TAYNR, Inc.
600 Sunbeam Ave Suite 1,
Sacramento, CA 95811
Contact: James Roberts
Tel: (916) 891-3003 X705
James@TAYNR.com
TAYNR.com

TRUSS PACKAGE FOR CARIBBEAN ROAD SPEC

198 Caribbean Road, Naples, Florida

PREPARED BY:
TAYNR

25 JAN 2022

TAYNR, Inc.
600 Sunbeam Ave Suite 1,
Sacramento, CA 95811
Contact: James Roberts
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James@TAYNR.com
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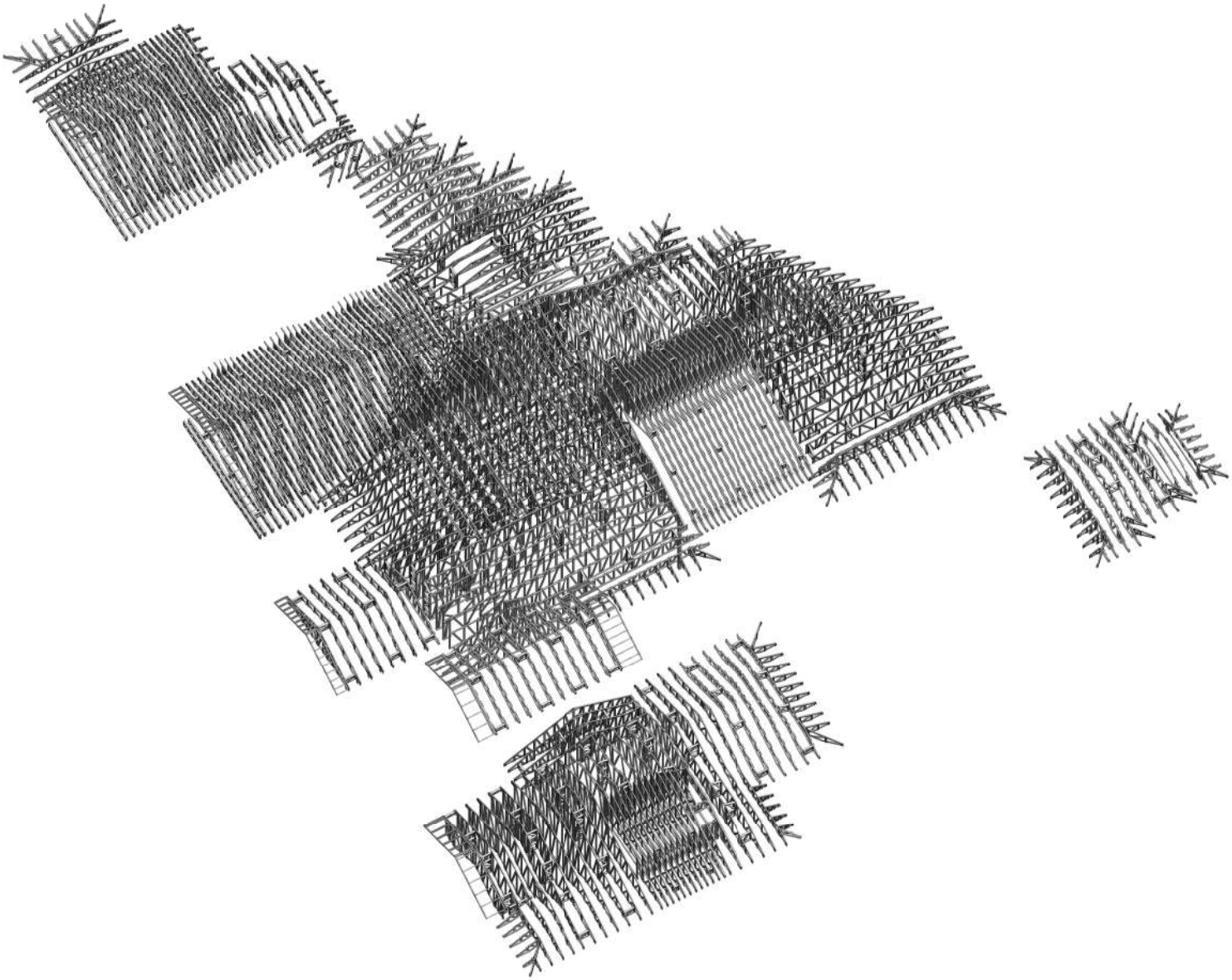

MAIN BUILDING ROOF PERSPECTIVE VIEW

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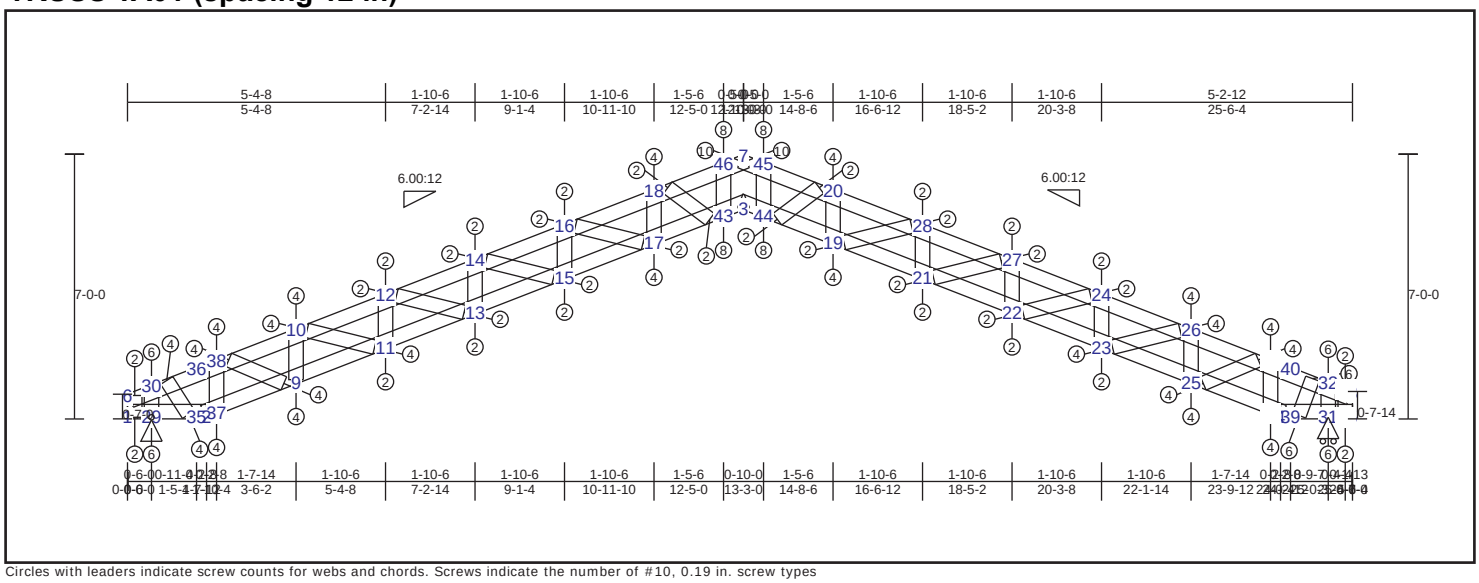
TRUSS TA01 (spacing 12 in)



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 (18 - 46)	TL(V): 0.57 in.	L / 462	(43-3)	L / 360
BC :	0.81 (43 - 3)	LL(V): 0.31 in.	L / 480	(43-3)	L / 360
Web :	0.31 (31 - 32)	DL(V): 0.26 in.	L / 578	(3-44)	L / 0
		Cant / OH TL: 0.31 in.	2L / 859	(43-3)	2L / 360
		Cant / OH LL: 0.31 in.	2L / 859	(43-3)	2L / 360
		Horiz TL: 0.3 in.		5	
		Web :			
		Snow/Wind -0.26 in.	L / 574	(3-44)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 999	(3-44)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
29	Pin		-40 lbs	740 lbs	0 lbs	-240 lbs	-40 lbs
31	HRoll		0 lbs	740 lbs	0 lbs	-240 lbs	0 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
7-0-0	25-6-4

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-30	0.25	-596 lbs	-596 lbs	4-39	0.18	497 lbs	-277 lbs	1-6	0.04	538 lbs	-303 lbs	21-27	0.02	399 lbs	-158 lbs
30-38	0.28	-1143 lbs	-1143 lbs	31-39	0.25	497 lbs	-277 lbs	9-10	0.13	-856 lbs	-856 lbs	19-28	0.03	522 lbs	-177 lbs
10-38	0.24	-2128 lbs	-2128 lbs	31-33	0.20	0 lbs	0 lbs	11-12	0.09	-592 lbs	-592 lbs	30-35	0.12	1491 lbs	-838 lbs
10-12	0.28	-2946 lbs	-2946 lbs	5-33	0.10	0 lbs	0 lbs	13-14	0.07	-462 lbs	-462 lbs	9-38	0.09	1115 lbs	-636 lbs
12-14	0.34	-3573 lbs	-3573 lbs	1-29	0.16	-45 lbs	-45 lbs	15-16	0.04	-242 lbs	-242 lbs	32-39	0.15	1810 lbs	-1008 lbs
14-16	0.39	-3919 lbs	-3919 lbs	29-35	0.20	666 lbs	-419 lbs	17-18	0.17	-1131 lbs	-1131 lbs	25-41	0.10	1220 lbs	-657 lbs
16-18	0.47	-4752 lbs	-4752 lbs	2-35	0.15	666 lbs	-419 lbs	19-20	0.17	-1147 lbs	-1147 lbs	20-44	0.01	278 lbs	-40 lbs
18-46	0.78	-4786 lbs	-4786 lbs	2-37	0.20	280 lbs	-196 lbs	23-24	0.09	-593 lbs	-593 lbs	18-43	0.01	231 lbs	-43 lbs
7-46	0.59	-3589 lbs	-3589 lbs	9-37	0.29	1495 lbs	-895 lbs	25-26	0.14	-947 lbs	-947 lbs				
7-45	0.59	-3595 lbs	-3595 lbs	9-11	0.42	2475 lbs	-1428 lbs	21-28	0.04	-253 lbs	-253 lbs				
20-45	0.78	-4785 lbs	-4785 lbs	11-13	0.54	3203 lbs	-1780 lbs	22-27	0.07	-475 lbs	-475 lbs				
20-28	0.48	-4746 lbs	-4746 lbs	13-15	0.60	3692 lbs	-1965 lbs	29-30	0.28	-1892 lbs	-1892 lbs				
27-28	0.38	-3894 lbs	-3894 lbs	15-17	0.65	4170 lbs	-2074 lbs	31-32	0.31	-2142 lbs	-2142 lbs				
24-27	0.34	-3530 lbs	-3530 lbs	17-43	0.76	4723 lbs	-2241 lbs	33-34	0.04	527 lbs	-290 lbs				
24-26	0.27	-2888 lbs	-2888 lbs	3-43	0.81	4723 lbs	-2192 lbs	37-38	0.19	-1284 lbs	-1284 lbs				
26-41	0.27	-2053 lbs	-2053 lbs	3-44	0.80	4718 lbs	-2153 lbs	41-42	0.20	-1366 lbs	-1366 lbs				
32-41	0.34	-966 lbs	-966 lbs	19-44	0.75	4718 lbs	-2164 lbs	44-45	0.18	2615 lbs	-1248 lbs				
32-34	0.30	-712 lbs	-712 lbs	19-21	0.61	4153 lbs	-1960 lbs	43-46	0.20	2630 lbs	-1332 lbs				
8-34	0.09	245 lbs	-130 lbs	21-22	0.55	3657 lbs	-1787 lbs	10-11	0.06	823 lbs	-436 lbs				
				22-23	0.48	3151 lbs	-1593 lbs	12-13	0.04	637 lbs	-293 lbs				
				23-25	0.37	2413 lbs	-1275 lbs	14-15	0.02	383 lbs	-124 lbs				
				25-42	0.24	1375 lbs	-750 lbs	16-17	0.03	506 lbs	-110 lbs				
				4-42	0.21	63 lbs	-33 lbs	23-26	0.06	845 lbs	-417 lbs				
								22-24	0.04	649 lbs	-298 lbs				

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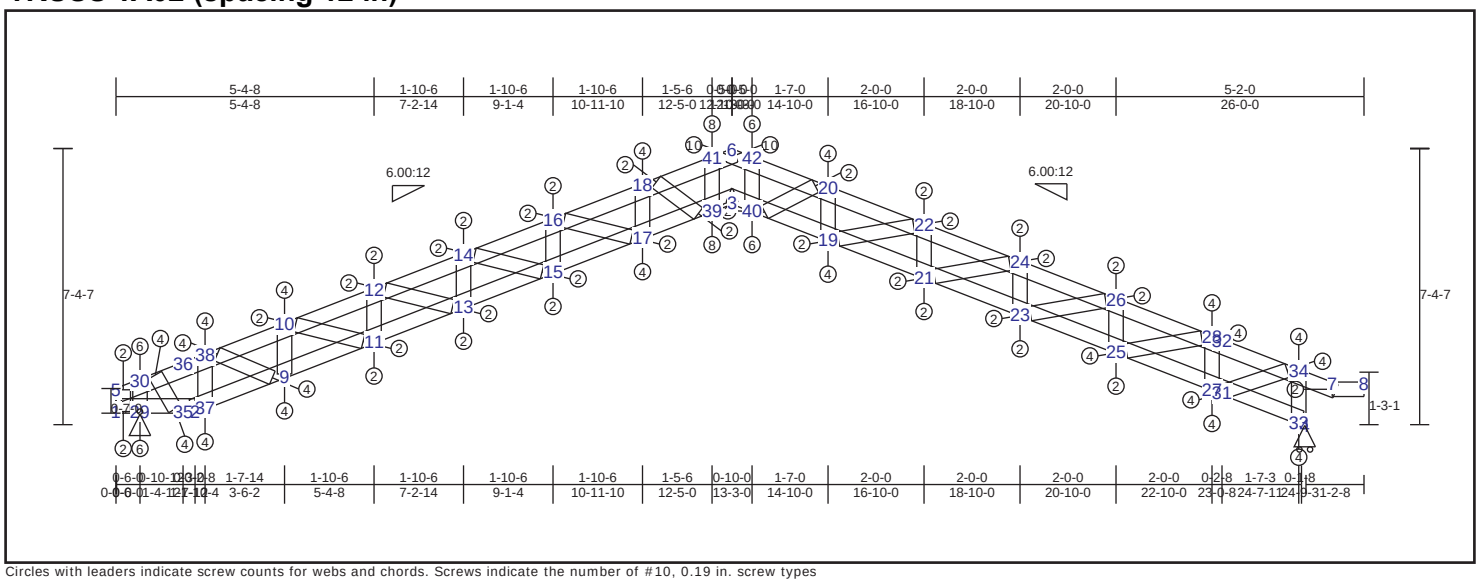
TRUSS TA02 (spacing 12 in)



