.16	-939 lbs	-939 lbs					1-7	0.81	-1283 lbs	-1283 lbs
12-22	0.47	-939 lbs	-939 lbs					34-37	0.75	-1207 lbs	-1207 lbs
								35-36	0.88	-1732 lbs	-1732 lbs
								14-18	0.07	-355 lbs	-355 lbs
								15-21	0.24	-1581 lbs	-1581 lbs
								12-15	0.23	2603 lbs	-1540 lbs
								24-28	0.11	333 lbs	-228 lbs
								25-29	0.10	-221 lbs	-221 lbs
								26-30	0.08	164 lbs	-159 lbs
								27-31	0.07	-151 lbs	-151 lbs
								17-31	0.14	449 lbs	-446 lbs

TRUSS TS15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.54 (23 - 22)	TL(V): 0.08 in.	L / 999 (14-16)	L / 90
BC : 0.72 (24 - 21)	LL(V): 0.05 in.	L / 999 (14-16)	L / 90
Web : 0.88 (26 - 25)	DL(V): 0.03 in.	L / 999 (23-22)	L / 0
	Cant / OH TL: -0.02 in.	2L / 801 (6)	2L / 90
	Cant / OH TL: -0.02 in.	2L / 801 (6)	2L / 90
	Horiz TL: 0.03 in.	(6)	(6)
	Web :		
	Snow/Wind -0.05 in.	L / 999 (13-15)	L / 90
	Cant (Snow/Wind) 0.02 in.	L / 891 (6)	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12. This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1080 lbs	1180 lbs	0 lbs	-660 lbs	1080 lbs
2	Pin		-1010 lbs	1220 lbs	0 lbs	-560 lbs	-1010 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-54(50)	Sheathing
Bot Chd	362S162-54(50)	Purlin (96 in.)
Web	362S162-54(50)	Unbraced

Truss Dimensions

Max Height	Max Width
4-9-12	25-0-10

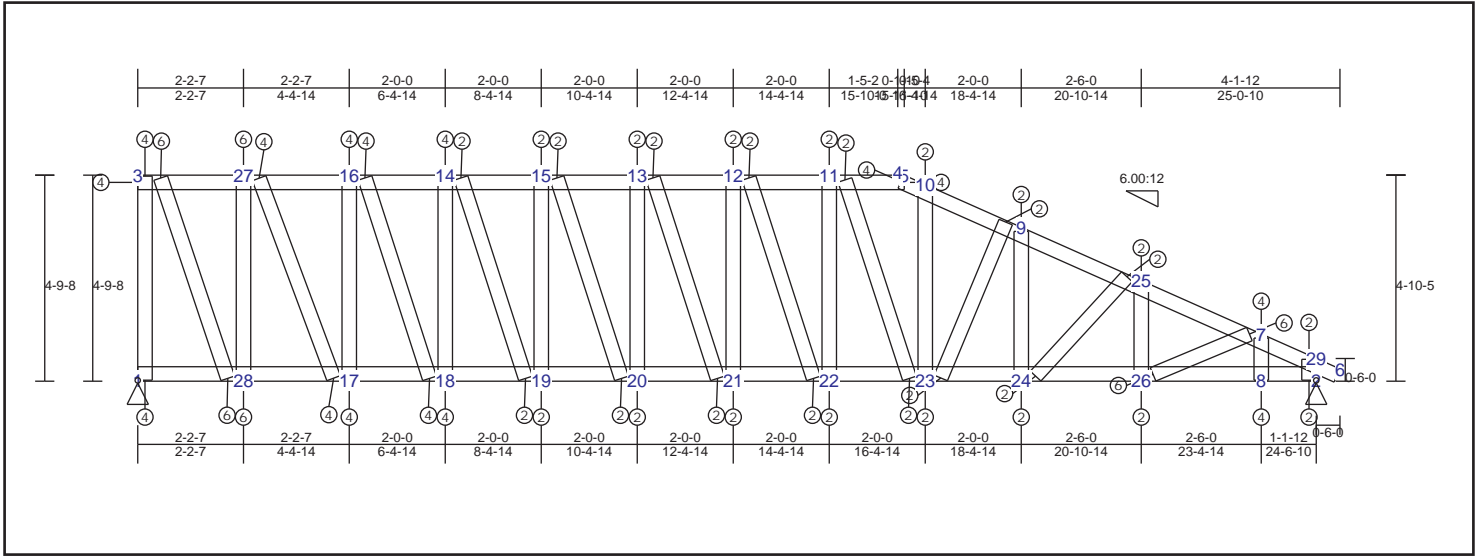
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-25	0.36	-406 lbs	-406 lbs	1-26	0.37	-1083 lbs	-1083 lbs	7-8	0.78	-1313 lbs	-1313 lbs
8-25	0.29	-804 lbs	-804 lbs	7-26	0.37	-677 lbs	-677 lbs	9-10	0.54	-938 lbs	-938 lbs
8-10	0.21	-1197 lbs	-1197 lbs	7-9	0.25	-279 lbs	-279 lbs	11-12	0.34	-592 lbs	-592 lbs
10-12	0.17	-1451 lbs	-1451 lbs	9-11	0.18	368 lbs	-261 lbs	13-14	0.12	-223 lbs	-223 lbs
12-14	0.17	-1579 lbs	-1579 lbs	11-13	0.12	496 lbs	-342 lbs	15-16	0.13	-229 lbs	-229 lbs
14-16	0.15	-1579 lbs	-1579 lbs	13-15	0.12	496 lbs	-342 lbs	17-18	0.09	316 lbs	-267 lbs
16-19	0.17	-1575 lbs	-1575 lbs	15-20	0.11	492 lbs	-324 lbs	19-20	0.16	-288 lbs	-288 lbs
5-19	0.20	-1498 lbs	-1498 lbs	17-20	0.13	531 lbs	-374 lbs	1-3	0.78	-1317 lbs	-1317 lbs
5-18	0.22	-1657 lbs	-1657 lbs	17-24	0.20	774 lbs	-594 lbs	23-24	0.05	-346 lbs	-346 lbs
18-23	0.27	-1970 lbs	-1970 lbs	21-24	0.72	-1005 lbs	-1005 lbs	21-22	0.16	-1111 lbs	-1111 lbs
22-23	0.54	-1970 lbs	-1970 lbs	2-21	0.72	-1005 lbs	-1005 lbs	25-26	0.88	-1901 lbs	-1901 lbs
22-27	0.32	-649 lbs	-649 lbs					2-27	0.07	-452 lbs	-452 lbs
6-27	0.02	20 lbs	0 lbs					8-9	0.51	1101 lbs	-783 lbs
								10-11	0.31	713 lbs	-493 lbs
								12-13	0.17	357 lbs	-268 lbs
								14-15	0.06	-97 lbs	-97 lbs
								15-19	0.14	263 lbs	-239 lbs
								18-20	0.12	319 lbs	-265 lbs
								17-23	0.10	-374 lbs	-374 lbs
								22-24	0.20	1939 lbs	-1072 lbs
								3-26	0.80	1775 lbs	-1285 lbs
								7-25	0.70	1557 lbs	-1122 lbs

TRUSS TS16 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.54 (25 - 7)	TL(V): 0.07 in.	L / 999 (21-22)	L / 90
BC : 0.72 (26 - 8)	LL(V): 0.05 in.	L / 999 (21-22)	L / 90
Web : 0.88 (28 - 27)	DL(V): 0.03 in.	L / 999 (21-22)	L / 0
	Cant / OH TL: -0.02 in.	2L / 827	6 2L / 90
	Cant / OH LL: -0.02 in.	2L / 827	6 2L / 90
	Horiz TL: 0.02 in.		6
	Web :		
	Snow/Wind -0.05 in.	L / 999 (13-12)	L / 90
	Cant (Snow/Wind) 0.02 in.	L / 919	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code = ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1100 lbs	1180 lbs	0 lbs	-660 lbs	1100 lbs
2	Pin		-1020 lbs	1220 lbs	0 lbs	-560 lbs	-1020 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
4-9-12	25-0-10

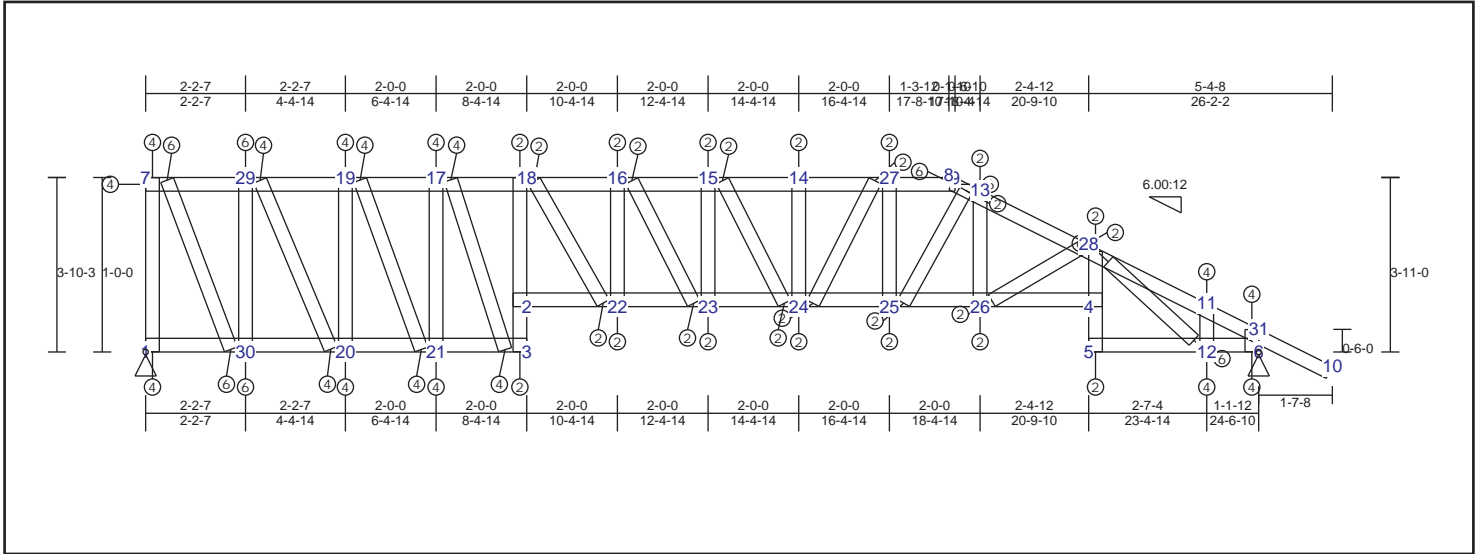
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
3-27	0.35	-476 lbs	-476 lbs	1-28	0.37	-1097 lbs	-1097 lbs	7-8	0.17	-1138 lbs	-1138 lbs
16-27	0.28	-922 lbs	-922 lbs	17-28	0.35	-621 lbs	-621 lbs	16-17	0.72	-1220 lbs	-1220 lbs
14-16	0.21	-1212 lbs	-1212 lbs	17-18	0.22	204 lbs	-175 lbs	14-18	0.55	-952 lbs	-952 lbs
14-15	0.17	-1424 lbs	-1424 lbs	18-19	0.18	327 lbs	-232 lbs	15-19	0.38	-663 lbs	-663 lbs
13-15	0.16	-1550 lbs	-1550 lbs	19-20	0.13	453 lbs	-315 lbs	13-20	0.20	-365 lbs	-365 lbs
12-13	0.15	-1592 lbs	-1592 lbs	20-21	0.11	495 lbs	-334 lbs	12-21	0.03	140 lbs	-57 lbs
11-12	0.16	-1592 lbs	-1592 lbs	21-22	0.11	495 lbs	-334 lbs	11-22	0.09	185 lbs	-167 lbs
5-11	0.17	-1539 lbs	-1539 lbs	22-23	0.10	441 lbs	-282 lbs	10-23	0.16	470 lbs	-319 lbs
5-10	0.21	-1461 lbs	-1461 lbs	23-24	0.13	548 lbs	-395 lbs	9-24	0.09	304 lbs	-282 lbs
9-10	0.17	-1721 lbs	-1721 lbs	24-26	0.20	753 lbs	-589 lbs	1-3	0.76	-1282 lbs	-1282 lbs
9-25	0.26	-1973 lbs	-1973 lbs	8-26	0.72	-1019 lbs	-1019 lbs	25-26	0.06	-396 lbs	-396 lbs
7-25	0.54	-1973 lbs	-1973 lbs	2-8	0.72	-1019 lbs	-1019 lbs	27-28	0.88	-1743 lbs	-1743 lbs
7-29	0.32	-660 lbs	-660 lbs					2-29	0.07	-449 lbs	-449 lbs
6-29	0.02	20 lbs	0 lbs					16-18	0.46	1052 lbs	-745 lbs
								14-19	0.32	770 lbs	-533 lbs
								15-20	0.19	458 lbs	-321 lbs
								13-21	0.10	-176 lbs	-176 lbs
								12-22	0.12	-194 lbs	-194 lbs
								11-23	0.09	-150 lbs	-150 lbs
								9-23	0.16	400 lbs	-395 lbs
								24-25	0.08	-323 lbs	-323 lbs
								7-26	0.18	1958 lbs	-1081 lbs
								3-28	0.77	1668 lbs	-1207 lbs
								17-27	0.65	1418 lbs	-1018 lbs

TRUSS TS17 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.35 (7 - 29)	TL(V): 0.08 in.	L / 999	(16-15)	L / 90
BC : 0.85 (5 - 12)	LL(V): 0.05 in.	L / 999	(16-15)	L / 90
Web : 0.68 (30 - 29)	DL(V): 0.03 in.	L / 999	(23-24)	L / 0
	Cant / OH TL: 0.04 in.	2L / 103	(17-18)	2L / 90
	Cant / OH LL: 0.04 in.	2L / 103	(17-18)	2L / 90
	Horiz TL: 0.03 in.	10		
	Web :			
	Snow/Wind -0.05 in.	L / 999	(16-15)	L / 90
	Cant (Snow/Wind) -0.05 in.	L / 93	(17-18)	L / 90

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1790 lbs	1170 lbs	0 lbs	-660 lbs	1790 lbs
6	Pin		-1720 lbs	1330 lbs	0 lbs	-730 lbs	-1720 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-5-3	26-2-2