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 (18 - 41)	TL(V): 0.57 in.	L / 462	(7-8)	L / 360
BC :	0.77 (39 - 3)	LL(V): 0.31 in.	L / 480	(7-8)	L / 360
Web :	0.30 (29 - 30)	DL(V): 0.26 in.	L / 578	(7-8)	L / 0
		Cant / OH TL: 0.31 in.	2L / 859	(7-8)	2L / 360
		Cant / OH LL: 0.31 in.	2L / 859	(7-8)	2L / 360
		Horiz TL: 0.3 in.		4	
		Web :			
		Snow/Wind -0.26 in.	L / 574	(7-8)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 999	(7-8)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	HRoll		0 lbs	770 lbs	0 lbs	-270 lbs	0 lbs
29	Pin		-40 lbs	730 lbs	0 lbs	-240 lbs	-40 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
7-3-11	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-30	0.27	-637 lbs	-637 lbs	1-29	0.18	44 lbs	-37 lbs	1-5	0.05	580 lbs	-326 lbs
30-38	0.30	-1109 lbs	-1109 lbs	29-35	0.21	641 lbs	-396 lbs	9-10	0.13	-858 lbs	-858 lbs
10-38	0.24	-2093 lbs	-2093 lbs	2-35	0.16	641 lbs	-396 lbs	11-12	0.08	-577 lbs	-577 lbs
10-12	0.27	-2893 lbs	-2893 lbs	3-40	0.74	4532 lbs	-1993 lbs	13-14	0.07	-449 lbs	-449 lbs
12-14	0.34	-3501 lbs	-3501 lbs	19-40	0.70	4532 lbs	-1996 lbs	15-16	0.03	-229 lbs	-229 lbs
14-16	0.38	-3830 lbs	-3830 lbs	19-21	0.57	3953 lbs	-1815 lbs	17-18	0.16	-1106 lbs	-1106 lbs
16-18	0.47	-4638 lbs	-4638 lbs	21-23	0.50	3435 lbs	-1641 lbs	19-20	0.15	-1050 lbs	-1050 lbs
18-41	0.77	-4662 lbs	-4662 lbs	23-25	0.43	2827 lbs	-1428 lbs	21-22	0.04	-253 lbs	-253 lbs
6-41	0.58	-3456 lbs	-3456 lbs	25-27	0.31	1962 lbs	-1035 lbs	23-24	0.07	-505 lbs	-505 lbs
6-42	0.56	-3522 lbs	-3522 lbs	27-31	0.15	754 lbs	-208 lbs	25-26	0.09	-624 lbs	-624 lbs
20-42	0.74	-4606 lbs	-4606 lbs	31-33	0.15	754 lbs	-407 lbs	27-28	0.14	-928 lbs	-928 lbs
20-22	0.45	-4509 lbs	-4509 lbs	4-33	0.00	0 lbs	0 lbs	29-30	0.30	-2026 lbs	-2026 lbs
22-24	0.37	-3681 lbs	-3681 lbs	2-37	0.20	260 lbs	-177 lbs	33-34	0.13	-865 lbs	-865 lbs
24-26	0.31	-3233 lbs	-3233 lbs	9-37	0.28	1464 lbs	-863 lbs	37-38	0.19	-1265 lbs	-1265 lbs
26-28	0.23	-2468 lbs	-2468 lbs	9-11	0.41	2434 lbs	-1383 lbs	39-41	0.19	2651 lbs	-1308 lbs
28-34	0.18	-1443 lbs	-1443 lbs	11-13	0.52	3143 lbs	-1717 lbs	40-42	0.16	2370 lbs	-1094 lbs
7-34	0.14	-360 lbs	-360 lbs	13-15	0.58	3614 lbs	-1885 lbs	10-11	0.06	807 lbs	-421 lbs
7-8	0.01	0 lbs	0 lbs	15-17	0.62	4072 lbs	-1973 lbs	12-13	0.04	619 lbs	-275 lbs
				17-39	0.72	4604 lbs	-2123 lbs	14-15	0.02	366 lbs	-109 lbs
				3-39	0.77	4604 lbs	-2066 lbs	16-17	0.02	487 lbs	-98 lbs
								19-22	0.03	511 lbs	-166 lbs
								21-24	0.03	482 lbs	-194 lbs
								23-26	0.05	743 lbs	-342 lbs
								25-28	0.08	1009 lbs	-514 lbs

Web			
31-34	0.09	1089 lbs	-591 lbs
30-35	0.13	1569 lbs	-881 lbs
9-38	0.09	1112 lbs	-627 lbs
18-39	0.01	241 lbs	-48 lbs
20-40	0.01	293 lbs	-24 lbs

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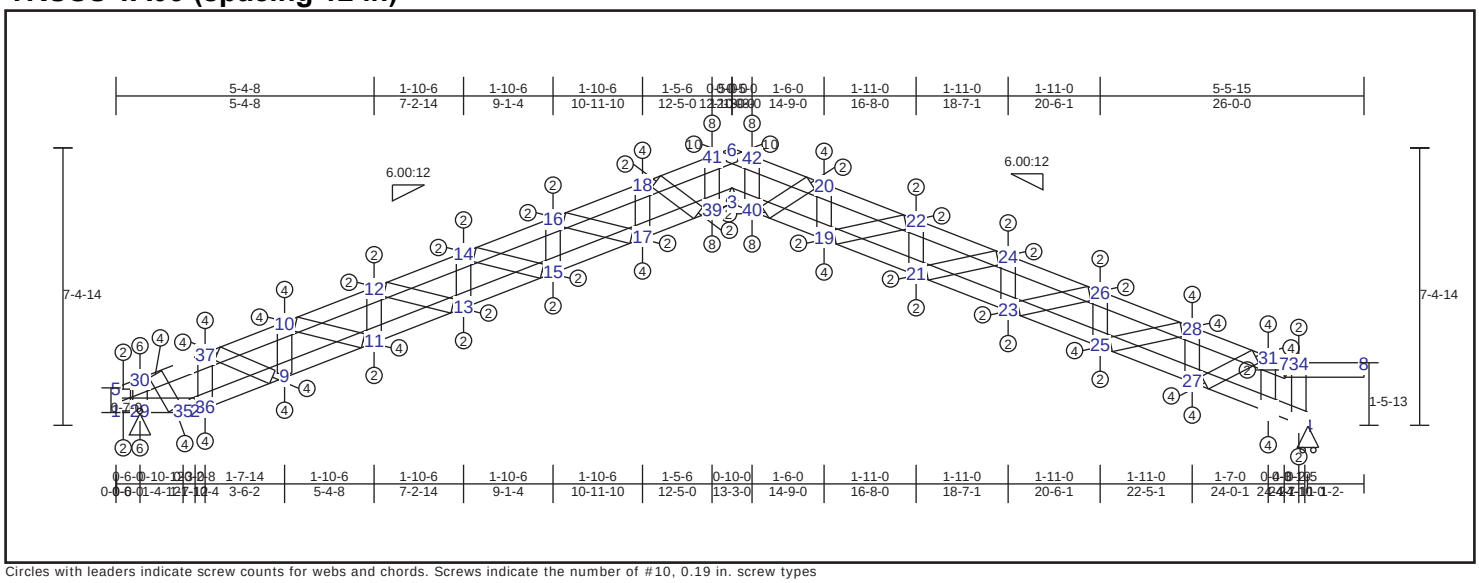
TRUSS TA03 (spacing 12 in)



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 (18 - 41)	TL(V): 0.55 in.	L / 473	(39-3)	L / 360
BC :	0.84 (39 - 3)	LL(V): 0.3 in.	L / 499	(39-3)	L / 360
Web :	0.30 (29 - 30)	DL(V): 0.25 in.	L / 641	(3-40)	L / 0
		Cant / OH TL: 0.29 in.	2L / 999	39	2L / 360
		Cant / OH LL: 0.29 in.	2L / 999	39	2L / 360
		Horiz TL: 0.3 in.		4	
		Web :			
		Snow/Wind -0.26 in.	L / 610	(3-40)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 610	(6-42)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	HRoll		0 lbs	770 lbs	0 lbs	-290 lbs	0 lbs
29	Pin		70 lbs	730 lbs	0 lbs	-240 lbs	70 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
7-4-1	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-42	0.57	-3537 lbs	-3537 lbs	3-40	0.82	4601 lbs	-2199 lbs	1-5	0.05	581 lbs	-326 lbs	25-28	0.07	900 lbs	-481 lbs
20-42	0.76	-4670 lbs	-4670 lbs	19-40	0.78	4601 lbs	-2199 lbs	9-10	0.13	-862 lbs	-862 lbs	27-31	0.12	1543 lbs	-848 lbs
20-22	0.46	-4604 lbs	-4604 lbs	19-21	0.62	4025 lbs	-1974 lbs	11-12	0.09	-581 lbs	-581 lbs	30-35	0.13	1571 lbs	-881 lbs
22-24	0.37	-3754 lbs	-3754 lbs	21-23	0.54	3512 lbs	-1766 lbs	13-14	0.07	-453 lbs	-453 lbs	9-37	0.10	1117 lbs	-650 lbs
24-26	0.32	-3347 lbs	-3347 lbs	23-25	0.46	2953 lbs	-1541 lbs	15-16	0.03	-234 lbs	-234 lbs	18-39	0.01	213 lbs	-40 lbs
26-28	0.24	-2645 lbs	-2645 lbs	25-27	0.35	2162 lbs	-1171 lbs	17-18	0.16	-1109 lbs	-1109 lbs	20-40	0.01	260 lbs	-23 lbs
28-31	0.31	-1746 lbs	-1746 lbs	27-32	0.30	988 lbs	-533 lbs	19-20	0.16	-1112 lbs	-1112 lbs				
7-31	0.20	-513 lbs	-513 lbs	32-33	0.26	-343 lbs	-343 lbs	21-22	0.04	-259 lbs	-259 lbs				
5-30	0.27	-638 lbs	-638 lbs	4-33	0.13	-343 lbs	-343 lbs	23-24	0.07	-498 lbs	-498 lbs				
30-37	0.30	-1114 lbs	-1114 lbs	1-29	0.18	-66 lbs	-66 lbs	25-26	0.09	-598 lbs	-598 lbs				
10-37	0.24	-2102 lbs	-2102 lbs	29-35	0.21	647 lbs	-426 lbs	27-28	0.16	-1111 lbs	-1111 lbs				
10-12	0.27	-2908 lbs	-2908 lbs	2-35	0.16	647 lbs	-426 lbs	29-30	0.30	-2029 lbs	-2029 lbs				
12-14	0.34	-3521 lbs	-3521 lbs	2-36	0.20	264 lbs	-204 lbs	31-32	0.15	-1037 lbs	-1037 lbs				
14-16	0.38	-3856 lbs	-3856 lbs	9-36	0.29	1473 lbs	-911 lbs	33-34	0.03	305 lbs	-202 lbs				
16-18	0.47	-4668 lbs	-4668 lbs	9-11	0.43	2449 lbs	-1457 lbs	36-37	0.19	-1270 lbs	-1270 lbs				
18-41	0.77	-4697 lbs	-4697 lbs	11-13	0.55	3163 lbs	-1816 lbs	39-41	0.20	2622 lbs	-1380 lbs				
6-41	0.58	-3503 lbs	-3503 lbs	13-15	0.61	3640 lbs	-2007 lbs	40-42	0.18	2484 lbs	-1226 lbs				
7-34	0.05	0 lbs	0 lbs	15-17	0.66	4104 lbs	-2127 lbs	10-11	0.07	813 lbs	-444 lbs				
8-34	0.05	0 lbs	0 lbs	17-39	0.79	4641 lbs	-2305 lbs	12-13	0.04	624 lbs	-299 lbs				
				3-39	0.84	4641 lbs	-2258 lbs	14-15	0.02	372 lbs	-130 lbs				
								16-17	0.02	491 lbs	-126 lbs				
								19-22	0.03	525 lbs	-208 lbs				
								21-24	0.03	441 lbs	-199 lbs				
								23-26	0.05	696 lbs	-340 lbs				

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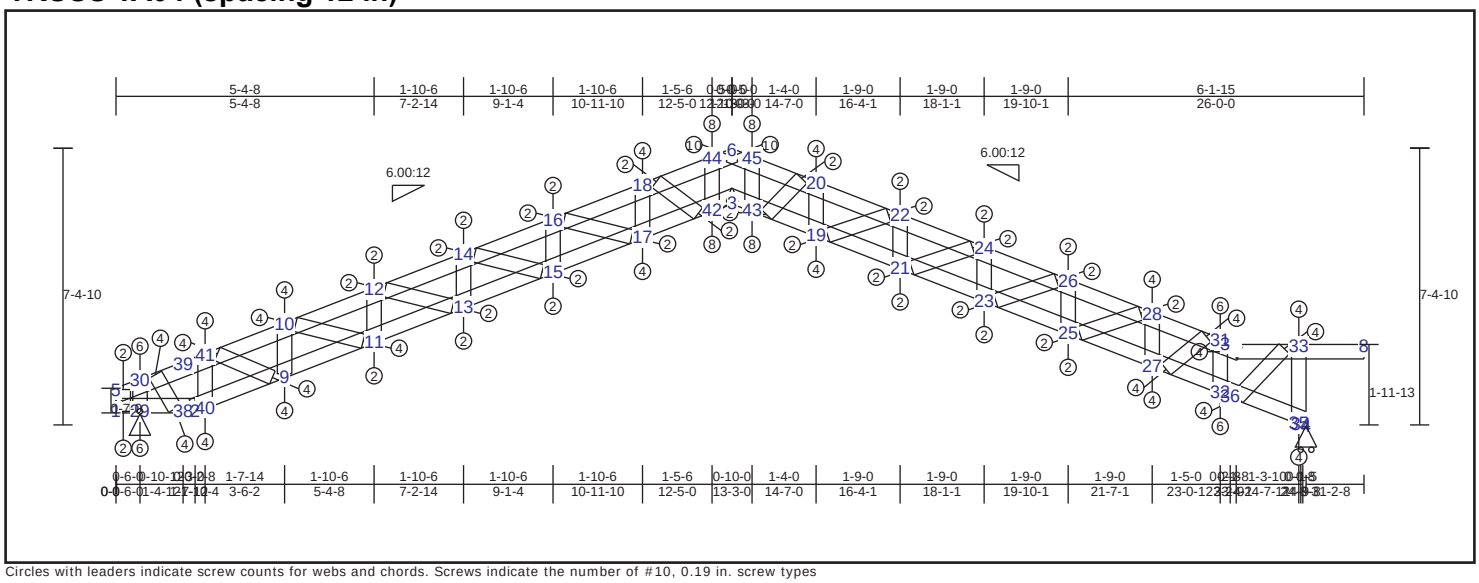
TRUSS TA04 (spacing 12 in)



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 (45 - 20)	TL(V): 0.55 in.	L / 476	(42-3)	L / 360
BC :	0.87 (3 - 43)	LL(V): 0.3 in.	L / 506	(42-3)	L / 360
Web :	0.30 (29 - 30)	DL(V): 0.25 in.	L / 644	(3-43)	L / 0
		Cant / OH TL: 0.3 in.	2L / 905	(42-3)	2L / 360
		Cant / OH LL: 0.3 in.	2L / 905	(42-3)	2L / 360
		Horiz TL: 0.3 in.		4	
		Web :			
		Snow/Wind -0.27 in.	L / 568	(42-3)	L / 360
		Cant (Snow/Wind) -0.27 in.	L / 999	(42-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	HRoll		0 lbs	770 lbs	0 lbs	-290 lbs	0 lbs
29	Pin		80 lbs	730 lbs	0 lbs	-230 lbs	80 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
7-3-13	26-0-0

Material Design Pass

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-45	0.58	-3502 lbs	-3502 lbs	1-29	0.18	-80 lbs	-80 lbs	1-5	0.05	580 lbs	-326 lbs	25-28	0.06	798 lbs	-425 lbs
20-45	0.78	-4728 lbs	-4728 lbs	29-38	0.21	648 lbs	-440 lbs	9-10	0.13	-862 lbs	-862 lbs	27-31	0.10	1184 lbs	-657 lbs
20-22	0.48	-4715 lbs	-4715 lbs	2-38	0.16	648 lbs	-440 lbs	11-12	0.09	-581 lbs	-581 lbs	33-36	0.12	1399 lbs	-785 lbs
22-24	0.36	-3824 lbs	-3824 lbs	3-43	0.87	4665 lbs	-2313 lbs	13-14	0.07	-453 lbs	-453 lbs	30-38	0.13	1568 lbs	-879 lbs
24-26	0.33	-3476 lbs	-3476 lbs	19-43	0.80	4665 lbs	-2314 lbs	15-16	0.03	-235 lbs	-235 lbs	9-41	0.10	1116 lbs	-659 lbs
26-28	0.28	-2897 lbs	-2897 lbs	19-21	0.63	4085 lbs	-2059 lbs	17-18	0.16	-1081 lbs	-1081 lbs	18-42	0.01	199 lbs	-33 lbs
28-31	0.22	-2131 lbs	-2131 lbs	21-23	0.56	3572 lbs	-1837 lbs	19-20	0.18	-1238 lbs	-1238 lbs	20-43	0.01	236 lbs	-33 lbs
7-31	0.23	-1425 lbs	-1425 lbs	23-25	0.49	3105 lbs	-1648 lbs	21-22	0.04	-303 lbs	-303 lbs				
7-33	0.23	-832 lbs	-832 lbs	25-27	0.39	2415 lbs	-1323 lbs	23-24	0.07	-478 lbs	-478 lbs				
8-33	0.17	0 lbs	0 lbs	27-32	0.33	1505 lbs	-838 lbs	25-26	0.09	-636 lbs	-636 lbs				
5-30	0.27	-637 lbs	-637 lbs	32-36	0.28	331 lbs	-98 lbs	27-28	0.13	-865 lbs	-865 lbs				
30-41	0.30	-1112 lbs	-1112 lbs	35-36	0.25	-343 lbs	-343 lbs	29-30	0.30	-2025 lbs	-2025 lbs				
10-41	0.24	-2100 lbs	-2100 lbs	4-35	0.13	-343 lbs	-343 lbs	31-32	0.27	-1839 lbs	-1839 lbs				
10-12	0.27	-2906 lbs	-2906 lbs	2-40	0.20	267 lbs	-216 lbs	33-35	0.14	-949 lbs	-949 lbs				
12-14	0.34	-3519 lbs	-3519 lbs	9-40	0.30	1475 lbs	-932 lbs	40-41	0.19	-1269 lbs	-1269 lbs				
14-16	0.38	-3857 lbs	-3857 lbs	9-11	0.44	2450 lbs	-1489 lbs	42-44	0.20	2515 lbs	-1365 lbs				
16-18	0.46	-4650 lbs	-4650 lbs	11-13	0.56	3164 lbs	-1858 lbs	43-45	0.20	2700 lbs	-1374 lbs				
18-44	0.75	-4681 lbs	-4681 lbs	13-15	0.63	3642 lbs	-2060 lbs	10-11	0.07	813 lbs	-454 lbs				
6-44	0.57	-3535 lbs	-3535 lbs	15-17	0.68	4101 lbs	-2190 lbs	12-13	0.05	624 lbs	-309 lbs				
				17-42	0.81	4629 lbs	-2374 lbs	14-15	0.02	374 lbs	-139 lbs				
				3-42	0.86	4629 lbs	-2333 lbs	16-17	0.02	482 lbs	-141 lbs				
								19-22	0.04	573 lbs	-245 lbs				
								21-24	0.03	380 lbs	-176 lbs				
								23-26	0.05	617 lbs	-310 lbs				

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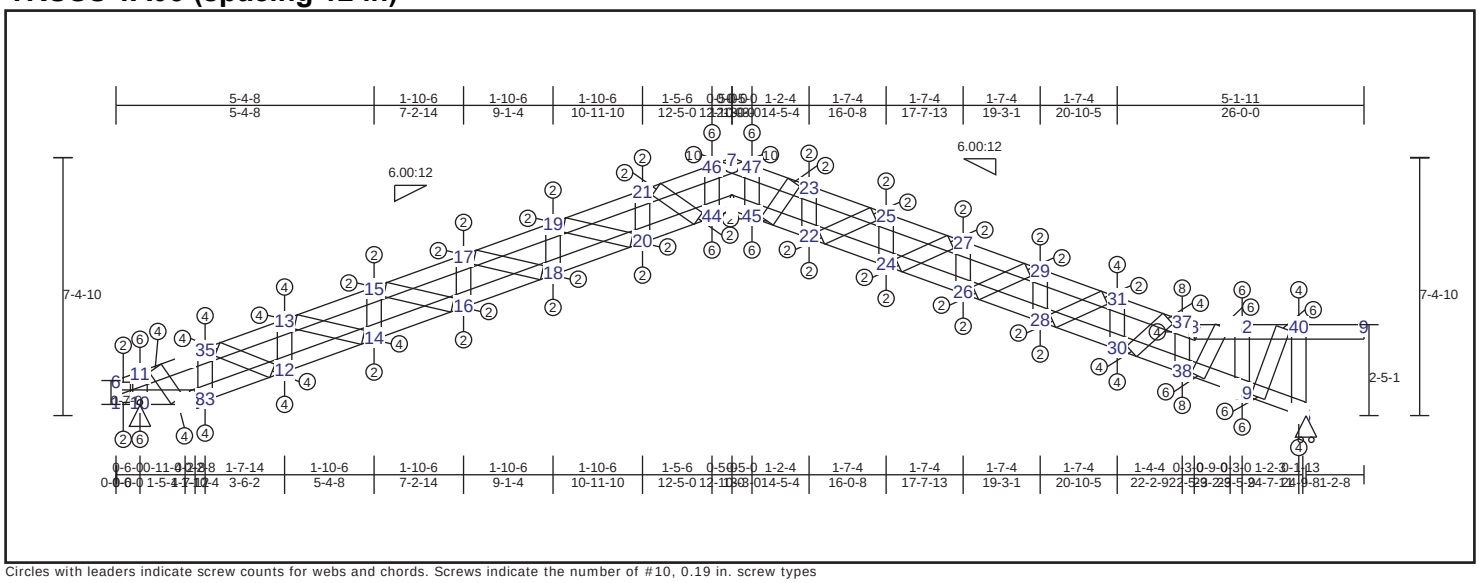
TRUSS TA05 (spacing 12 in)



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 (47 - 23)	TL(V): 0.43 in.	L / 371	(4-45)	L / 360
BC :	0.71 (20 - 44)	LL(V): 0.23 in.	L / 682	(4-45)	L / 360
Web :	0.37 (38 - 37)	DL(V): 0.2 in.	L / 770	(44-4)	L / 0
		Cant / OH TL: 0.23 in.	2L / 999	(4-45)	2L / 360
		Cant / OH LL: 0.23 in.	2L / 999	(4-45)	2L / 360
		Horiz TL: 0.24 in.		5	
		Web :			
		Snow/Wind -0.23 in.	L / 702	(4-45)	L / 360
		Cant (Snow/Wind) -0.23 in.	L / 999	(4-45)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
5	HRoll		0 lbs	770 lbs	0 lbs	-300 lbs	0 lbs
10	Pin		90 lbs	730 lbs	0 lbs	-230 lbs	90 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
7-3-13	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-47	0.49	-2961 lbs	-2961 lbs	1-10	0.16	-93 lbs	-93 lbs	1-6	0.04	530 lbs	-298 lbs	28-31	0.06	721 lbs	-385 lbs
23-47	0.66	-4055 lbs	-4055 lbs	10-34	0.20	666 lbs	-461 lbs	10-11	0.27	-1863 lbs	-1863 lbs	11-34	0.12	1467 lbs	-823 lbs
23-25	0.38	-4055 lbs	-4055 lbs	2-34	0.15	666 lbs	-461 lbs	12-13	0.12	-847 lbs	-847 lbs	12-35	0.10	1103 lbs	-661 lbs
25-27	0.37	-3926 lbs	-3926 lbs	4-45	0.62	3991 lbs	-2065 lbs	14-15	0.09	-585 lbs	-585 lbs	30-37	0.11	1342 lbs	-745 lbs
27-29	0.34	-3600 lbs	-3600 lbs	22-45	0.66	3991 lbs	-2065 lbs	16-17	0.07	-447 lbs	-447 lbs	39-40	0.15	1783 lbs	-980 lbs
29-31	0.30	-3120 lbs	-3120 lbs	22-24	0.63	3946 lbs	-2054 lbs	18-19	0.04	-302 lbs	-302 lbs	38-42	0.17	2036 lbs	-1134 lbs
31-37	0.26	-2486 lbs	-2486 lbs	24-26	0.59	3668 lbs	-1935 lbs	20-21	0.02	-148 lbs	-148 lbs	21-44	0.08	-520 lbs	-520 lbs
8-37	0.27	-1843 lbs	-1843 lbs	26-28	0.52	3235 lbs	-1729 lbs	22-23	0.02	-154 lbs	-154 lbs	23-45	0.10	-674 lbs	-674 lbs
6-11	0.25	-587 lbs	-587 lbs	28-30	0.43	2647 lbs	-1450 lbs	24-25	0.05	-336 lbs	-336 lbs				
11-35	0.28	-1129 lbs	-1129 lbs	30-38	0.45	1876 lbs	-1039 lbs	26-27	0.07	-490 lbs	-490 lbs				
13-35	0.24	-2102 lbs	-2102 lbs	38-39	0.39	714 lbs	-391 lbs	28-29	0.10	-650 lbs	-650 lbs				
13-15	0.27	-2911 lbs	-2911 lbs	39-41	0.30	-342 lbs	-342 lbs	30-31	0.13	-871 lbs	-871 lbs				
15-17	0.34	-3517 lbs	-3517 lbs	5-41	0.13	-342 lbs	-342 lbs	33-35	0.19	-1271 lbs	-1271 lbs				
17-19	0.37	-3918 lbs	-3918 lbs	2-33	0.20	285 lbs	-237 lbs	37-38	0.37	-2511 lbs	-2511 lbs				
19-21	0.40	-4145 lbs	-4145 lbs	12-33	0.31	1487 lbs	-958 lbs	32-39	0.31	-2037 lbs	-2037 lbs				
21-46	0.64	-4145 lbs	-4145 lbs	12-14	0.45	2456 lbs	-1522 lbs	40-41	0.19	-1118 lbs	-1118 lbs				
7-46	0.48	-3000 lbs	-3000 lbs	14-16	0.57	3167 lbs	-1900 lbs	44-46	0.18	2115 lbs	-1203 lbs				
8-42	0.32	-1138 lbs	-1138 lbs	16-18	0.65	3676 lbs	-2127 lbs	45-47	0.19	2398 lbs	-1275 lbs				
32-42	0.29	-455 lbs	-455 lbs	18-20	0.68	4023 lbs	-2216 lbs	13-14	0.07	814 lbs	-464 lbs				
32-40	0.29	-455 lbs	-455 lbs	20-44	0.71	4087 lbs	-2216 lbs	15-16	0.05	617 lbs	-316 lbs				
9-40	0.21	0 lbs	0 lbs	4-44	0.61	3916 lbs	-2063 lbs	17-18	0.03	421 lbs	-171 lbs				
								19-20	0.01	285 lbs	-72 lbs				
								22-25	0.01	234 lbs	-89 lbs				
								24-27	0.03	398 lbs	-189 lbs				
								26-29	0.04	561 lbs	-287 lbs				

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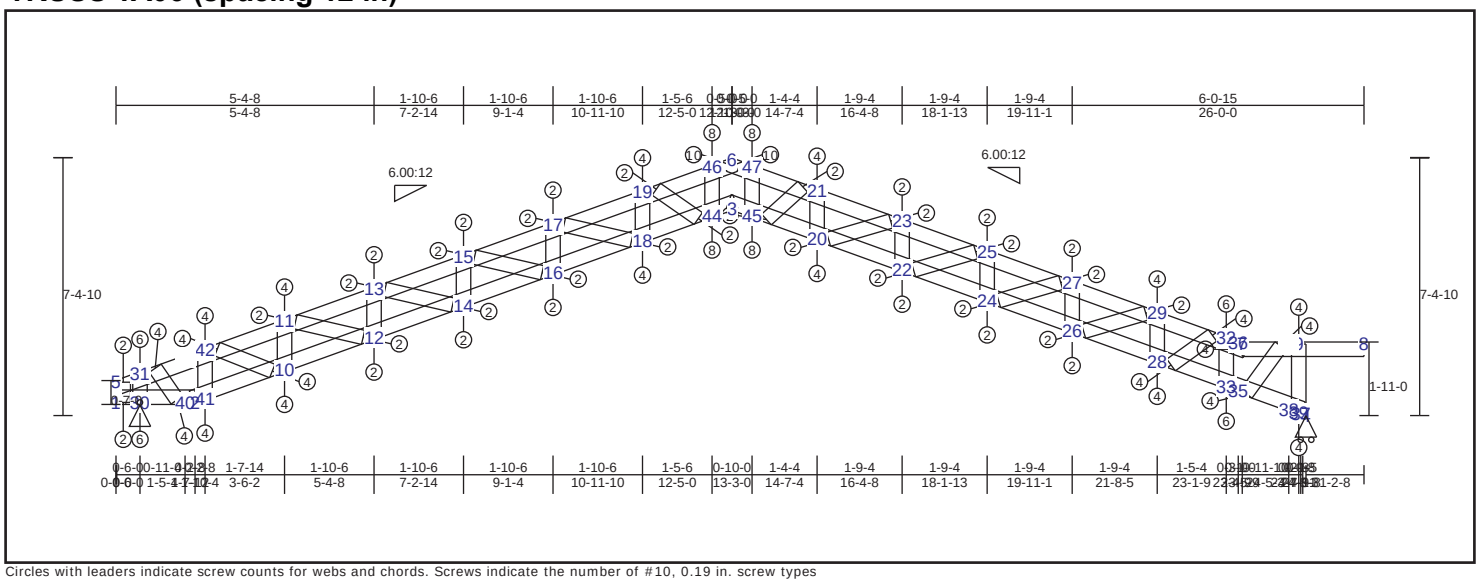
TRUSS TA06 (spacing 12 in)