Material Design Pass

Member Forces Summary

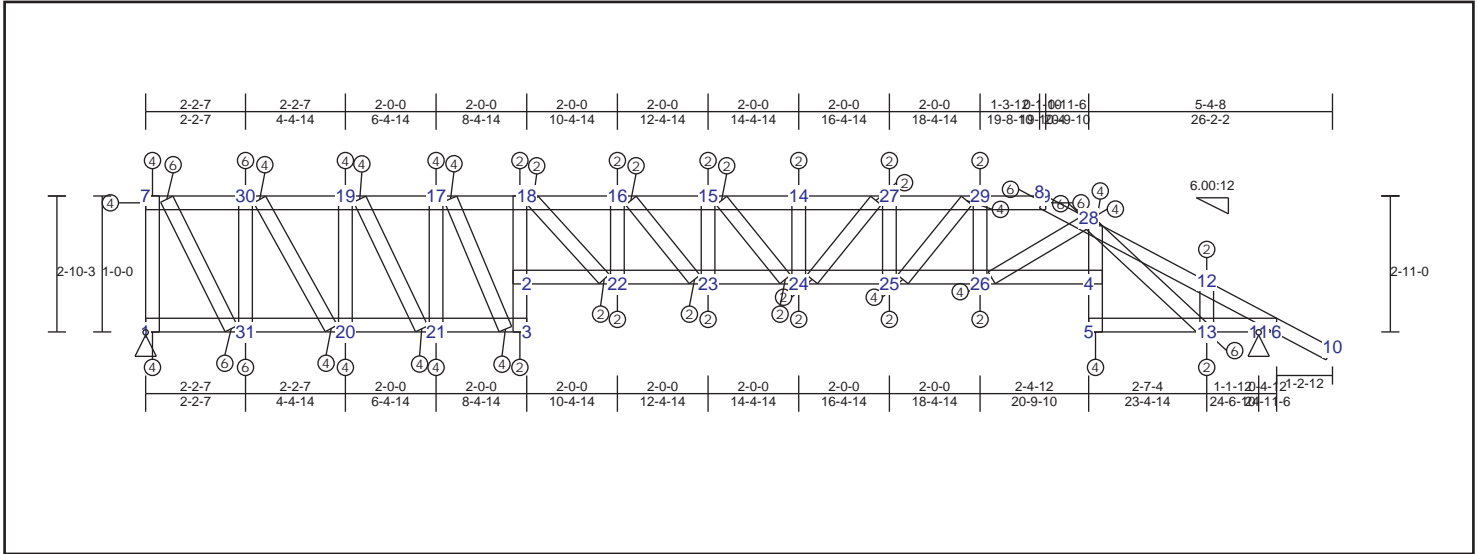
Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
7-29	0.35 -601 lbs	2-22	0.08 -200 lbs	17-21	0.41 -1062 lbs
19-29	0.28 -1157 lbs	22-23	0.08 266 lbs	2-3	0.04 -559 lbs
17-19	0.20 -1527 lbs	23-24	0.08 266 lbs	2-18	0.05 -563 lbs
17-18	0.20 -1788 lbs	24-25	0.08 173 lbs	16-22	0.08 -383 lbs
16-18	0.20 -1991 lbs	25-26	0.09 -281 lbs	15-23	0.01 85 lbs
15-16	0.19 -2058 lbs	4-26	0.10 -281 lbs	14-24	0.05 -213 lbs
14-15	0.18 -2058 lbs	1-30	0.60 -1792 lbs	13-26	0.02 -113 lbs
14-27	0.21 -1966 lbs	20-30	0.52 -1191 lbs	25-27	0.09 -422 lbs
9-27	0.22 -1746 lbs	20-21	0.27 -635 lbs	4-5	0.04 285 lbs
9-13	0.21 -1640 lbs	3-21	0.18 -266 lbs	4-28	0.06 317 lbs
13-28	0.19 -1865 lbs	5-12	0.85 -1721 lbs	19-20	0.46 -1198 lbs
11-28	0.29 -2053 lbs	6-12	0.73 -1721 lbs	11-12	0.08 881 lbs
11-31	0.33 367 lbs			1-7	0.49 -1276 lbs
10-31	0.14 54 lbs			29-30	0.68 -1736 lbs
				6-31	0.13 -910 lbs
				15-24	0.05 -205 lbs
				13-25	0.10 485 lbs
				24-27	0.10 487 lbs
				19-21	0.33 1086 lbs
				18-22	0.08 415 lbs
				16-23	0.03 149 lbs
				3-17	0.24 858 lbs
				26-28	0.04 289 lbs
				12-28	0.56 -2279 lbs
				7-30	0.54 1705 lbs

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

TRUSS TS18 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. MAX CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (7 - 30)	TL(V): 0.15 in.	L / 999 (23-24)	L / 90
BC : 0.88 (5 - 13)	LL(V): 0.1 in.	L / 999 (23-24)	L / 90
Web : 0.63 (28 - 13)	DL(V): 0.05 in.	L / 999 (23-24)	L / 0
	Cant / OH TL: 0.09 in.	2L / 999 10	2L / 90
	Cant / OH LL: 0.09 in.	2L / 999 10	2L / 90
	Horiz TL: 0.02 in.	7	
	Web :		
	Snow/Wind -0.11 in.	L / 999 (23-24)	L / 90
	Cant (Snow/Wind) -0.1 in.	L / 999 10	L / 90

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		600 lbs	310 lbs	0 lbs	0 lbs	600 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Bracing	Section		
Bot Chd	362S162-54(50)	Sheathing			
Web	362S162-54(50)	Purlin (96 in.)			
		Unbraced			

Truss Dimensions

Max Height	Max Width
3-5-3	26-2-2

Material Design Pass

Member Forces Summary

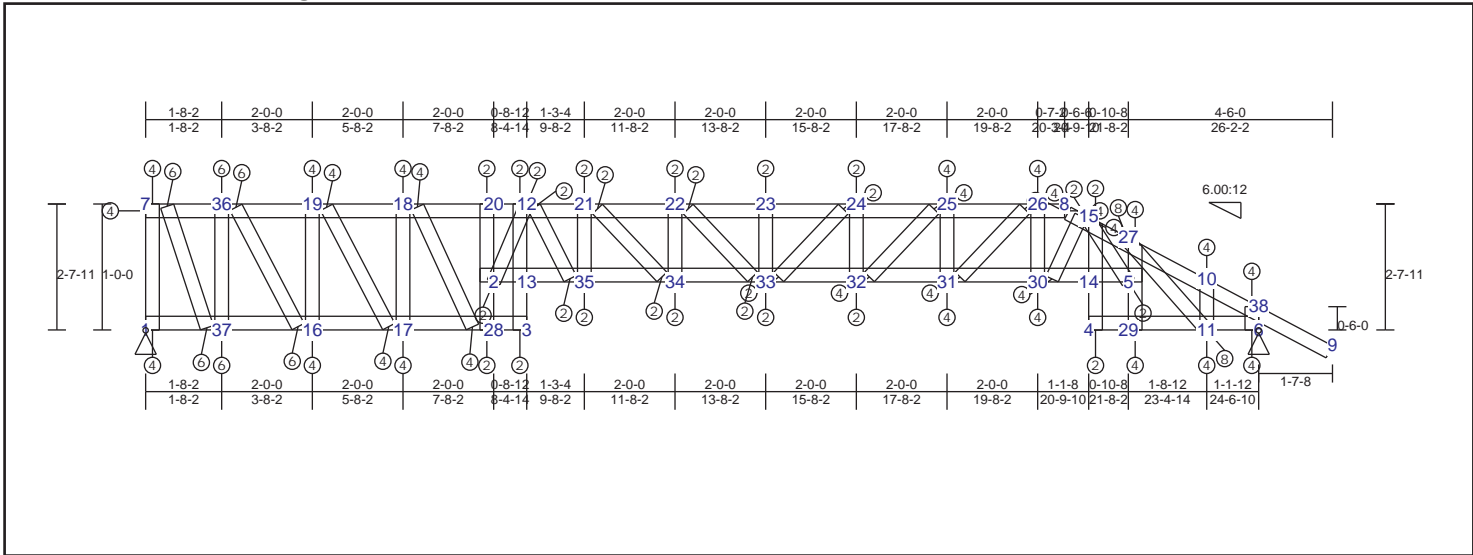
Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
7-30	0.35 -845 lbs	2-22	0.16 684 lbs	17-21	0.23 -1069 lbs
19-30	0.28 -1619 lbs	22-23	0.19 807 lbs	2-3	0.09 -526 lbs
17-19	0.25 -2138 lbs	23-24	0.21 807 lbs	2-18	0.15 -526 lbs
17-18	0.25 -2617 lbs	24-25	0.16 657 lbs	16-22	0.06 -406 lbs
16-18	0.30 -2967 lbs	25-26	0.16 -363 lbs	15-23	0.00 56 lbs
15-16	0.28 -3090 lbs	4-26	0.35 -1114 lbs	14-24	0.02 -148 lbs
14-15	0.27 -3090 lbs	5-13	0.88 -2229 lbs	25-27	0.12 -780 lbs
14-27	0.27 -2940 lbs	11-13	0.88 -2229 lbs	4-5	0.15 728 lbs
27-29	0.31 -2580 lbs	6-11	0.65 -2229 lbs	4-28	0.27 728 lbs
9-29	0.31 -1921 lbs	1-31	0.78 -2284 lbs	19-20	0.26 -1188 lbs
9-28	0.31 -1885 lbs	20-31	0.59 -1438 lbs	12-13	0.08 538 lbs
12-28	0.27 -2240 lbs	20-21	0.28 -665 lbs	26-29	0.07 -463 lbs
10-12	0.21 241 lbs	3-21	0.19 202 lbs	1-7	0.28 -1283 lbs
				30-31	0.38 -1738 lbs
				13-28	0.63 -2234 lbs
				15-24	0.04 -231 lbs
				24-27	0.07 555 lbs
				19-21	0.22 1150 lbs
				18-22	0.06 505 lbs
				16-23	0.02 189 lbs
				25-29	0.12 1013 lbs
				26-28	0.12 862 lbs
				3-17	0.16 855 lbs
				7-31	0.36 1814 lbs
				20-30	0.32 1526 lbs

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

TRUSS TS19 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.37 (7 - 36)	TL(V): 0.12 in.	L / 999 (34-33)	L / 90
BC : 0.88 (29 - 11)	LL(V): 0.08 in.	L / 999 (34-33)	L / 90
Web : 0.45 (27 - 11)	DL(V): 0.04 in.	L / 999 (34-33)	L / 0
	Cant / OH TL: 0.06 in.	2L / 0	28
	Cant / OH LL: 0.06 in.	2L / 0	28
	Horiz TL: 0.02 in.	9	2L / 90
	Web :		
	Snow/Wind -0.09 in.	L / 999 (34-33)	L / 90
	Cant (Snow/Wind) -0.07 in.	L / 0	L / 90

Load Summary

- This Truss has been designed in accordance with LRFD 2016.
- This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2600 lbs	1170 lbs	0 lbs	-660 lbs	2600 lbs
6	Pin		-2550 lbs	1340 lbs	0 lbs	-780 lbs	-2550 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-3-6	26-2-2

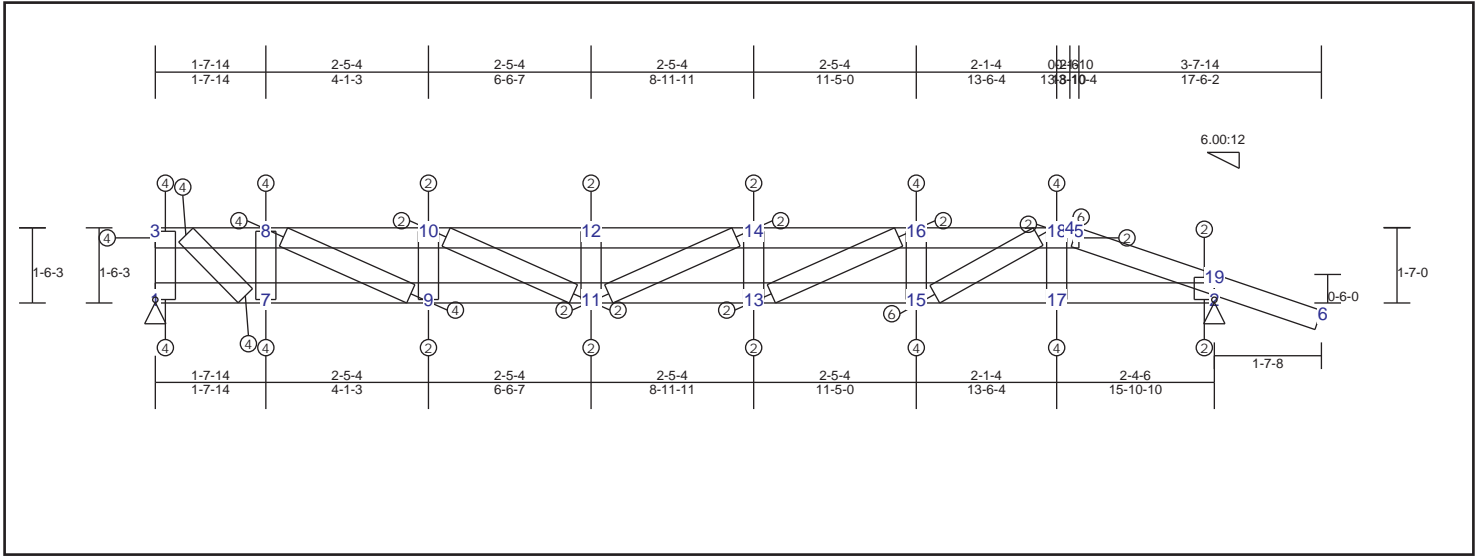
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
7-36	0.37	-660 lbs	-660 lbs	2-13	0.15	-238 lbs	-238 lbs	3-13	0.02	212 lbs	-154 lbs
19-36	0.30	-1511 lbs	-1511 lbs	13-35	0.13	454 lbs	-403 lbs	12-13	0.03	212 lbs	-154 lbs
18-19	0.25	-2131 lbs	-2131 lbs	34-35	0.18	664 lbs	-544 lbs	4-14	0.12	-163 lbs	-163 lbs
18-20	0.26	-2520 lbs	-2520 lbs	33-34	0.18	664 lbs	-544 lbs	14-15	0.20	-402 lbs	-402 lbs
12-20	0.23	-2835 lbs	-2835 lbs	32-33	0.14	571 lbs	-460 lbs	10-11	0.10	987 lbs	-677 lbs
12-21	0.25	-3058 lbs	-3058 lbs	31-32	0.20	-369 lbs	-369 lbs	1-7	0.26	-1363 lbs	-1363 lbs
21-22	0.30	-3268 lbs	-3268 lbs	30-31	0.43	-1304 lbs	-1304 lbs	17-18	0.20	-1037 lbs	-1037 lbs
22-23	0.28	-3268 lbs	-3268 lbs	14-30	0.58	-1728 lbs	-1728 lbs	16-19	0.26	-1370 lbs	-1370 lbs
23-24	0.30	-3175 lbs	-3175 lbs	5-14	0.56	-1728 lbs	-1728 lbs	2-28	0.08	-796 lbs	-796 lbs
24-25	0.27	-2876 lbs	-2876 lbs	1-37	0.88	-2604 lbs	-2604 lbs	2-20	0.10	-796 lbs	-796 lbs
25-26	0.29	-2236 lbs	-2236 lbs	16-37	0.75	-1945 lbs	-1945 lbs	5-29	0.11	734 lbs	-368 lbs
8-26	0.16	-1300 lbs	-1300 lbs	16-17	0.42	-1093 lbs	-1093 lbs	5-27	0.19	734 lbs	-396 lbs
8-15	0.21	-1187 lbs	-1187 lbs	17-28	0.22	-473 lbs	-473 lbs	21-35	0.06	-397 lbs	-397 lbs
15-27	0.17	-1492 lbs	-1492 lbs	3-28	0.07	35 lbs	-21 lbs	22-34	0.02	-106 lbs	-106 lbs
10-27	0.27	-1476 lbs	-1476 lbs	4-29	0.11	-345 lbs	-345 lbs	23-33	0.02	-151 lbs	-151 lbs
10-38	0.31	374 lbs	-339 lbs	11-29	0.88	-2553 lbs	-2553 lbs	24-32	0.08	-530 lbs	-530 lbs
9-38	0.14	54 lbs	0 lbs	6-11	0.88	-2553 lbs	-2553 lbs	25-31	0.14	-939 lbs	-939 lbs
								26-30	0.13	-871 lbs	-871 lbs
								36-37	0.39	-2045 lbs	-2045 lbs
								2-12	0.11	-712 lbs	-712 lbs
								5-15	0.03	348 lbs	-181 lbs
								11-27	0.45	-2706 lbs	-2706 lbs
								6-38	0.13	-879 lbs	-879 lbs
								15-30	0.11	964 lbs	-730 lbs
								18-28	0.13	840 lbs	-599 lbs