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 (47 - 21)	TL(V): 0.55 in.	L / 492	(3-45)	L / 360
BC :	0.86 (3 - 45)	LL(V): 0.3 in.	L / 534	(3-45)	L / 360
Web :	0.30 (33 - 32)	DL(V): 0.25 in.	L / 643	(3-45)	L / 0
		Cant / OH TL: 0.3 in.	2L / 902	(3-45)	2L / 360
		Cant / OH LL: 0.3 in.	2L / 902	(3-45)	2L / 360
		Horiz TL: 0.3 in.		4	
		Web :			
		Snow/Wind -0.27 in.	L / 590	(3-45)	L / 360
		Cant (Snow/Wind) -0.27 in.	L / 997	(3-45)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	HRoll		0 lbs	770 lbs	0 lbs	-290 lbs	0 lbs
30	Pin		80 lbs	730 lbs	0 lbs	-230 lbs	80 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
7-3-13	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-31	0.25	-588 lbs	-588 lbs	1-30	0.16	-78 lbs	-78 lbs	1-5	0.04	530 lbs	-298 lbs
31-42	0.28	-1128 lbs	-1128 lbs	30-40	0.20	662 lbs	-446 lbs	10-11	0.12	-845 lbs	-845 lbs
11-42	0.24	-2100 lbs	-2100 lbs	2-40	0.15	662 lbs	-446 lbs	12-13	0.09	-583 lbs	-583 lbs
11-13	0.27	-2906 lbs	-2906 lbs	3-45	0.86	4655 lbs	-2297 lbs	14-15	0.07	-453 lbs	-453 lbs
13-15	0.34	-3520 lbs	-3520 lbs	20-45	0.80	4655 lbs	-2298 lbs	16-17	0.03	-235 lbs	-235 lbs
15-17	0.38	-3856 lbs	-3856 lbs	20-22	0.63	4077 lbs	-2048 lbs	18-19	0.16	-1084 lbs	-1084 lbs
17-19	0.46	-4651 lbs	-4651 lbs	22-24	0.56	3563 lbs	-1827 lbs	20-21	0.18	-1222 lbs	-1222 lbs
19-46	0.76	-4683 lbs	-4683 lbs	24-26	0.49	3085 lbs	-1634 lbs	22-23	0.04	-295 lbs	-295 lbs
6-46	0.57	-3531 lbs	-3531 lbs	26-28	0.38	2380 lbs	-1302 lbs	24-25	0.07	-480 lbs	-480 lbs
6-47	0.58	-3507 lbs	-3507 lbs	28-33	0.37	1456 lbs	-810 lbs	26-27	0.09	-631 lbs	-631 lbs
21-47	0.77	-4719 lbs	-4719 lbs	33-35	0.31	131 lbs	-74 lbs	28-29	0.13	-873 lbs	-873 lbs
21-23	0.47	-4700 lbs	-4700 lbs	35-39	0.26	-343 lbs	-343 lbs	30-31	0.27	-1865 lbs	-1865 lbs
23-25	0.36	-3813 lbs	-3813 lbs	4-39	0.13	-343 lbs	-343 lbs	32-33	0.30	-2015 lbs	-2015 lbs
25-27	0.33	-3459 lbs	-3459 lbs	2-41	0.20	282 lbs	-223 lbs	9-39	0.15	-982 lbs	-982 lbs
27-29	0.27	-2863 lbs	-2863 lbs	10-41	0.30	1482 lbs	-934 lbs	41-42	0.19	-1269 lbs	-1269 lbs
29-32	0.23	-2088 lbs	-2088 lbs	10-12	0.44	2449 lbs	-1484 lbs	44-46	0.20	2529 lbs	-1367 lbs
7-32	0.25	-1307 lbs	-1307 lbs	12-14	0.56	3165 lbs	-1853 lbs	45-47	0.20	2669 lbs	-1353 lbs
7-34	0.25	-684 lbs	-684 lbs	14-16	0.63	3642 lbs	-2053 lbs	11-12	0.07	811 lbs	-452 lbs
9-34	0.19	0 lbs	0 lbs	16-18	0.68	4101 lbs	-2182 lbs	13-14	0.05	624 lbs	-308 lbs
8-9	0.18	0 lbs	0 lbs	18-44	0.80	4630 lbs	-2365 lbs	15-16	0.02	373 lbs	-138 lbs
				3-44	0.86	4630 lbs	-2324 lbs	17-18	0.02	483 lbs	-139 lbs
								20-23	0.04	567 lbs	-240 lbs
								22-25	0.03	386 lbs	-178 lbs
								24-27	0.05	629 lbs	-315 lbs

Web			
26-29	0.06	796 lbs	-424 lbs
28-32	0.11	1308 lbs	-725 lbs
34-35	0.12	1474 lbs	-826 lbs
31-40	0.12	1469 lbs	-823 lbs
10-42	0.10	1101 lbs	-650 lbs
19-44	0.01	200 lbs	-34 lbs
21-45	0.01	237 lbs	-31 lbs

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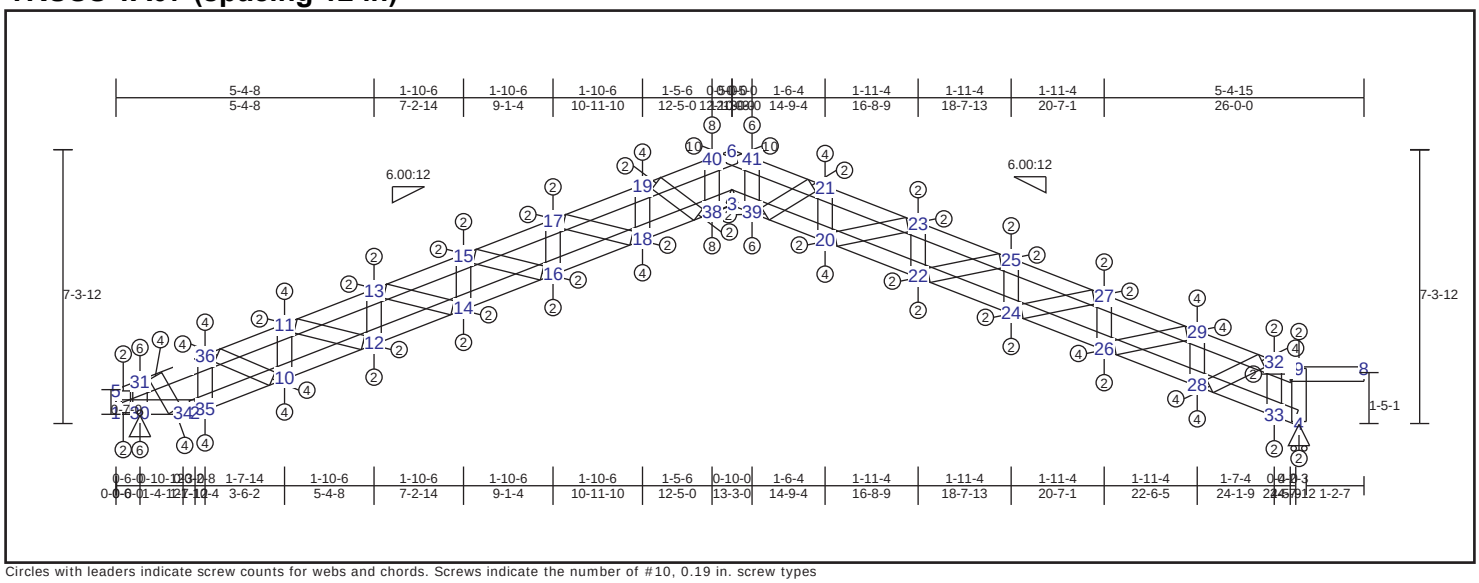
TRUSS TA07 (spacing 12 in)



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 4-9 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 :	0.77 (19 - 40)	TL(V): 0.54 in.	L / 495	(3-39)	L / 360
BC :	0.83 (38 - 3)	LL(V): 0.29 in.	L / 545	(3-39)	L / 360
Web :	0.29 (30 - 31)	DL(V): 0.25 in.	L / 644	(3-39)	L / 0
		Cant / OH TL: 0.29 in.	2L / 927	(3-39)	2L / 360
		Cant / OH LL: 0.29 in.	2L / 927	(3-39)	2L / 360
		Horiz TL: 0.3 in.		4	
		Web :			
		Snow/Wind -0.26 in.	L / 616	(3-39)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 999	(3-39)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	HRoll		0 lbs	770 lbs	0 lbs	-290 lbs	0 lbs
30	Pin		60 lbs	730 lbs	0 lbs	-230 lbs	60 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
7-2-15	26-0-0

Material Design Pass

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord			
5-31	0.27	-635 lbs	-635 lbs	1-30	0.18	-64 lbs	-64 lbs
31-36	0.30	-1106 lbs	-1106 lbs	30-34	0.21	642 lbs	-422 lbs
11-36	0.24	-2088 lbs	-2088 lbs	2-34	0.16	642 lbs	-422 lbs
11-13	0.27	-2888 lbs	-2888 lbs	3-39	0.80	4539 lbs	-2150 lbs
13-15	0.34	-3494 lbs	-3494 lbs	20-39	0.76	4539 lbs	-2150 lbs
15-17	0.38	-3823 lbs	-3823 lbs	20-22	0.60	3960 lbs	-1927 lbs
17-19	0.46	-4621 lbs	-4621 lbs	22-24	0.52	3440 lbs	-1717 lbs
19-40	0.77	-4647 lbs	-4647 lbs	24-26	0.45	2861 lbs	-1482 lbs
6-40	0.57	-3458 lbs	-3458 lbs	26-28	0.33	2047 lbs	-1102 lbs
6-41	0.56	-3503 lbs	-3503 lbs	28-33	0.19	840 lbs	-439 lbs
21-41	0.74	-4610 lbs	-4610 lbs	4-33	0.18	-223 lbs	-223 lbs
21-23	0.46	-4534 lbs	-4534 lbs	2-35	0.20	262 lbs	-200 lbs
23-25	0.37	-3686 lbs	-3686 lbs	10-35	0.29	1464 lbs	-903 lbs
25-27	0.31	-3262 lbs	-3262 lbs	10-12	0.42	2432 lbs	-1443 lbs
27-29	0.23	-2538 lbs	-2538 lbs	12-14	0.54	3139 lbs	-1796 lbs
29-32	0.28	-1594 lbs	-1594 lbs	14-16	0.61	3610 lbs	-1982 lbs
7-32	0.18	-436 lbs	-436 lbs	16-18	0.65	4065 lbs	-2094 lbs
7-9	0.07	0 lbs	0 lbs	18-38	0.77	4592 lbs	-2266 lbs
8-9	0.07	0 lbs	0 lbs	3-38	0.83	4592 lbs	-2217 lbs

Web			
1-5	0.05	578 lbs	-324 lbs
10-11	0.13	-856 lbs	-856 lbs
12-13	0.08	-576 lbs	-576 lbs
14-15	0.07	-448 lbs	-448 lbs
16-17	0.03	-229 lbs	-229 lbs
18-19	0.16	-1094 lbs	-1094 lbs
20-21	0.16	-1094 lbs	-1094 lbs
22-23	0.04	-262 lbs	-262 lbs
24-25	0.07	-504 lbs	-504 lbs
26-27	0.09	-607 lbs	-607 lbs
28-29	0.16	-1093 lbs	-1093 lbs
30-31	0.29	-2020 lbs	-2020 lbs
32-33	0.12	-791 lbs	-791 lbs
4-9	0.04	413 lbs	-271 lbs
35-36	0.19	-1263 lbs	-1263 lbs
38-40	0.20	2611 lbs	-1366 lbs
39-41	0.17	2425 lbs	-1187 lbs
11-12	0.07	806 lbs	-439 lbs
13-14	0.04	617 lbs	-294 lbs
15-16	0.02	366 lbs	-125 lbs
17-18	0.02	482 lbs	-118 lbs
20-23	0.03	525 lbs	-207 lbs

Web			
22-25	0.03	458 lbs	-208 lbs
24-27	0.05	712 lbs	-347 lbs
26-29	0.08	944 lbs	-510 lbs
28-32	0.11	1347 lbs	-730 lbs
31-34	0.13	1564 lbs	-876 lbs
10-36	0.10	1110 lbs	-645 lbs
19-38	0.01	215 lbs	-43 lbs
21-39	0.01	270 lbs	-22 lbs

TAYNR, Inc.
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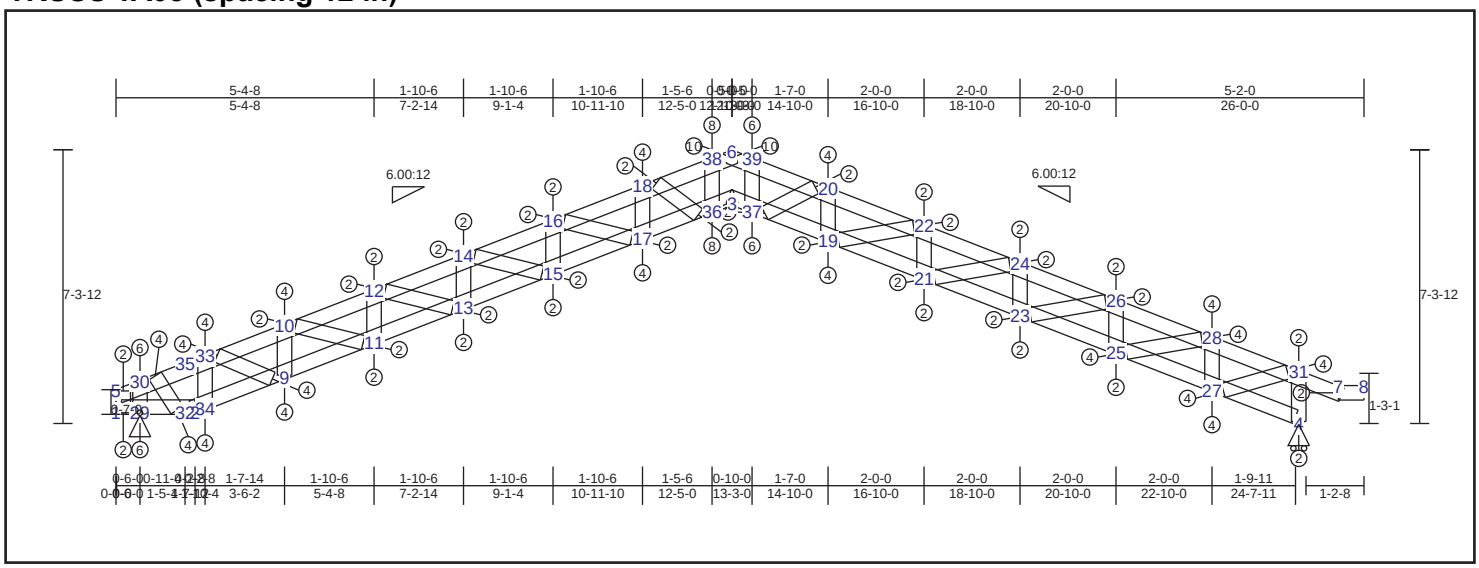
TRUSS TA08 (spacing 12 in)



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 (18 - 38)	TL(V): 0.57 in.	L / 462	(7-8)	L / 360
BC :	0.75 (36 - 3)	LL(V): 0.31 in.	L / 480	(7-8)	L / 360
Web :	0.27 (29 - 30)	DL(V): 0.26 in.	L / 578	(7-8)	L / 0
		Cant / OH TL: 0.31 in.	2L / 859	(7-8)	2L / 360
		Cant / OH LL: 0.31 in.	2L / 859	(7-8)	2L / 360
		Horiz TL: 0.3 in.		4	
		Web :			
		Snow/Wind -0.26 in.	L / 574	(7-8)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 999	(7-8)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	HRoll		0 lbs	770 lbs	0 lbs	-270 lbs	0 lbs
29	Pin		-50 lbs	730 lbs	0 lbs	-240 lbs	-50 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
7-2-14	26-0-0

Material Design Pass

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
5-30	0.25	-586 lbs	-586 lbs	1-29	0.15	47 lbs	-32 lbs	1-5	0.04	528 lbs	-297 lbs	23-26	0.05	751 lbs	-343 lbs
30-33	0.28	-1122 lbs	-1122 lbs	29-32	0.20	654 lbs	-398 lbs	9-10	0.12	-838 lbs	-838 lbs	25-28	0.07	988 lbs	-500 lbs
10-33	0.23	-2086 lbs	-2086 lbs	2-32	0.15	654 lbs	-398 lbs	11-12	0.08	-576 lbs	-576 lbs	27-31	0.08	1047 lbs	-560 lbs
10-12	0.27	-2882 lbs	-2882 lbs	3-37	0.72	4501 lbs	-1943 lbs	13-14	0.07	-446 lbs	-446 lbs	30-32	0.12	1463 lbs	-821 lbs
12-14	0.33	-3486 lbs	-3486 lbs	19-37	0.69	4501 lbs	-1947 lbs	15-16	0.03	-227 lbs	-227 lbs	9-33	0.09	1092 lbs	-612 lbs
14-16	0.38	-3811 lbs	-3811 lbs	19-21	0.56	3921 lbs	-1771 lbs	17-18	0.16	-1096 lbs	-1096 lbs	18-36	0.01	246 lbs	-50 lbs
16-18	0.46	-4610 lbs	-4610 lbs	21-23	0.49	3400 lbs	-1607 lbs	19-20	0.15	-1047 lbs	-1047 lbs	20-37	0.01	297 lbs	-24 lbs
18-38	0.77	-4633 lbs	-4633 lbs	23-25	0.42	2789 lbs	-1395 lbs	21-22	0.04	-255 lbs	-255 lbs				
6-38	0.58	-3433 lbs	-3433 lbs	25-27	0.30	1917 lbs	-1000 lbs	23-24	0.07	-507 lbs	-507 lbs				
6-39	0.56	-3501 lbs	-3501 lbs	4-27	0.15	741 lbs	-394 lbs	25-26	0.09	-627 lbs	-627 lbs				
20-39	0.73	-4576 lbs	-4576 lbs	2-34	0.20	275 lbs	-181 lbs	27-28	0.13	-894 lbs	-894 lbs				
20-22	0.45	-4478 lbs	-4478 lbs	9-34	0.27	1467 lbs	-857 lbs	29-30	0.27	-1859 lbs	-1859 lbs				
22-24	0.37	-3649 lbs	-3649 lbs	9-11	0.40	2423 lbs	-1365 lbs	4-31	0.12	-809 lbs	-809 lbs				
24-26	0.31	-3197 lbs	-3197 lbs	11-13	0.51	3129 lbs	-1692 lbs	33-34	0.19	-1261 lbs	-1261 lbs				
26-28	0.23	-2425 lbs	-2425 lbs	13-15	0.57	3596 lbs	-1855 lbs	36-38	0.19	2636 lbs	-1284 lbs				
28-31	0.17	-1416 lbs	-1416 lbs	15-17	0.60	4050 lbs	-1934 lbs	37-39	0.16	2352 lbs	-1068 lbs				
7-31	0.13	-335 lbs	-335 lbs	17-36	0.70	4576 lbs	-2076 lbs	10-11	0.06	802 lbs	-413 lbs				
7-8	0.01	0 lbs	0 lbs	3-36	0.75	4576 lbs	-2016 lbs	12-13	0.04	615 lbs	-270 lbs				
								14-15	0.02	363 lbs	-103 lbs				
								16-17	0.02	481 lbs	-91 lbs				
								19-22	0.03	513 lbs	-162 lbs				
								21-24	0.03	484 lbs	-192 lbs				

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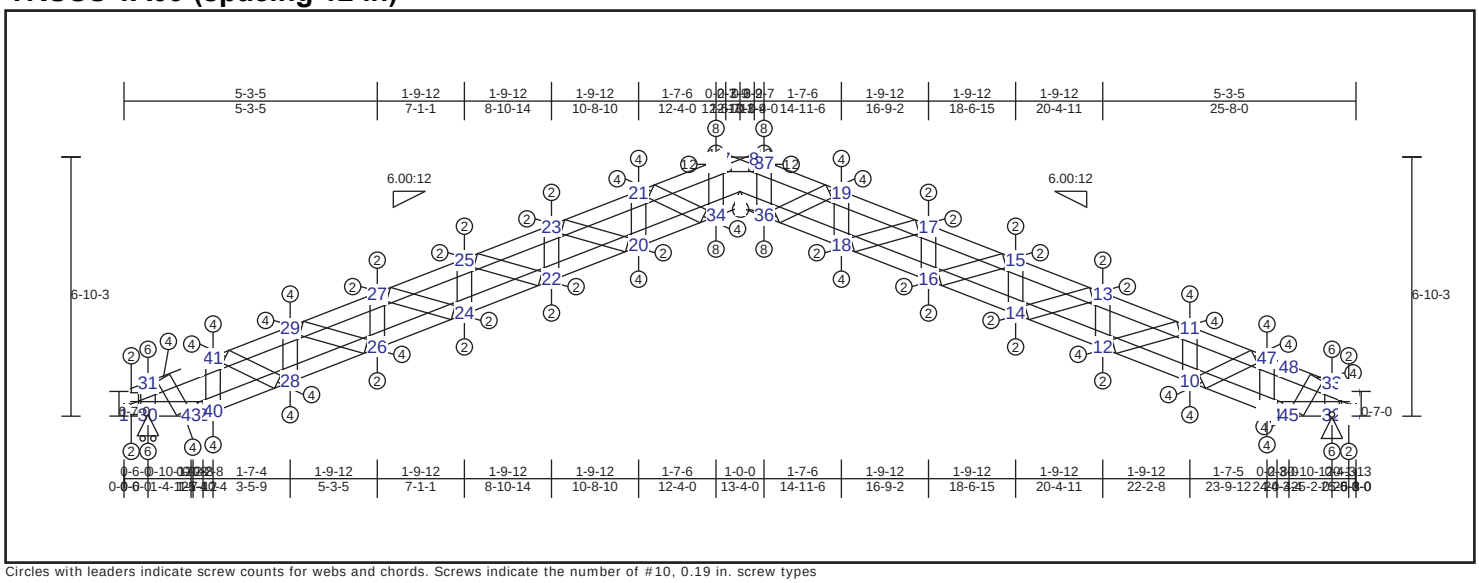
TRUSS TA09 (spacing 12 in)



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 (37 - 19)	TL(V): 0.69 in.	L / 419	(3-36)	L / 360
BC :	0.95 (34 - 3)	LL(V): 0.37 in.	L / 403	(3-36)	L / 360
Web :	0.30 (32 - 33)	DL(V): 0.31 in.	L / 480	(3-36)	L / 0
		Cant / OH TL: 0.37 in.	2L / 720	(3-36)	2L / 360
		Cant / OH LL: 0.37 in.	2L / 720	(3-36)	2L / 360
		Horiz TL: -0.35 in.		1	
		Web :			
		Snow/Wind -0.31 in.	L / 481	(34-3)	L / 360
		Cant (Snow/Wind) -0.31 in.	L / 860	(34-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
30	HRoll		0 lbs	740 lbs	0 lbs	-240 lbs	0 lbs
32	Pin		-50 lbs	750 lbs	0 lbs	-240 lbs	-50 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
6-10-3	25-8-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-37	0.47	-4137 lbs	-4137 lbs	4-45	0.16	657 lbs	-414 lbs	10-11	0.13	-915 lbs	-915 lbs	24-27	0.04	650 lbs	-299 lbs
19-37	0.66	-5313 lbs	-5313 lbs	32-45	0.22	657 lbs	-414 lbs	12-13	0.09	-616 lbs	-616 lbs	26-29	0.06	834 lbs	-411 lbs
17-19	0.51	-4870 lbs	-4870 lbs	32-38	0.18	-46 lbs	-46 lbs	14-15	0.07	-502 lbs	-502 lbs	21-34	0.05	856 lbs	-315 lbs
15-17	0.39	-3881 lbs	-3881 lbs	5-38	0.12	0 lbs	0 lbs	16-17	0.03	-180 lbs	-180 lbs	19-36	0.04	854 lbs	-228 lbs
13-15	0.34	-3568 lbs	-3568 lbs	1-30	0.18	0 lbs	0 lbs	18-19	0.22	-1523 lbs	-1523 lbs	28-41	0.09	1136 lbs	-612 lbs
11-13	0.28	-2930 lbs	-2930 lbs	30-43	0.22	658 lbs	-369 lbs	20-21	0.22	-1523 lbs	-1523 lbs	31-43	0.13	1614 lbs	-904 lbs
11-47	0.25	-2115 lbs	-2115 lbs	2-43	0.16	658 lbs	-369 lbs	22-23	0.03	-179 lbs	-179 lbs	33-45	0.13	1615 lbs	-903 lbs
33-47	0.31	-1145 lbs	-1145 lbs	2-40	0.20	266 lbs	-147 lbs	24-25	0.07	-502 lbs	-502 lbs	10-47	0.10	1137 lbs	-648 lbs
33-39	0.28	-653 lbs	-653 lbs	28-40	0.26	1453 lbs	-798 lbs	26-27	0.09	-616 lbs	-616 lbs				
9-39	0.11	275 lbs	-148 lbs	26-28	0.38	2443 lbs	-1301 lbs	28-29	0.13	-914 lbs	-914 lbs				
7-8	0.33	-4614 lbs	-4614 lbs	24-26	0.49	3174 lbs	-1620 lbs	1-6	0.05	593 lbs	-333 lbs				
6-31	0.28	-652 lbs	-652 lbs	22-24	0.55	3673 lbs	-1802 lbs	30-31	0.30	-2073 lbs	-2073 lbs				
31-41	0.31	-1146 lbs	-1146 lbs	20-22	0.63	4103 lbs	-1953 lbs	32-33	0.30	-2075 lbs	-2075 lbs				
29-41	0.25	-2115 lbs	-2115 lbs	20-34	0.94	5241 lbs	-2413 lbs	34-35	0.19	2572 lbs	-1258 lbs				
27-29	0.28	-2930 lbs	-2930 lbs	3-34	0.95	5241 lbs	-2413 lbs	36-37	0.19	2574 lbs	-1257 lbs				
25-27	0.34	-3567 lbs	-3567 lbs	3-36	0.95	5242 lbs	-2437 lbs	38-39	0.05	594 lbs	-331 lbs				
23-25	0.39	-3880 lbs	-3880 lbs	18-36	0.93	5242 lbs	-2437 lbs	40-41	0.19	-1318 lbs	-1318 lbs				
21-23	0.51	-4868 lbs	-4868 lbs	16-18	0.66	4105 lbs	-2068 lbs	46-47	0.19	-1318 lbs	-1318 lbs				
21-35	0.66	-5312 lbs	-5312 lbs	14-16	0.60	3675 lbs	-1966 lbs	11-12	0.07	835 lbs	-444 lbs				
7-35	0.47	-4137 lbs	-4137 lbs	12-14	0.53	3175 lbs	-1769 lbs	13-14	0.04	651 lbs	-303 lbs				
				10-12	0.41	2444 lbs	-1412 lbs	15-16	0.02	388 lbs	-132 lbs				
				10-46	0.28	1453 lbs	-870 lbs	17-18	0.02	497 lbs	-125 lbs				
				4-46	0.20	265 lbs	-188 lbs	20-23	0.03	496 lbs	-176 lbs				
								22-25	0.02	388 lbs	-153 lbs				

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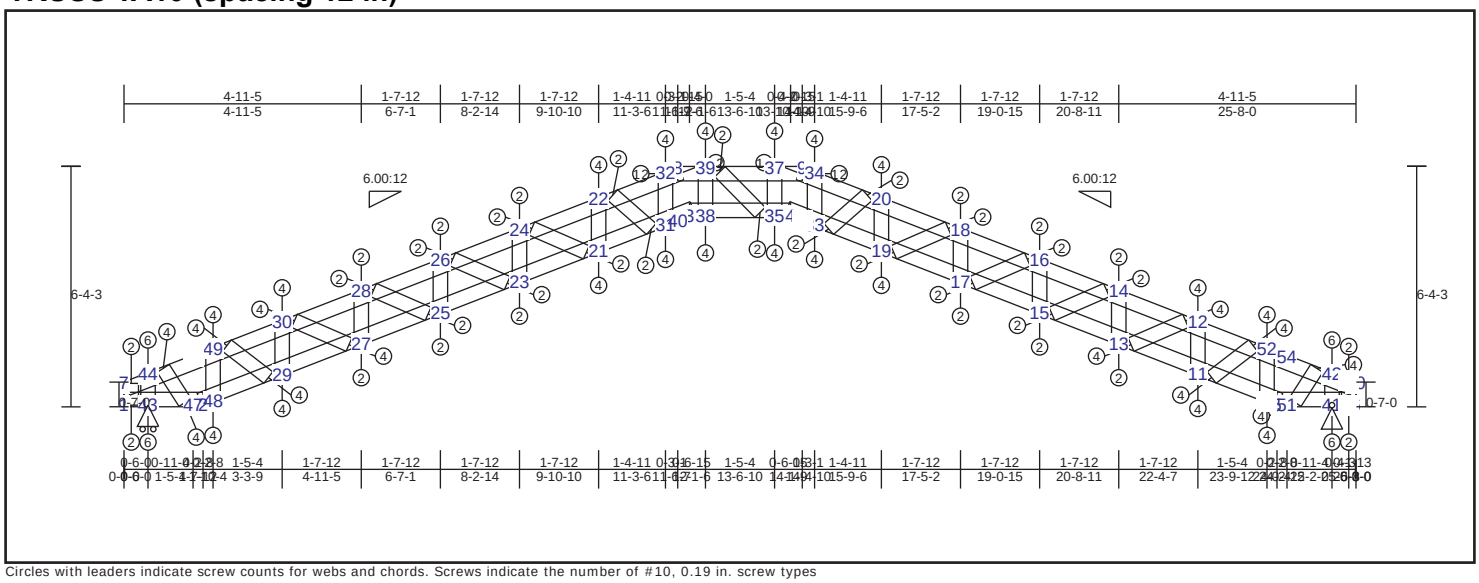
TRUSS TA10 (spacing 12 in)