TRUSS TT01 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.59 (16 - 18)	TL(V): 0.11 in.	L / 999 (16-18)	L / 90
BC : 0.73 (15 - 17)	LL(V): 0.07 in.	L / 999 (16-18)	L / 90
Web : 0.22 (15 - 18)	DL(V): 0.04 in.	L / 999 (16-18)	L / 0
	Cant / OH TL: -0.06 in.	2L / 772	6 2L / 90
	Cant / OH LL: -0.06 in.	2L / 772	6 2L / 90
	Horiz TL: 0.06 in.		6
	Web :		
	Snow/Wind -0.07 in.	L / 999 (13-15)	L / 90
	Cant (Snow/Wind) 0.03 in.	L / 999	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00: 12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1140 lbs	740 lbs	0 lbs	-420 lbs	1140 lbs
2	Pin		-1110 lbs	910 lbs	0 lbs	-610 lbs	-1110 lbs

Materials		Material Exceptions	
Type	Material	Section	Material
Top Chd	362S162-54(50)	Bracing	Bracing
Bot Chd	362S162-54(50)	Sheathing	
Web	362S162-54(50)	Purlin (96 in.)	
		Unbraced	

Truss Dimensions

Max Height	Max Width
2-1-3	17-6-2

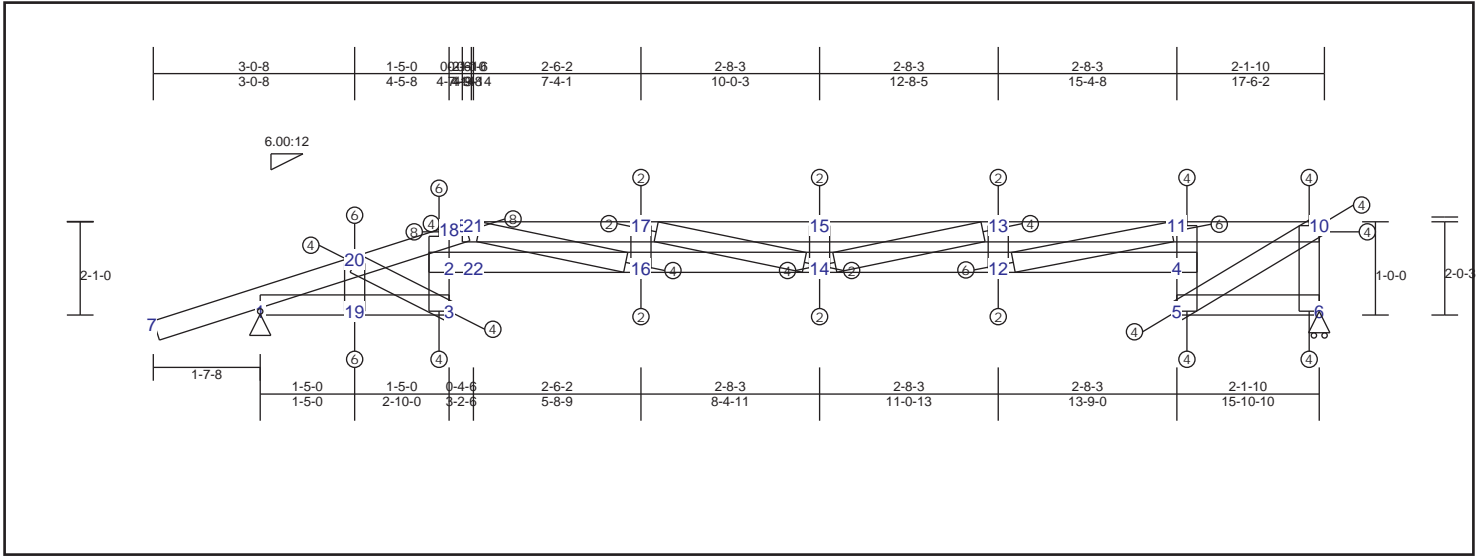
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force	Member Id	CSI	Max Axial Force	Max Comp. Force
3-8	0.23	-783 lbs	-783 lbs	1-7	0.38	-1143 lbs	-1143 lbs	7-8	0.17	-1132 lbs	-1132 lbs
8-10	0.19	-1771 lbs	-1771 lbs	7-9	0.23	628 lbs	-441 lbs	9-10	0.08	-530 lbs	-530 lbs
10-12	0.23	-2206 lbs	-2206 lbs	9-11	0.25	1064 lbs	-747 lbs	11-12	0.03	-215 lbs	-215 lbs
12-14	0.23	-2253 lbs	-2253 lbs	11-13	0.26	1110 lbs	-764 lbs	13-14	0.02	138 lbs	-119 lbs
14-16	0.23	-2253 lbs	-2253 lbs	13-15	0.24	1110 lbs	-764 lbs	15-16	0.15	-1045 lbs	-1045 lbs
16-18	0.59	-1877 lbs	-1877 lbs	15-17	0.73	-1111 lbs	-1111 lbs	17-18	0.12	-835 lbs	-835 lbs
5-18	0.35	157 lbs	-63 lbs	2-17	0.73	-1111 lbs	-1111 lbs	1-3	0.13	-876 lbs	-876 lbs
5-19	0.26	262 lbs	-194 lbs					2-19	0.08	585 lbs	-555 lbs
6-19	0.14	54 lbs	0 lbs					8-9	0.15	1182 lbs	-860 lbs
								10-11	0.06	521 lbs	-366 lbs
								11-14	0.01	-56 lbs	-56 lbs
								13-16	0.07	449 lbs	-385 lbs
								15-18	0.22	2388 lbs	-1472 lbs
								3-7	0.15	1412 lbs	-1037 lbs

TRUSS TT02 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.53 (17 - 15)	TL(V): 0.29 in.	L / 529 (17-15)	L / 90
BC : 0.95 (1 - 19)	LL(V): 0.14 in.	L / 999 (17-15)	L / 90
Web : 0.65 (2 - 18)	DL(V): 0.15 in.	L / 999 (17-15)	L / 0
	Cant / OH TL: 0.09 in.	2L / 0 (2-16)	2L / 90
	Cant / OH LL: 0.09 in.	2L / 0 (2-16)	2L / 90
	Horiz TL: 0.06 in.	6	
	Web :		
	Snow/Wind -0.16 in.	L / 965 (17-15)	L / 90
	Cant (Snow/Wind) -0.11 in. / 0	(2-16)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		170 lbs	1150 lbs	0 lbs	-250 lbs	170 lbs
6	HRoll		0 lbs	960 lbs	0 lbs	-280 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-8-7	17-7-6

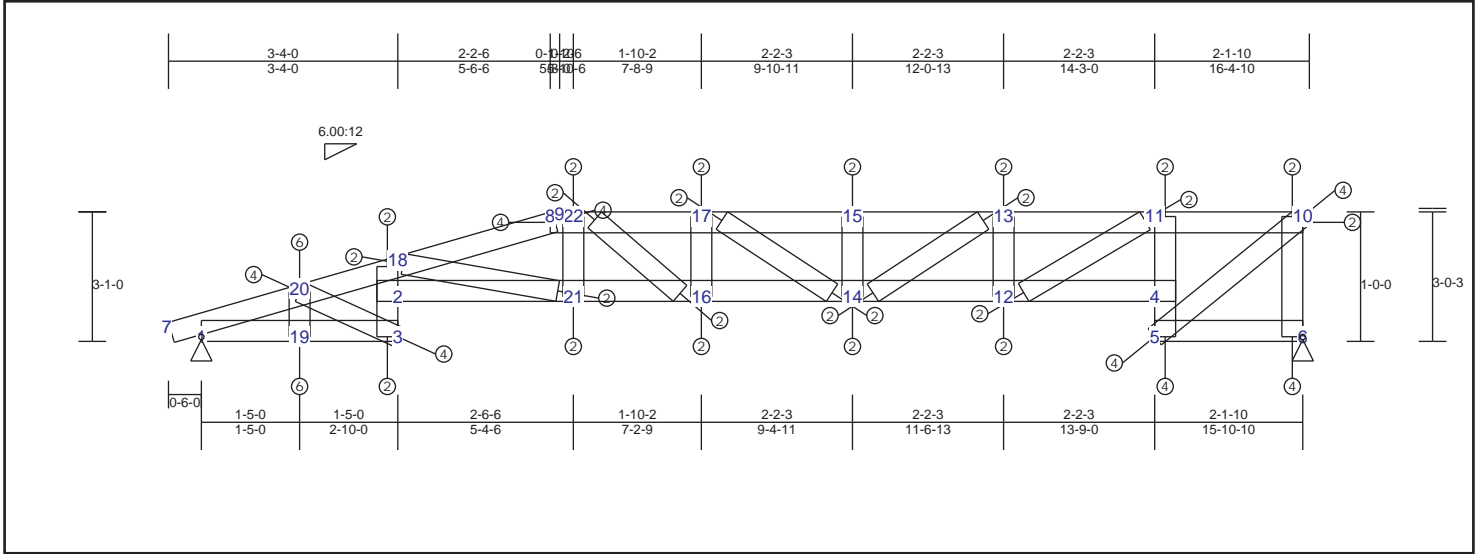
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-21	0.32	-2976 lbs	-2976 lbs	2-16	0.81	4305 lbs	-2474 lbs	4-5	0.29	-801 lbs	-801 lbs
17-21	0.47	-4305 lbs	-4305 lbs	14-16	0.87	4688 lbs	-2716 lbs	4-11	0.53	-801 lbs	-801 lbs
15-17	0.53	-4688 lbs	-4688 lbs	12-14	0.87	4688 lbs	-2716 lbs	12-13	0.08	-564 lbs	-564 lbs
13-15	0.53	-4688 lbs	-4688 lbs	4-12	0.76	3914 lbs	-2275 lbs	14-15	0.04	-250 lbs	-250 lbs
11-13	0.46	-3914 lbs	-3914 lbs	5-6	0.01	0 lbs	0 lbs	16-17	0.06	-400 lbs	-400 lbs
10-11	0.22	-1970 lbs	-1970 lbs	1-19	0.95	-169 lbs	-169 lbs	2-3	0.36	468 lbs	-392 lbs
7-20	0.44	-1515 lbs	-1515 lbs	3-19	0.95	-169 lbs	-169 lbs	2-18	0.65	518 lbs	-400 lbs
18-20	0.42	-2925 lbs	-2925 lbs					19-20	0.35	-2358 lbs	-2358 lbs
8-18	0.30	-2925 lbs	-2925 lbs					6-10	0.14	-937 lbs	-937 lbs
								3-20	0.10	1327 lbs	-649 lbs
								5-10	0.15	1206 lbs	-709 lbs
								13-14	0.09	813 lbs	-462 lbs
								14-17	0.05	402 lbs	-253 lbs
								11-12	0.25	2030 lbs	-1178 lbs
								16-21	0.15	1398 lbs	-827 lbs

TRUSS TT03 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.35 (7 - 20)	TL(V): 0.09 in.	L / 804	18 L / 90
BC : 0.98 (1 - 19)	LL(V): 0.04 in.	L / 999	18 L / 90
Web : 0.31 (4 - 11)	DL(V): 0.05 in.	L / 999	(20-18) L / 0
	Cant / OH TL: 0.04 in.	2L / 81	(20-18) 2L / 90
	Cant / OH LL: 0.04 in.	2L / 81	(20-18) 2L / 90
	Horiz TL: -0.01 in.		10
	Web :		
	Snow/Wind -0.05 in.	L / 999	(18-8) L / 90
	Cant (Snow/Wind) -0.04 in. L / 348		(19-3) L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 10.00 psf; BC Live = 0.00 psf; BC Dead = 10.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1030 lbs	1020 lbs	0 lbs	-190 lbs	1030 lbs
6	Pin		-1080 lbs	970 lbs	0 lbs	-270 lbs	-1080 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-2-9	16-6-2

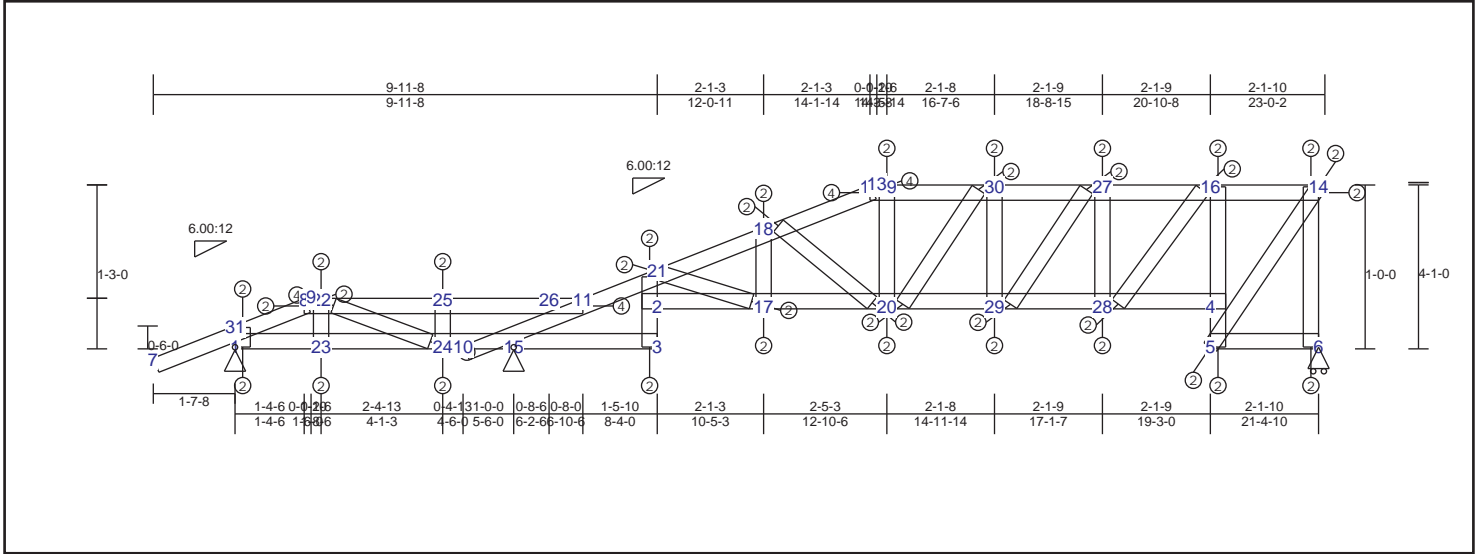
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-22	0.18	-1419 lbs	-1419 lbs	2-21	0.14	607 lbs	-420 lbs	4-5	0.22	-931 lbs	-931 lbs
17-22	0.16	-1568 lbs	-1568 lbs	16-21	0.09	492 lbs	-287 lbs	4-11	0.31	-931 lbs	-931 lbs
15-17	0.14	-1568 lbs	-1568 lbs	14-16	0.07	492 lbs	-287 lbs	12-13	0.11	-728 lbs	-728 lbs
13-15	0.17	-1506 lbs	-1506 lbs	12-14	0.15	430 lbs	-267 lbs	14-15	0.04	-248 lbs	-248 lbs
11-13	0.13	-1068 lbs	-1068 lbs	4-12	0.18	-540 lbs	-540 lbs	16-17	0.02	-164 lbs	-164 lbs
10-11	0.15	-661 lbs	-661 lbs	5-6	0.33	-1093 lbs	-1093 lbs	2-3	0.09	-166 lbs	-166 lbs
7-20	0.35	-1572 lbs	-1572 lbs	1-19	0.98	-1028 lbs	-1028 lbs	2-18	0.12	-166 lbs	-166 lbs
18-20	0.33	-1770 lbs	-1770 lbs	3-19	0.98	-1028 lbs	-1028 lbs	19-20	0.31	-2103 lbs	-2103 lbs
8-18	0.21	-1770 lbs	-1770 lbs					21-22	0.02	161 lbs	-107 lbs
								6-10	0.13	-949 lbs	-949 lbs
								3-20	0.11	1620 lbs	-734 lbs
								5-10	0.21	1170 lbs	-670 lbs
								11-12	0.09	762 lbs	-437 lbs
								13-14	0.07	662 lbs	-359 lbs
								14-17	0.02	106 lbs	-94 lbs
								16-22	0.03	267 lbs	-191 lbs
								18-21	0.05	-275 lbs	-275 lbs

TRUSS TT04 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.31 (10 - 11)	TL(V): 0.04 in.	L / 999	17	L / 90
BC : 0.32 (2 - 17)	LL(V): 0.02 in.	L / 999	17	L / 90
Web : 0.26 (2 - 21)	DL(V): 0.01 in.	L / 999	(17-20)	L / 0
	Cant / OH TL: 0.02 in.	2L / 0	(2-17)	2L / 90
	Cant / OH LL: 0.02 in.	2L / 0	(2-17)	2L / 90
	Horiz TL: 0.02 in.		5	
	Web :			
	Snow/Wind -0.03 in.	L / 999	(21-18)	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-180 lbs	-280 lbs	0 lbs	-280 lbs	-180 lbs
6	HRoll		0 lbs	700 lbs	0 lbs	-390 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-7-15	23-1-12

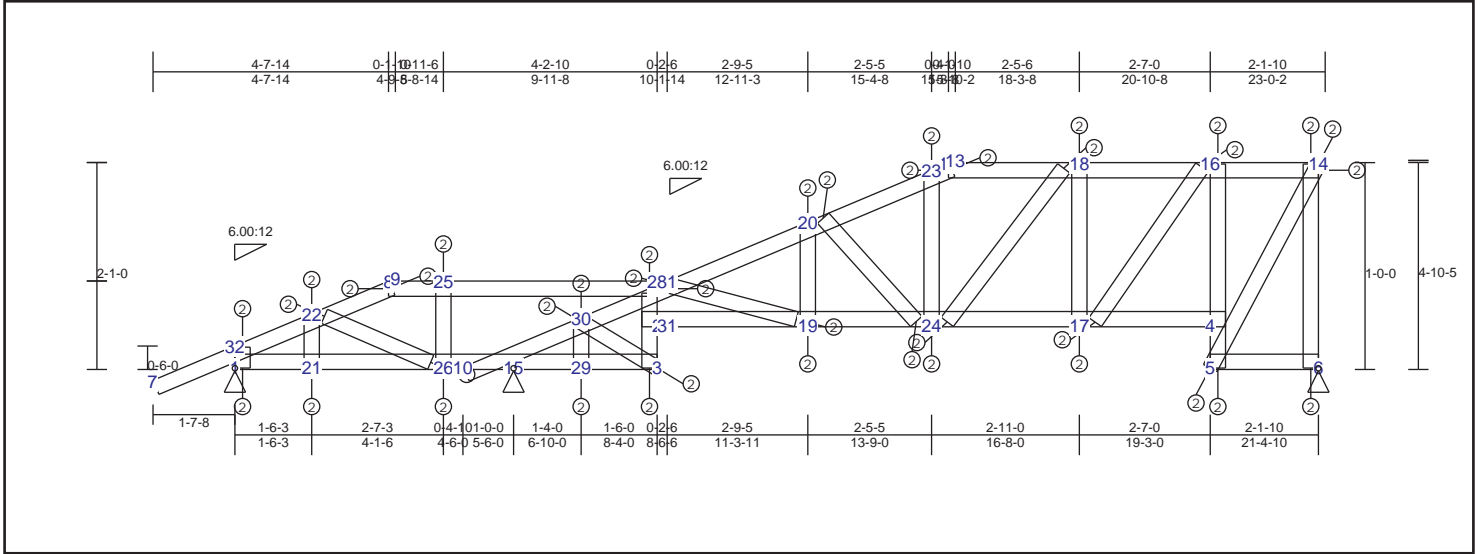
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
12-19	0.10	-917 lbs	-917 lbs	2-17	0.32	1184 lbs	-983 lbs	4-5	0.12	-646 lbs	-646 lbs
19-30	0.10	-917 lbs	-917 lbs	17-20	0.27	1126 lbs	-833 lbs	4-16	0.20	-755 lbs	-755 lbs
27-30	0.10	-911 lbs	-911 lbs	20-29	0.21	917 lbs	-646 lbs	17-18	0.01	-96 lbs	-96 lbs
16-27	0.14	-756 lbs	-756 lbs	28-29	0.21	911 lbs	-646 lbs	2-3	0.15	-104 lbs	-104 lbs
14-16	0.13	-390 lbs	-390 lbs	4-28	0.19	756 lbs	-542 lbs	2-21	0.26	-104 lbs	-104 lbs
8-22	0.08	142 lbs	-52 lbs	5-6	0.01	-13 lbs	-13 lbs	22-23	0.04	-275 lbs	-275 lbs
22-25	0.12	794 lbs	-593 lbs	1-23	0.16	-177 lbs	-177 lbs	24-25	0.01	-89 lbs	-89 lbs
11-25	0.12	794 lbs	-593 lbs	23-24	0.28	-644 lbs	-644 lbs	19-20	0.04	283 lbs	-182 lbs
7-31	0.14	54 lbs	0 lbs	10-24	0.25	-644 lbs	-644 lbs	6-14	0.09	-688 lbs	-688 lbs
8-31	0.16	195 lbs	-80 lbs	10-15	0.30	-644 lbs	-644 lbs	27-28	0.13	-552 lbs	-552 lbs
10-11	0.31	-1466 lbs	-1466 lbs	3-15	0.30	534 lbs	-390 lbs	29-30	0.06	-248 lbs	-248 lbs
11-21	0.19	-1274 lbs	-1274 lbs					1-31	0.04	435 lbs	-301 lbs
18-21	0.19	-1274 lbs	-1274 lbs					5-14	0.24	745 lbs	-541 lbs
12-18	0.12	-1140 lbs	-1140 lbs					18-20	0.06	328 lbs	-301 lbs
								17-21	0.01	161 lbs	-68 lbs
								22-24	0.14	-907 lbs	-907 lbs
								27-29	0.07	335 lbs	-254 lbs
								16-28	0.16	730 lbs	-518 lbs
								20-30	0.03	-100 lbs	-100 lbs

TRUSS TT05 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary		Deflection		L/	(Loc)	Max. Allowed
TC :	0.24 (10 - 30)	TL(V):	0.01 in.	L / 999	(2-19)	L / 90
BC :	0.32 (10 - 15)	LL(V):	0.01 in.	L / 999	(2-19)	L / 90
Web :	0.35 (5 - 14)	DL(V):	0 in.	L / 999	(8-25)	L / 0
		Cant / OH TL:	0.01 in.	2L / 0	(2-19)	2L / 90
		Cant / OH LL:	0.01 in.	2L / 0	(2-19)	2L / 90
		Horiz TL:	0.01 in.		7	
		Web :				
		Snow/Wind -0.03 in.	L / 999		7	L / 90
		Cant (Snow/Wind) -0.03 in.	L / 999		7	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		120 lbs	-270 lbs	0 lbs	-270 lbs	120 lbs
6	Pin		-510 lbs	710 lbs	0 lbs	-450 lbs	-510 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-5-3	23-1-12

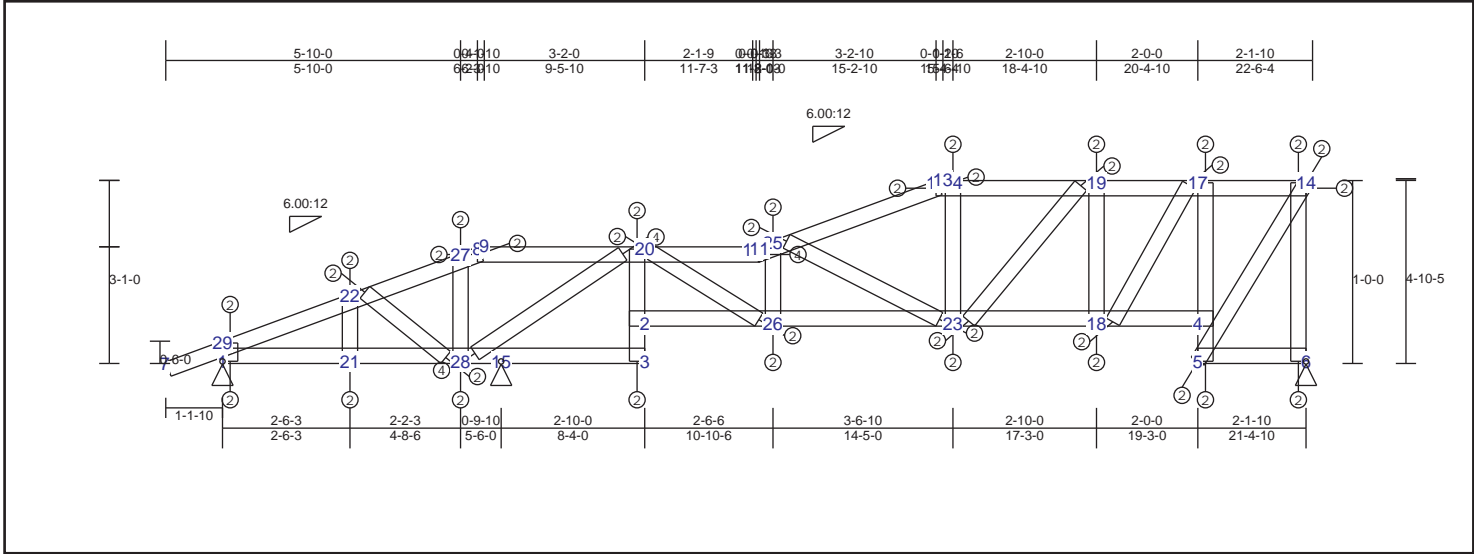
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-25	0.07	448 lbs	-337 lbs	2-19	0.17	-503 lbs	-503 lbs	4-5	0.15	-681 lbs	-681 lbs
11-25	0.07	448 lbs	-337 lbs	19-24	0.10	357 lbs	-311 lbs	4-16	0.20	-681 lbs	-681 lbs
12-18	0.08	-653 lbs	-653 lbs	17-24	0.11	143 lbs	-100 lbs	17-18	0.18	-488 lbs	-488 lbs
16-18	0.09	-487 lbs	-487 lbs	4-17	0.12	-241 lbs	-241 lbs	19-20	0.02	128 lbs	-127 lbs
14-16	0.11	-296 lbs	-296 lbs	5-6	0.16	-523 lbs	-523 lbs	21-22	0.05	-312 lbs	-312 lbs
7-32	0.14	54 lbs	0 lbs	1-21	0.15	-137 lbs	-137 lbs	6-14	0.12	-703 lbs	-703 lbs
22-32	0.16	204 lbs	-80 lbs	21-26	0.24	390 lbs	-377 lbs	23-24	0.02	103 lbs	-70 lbs
8-22	0.12	468 lbs	-334 lbs	10-26	0.22	390 lbs	-377 lbs	25-26	0.07	-434 lbs	-434 lbs
10-30	0.24	-1256 lbs	-1256 lbs	10-15	0.32	390 lbs	-377 lbs	2-3	0.07	-230 lbs	-230 lbs
27-30	0.16	-1582 lbs	-1582 lbs	15-29	0.32	-289 lbs	-289 lbs	2-27	0.13	-230 lbs	-230 lbs
11-27	0.15	-1582 lbs	-1582 lbs	3-29	0.15	-289 lbs	-289 lbs	29-30	0.08	-522 lbs	-522 lbs
11-20	0.13	-1089 lbs	-1089 lbs					3-30	0.05	607 lbs	-342 lbs
20-23	0.11	-842 lbs	-842 lbs					5-14	0.35	758 lbs	-613 lbs
12-23	0.08	-656 lbs	-656 lbs					1-32	0.04	456 lbs	-297 lbs
								16-17	0.16	433 lbs	-350 lbs
								18-24	0.14	309 lbs	-294 lbs
								20-24	0.09	-354 lbs	-354 lbs
								22-26	0.10	592 lbs	-549 lbs
								11-19	0.03	252 lbs	-148 lbs

TRUSS TT06 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.16 (20 - 16)	TL(V): 0.02 in.	L / 999	(25-12)	L / 90
BC : 0.29 (28 - 15)	LL(V): 0.02 in.	L / 999	(25-12)	L / 90
Web : 0.44 (28 - 20)	DL(V): 0 in.	L / 999	(12-24)	L / 0
	Cant / OH TL: 0.01 in.	2L / 0	20	2L / 90
	Cant / OH LL: 0.01 in.	2L / 0	20	2L / 90
	Horiz TL: 0 in.		20	
	Web :			
	Snow/Wind -0.02 in.	L / 999	(26-23)	L / 90
	Cant (Snow/Wind) -0.01 in.	L / 0	20	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		30 lbs	270 lbs	0 lbs	-260 lbs	30 lbs
6	Pin		-460 lbs	730 lbs	0 lbs	-450 lbs	-460 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-2-4	22-7-14

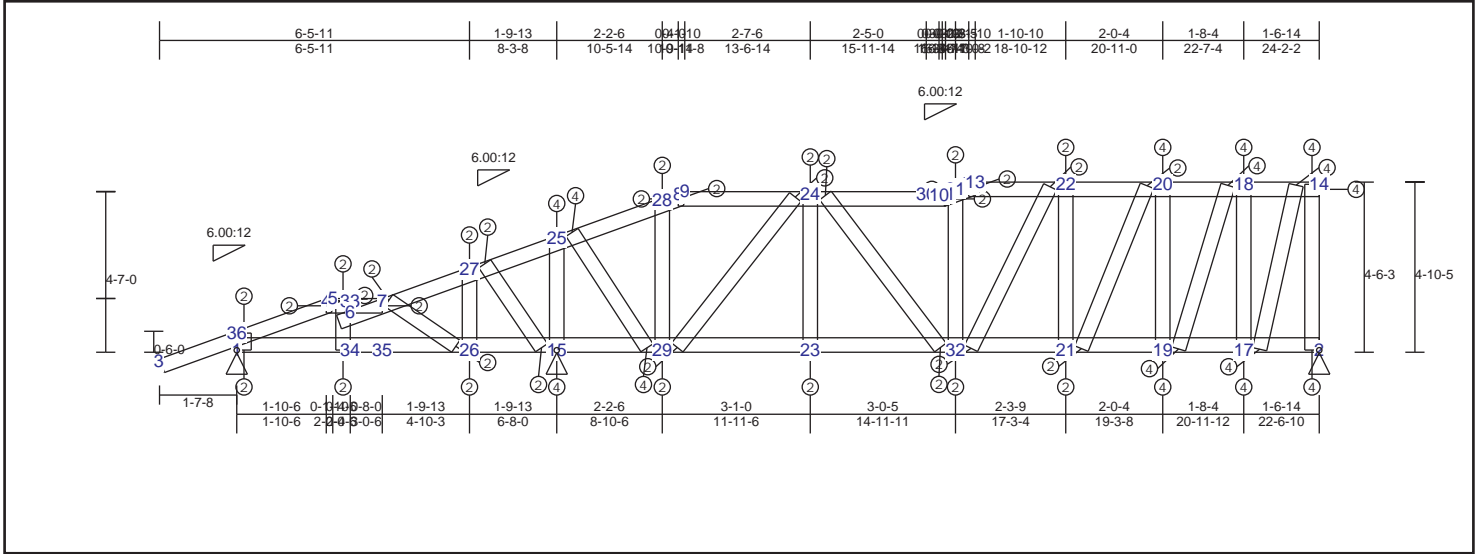
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
12-24	0.09	-667 lbs	-667 lbs	2-26	0.13	519 lbs	-412 lbs	4-5	0.13	-688 lbs	-688 lbs
19-24	0.10	-667 lbs	-667 lbs	23-26	0.12	519 lbs	-412 lbs	4-17	0.18	-688 lbs	-688 lbs
17-19	0.10	-472 lbs	-472 lbs	18-23	0.13	202 lbs	-128 lbs	18-19	0.22	-598 lbs	-598 lbs
14-17	0.11	-299 lbs	-299 lbs	4-18	0.13	211 lbs	-181 lbs	2-3	0.04	-136 lbs	-136 lbs
8-20	0.15	-504 lbs	-504 lbs	5-6	0.14	-477 lbs	-477 lbs	2-20	0.07	-136 lbs	-136 lbs
16-20	0.16	-953 lbs	-953 lbs	1-21	0.05	-27 lbs	-27 lbs	21-22	0.02	232 lbs	-167 lbs
7-29	0.07	39 lbs	0 lbs	21-28	0.23	-277 lbs	-277 lbs	6-14	0.12	-719 lbs	-719 lbs
22-29	0.09	153 lbs	-83 lbs	15-28	0.29	401 lbs	-277 lbs	23-24	0.01	55 lbs	-39 lbs
22-27	0.06	263 lbs	-36 lbs	3-15	0.29	401 lbs	-204 lbs	25-26	0.05	-345 lbs	-345 lbs
8-27	0.03	190 lbs	0 lbs					27-28	0.05	-246 lbs	-246 lbs
16-25	0.14	-974 lbs	-974 lbs					5-14	0.35	765 lbs	-607 lbs
12-25	0.15	-974 lbs	-974 lbs					1-29	0.04	329 lbs	-274 lbs
								17-18	0.16	496 lbs	-379 lbs
								19-23	0.15	374 lbs	-325 lbs
								20-26	0.09	588 lbs	-373 lbs
								20-28	0.44	-918 lbs	-918 lbs
								22-28	0.07	-379 lbs	-379 lbs
								23-25	0.14	-386 lbs	-386 lbs