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 :	0.60 (39 - 37)	TL(V): 0.53 in.	L / 458	(4-33)	L / 360
BC :	0.80 (4 - 33)	LL(V): 0.29 in.	L / 468	(4-33)	L / 360
Web :	0.28 (41 - 42)	DL(V): 0.24 in.	L / 410	(35-4)	L / 0
		Cant / OH TL: 0.29 in.	2L / 0	(35-4)	2L / 360
		Cant / OH LL: 0.29 in.	2L / 0	(35-4)	2L / 360
		Horiz TL: -0.27 in.		1	
		Web :			
		Snow/Wind -0.26 in.	L / 526	(4-33)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 0	(35-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
41	Pin		-40 lbs	740 lbs	0 lbs	-250 lbs	-40 lbs
43	HRoll		0 lbs	740 lbs	0 lbs	-240 lbs	0 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
6-4-3	25-8-0

Material Design Pass

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-44	0.26	-606 lbs	-606 lbs	3-38	0.66	4162 lbs	-2003 lbs	11-12	0.15	-1040 lbs	-1040 lbs	18-19	0.03	541 lbs	-176 lbs
44-49	0.29	-1213 lbs	-1213 lbs	35-38	0.69	4162 lbs	-2046 lbs	13-14	0.11	-724 lbs	-724 lbs	21-24	0.03	563 lbs	-232 lbs
30-49	0.25	-2020 lbs	-2020 lbs	4-35	0.68	4139 lbs	-2046 lbs	15-16	0.08	-570 lbs	-570 lbs	23-26	0.03	459 lbs	-203 lbs
28-30	0.27	-2800 lbs	-2800 lbs	1-43	0.16	0 lbs	0 lbs	17-18	0.06	-384 lbs	-384 lbs	25-28	0.05	664 lbs	-321 lbs
26-28	0.32	-3396 lbs	-3396 lbs	43-47	0.21	690 lbs	-383 lbs	19-20	0.17	-1122 lbs	-1122 lbs	27-30	0.07	869 lbs	-442 lbs
24-26	0.36	-3792 lbs	-3792 lbs	2-47	0.15	690 lbs	-383 lbs	21-22	0.18	-1202 lbs	-1202 lbs	22-31	0.04	643 lbs	-247 lbs
22-24	0.43	-4614 lbs	-4614 lbs	5-51	0.16	689 lbs	-436 lbs	23-24	0.06	-380 lbs	-380 lbs	20-33	0.03	629 lbs	-164 lbs
22-32	0.51	-4773 lbs	-4773 lbs	41-51	0.21	689 lbs	-436 lbs	25-26	0.08	-570 lbs	-570 lbs	35-39	0.01	105 lbs	-90 lbs
8-32	0.42	-4184 lbs	-4184 lbs	41-45	0.16	-43 lbs	-43 lbs	27-28	0.11	-724 lbs	-724 lbs	29-49	0.09	1152 lbs	-615 lbs
8-39	0.56	-4198 lbs	-4198 lbs	6-45	0.11	0 lbs	0 lbs	29-30	0.15	-1039 lbs	-1039 lbs	44-47	0.13	1547 lbs	-858 lbs
37-39	0.60	-4198 lbs	-4198 lbs	2-48	0.21	288 lbs	-158 lbs	1-7	0.04	546 lbs	-303 lbs	42-51	0.13	1548 lbs	-883 lbs
9-37	0.60	-4174 lbs	-4174 lbs	29-48	0.24	1299 lbs	-709 lbs	31-32	0.10	1272 lbs	-694 lbs	11-52	0.10	1152 lbs	-669 lbs
9-34	0.41	-4226 lbs	-4226 lbs	27-29	0.36	2259 lbs	-1197 lbs	33-34	0.10	1074 lbs	-650 lbs				
20-34	0.49	-4726 lbs	-4726 lbs	25-27	0.45	2962 lbs	-1525 lbs	35-37	0.07	1089 lbs	-480 lbs				
18-20	0.42	-4571 lbs	-4571 lbs	23-25	0.53	3481 lbs	-1765 lbs	38-39	0.06	860 lbs	-382 lbs				
16-18	0.36	-3797 lbs	-3797 lbs	21-23	0.60	3974 lbs	-1971 lbs	41-42	0.28	-1924 lbs	-1924 lbs				
14-16	0.32	-3397 lbs	-3397 lbs	21-31	0.79	4683 lbs	-2279 lbs	43-44	0.28	-1922 lbs	-1922 lbs				
12-14	0.27	-2801 lbs	-2801 lbs	3-31	0.80	4683 lbs	-2279 lbs	45-46	0.05	547 lbs	-310 lbs				
12-52	0.25	-2020 lbs	-2020 lbs	4-33	0.80	4637 lbs	-2342 lbs	48-49	0.21	-1421 lbs	-1421 lbs				
42-52	0.29	-1212 lbs	-1212 lbs	19-33	0.78	4637 lbs	-2342 lbs	52-53	0.21	-1421 lbs	-1421 lbs				
42-46	0.26	-606 lbs	-606 lbs	17-19	0.65	3967 lbs	-2101 lbs	12-13	0.07	869 lbs	-479 lbs				
10-46	0.10	254 lbs	-139 lbs	15-17	0.59	3484 lbs	-1933 lbs	14-15	0.05	663 lbs	-330 lbs				
				13-15	0.51	2963 lbs	-1699 lbs	16-17	0.03	463 lbs	-191 lbs				
				11-13	0.40	2259 lbs	-1334 lbs								
				11-53	0.26	1299 lbs	-793 lbs								
				5-53	0.21	287 lbs	-200 lbs								

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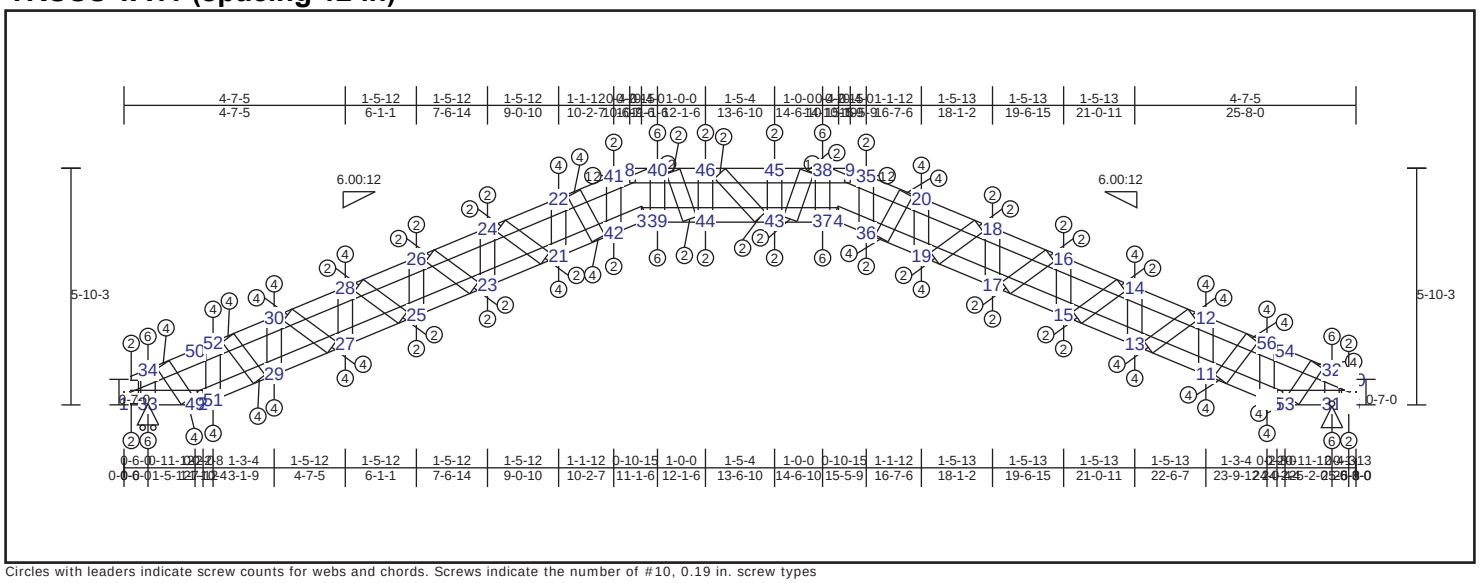
TRUSS TA11 (spacing 12 in)



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 :	0.69 (8 - 40)	TL(V): 0.49 in.	L / 401	(44-43)	L / 360
BC :	0.72 (4 - 36)	LL(V): 0.27 in.	L / 684	(44-43)	L / 360
Web :	0.26 (31 - 32)	DL(V): 0.22 in.	L / 427	(44-43)	L / 0
		Cant / OH TL: 0.27 in.	2L / 0	(42-3)	2L / 360
		Cant / OH LL: 0.27 in.	2L / 0	(42-3)	2L / 360
		Horiz TL: -0.25 in.		1	
		Web :			
		Snow/Wind -0.23 in.	L / 518	(44-43)	L / 360
		Cant (Snow/Wind) -0.22 in.	L / 0	(37-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
31	Pin		-40 lbs	740 lbs	0 lbs	-240 lbs	-40 lbs
33	HRoll		0 lbs	740 lbs	0 lbs	-250 lbs	0 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
5-10-3	25-8-0

Material Design Pass

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-35	0.38	-4232 lbs	-4232 lbs	3-39	0.65	3983 lbs	-1870 lbs	11-12	0.18	-1209 lbs	-1209 lbs	21-24	0.04	747 lbs	-294 lbs
20-35	0.43	-4556 lbs	-4556 lbs	39-44	0.65	3983 lbs	-1870 lbs	13-14	0.13	-899 lbs	-899 lbs	23-26	0.03	561 lbs	-238 lbs
18-20	0.43	-4556 lbs	-4556 lbs	43-44	0.61	3906 lbs	-1860 lbs	15-16	0.10	-693 lbs	-693 lbs	25-28	0.05	731 lbs	-348 lbs
16-18	0.34	-3687 lbs	-3687 lbs	37-43	0.67	3986 lbs	-1916 lbs	17-18	0.09	-619 lbs	-619 lbs	27-30	0.07	963 lbs	-507 lbs
14-16	0.31	-3228 lbs	-3228 lbs	4-37	0.67	3986 lbs	-1916 lbs	19-20	0.20	-1377 lbs	-1377 lbs	20-36	0.04	816 lbs	-281 lbs
12-14	0.27	-2672 lbs	-2672 lbs	5-53	0.15	726 lbs	-441 lbs	21-22	0.20	-1370 lbs	-1370 lbs	22-42	0.04	817 lbs	-290 lbs
12-56	0.24	-1936 lbs	-1936 lbs	31-53	0.20	726 lbs	-441 lbs	23-24	0.09	-619 lbs	-619 lbs	38-43	0.04	-285 lbs	-285 lbs
32-56	0.27	-1294 lbs	-1294 lbs	31-47	0.14	-39 lbs	-39 lbs	25-26	0.10	-694 lbs	-694 lbs	40-44	0.06	-390 lbs	-390 lbs
32-48	0.24	-562 lbs	-562 lbs	6-47	0.10	0 lbs	0 lbs	27-28	0.13	-899 lbs	-899 lbs	43-46	0.01	-94 lbs	-94 lbs
10-48	0.09	233 lbs	-123 lbs	1-33	0.14	0 lbs	0 lbs	29-30	0.18	-1209 lbs	-1209 lbs	34-49	0.12	1485 lbs	-854 lbs
8-40	0.69	-4015 lbs	-4015 lbs	33-49	0.20	728 lbs	-418 lbs	1-7	0.04	498 lbs	-287 lbs	29-52	0.10	1248 lbs	-696 lbs
40-46	0.69	-4015 lbs	-4015 lbs	2-49	0.15	728 lbs	-418 lbs	31-32	0.26	-1777 lbs	-1777 lbs	32-53	0.12	1486 lbs	-823 lbs
45-46	0.38	-3938 lbs	-3938 lbs	2-51	0.21	319 lbs	-182 lbs	33-34	0.26	-1774 lbs	-1774 lbs	11-56	0.10	1249 lbs	-699 lbs
38-45	0.69	-4018 lbs	-4018 lbs	29-51	0.24	1137 lbs	-648 lbs	35-36	0.06	605 lbs	-410 lbs				
9-38	0.69	-4018 lbs	-4018 lbs	27-29	0.35	2045 lbs	-1140 lbs	37-38	0.15	2152 lbs	-1051 lbs				
7-34	0.24	-561 lbs	-561 lbs	25-27	0.47	2727 lbs	-1481 lbs	39-40	0.15	2211 lbs	-1030 lbs				
34-52	0.27	-1295 lbs	-1295 lbs	23-25	0.52	3254 lbs	-1712 lbs	41-42	0.06	588 lbs	-410 lbs				
30-52	0.24	-1936 lbs	-1936 lbs	21-23	0.58	3817 lbs	-1910 lbs	43-45	0.09	-601 lbs	-601 lbs				
28-30	0.27	-2671 lbs	-2671 lbs	21-42	0.70	4433 lbs	-2133 lbs	44-46	0.08	-538 lbs	-538 lbs				
26-28	0.31	-3227 lbs	-3227 lbs	3-42	0.71	4402 lbs	-2125 lbs	47-48	0.04	499 lbs	-275 lbs				
24-26	0.34	-3686 lbs	-3686 lbs	4-36	0.72	4408 lbs	-2174 lbs	51-52	0.23	-1538 lbs	-1538 lbs				
22-24	0.43	-4551 lbs	-4551 lbs	19-36	0.71	4439 lbs	-2183 lbs	55-56	0.23	-1538 lbs	-1538 lbs				
22-41	0.43	-4551 lbs	-4551 lbs	17-19	0.59	3820 lbs	-1954 lbs	12-13	0.08	963 lbs	-513 lbs				
8-41	0.38	-4234 lbs	-4234 lbs	15-17	0.53	3255 lbs	-1751 lbs	14-15	0.05	731 lbs	-353 lbs				
				13-15	0.46	2728 lbs	-1516 lbs	16-17	0.03	561 lbs	-233 lbs				
				11-13	0.36	2045 lbs	-1170 lbs	18-19	0.04	750 lbs	-289 lbs				
				11-55	0.24	1136 lbs	-674 lbs								
				5-55	0.21	317 lbs	-209 lbs								