TRUSS TT08 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.42 (27 - 25)	TL(V): 0.04 in.	L / 196	(16-31)	L / 90
BC : 0.43 (19 - 17)	LL(V): 0.03 in.	L / 287	(16-31)	L / 90
Web : 0.91 (17 - 18)	DL(V): 0.01 in.	L / 999	(24-16)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		8	
	Web :			
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-80 lbs	-380 lbs	0 lbs	-380 lbs	-80 lbs
2	Pin		-330 lbs	700 lbs	0 lbs	-460 lbs	-330 lbs
15	Pin		350 lbs	1300 lbs	0 lbs	-510 lbs	350 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-4-8	24-2-2

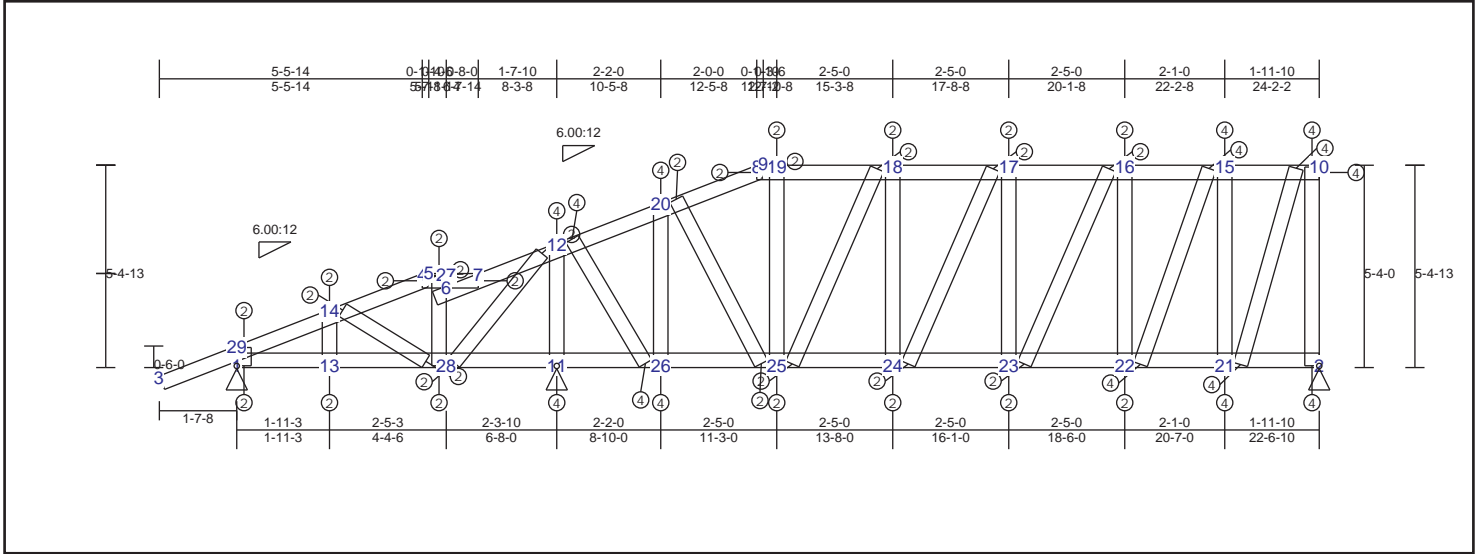
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			Bot Chord			Web					
4-33	0.09	154 lbs	-81 lbs	1-34	0.08	-84 lbs	-84 lbs	17-18	0.91	-1190 lbs	-1190 lbs
7-33	0.06	154 lbs	-81 lbs	26-34	0.09	139 lbs	-136 lbs	19-20	0.57	-768 lbs	-768 lbs
12-22	0.18	-589 lbs	-589 lbs	15-26	0.16	-519 lbs	-519 lbs	21-22	0.26	388 lbs	-367 lbs
20-22	0.21	-512 lbs	-512 lbs	15-29	0.33	-519 lbs	-519 lbs	23-24	0.05	157 lbs	-75 lbs
18-20	0.34	-369 lbs	-369 lbs	23-29	0.29	181 lbs	-164 lbs	15-25	0.43	-1203 lbs	-1203 lbs
14-18	0.40	-172 lbs	-172 lbs	23-32	0.10	263 lbs	-174 lbs	26-27	0.05	225 lbs	-182 lbs
8-24	0.23	511 lbs	-503 lbs	21-32	0.15	263 lbs	-174 lbs	28-29	0.09	-148 lbs	-148 lbs
16-24	0.19	-584 lbs	-584 lbs	19-21	0.28	185 lbs	-85 lbs	31-32	0.22	-331 lbs	-331 lbs
16-31	0.16	-608 lbs	-608 lbs	17-19	0.43	216 lbs	-154 lbs	2-14	0.59	-796 lbs	-796 lbs
12-31	0.18	-608 lbs	-608 lbs	2-17	0.43	360 lbs	-326 lbs	6-34	0.02	-109 lbs	-109 lbs
6-7	0.06	182 lbs	-27 lbs					6-33	0.02	-109 lbs	-109 lbs
7-27	0.10	298 lbs	-73 lbs					1-36	0.09	458 lbs	-350 lbs
25-27	0.42	340 lbs	-198 lbs					18-19	0.61	928 lbs	-794 lbs
25-28	0.37	319 lbs	-198 lbs					20-21	0.37	509 lbs	-470 lbs
8-28	0.07	312 lbs	-176 lbs					15-27	0.05	232 lbs	-179 lbs
3-36	0.25	54 lbs	0 lbs					25-29	0.17	847 lbs	-370 lbs
4-36	0.30	205 lbs	-102 lbs					24-29	0.58	-692 lbs	-692 lbs
								24-32	0.02	169 lbs	-20 lbs
								22-32	0.21	-267 lbs	-267 lbs
								7-26	0.08	289 lbs	-287 lbs
								14-17	0.69	1083 lbs	-908 lbs

TRUSS TT09 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.39 (15 - 10)	TL(V): 0.02 in.	L / 999	(17-16)	L / 90
BC : 0.39 (22 - 21)	LL(V): 0.02 in.	L / 999	(17-16)	L / 90
Web : 0.97 (21 - 15)	DL(V): 0 in.	L / 999	(4-27)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		8	
	Web :			
	Snow/Wind -0.03 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFSD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	90 lbs	380 lbs	0 lbs	-380 lbs	90 lbs	90 lbs
2	Pin	-290 lbs	720 lbs	0 lbs	-480 lbs	-290 lbs	-290 lbs
11	Pin	300 lbs	1280 lbs	0 lbs	-610 lbs	300 lbs	300 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-11-0	24-2-2

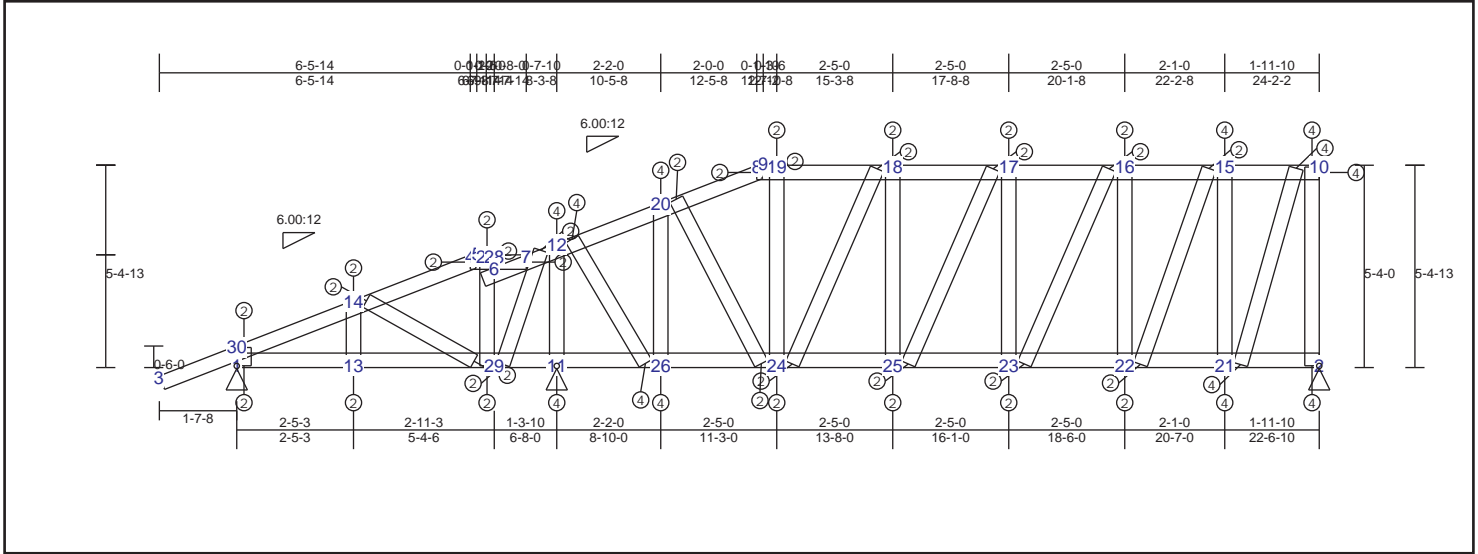
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-27	0.06	141 lbs	-63 lbs	1-13	0.11	-102 lbs	-102 lbs	11-12	0.46	-1264 lbs	-1264 lbs
7-27	0.03	135 lbs	-63 lbs	13-28	0.11	-102 lbs	-102 lbs	13-14	0.03	-109 lbs	-109 lbs
8-19	0.09	441 lbs	-406 lbs	11-28	0.11	-409 lbs	-409 lbs	20-26	0.49	-809 lbs	-809 lbs
18-19	0.12	-515 lbs	-515 lbs	11-26	0.30	-409 lbs	-409 lbs	19-25	0.05	-60 lbs	-60 lbs
17-18	0.12	-520 lbs	-520 lbs	25-26	0.30	120 lbs	-119 lbs	15-21	0.97	-1039 lbs	-1039 lbs
16-17	0.17	-520 lbs	-520 lbs	24-25	0.14	228 lbs	-171 lbs	16-22	0.53	-586 lbs	-586 lbs
15-16	0.29	-408 lbs	-408 lbs	23-24	0.11	233 lbs	-171 lbs	17-23	0.22	299 lbs	-254 lbs
10-15	0.39	-213 lbs	-213 lbs	22-23	0.22	233 lbs	-144 lbs	18-24	0.01	149 lbs	-6 lbs
3-29	0.25	54 lbs	0 lbs	21-22	0.39	142 lbs	-81 lbs	2-10	0.72	-784 lbs	-784 lbs
14-29	0.30	214 lbs	-101 lbs	2-21	0.39	323 lbs	-287 lbs	6-28	0.07	-230 lbs	-230 lbs
4-14	0.08	168 lbs	-55 lbs					6-27	0.04	-230 lbs	-230 lbs
6-7	0.03	212 lbs	-31 lbs					1-29	0.09	478 lbs	-348 lbs
7-12	0.39	344 lbs	-222 lbs					12-26	0.18	800 lbs	-403 lbs
12-20	0.34	-491 lbs	-491 lbs					18-25	0.33	-339 lbs	-339 lbs
8-20	0.22	-491 lbs	-491 lbs					20-25	0.16	522 lbs	-221 lbs
								17-24	0.09	-98 lbs	-98 lbs
								16-23	0.34	-354 lbs	-354 lbs
								15-22	0.63	742 lbs	-657 lbs
								14-28	0.03	182 lbs	-98 lbs
								12-28	0.09	294 lbs	-227 lbs
								10-21	0.81	990 lbs	-841 lbs

TRUSS TT10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.39 (15 - 10)	TL(V): 0.02 in.	L / 999	(17-16)	L / 90
BC : 0.39 (22 - 21)	LL(V): 0.02 in.	L / 999	(17-16)	L / 90
Web : 0.97 (21 - 15)	DL(V): 0 in.	L / 999	(8-19)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		30	
	Web :			
	Snow/Wind -0.04 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFSD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-50 lbs	-390 lbs	0 lbs	-390 lbs	-50 lbs
2	Pin		290 lbs	720 lbs	0 lbs	-490 lbs	290 lbs
11	Pin		280 lbs	1300 lbs	0 lbs	-630 lbs	280 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-11-0	24-2-2

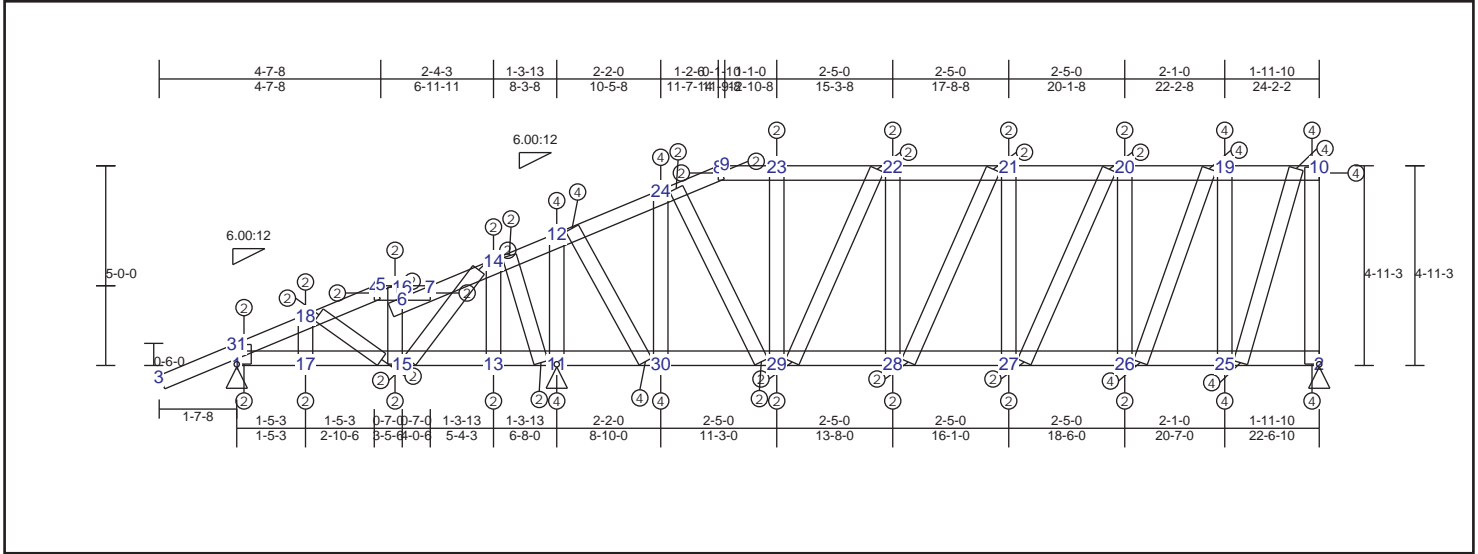
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
8-19	0.09 452 lbs	1-13	0.08 -59 lbs	11-12	0.45 -1234 lbs
18-19	0.12 -510 lbs	13-29	0.09 142 lbs	13-14	0.02 -62 lbs
17-18	0.12 -517 lbs	11-29	0.15 -404 lbs	2-10	0.71 -781 lbs
16-17	0.17 -517 lbs	11-26	0.30 -404 lbs	15-21	0.97 -1035 lbs
15-16	0.29 -406 lbs	24-26	0.30 -120 lbs	16-22	0.52 -582 lbs
10-15	0.39 -212 lbs	24-25	0.14 227 lbs	17-23	0.22 306 lbs
3-30	0.25 54 lbs	23-25	0.12 233 lbs	18-25	0.02 164 lbs
14-30	0.30 209 lbs	22-23	0.22 233 lbs	19-24	0.06 -73 lbs
4-14	0.08 221 lbs	21-22	0.39 150 lbs	20-26	0.49 -810 lbs
4-28	0.07 202 lbs	2-21	0.39 333 lbs	6-29	0.07 -211 lbs
7-28	0.02 184 lbs			6-28	0.04 -211 lbs
6-7	0.08 270 lbs			1-30	0.09 463 lbs
7-12	0.39 365 lbs			15-22	0.64 738 lbs
12-20	0.34 -484 lbs			16-23	0.35 -361 lbs
8-20	0.22 -484 lbs			17-25	0.11 -114 lbs
				18-24	0.33 -342 lbs
				20-24	0.15 532 lbs
				12-26	0.16 774 lbs
				14-29	0.06 227 lbs
				12-29	0.05 181 lbs
				10-21	0.82 986 lbs
					-849 lbs

TRUSS TT11 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.39 (19 - 10)	TL(V): 0.02 in.	L / 999	(22-21)	L / 90
BC : 0.39 (26 - 25)	LL(V): 0.02 in.	L / 999	(22-21)	L / 90
Web : 0.84 (25 - 19)	DL(V): 0 in.	L / 999	(4-16)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		8	
	Web :			
	Snow/Wind -0.03 in.	L / 999	3	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	120 lbs	400 lbs	0 lbs	-370 lbs	120 lbs	
2	Pin	-320 lbs	720 lbs	0 lbs	-460 lbs	-320 lbs	
11	Pin	290 lbs	1250 lbs	0 lbs	-660 lbs	290 lbs	

Materials

Type	Material	Bracing	Material	Bracing
Top Chd	362S162-43(33)	Sheathing		
Bot Chd	362S162-43(33)	Purlin (96 in.)		
Web	362S162-43(33)	Unbraced		

Truss Dimensions

Max Height	Max Width
5-6-3	24-2-2

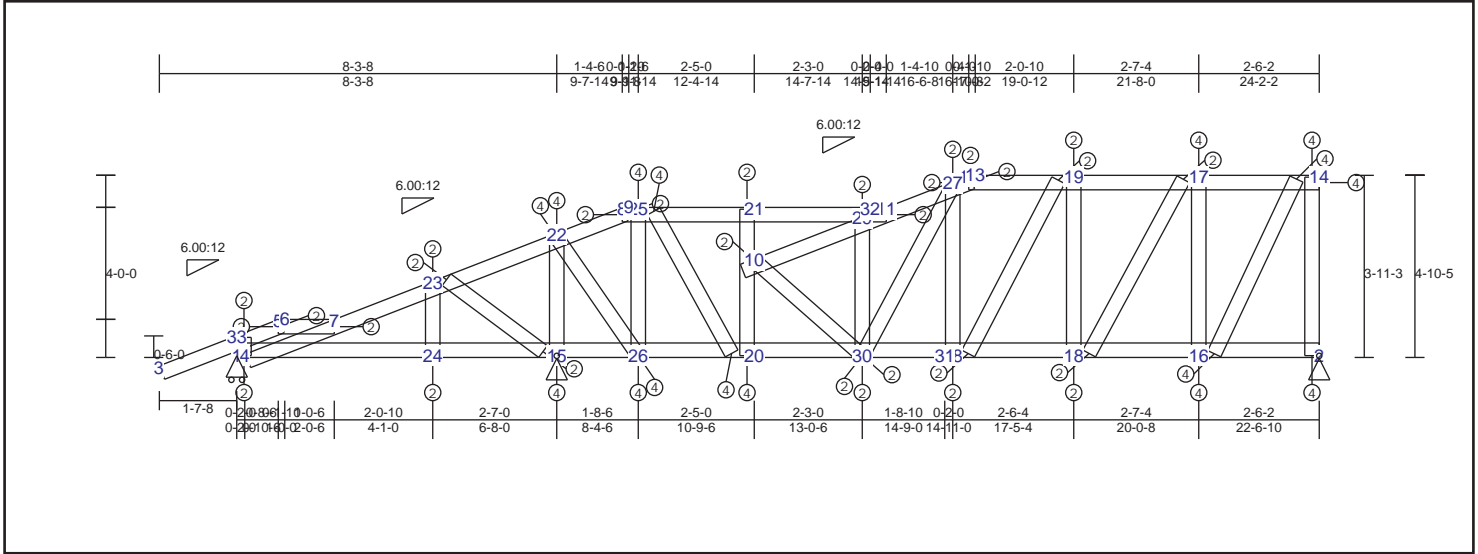
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web			
4-16	0.06	-124 lbs	-124 lbs	11-12	0.35	-965 lbs	-965 lbs
7-16	0.06	-124 lbs	-124 lbs	13-14	0.02	-61 lbs	-61 lbs
8-23	0.08	-443 lbs	-443 lbs	6-15	0.05	-312 lbs	-312 lbs
22-23	0.13	-566 lbs	-566 lbs	6-16	0.04	-244 lbs	-244 lbs
21-22	0.13	-569 lbs	-569 lbs	17-18	0.05	-177 lbs	-177 lbs
20-21	0.17	-569 lbs	-569 lbs	2-10	0.62	-789 lbs	-789 lbs
19-20	0.30	-447 lbs	-447 lbs	23-29	0.08	-106 lbs	-106 lbs
10-19	0.39	-233 lbs	-233 lbs	19-25	0.84	-1049 lbs	-1049 lbs
6-7	0.10	153 lbs	-122 lbs	20-26	0.46	-589 lbs	-589 lbs
7-14	0.11	229 lbs	-122 lbs	21-27	0.20	276 lbs	-260 lbs
12-14	0.35	238 lbs	-234 lbs	22-28	0.01	135 lbs	-2 lbs
12-24	0.31	-505 lbs	-505 lbs	24-30	0.49	-810 lbs	-810 lbs
8-24	0.22	-505 lbs	-505 lbs	1-31	0.10	504 lbs	-365 lbs
3-31	0.25	54 lbs	0 lbs	11-14	0.06	228 lbs	-203 lbs
18-31	0.30	225 lbs	-109 lbs	24-29	0.25	598 lbs	-348 lbs
4-18	0.10	149 lbs	-89 lbs	22-29	0.30	-356 lbs	-356 lbs
				19-26	0.53	753 lbs	-634 lbs
				20-27	0.28	355 lbs	-330 lbs
				21-28	0.07	-80 lbs	-80 lbs
				12-30	0.19	747 lbs	-419 lbs
				15-18	0.02	176 lbs	-57 lbs
				14-15	0.08	365 lbs	-291 lbs
				10-25	0.68	1003 lbs	-820 lbs

TRUSS TT12 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary		Deflection		L / (Loc)		Max. Allowed	
TC :	0.41 (17 - 14)	TL(V):	0.02 in.	L / 999	(29-11)	L / 90	
BC :	0.37 (15 - 26)	LL(V):	0.02 in.	L / 999	(29-11)	L / 90	
Web :	0.72 (16 - 17)	DL(V):	0 in.	L / 999	(5-7)	L / 0	
		Cant / OH TL:	0 in.	2L / 999	0	2L / 0	
		Cant / OH LL:	0 in.	2L / 999	0	2L / 0	
		Horiz TL:	0 in.		8		
		Web :					
		Snow/Wind:	-0.03 in.	L / 999	3	L / 90	
		Cant (Snow/Wind):	-0.03 in.	L / 999	3	L / 90	

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	350 lbs	0 lbs	-310 lbs	0 lbs
2	Pin		-320 lbs	770 lbs	0 lbs	-430 lbs	-320 lbs
15	Pin		360 lbs	1550 lbs	0 lbs	-830 lbs	360 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-43(33)	Sheathing			
Bot Chd	362S162-43(33)	Purlin (96 in.)			
Web	362S162-43(33)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-4-8	24-2-2

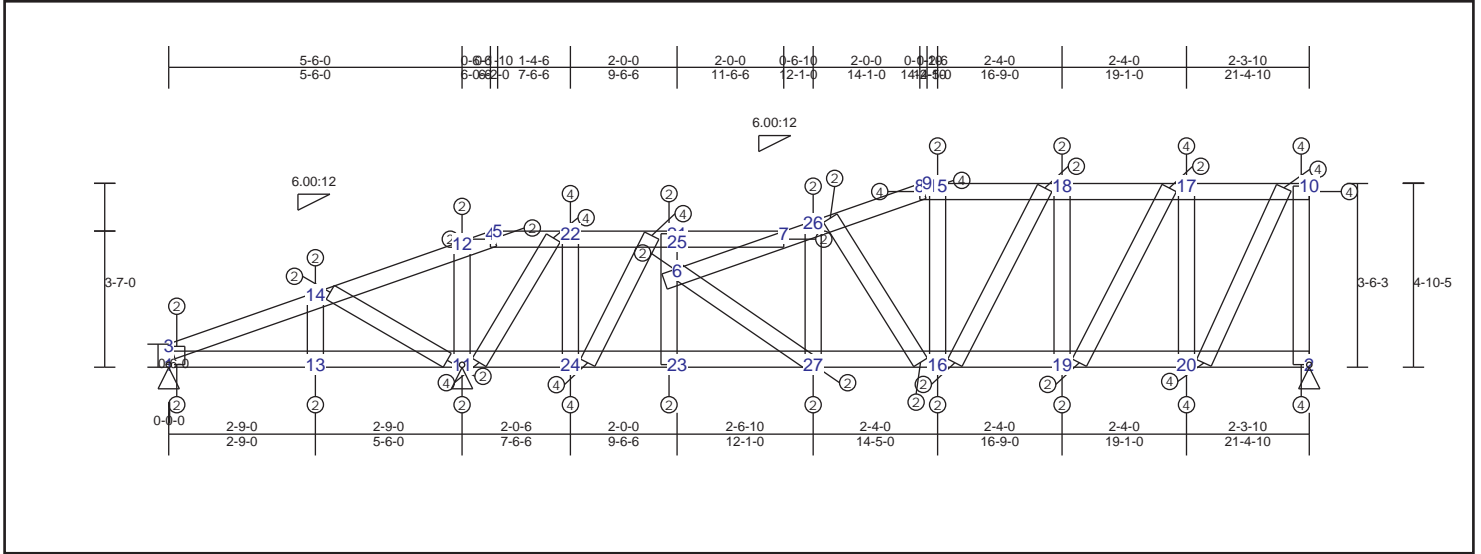
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
5-7	0.16	131 lbs	-43 lbs	1-4	0.05	0 lbs	0 lbs	16-17	0.72	-960 lbs	-960 lbs
12-19	0.19	-705 lbs	-705 lbs	4-24	0.13	353 lbs	-247 lbs	18-19	0.35	-478 lbs	-478 lbs
17-19	0.29	-582 lbs	-582 lbs	15-24	0.22	-708 lbs	-708 lbs	10-20	0.17	-860 lbs	-860 lbs
14-17	0.41	-338 lbs	-338 lbs	15-26	0.37	-708 lbs	-708 lbs	10-21	0.07	-300 lbs	-300 lbs
8-25	0.39	128 lbs	-91 lbs	20-26	0.37	-244 lbs	-244 lbs	15-22	0.43	-1202 lbs	-1202 lbs
21-25	0.39	-506 lbs	-506 lbs	20-30	0.17	515 lbs	-385 lbs	23-24	0.01	60 lbs	-8 lbs
11-21	0.12	-506 lbs	-506 lbs	28-30	0.15	515 lbs	-385 lbs	25-26	0.54	-1056 lbs	-1056 lbs
3-33	0.25	54 lbs	0 lbs	18-28	0.18	381 lbs	-232 lbs	27-28	0.16	304 lbs	-248 lbs
5-33	0.30	208 lbs	-98 lbs	16-18	0.37	258 lbs	-127 lbs	29-30	0.23	-523 lbs	-523 lbs
10-29	0.22	-525 lbs	-525 lbs	2-16	0.37	-325 lbs	-325 lbs	2-14	0.60	-813 lbs	-813 lbs
11-29	0.22	-907 lbs	-907 lbs					1-33	0.09	466 lbs	-339 lbs
11-27	0.21	-907 lbs	-907 lbs					22-26	0.30	1063 lbs	-675 lbs
12-27	0.19	-713 lbs	-713 lbs					10-30	0.08	444 lbs	-214 lbs
4-7	0.12	-341 lbs	-341 lbs					27-30	0.30	-399 lbs	-399 lbs
7-23	0.12	315 lbs	-208 lbs					17-18	0.41	630 lbs	-484 lbs
22-23	0.15	508 lbs	-314 lbs					15-23	0.11	-373 lbs	-373 lbs
8-22	0.16	103 lbs	-73 lbs					20-25	0.37	977 lbs	-632 lbs
								19-28	0.29	-353 lbs	-353 lbs
								14-16	0.58	983 lbs	-701 lbs

TRUSS TT13 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.42 (17 - 10)	TL(V): 0.04 in.	L / 999	(6-7)	L / 90
BC : 0.42 (13 - 11)	LL(V): 0.03 in.	L / 999	(6-7)	L / 90
Web : 0.78 (20 - 17)	DL(V): 0.01 in.	L / 999	(21-7)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.01 in.		22	
	Web :			
	Snow/Wind-0.03 in.	L / 999	(6-7)	L / 90
	Cant (Snow/Wind) 0.01 in.	L / 675	3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-10 lbs	110 lbs	0 lbs	-80 lbs	-10 lbs
2	Pin		-500 lbs	780 lbs	0 lbs	-420 lbs	-500 lbs
11	Pin		420 lbs	1350 lbs	0 lbs	-690 lbs	420 lbs