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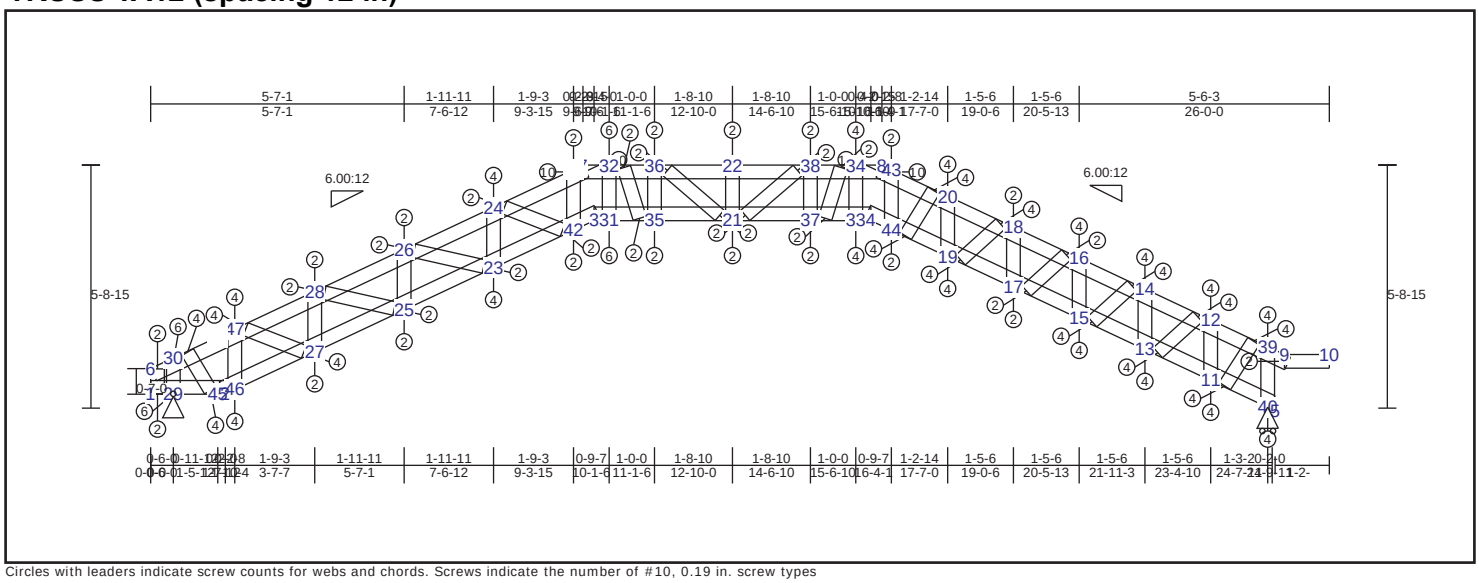
TRUSS TA12 (spacing 12 in)



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 (7 - 32)	TL(V): 0.71 in.	L /414	(9-10)	L / 360
BC :	0.70 (23 - 42)	LL(V): 0.38 in.	L / 392	(9-10)	L / 360
Web :	0.24 (29 - 30)	DL(V): 0.32 in.	L / 467	(9-10)	L / 0
		Cant / OH TL: 0.38 in.	2L / 702	(9-10)	2L / 360
		Cant / OH LL: 0.38 in.	2L / 702	(9-10)	2L / 360
		Horiz TL: 0.36 in.		5	
		Web :			
		Snow/Wind -0.32 in.	L / 470	(9-10)	L / 360
		Cant (Snow/Wind) -0.32 in.	L / 841	(9-10)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
29	Pin		40 lbs	720 lbs	0 lbs	-230 lbs	40 lbs
40	HRoll		0 lbs	760 lbs	0 lbs	-280 lbs	0 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
5-8-2	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-43	0.32	-3792 lbs	-3792 lbs	3-31	0.63	3741 lbs	-1866 lbs	11-12	0.22	-1493 lbs	-1493 lbs	25-28	0.06	771 lbs	-392 lbs
20-43	0.39	-4106 lbs	-4106 lbs	31-35	0.63	3741 lbs	-1866 lbs	13-14	0.16	-1068 lbs	-1068 lbs	32-35	0.02	-146 lbs	-146 lbs
18-20	0.40	-4056 lbs	-4056 lbs	21-35	0.62	3939 lbs	-1982 lbs	15-16	0.12	-845 lbs	-845 lbs	21-36	0.03	320 lbs	-220 lbs
16-18	0.30	-3135 lbs	-3135 lbs	21-37	0.62	3939 lbs	-1982 lbs	17-18	0.11	-739 lbs	-739 lbs	34-37	0.01	-74 lbs	-74 lbs
14-16	0.25	-2600 lbs	-2600 lbs	33-37	0.62	3649 lbs	-1851 lbs	19-20	0.22	-1484 lbs	-1484 lbs	21-38	0.04	402 lbs	-239 lbs
12-14	0.23	-1961 lbs	-1961 lbs	4-33	0.62	3649 lbs	-1851 lbs	21-22	0.03	-183 lbs	-183 lbs	11-39	0.10	1166 lbs	-679 lbs
12-39	0.22	-1121 lbs	-1121 lbs	1-29	0.13	-44 lbs	-44 lbs	23-24	0.13	-891 lbs	-891 lbs	24-42	0.05	766 lbs	-332 lbs
9-39	0.15	-383 lbs	-383 lbs	29-45	0.18	655 lbs	-405 lbs	25-26	0.07	-459 lbs	-459 lbs	20-44	0.06	944 lbs	-392 lbs
7-32	0.59	-3768 lbs	-3768 lbs	2-45	0.14	655 lbs	-405 lbs	27-28	0.11	-771 lbs	-771 lbs	30-45	0.11	1333 lbs	-736 lbs
32-36	0.59	-3768 lbs	-3768 lbs	4-44	0.69	3971 lbs	-2050 lbs	1-6	0.04	470 lbs	-260 lbs	27-47	0.09	1091 lbs	-608 lbs
22-36	0.39	-3966 lbs	-3966 lbs	19-44	0.70	3971 lbs	-2050 lbs	29-30	0.24	-1681 lbs	-1681 lbs				
22-38	0.39	-3966 lbs	-3966 lbs	17-19	0.52	3244 lbs	-1727 lbs	31-32	0.13	1693 lbs	-862 lbs				
34-38	0.58	-3676 lbs	-3676 lbs	15-17	0.44	2623 lbs	-1447 lbs	33-34	0.11	1575 lbs	-777 lbs				
8-34	0.58	-3676 lbs	-3676 lbs	13-15	0.35	2007 lbs	-1134 lbs	35-36	0.10	-692 lbs	-692 lbs				
6-30	0.23	-532 lbs	-532 lbs	11-13	0.25	1234 lbs	-709 lbs	37-38	0.11	-765 lbs	-765 lbs				
30-47	0.25	-1103 lbs	-1103 lbs	11-40	0.22	170 lbs	-97 lbs	39-40	0.14	-920 lbs	-920 lbs				
28-47	0.22	-2129 lbs	-2129 lbs	5-40	0.00	0 lbs	0 lbs	41-42	0.06	703 lbs	-407 lbs				
26-28	0.27	-2887 lbs	-2887 lbs	2-46	0.19	291 lbs	-198 lbs	43-44	0.06	666 lbs	-430 lbs				
24-26	0.35	-3736 lbs	-3736 lbs	27-46	0.28	1547 lbs	-905 lbs	46-47	0.18	-1192 lbs	-1192 lbs				
24-41	0.42	-4232 lbs	-4232 lbs	25-27	0.41	2490 lbs	-1400 lbs	12-13	0.10	1162 lbs	-659 lbs				
7-41	0.33	-3890 lbs	-3890 lbs	23-25	0.54	3192 lbs	-1715 lbs	14-15	0.07	863 lbs	-459 lbs				
9-10	0.01	0 lbs	0 lbs	23-42	0.70	4099 lbs	-2075 lbs	16-17	0.05	692 lbs	-334 lbs				
				3-42	0.69	4099 lbs	-2075 lbs	18-19	0.05	850 lbs	-369 lbs				
								23-26	0.04	637 lbs	-291 lbs				

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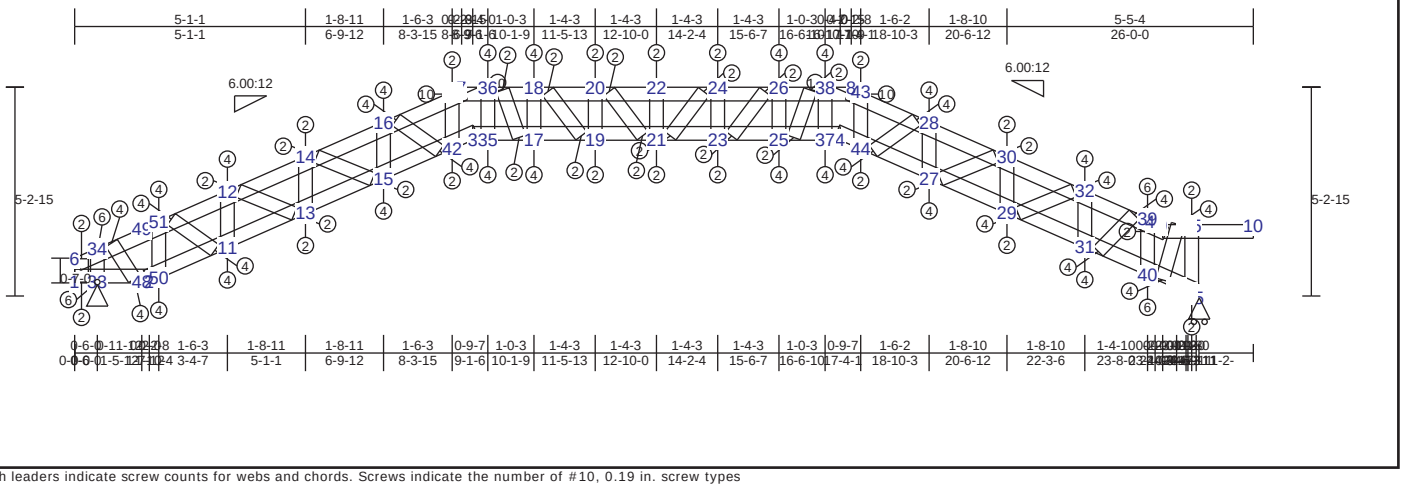
TRUSS TA13 (spacing 12 in)



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 (7 - 36)	TL(V): 0.41 in.	L / 437	(19-21)	L / 360
BC :	0.80 (15 - 42)	LL(V): 0.23 in.	L / 426	(19-21)	L / 360
Web :	0.32 (40 - 39)	DL(V): 0.18 in.	L / 536	21	L / 0
		Cant / OH TL: 0.2 in.	2L / 0	(37-4)	2L / 360
		Cant / OH LL: 0.2 in.	2L / 0	(37-4)	2L / 360
		Horiz TL: 0.21 in.		5	
		Web :			
		Snow/Wind -0.23 in.	L / 442	(20-22)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 442	(7-36)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
5	HRoll		0 lbs	760 lbs	0 lbs	-250 lbs	0 lbs
33	Pin		60 lbs	720 lbs	0 lbs	-260 lbs	60 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
5-2-2	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-36	0.57	-3604 lbs	-3604 lbs	3-35	0.71	3583 lbs	-2104 lbs	1-6	0.04	471 lbs	-280 lbs	21-24	0.02	134 lbs	-111 lbs
18-36	0.57	-3630 lbs	-3630 lbs	17-35	0.71	3609 lbs	-2115 lbs	11-12	0.14	-927 lbs	-927 lbs	23-26	0.06	612 lbs	-415 lbs
18-20	0.39	-3923 lbs	-3923 lbs	17-19	0.71	3902 lbs	-2275 lbs	13-14	0.09	-587 lbs	-587 lbs	27-30	0.06	793 lbs	-437 lbs
20-22	0.35	-3962 lbs	-3962 lbs	19-21	0.71	3941 lbs	-2283 lbs	15-16	0.17	-1178 lbs	-1178 lbs	29-32	0.07	824 lbs	-461 lbs
22-24	0.36	-3962 lbs	-3962 lbs	21-23	0.71	3941 lbs	-2283 lbs	17-18	0.14	-939 lbs	-939 lbs	17-36	0.01	-96 lbs	-96 lbs
24-26	0.39	-3888 lbs	-3888 lbs	23-25	0.70	3867 lbs	-2221 lbs	19-20	0.03	-212 lbs	-212 lbs	25-38	0.03	-189 lbs	-189 lbs
26-38	0.56	-3549 lbs	-3549 lbs	25-37	0.64	3528 lbs	-1992 lbs	21-22	0.01	-84 lbs	-84 lbs	31-39	0.12	1481 lbs	-838 lbs
8-38	0.56	-3495 lbs	-3495 lbs	4-37	0.64	3474 lbs	-1936 lbs	23-24	0.04	-280 lbs	-280 lbs	16-42	0.07	869 lbs	-446 lbs
8-43	0.30	-3621 lbs	-3621 lbs	1-33	0.13	-55 lbs	-55 lbs	25-26	0.15	-1013 lbs	-1013 lbs	28-44	0.07	912 lbs	-497 lbs
28-43	0.38	-3907 lbs	-3907 lbs	33-48	0.20	681 lbs	-457 lbs	27-28	0.18	-1225 lbs	-1225 lbs	34-48	0.12	1379 lbs	-820 lbs
28-30	0.35	-3540 lbs	-3540 lbs	2-48	0.14	681 lbs	-457 lbs	29-30	0.09	-635 lbs	-635 lbs	11-51	0.10	1083 lbs	-664 lbs
30-32	0.24	-2533 lbs	-2533 lbs	4-44	0.71	3747 lbs	-2094 lbs	31-32	0.15	-1021 lbs	-1021 lbs	40-54	0.12	1397 lbs	-791 lbs
32-39	0.27	-1771 lbs	-1771 lbs	27-44	0.75	3747 lbs	-2094 lbs	33-34	0.25	-1694 lbs	-1694 lbs				
9-39	0.27	-975 lbs	-975 lbs	27-29	0.48	2820 lbs	-1580 lbs	35-36	0.13	1520 lbs	-889 lbs				
6-34	0.23	-537 lbs	-537 lbs	29-31	0.34	2037 lbs	-1147 lbs	37-38	0.11	1433 lbs	-754 lbs				
34-51	0.26	-1169 lbs	-1169 lbs	31-40	0.40	1061 lbs	-598 lbs	39-40	0.32	-2169 lbs	-2169 lbs				
12-51	0.23	-2004 lbs	-2004 lbs	40-46	0.35	-339 lbs	-339 lbs	43-44	0.05	591 lbs	-362 lbs				
12-14	0.26	-2721 lbs	-2721 lbs	5-46	0.13	-339 lbs	-339 lbs	41-42	0.06	634 lbs	-416 lbs				
14-16	0.35	-3679 lbs	-3679 lbs	2-50	0.20	302 lbs	-225 lbs	45-46	0.12	-807 lbs	-807 lbs				
16-41	0.39	-4033 lbs	-4033 lbs	11-50	0.28	1349 lbs	-869 lbs	50-51	0.19	-1320 lbs	-1320 lbs				
7-41	0.31	-3728 lbs	-3728 lbs	11-13	0.42	2258 lbs	-1413 lbs	12-13	0.07	781 lbs	-459 lbs				
9-54	0.18	-335 lbs	-335 lbs	13-15	0.55	2992 lbs	-1821 lbs	14-15	0.06	743 lbs	-403 lbs				
45-54	0.15	0 lbs	0 lbs	15-42	0.80	3886 lbs	-2302 lbs	18-19	0.04	531 lbs	-294 lbs				
10-45	0.15	0 lbs	0 lbs	3-42	0.78	3886 lbs	-2302 lbs	20-21	0.01	70 lbs	-58 lbs				