Materials

Type	Material	Bracing	Material	Bracing
Top Chd	362S162-43(33)	Sheathing		
Bot Chd	362S162-43(33)	Purlin (96 in.)		
Web	362S162-43(33)	Unbraced		

Truss Dimensions

Max Height	Max Width
4-10-12	21-4-10

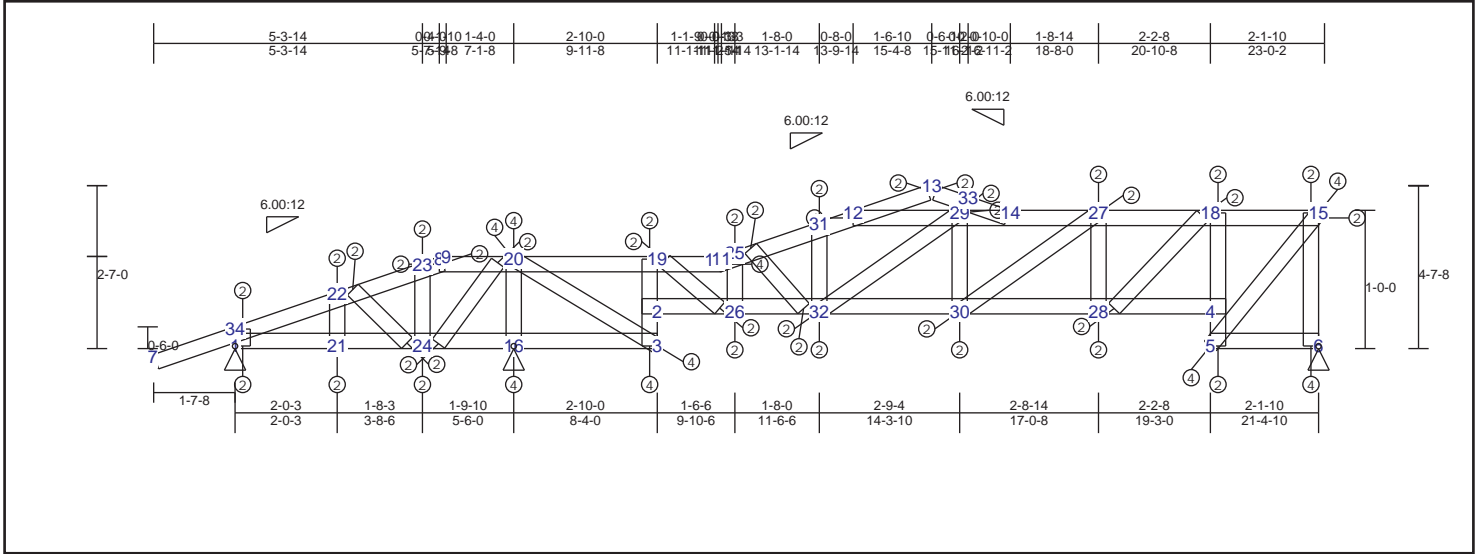
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord		Bot Chord		Web	
8-15	0.15 -685 lbs	1-13	0.03 -14 lbs	11-12	0.05 -129 lbs
15-18	0.20 -685 lbs	11-13	0.42 -637 lbs	13-14	0.00 29 lbs
17-18	0.31 -563 lbs	11-24	0.42 -637 lbs	1-3	0.03 105 lbs
10-17	0.42 -313 lbs	23-24	0.37 -247 lbs	15-16	0.10 175 lbs
4-22	0.40 -293 lbs	23-27	0.11 374 lbs	2-10	0.62 -834 lbs
21-22	0.38 -658 lbs	16-27	0.19 374 lbs	17-20	0.78 -1033 lbs
7-21	0.22 -658 lbs	16-19	0.22 188 lbs	18-19	0.45 -621 lbs
6-7	0.34 -771 lbs	19-20	0.39 237 lbs	22-24	0.27 1068 lbs
7-26	0.32 -785 lbs	2-20	0.39 -497 lbs	6-23	0.12 531 lbs
8-26	0.22 -797 lbs			6-21	0.05 531 lbs
3-14	0.09 82 lbs			26-27	0.04 -89 lbs
12-14	0.13 240 lbs			6-27	0.03 222 lbs
4-12	0.03 200 lbs			11-14	0.09 309 lbs
				16-18	0.29 -363 lbs
				17-19	0.45 738 lbs
				11-22	0.59 -1231 lbs
				21-24	0.46 -990 lbs
				16-26	0.27 485 lbs
				10-20	0.58 1027 lbs
					-718 lbs

TRUSS TT14 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.20 (8 - 20)	TL(V): 0.02 in.	L / 999	(13-14)	L / 90
BC : 0.30 (24 - 16)	LL(V): 0.02 in.	L / 999	(13-14)	L / 90
Web : 0.32 (5 - 15)	DL(V): 0 in.	L / 999	(13-14)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	7	2L / 90
	Cant / OH LL: 0.01 in.	2L / 999	7	2L / 90
	Horiz TL: 0.01 in.		7	
	Web :			
	Snow/Wind -0.03 in.	L / 999	7	L / 90
	Cant (Snow/Wind) -0.03 in.	L / 999	7	L / 90

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	-340 lbs	0 lbs	-340 lbs	-130 lbs
6	Pin		-610 lbs	840 lbs	0 lbs	-530 lbs	-610 lbs
16	Pin		660 lbs	1350 lbs	0 lbs	-700 lbs	660 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-1-11	23-1-11

Material Design Pass

Member Forces Summary

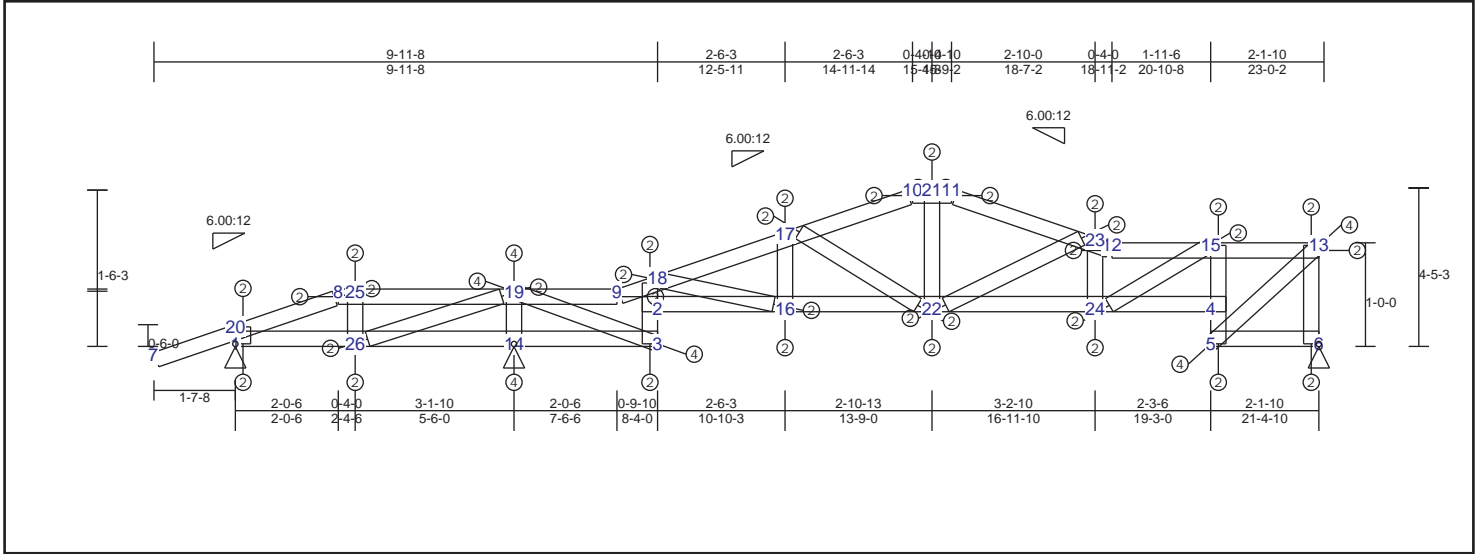
Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
13-14	0.04	-159 lbs	-159 lbs	2-26	0.14	517 lbs	-463 lbs	6-15	0.11	-828 lbs	-828 lbs
12-29	0.11	-964 lbs	-964 lbs	26-32	0.14	517 lbs	-463 lbs	4-5	0.14	-816 lbs	-816 lbs
14-29	0.14	-1092 lbs	-1092 lbs	30-32	0.12	486 lbs	-364 lbs	4-18	0.18	-816 lbs	-816 lbs
14-27	0.14	-1092 lbs	-1092 lbs	28-30	0.14	486 lbs	-313 lbs	2-3	0.06	-815 lbs	-815 lbs
18-27	0.12	-792 lbs	-792 lbs	4-28	0.14	232 lbs	-192 lbs	2-19	0.10	-815 lbs	-815 lbs
15-18	0.14	-444 lbs	-444 lbs	5-6	0.18	-622 lbs	-622 lbs	16-20	0.22	-1279 lbs	-1279 lbs
7-34	0.14	54 lbs	0 lbs	1-21	0.11	127 lbs	-122 lbs	21-22	0.04	-267 lbs	-267 lbs
22-34	0.16	205 lbs	-85 lbs	21-24	0.11	140 lbs	-122 lbs	23-24	0.02	-102 lbs	-102 lbs
22-23	0.10	215 lbs	-46 lbs	16-24	0.30	-887 lbs	-887 lbs	25-26	0.09	-634 lbs	-634 lbs
8-23	0.03	197 lbs	-46 lbs	3-16	0.30	-887 lbs	-887 lbs	27-28	0.14	-650 lbs	-650 lbs
8-20	0.20	304 lbs	-98 lbs					29-30	0.05	232 lbs	-220 lbs
19-20	0.20	-674 lbs	-674 lbs					31-32	0.03	208 lbs	-169 lbs
17-19	0.16	-1100 lbs	-1100 lbs					29-32	0.03	-84 lbs	-84 lbs
17-25	0.15	-1257 lbs	-1257 lbs					3-20	0.29	1214 lbs	-840 lbs
25-31	0.13	-1257 lbs	-1257 lbs					27-30	0.14	431 lbs	-378 lbs
12-31	0.13	-1107 lbs	-1107 lbs					5-15	0.32	946 lbs	-750 lbs
12-13	0.03	-184 lbs	-184 lbs					1-34	0.04	455 lbs	-308 lbs
								22-24	0.06	458 lbs	-427 lbs
								20-24	0.03	243 lbs	-140 lbs
								19-26	0.07	681 lbs	-444 lbs
								18-28	0.15	693 lbs	-518 lbs
								25-32	0.01	191 lbs	-95 lbs

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

TRUSS TT15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.25 (25 - 19)	TL(V): 0.04 in.	L / 999 (17-10)	L / 90
BC : 0.38 (14 - 3)	LL(V): 0.03 in.	L / 999 (17-10)	L / 90
Web : 0.20 (19 - 3)	DL(V): 0.02 in.	L / 548 (10-21)	L / 0
	Cant / OH TL: 0.02 in.	2L / 525 (9-18)	2L / 90
	Cant / OH LL: 0.02 in.	2L / 525 (9-18)	2L / 90
	Horiz TL: 0.02 in.	7	7
	Web :		
	Snow/Wind -0.04 in.	L / 999	L / 90
	Cant (Snow/Wind) -0.04 in.	L / 999	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-250 lbs	-340 lbs	0 lbs	-340 lbs	-250 lbs
6	Pin		-760 lbs	710 lbs	0 lbs	-390 lbs	-760 lbs
14	Pin		950 lbs	1220 lbs	0 lbs	-580 lbs	950 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-0-3	23-1-9

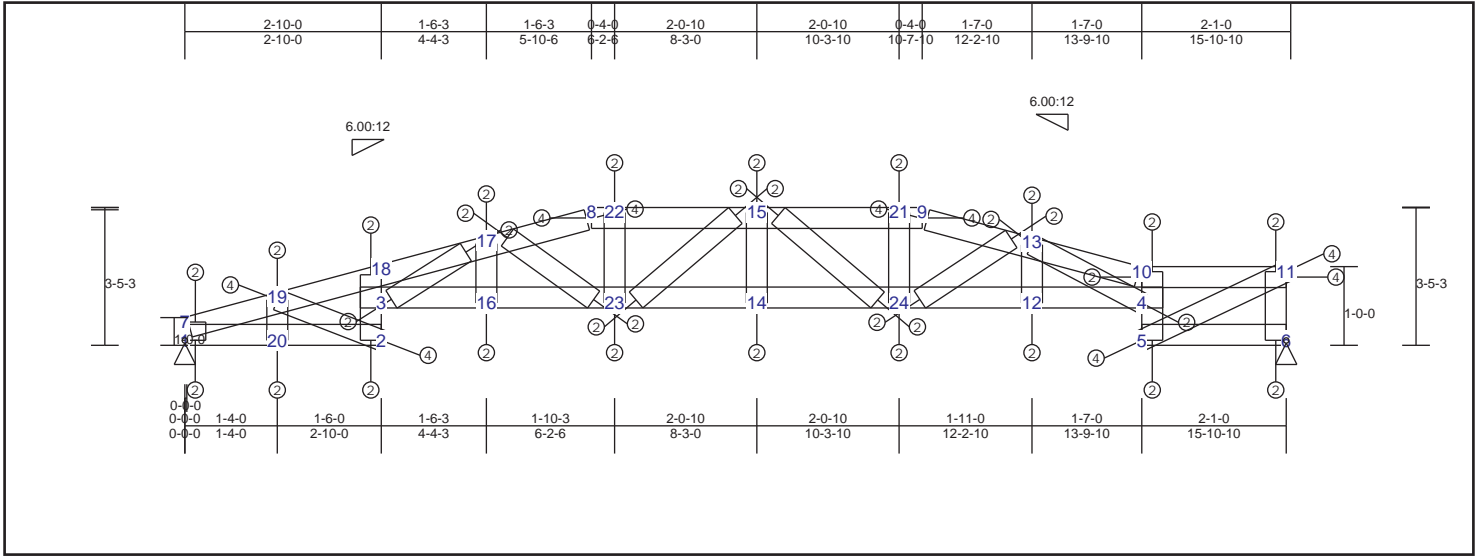
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord	Member Id	CSI	Max Axial Force	Max Comp. Force	Web	Member Id	CSI	Max Axial Force	Max Comp. Force
10-21	0.09	-610 lbs	-610 lbs	-212 lbs	4-5	0.15	-703 lbs	-703 lbs	
11-21	0.09	-610 lbs	-610 lbs	249 lbs	4-15	0.19	-703 lbs	-703 lbs	
12-15	0.10	-807 lbs	-807 lbs	249 lbs	16-17	0.02	-157 lbs	-157 lbs	
13-15	0.13	-525 lbs	-525 lbs	347 lbs	2-3	0.06	-617 lbs	-617 lbs	
11-23	0.16	-876 lbs	-876 lbs	-770 lbs	2-18	0.10	-652 lbs	-652 lbs	
12-23	0.14	-876 lbs	-876 lbs	248 lbs	14-19	0.19	-1263 lbs	-1263 lbs	
9-18	0.21	-939 lbs	-939 lbs	-1167 lbs	6-13	0.10	-697 lbs	-697 lbs	
17-18	0.19	-952 lbs	-952 lbs	-1167 lbs	21-22	0.10	455 lbs	-339 lbs	
10-17	0.13	-844 lbs	-844 lbs		23-24	0.06	-425 lbs	-425 lbs	
7-20	0.14	54 lbs	0 lbs		25-26	0.03	-179 lbs	-179 lbs	
8-20	0.16	215 lbs	-91 lbs		3-19	0.20	1399 lbs	-889 lbs	
8-25	0.04	157 lbs	-63 lbs		5-13	0.19	893 lbs	-646 lbs	
19-25	0.25	431 lbs	-135 lbs		1-20	0.05	477 lbs	-319 lbs	
9-19	0.25	-804 lbs	-804 lbs		16-18	0.02	332 lbs	-70 lbs	
					17-22	0.08	363 lbs	-292 lbs	
					15-24	0.06	465 lbs	-325 lbs	
					22-23	0.09	-276 lbs	-276 lbs	
					19-26	0.08	510 lbs	-319 lbs	

TRUSS TT16 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.31 (7 - 19)	TL(V): 0.02 in.	L / 999 (18-17)	L / 90
BC : 0.51 (1 - 20)	LL(V): 0.02 in.	L / 999 (18-17)	L / 90
Web : 0.15 (4 - 10)	DL(V): 0 in.	L / 999 (8-22)	L / 0
	Cant / OH TL: 0.02 in.	2L / 395 (18-17)	2L / 90
	Cant / OH LL: 0.02 in.	2L / 395 (18-17)	2L / 90
	Horiz TL: -0.01 in.	7	
	Web :		
	Snow/Wind -0.03 in.	L / 999 (18-17)	L / 90
	Cant (Snow/Wind) -0.03 in.L / 481	(18-17)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		980 lbs	770 lbs	0 lbs	-410 lbs	980 lbs
6	Pin		-1010 lbs	760 lbs	0 lbs	-380 lbs	-1010 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	362S162-54(50)	Sheathing			
Bot Chd	362S162-54(50)	Purlin (96 in.)			
Web	362S162-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-6-10	15-11-13

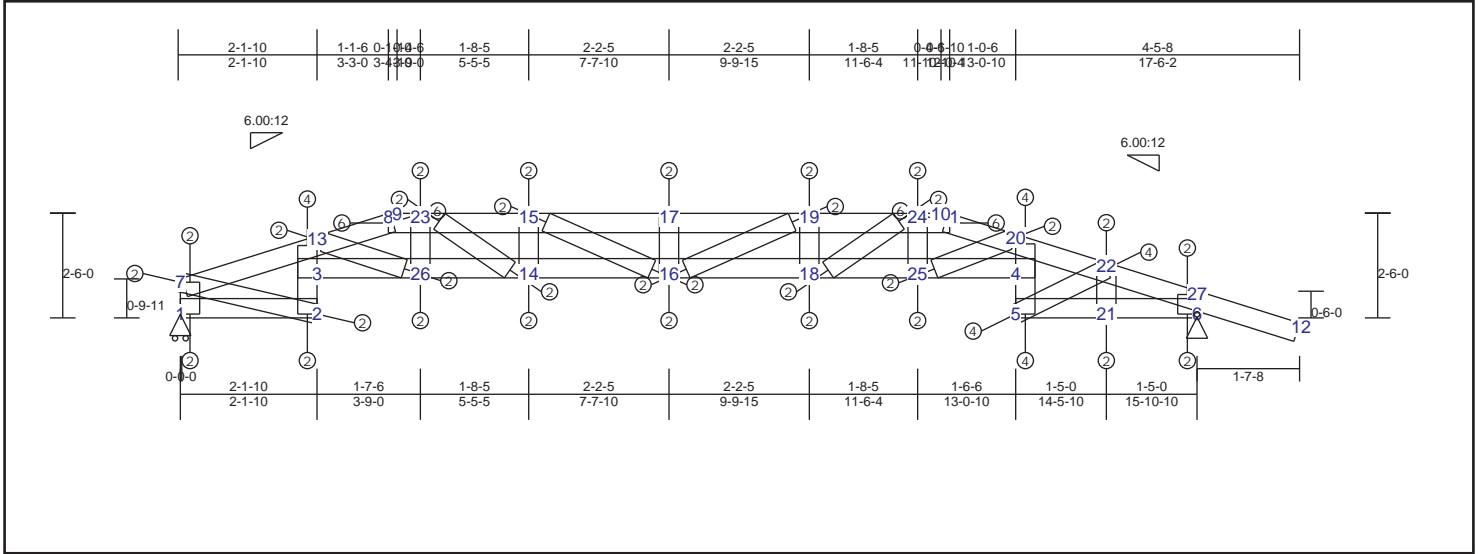
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-22	0.12	-829 lbs	-829 lbs	1-20	0.51	-985 lbs	-985 lbs	4-5	0.10	-696 lbs	-696 lbs
15-22	0.12	-935 lbs	-935 lbs	2-20	0.51	-985 lbs	-985 lbs	4-10	0.15	-696 lbs	-696 lbs
15-21	0.10	-935 lbs	-935 lbs	3-16	0.06	118 lbs	-71 lbs	12-13	0.00	53 lbs	-11 lbs
9-21	0.10	-775 lbs	-775 lbs	16-23	0.07	-206 lbs	-206 lbs	14-15	0.00	61 lbs	-28 lbs
7-19	0.31	-1064 lbs	-1064 lbs	14-23	0.07	-206 lbs	-206 lbs	16-17	0.01	76 lbs	-65 lbs
18-19	0.31	-1206 lbs	-1206 lbs	14-24	0.10	-260 lbs	-260 lbs	2-3	0.05	-389 lbs	-389 lbs
17-18	0.12	-1206 lbs	-1206 lbs	12-24	0.09	-260 lbs	-260 lbs	3-18	0.08	-528 lbs	-528 lbs
8-17	0.09	-996 lbs	-996 lbs	4-12	0.14	-437 lbs	-437 lbs	1-7	0.05	-373 lbs	-373 lbs
10-11	0.10	-814 lbs	-814 lbs	5-6	0.30	-1008 lbs	-1008 lbs	19-20	0.11	-741 lbs	-741 lbs
9-13	0.08	-899 lbs	-899 lbs					6-11	0.11	-745 lbs	-745 lbs
10-13	0.07	-903 lbs	-903 lbs					21-24	0.04	310 lbs	-219 lbs
								22-23	0.04	350 lbs	-263 lbs
								4-13	0.04	-294 lbs	-294 lbs
								2-19	0.13	1311 lbs	-860 lbs
								5-11	0.14	1078 lbs	-710 lbs
								3-17	0.02	-155 lbs	-155 lbs
								17-23	0.03	246 lbs	-225 lbs
								13-24	0.01	122 lbs	-51 lbs
								15-23	0.04	-198 lbs	-198 lbs
								15-24	0.06	-299 lbs	-299 lbs

TRUSS TT17 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary		Deflection		L/	(Loc)	Max. Allowed
TC :	0.29 (20 - 22)	TL(V):	0.1 in.	L / 999	(17-19)	L / 90
BC :	0.40 (14 - 16)	LL(V):	0.06 in.	L / 999	(17-19)	L / 90
Web :	0.45 (4 - 20)	DL(V):	0.03 in.	L / 999	(17-19)	L / 0
		Cant / OH TL:	0.06 in.	2L / 999	(17-19)	2L / 90
		Cant / OH LL:	0.06 in.	2L / 999	(17-19)	2L / 90
		Horiz TL:	-0.04 in.		1	
		Web :				
		Snow/Wind:	-0.07 in.	L / 999	(17-19)	L / 90
		Cant (Snow/Wind):	-0.07 in.	L / 999	(17-19)	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	760 lbs	0 lbs	-360 lbs	0 lbs
6	Pin		-140 lbs	910 lbs	0 lbs	-590 lbs	-140 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
3-0-3	17-6-12

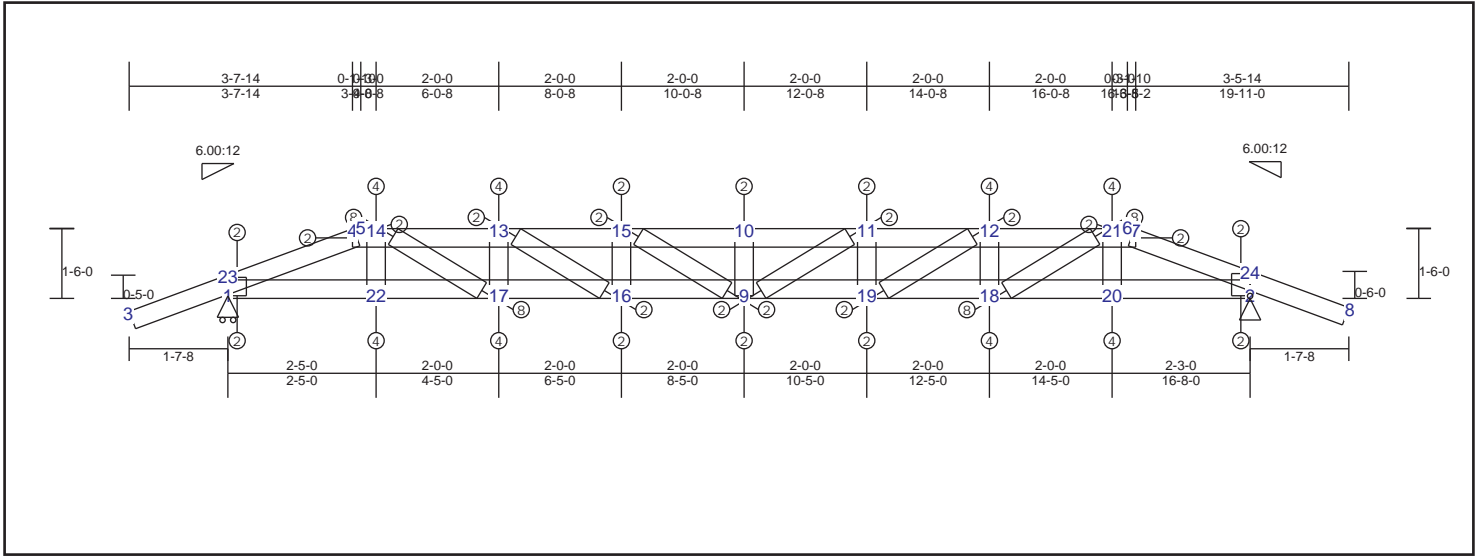
Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
8-23	0.22	-1793 lbs	-1793 lbs	1-2	0.10	643 lbs	-311 lbs	2-3	0.22	-187 lbs	-187 lbs
15-23	0.23	-2175 lbs	-2175 lbs	3-26	0.28	1765 lbs	-886 lbs	3-13	0.37	-310 lbs	-310 lbs
15-17	0.24	-2433 lbs	-2433 lbs	14-26	0.37	2147 lbs	-1122 lbs	14-15	0.06	-435 lbs	-435 lbs
17-19	0.24	-2433 lbs	-2433 lbs	14-16	0.40	2405 lbs	-1281 lbs	16-17	0.03	-199 lbs	-199 lbs
19-24	0.24	-2252 lbs	-2252 lbs	16-18	0.40	2405 lbs	-1281 lbs	18-19	0.05	-365 lbs	-365 lbs
11-24	0.23	-1939 lbs	-1939 lbs	18-25	0.39	2224 lbs	-1193 lbs	4-5	0.26	-241 lbs	-241 lbs
11-20	0.26	-1976 lbs	-1976 lbs	4-25	0.31	1910 lbs	-1018 lbs	4-20	0.45	-409 lbs	-409 lbs
20-22	0.29	-1884 lbs	-1884 lbs	5-21	0.25	-145 lbs	-145 lbs	21-22	0.10	-656 lbs	-656 lbs
22-27	0.26	-871 lbs	-871 lbs	6-21	0.25	-145 lbs	-145 lbs	23-26	0.01	45 lbs	-35 lbs
12-27	0.13	54 lbs	0 lbs					24-25	0.01	100 lbs	-33 lbs
7-13	0.25	-1696 lbs	-1696 lbs					1-7	0.11	-777 lbs	-777 lbs
8-13	0.24	-1840 lbs	-1840 lbs					2-7	0.05	682 lbs	-330 lbs
								5-22	0.05	957 lbs	-340 lbs
								6-27	0.08	-572 lbs	-572 lbs
								15-16	0.03	316 lbs	-195 lbs
								16-19	0.02	221 lbs	-115 lbs
								20-25	0.02	193 lbs	-110 lbs
								13-26	0.03	261 lbs	-169 lbs
								14-23	0.05	568 lbs	-351 lbs
								18-24	0.04	468 lbs	-261 lbs

TRUSS TT18 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel connected. Max CSI calculated based on selected items in the Settings/Engineering/General section.

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.64 (14 - 13)	TL(V): 0.18 in.	L / 852 (15-10)	L / 90
BC : 0.49 (1 - 22)	LL(V): 0.12 in.	L / 999 (15-10)	L / 90
Web : 0.19 (14 - 17)	DL(V): 0.06 in.	L / 999 (15-10)	L / 0
	Cant / OH TL: -0.07 in.	2L / 626 3	2L / 90
	Cant / OH LL: -0.07 in.	2L / 626 3	2L / 90
	Horiz TL: -0.07 in.	3	
	Web :		
	Snow/Wind -0.12 in.	L / 999 (15-10)	L / 90
	Cant (Snow/Wind) 0.06 in.	L / 754 3	L / 90

Load Summary

- 1) This Truss has been designed in accordance with LRFD 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 4.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 18.00 psf
- 3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 165.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 18.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 6.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 60.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind.
- 4) Snow Criteria: None

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	940 lbs	0 lbs	-600 lbs	0 lbs
2	Pin	10 lbs	10 lbs	940 lbs	0 lbs	-630 lbs	10 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	362S162-54(50)	Sheathing	
Bot Chd	362S162-54(50)	Purlin (96 in.)	
Web	362S162-54(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-1-3	19-11-0

Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord				Bot Chord				Web			
4-14	0.38	157 lbs	-63 lbs	1-22	0.49	0 lbs	0 lbs	9-10	0.03	-210 lbs	-210 lbs
13-14	0.64	-2046 lbs	-2046 lbs	17-22	0.49	2015 lbs	-959 lbs	14-22	0.13	-897 lbs	-897 lbs
13-15	0.24	-2478 lbs	-2478 lbs	16-17	0.38	2446 lbs	-1209 lbs	13-17	0.18	-1191 lbs	-1191 lbs
10-15	0.26	-2611 lbs	-2611 lbs	9-16	0.40	2579 lbs	-1272 lbs	15-16	0.03	-212 lbs	-212 lbs
10-11	0.26	-2611 lbs	-2611 lbs	9-19	0.40	2579 lbs	-1272 lbs	11-19	0.04	-243 lbs	-243 lbs
11-12	0.23	-2451 lbs	-2451 lbs	18-19	0.37	2419 lbs	-1170 lbs	12-18	0.17	-1176 lbs	-1176 lbs
12-21	0.61	-1988 lbs	-1988 lbs	18-20	0.47	1956 lbs	-870 lbs	20-21	0.13	-872 lbs	-872 lbs
7-21	0.36	153 lbs	-60 lbs	2-20	0.47	9 lbs	-3 lbs	1-23	0.08	-570 lbs	-570 lbs
3-23	0.13	54 lbs	0 lbs					2-24	0.08	-566 lbs	-566 lbs
4-23	0.27	221 lbs	-201 lbs					14-17	0.19	2610 lbs	-1243 lbs
7-24	0.25	246 lbs	-199 lbs					13-16	0.05	559 lbs	-324 lbs
8-24	0.13	54 lbs	0 lbs					9-15	0.01	172 lbs	-81 lbs
								9-11	0.02	207 lbs	-132 lbs
								12-19	0.06	599 lbs	-388 lbs
								18-21	0.17	2536 lbs	-1128 lbs