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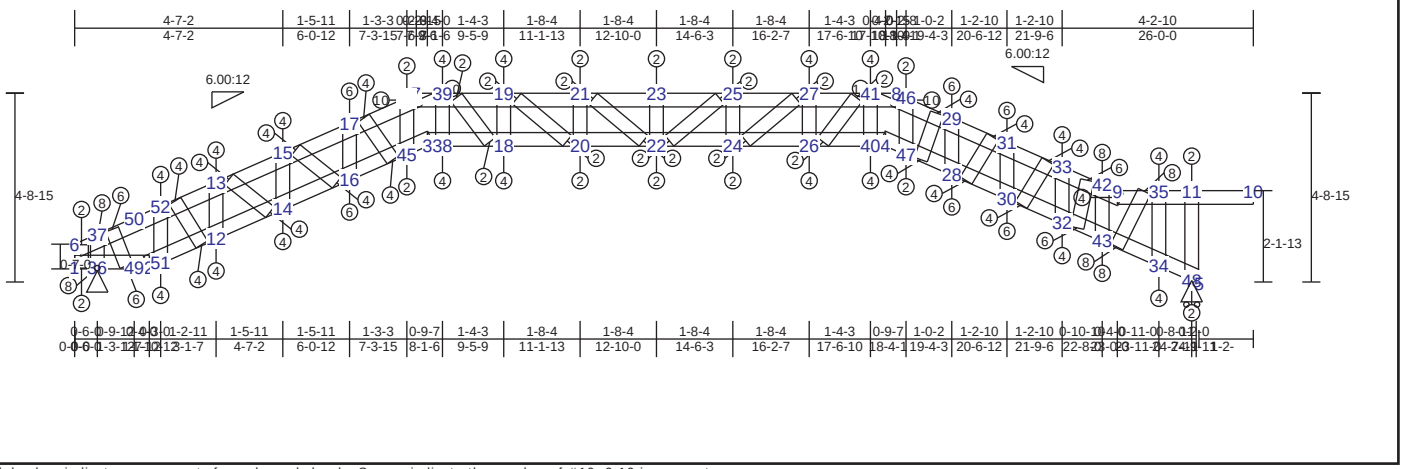
TRUSS TA14 (spacing 12 in)



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 (7 - 39)	TL(V): 0.43 in.	L / 395	(21-23)	L / 360
BC :	0.76 (47 - 28)	LL(V): 0.24 in.	L / 526	(21-23)	L / 360
Web :	0.46 (43 - 42)	DL(V): 0.19 in.	L / 671	(21-23)	L / 0
		Cant / OH TL: 0.2 in.	2L / 0	(45-3)	2L / 360
		Cant / OH LL: 0.2 in.	2L / 0	(45-3)	2L / 360
		Horiz TL: 0.21 in.		5	
		Web :			
		Snow/Wind -0.24 in.	L / 524	(21-23)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(4-47)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
36	Pin		70 lbs	720 lbs	0 lbs	-220 lbs	70 lbs
48	HRoll		0 lbs	760 lbs	0 lbs	-310 lbs	0 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
4-8-2	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
7-39	0.52	-3352 lbs	-3352 lbs	3-38	0.62	3337 lbs	-1877 lbs
19-39	0.52	-3555 lbs	-3555 lbs	18-38	0.68	3540 lbs	-2028 lbs
19-21	0.36	-3898 lbs	-3898 lbs	18-20	0.70	3883 lbs	-2254 lbs
21-23	0.36	-3927 lbs	-3927 lbs	20-22	0.71	3912 lbs	-2283 lbs
23-25	0.36	-3927 lbs	-3927 lbs	22-24	0.71	3912 lbs	-2283 lbs
25-27	0.36	-3844 lbs	-3844 lbs	24-26	0.69	3829 lbs	-2243 lbs
27-41	0.51	-3444 lbs	-3444 lbs	26-40	0.61	3429 lbs	-2008 lbs
8-41	0.50	-3182 lbs	-3182 lbs	4-40	0.61	3167 lbs	-1846 lbs
8-46	0.28	-3285 lbs	-3285 lbs	1-36	0.25	-66 lbs	-66 lbs
29-46	0.38	-3766 lbs	-3766 lbs	36-49	0.29	633 lbs	-403 lbs
29-31	0.45	-3766 lbs	-3766 lbs	2-49	0.18	633 lbs	-403 lbs
31-33	0.33	-2715 lbs	-2715 lbs	2-51	0.22	230 lbs	-178 lbs
33-42	0.33	-1955 lbs	-1955 lbs	12-51	0.25	989 lbs	-607 lbs
9-42	0.37	-1872 lbs	-1872 lbs	12-14	0.35	1954 lbs	-1135 lbs
9-35	0.40	-1031 lbs	-1031 lbs	14-16	0.47	2734 lbs	-1546 lbs
11-35	0.28	0 lbs	0 lbs	16-45	0.73	3574 lbs	-2017 lbs
10-11	0.04	0 lbs	0 lbs	3-45	0.70	3574 lbs	-2017 lbs
6-37	0.33	-778 lbs	-778 lbs	4-47	0.68	3346 lbs	-1968 lbs
37-52	0.36	-1203 lbs	-1203 lbs	28-47	0.76	3586 lbs	-2100 lbs
13-52	0.27	-1835 lbs	-1835 lbs	28-30	0.50	2557 lbs	-1517 lbs
13-15	0.27	-2573 lbs	-2573 lbs	30-32	0.34	1764 lbs	-1057 lbs
15-17	0.39	-3645 lbs	-3645 lbs	32-43	0.47	1614 lbs	-971 lbs
17-44	0.37	-3734 lbs	-3734 lbs	34-43	0.41	344 lbs	-271 lbs
7-44	0.29	-3450 lbs	-3450 lbs	34-48	0.26	-271 lbs	-271 lbs
				5-48	0.00	0 lbs	0 lbs

Web			
1-6	0.06	733 lbs	-409 lbs
12-13	0.20	-1353 lbs	-1353 lbs
14-15	0.14	-921 lbs	-921 lbs
16-17	0.24	-1652 lbs	-1652 lbs
18-19	0.12	-829 lbs	-829 lbs
20-21	0.02	-124 lbs	-124 lbs
22-23	0.01	-90 lbs	-90 lbs
24-25	0.03	-182 lbs	-182 lbs
26-27	0.13	-889 lbs	-889 lbs
28-29	0.34	-2295 lbs	-2295 lbs
30-31	0.24	-1655 lbs	-1655 lbs
32-33	0.19	-1271 lbs	-1271 lbs
34-35	0.20	-1360 lbs	-1360 lbs
36-37	0.36	-2493 lbs	-2493 lbs
38-39	0.09	1087 lbs	-591 lbs
40-41	0.08	985 lbs	-555 lbs
42-43	0.46	-3115 lbs	-3115 lbs
44-45	0.05	597 lbs	-369 lbs
46-47	0.05	492 lbs	-334 lbs
11-48	0.02	186 lbs	-150 lbs
51-52	0.23	-1570 lbs	-1570 lbs
13-14	0.08	973 lbs	-544 lbs
15-16	0.08	996 lbs	-553 lbs
19-20	0.05	473 lbs	-311 lbs

Web			
21-22	0.01	-41 lbs	-41 lbs
22-25	0.01	114 lbs	-84 lbs
24-27	0.05	552 lbs	-325 lbs
28-31	0.13	1551 lbs	-876 lbs
30-33	0.12	1382 lbs	-811 lbs
18-39	0.04	367 lbs	-273 lbs
26-41	0.04	473 lbs	-292 lbs
32-42	0.15	1703 lbs	-1023 lbs
35-43	0.23	2561 lbs	-1542 lbs
17-45	0.09	1089 lbs	-599 lbs
29-47	0.12	1466 lbs	-802 lbs
37-49	0.16	1915 lbs	-1068 lbs
12-52	0.12	1404 lbs	-792 lbs

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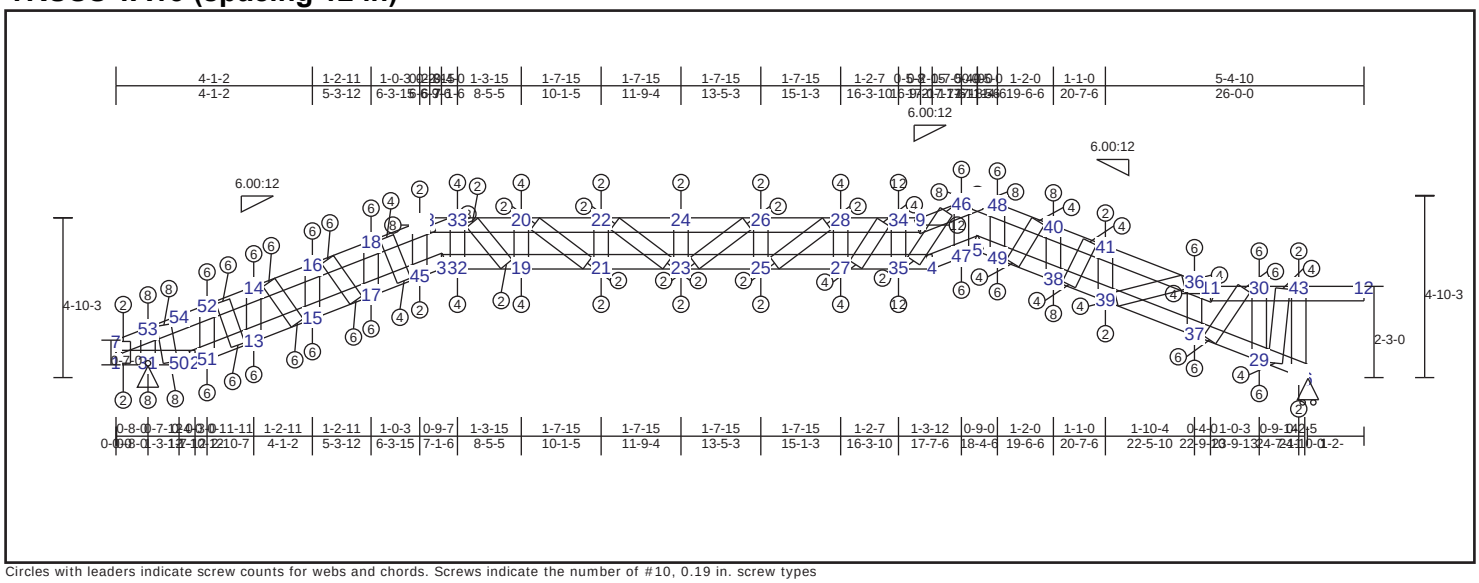
TRUSS TA15 (spacing 12 in)



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 :	0.93 (28 - 34)	TL(V): 0.61 in.	L / 525	(9-46)	L / 360
BC :	0.98 (27 - 35)	LL(V): 0.34 in.	L / 445	(9-46)	L / 360
Web :	0.69 (35 - 34)	DL(V): 0.27 in.	L / 538	(9-46)	L / 0
		Cant / OH TL: 0.34 in.	2L / 581	(9-46)	2L / 360
		Cant / OH LL: 0.34 in.	2L / 581	(9-46)	2L / 360
		Horiz TL: 0.24 in.		6	
		Web :			
		Snow/Wind -0.35 in.	L / 651	(34-9)	L / 360
		Cant (Snow/Wind) -0.35 in.	L / 651	(34-9)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		0 lbs	750 lbs	0 lbs	-300 lbs	0 lbs
31	Pin		70 lbs	720 lbs	0 lbs	-230 lbs	70 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
4-9-6	26-0-0

Material Design **Pass**

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-33	0.48	-2993 lbs	-2993 lbs	5-49	0.84	3584 lbs	-2091 lbs	1-7	0.04	494 lbs	-277 lbs	22-23	0.02	198 lbs	-130 lbs
20-33	0.50	-3304 lbs	-3304 lbs	38-49	0.80	3604 lbs	-2102 lbs	13-14	0.35	-2390 lbs	-2390 lbs	23-26	0.01	43 lbs	-42 lbs
20-22	0.36	-3763 lbs	-3763 lbs	38-39	0.48	2591 lbs	-1532 lbs	15-16	0.27	-1836 lbs	-1836 lbs	25-28	0.04	-276 lbs	-276 lbs
22-24	0.36	-3904 lbs	-3904 lbs	37-39	0.45	2312 lbs	-1372 lbs	17-18	0.35	-2364 lbs	-2364 lbs	19-33	0.06	577 lbs	-388 lbs
24-26	0.36	-3904 lbs	-3904 lbs	29-37	0.39	-443 lbs	-443 lbs	19-20	0.14	-966 lbs	-966 lbs	27-34	0.12	1391 lbs	-792 lbs
26-28	0.38	-4072 lbs	-4072 lbs	29-42	0.31	-443 lbs	-443 lbs	21-22	0.04	-254 lbs	-254 lbs	30-37	0.19	2186 lbs	-1314 lbs
28-34	0.93	-4072 lbs	-4072 lbs	6-42	0.13	-335 lbs	-335 lbs	23-24	0.01	-94 lbs	-94 lbs	36-39	0.10	1203 lbs	-704 lbs
9-34	0.93	-3448 lbs	-3448 lbs	4-47	0.68	3731 lbs	-2141 lbs	25-26	0.01	-99 lbs	-99 lbs	38-41	0.10	1253 lbs	-697 lbs
7-53	0.42	-1014 lbs	-1014 lbs	5-47	0.72	3731 lbs	-2141 lbs	27-28	0.09	941 lbs	-613 lbs	29-43	0.11	1228 lbs	-734 lbs
52-53	0.48	-1014 lbs	-1014 lbs	3-32	0.56	2981 lbs	-1715 lbs	29-30	0.28	-1849 lbs	-1849 lbs	18-45	0.13	1533 lbs	-870 lbs
14-52	0.38	-1590 lbs	-1590 lbs	19-32	0.58	3292 lbs	-1924 lbs	32-33	0.07	899 lbs	-503 lbs	35-46	0.09	739 lbs	-623 lbs
14-16	0.34	-2452 lbs	-2452 lbs	19-21	0.69	3751 lbs	-2215 lbs	34-35	0.69	-4682 lbs	-4682 lbs	40-49	0.07	937 lbs	-472 lbs
16-18	0.44	-3545 lbs	-3545 lbs	21-23	0.72	3893 lbs	-2308 lbs	36-37	0.34	-2279 lbs	-2279 lbs	13-52	0.18	2100 lbs	-1198 lbs
18-44	0.36	-3545 lbs	-3545 lbs	23-25	0.72	3893 lbs	-2308 lbs	38-40	0.37	-2528 lbs	-2528 lbs	50-53	0.21	2523 lbs	-1419 lbs
8-44	0.26	-3104 lbs	-3104 lbs	25-27	0.78	4061 lbs	-2425 lbs	39-41	0.09	-617 lbs	-617 lbs				
9-46	0.51	-4231 lbs	-4231 lbs	27-35	0.98	4061 lbs	-2425 lbs	42-43	0.12	-783 lbs	-783 lbs				
10-46	0.39	-2844 lbs	-2844 lbs	4-35	0.98	3437 lbs	-2070 lbs	44-45	0.04	392 lbs	-258 lbs				
10-48	0.47	-2742 lbs	-2742 lbs	1-31	0.34	-70 lbs	-70 lbs	46-47	0.14	1735 lbs	-948 lbs				
40-48	0.64	-3783 lbs	-3783 lbs	31-50	0.40	347 lbs	-250 lbs	48-49	0.20	2230 lbs	-1372 lbs				
40-41	0.48	-3783 lbs	-3783 lbs	2-50	0.22	347 lbs	-250 lbs	51-52	0.26	-1745 lbs	-1745 lbs				
36-41	0.28	-2796 lbs	-2796 lbs	2-51	0.23	-100 lbs	-100 lbs	31-53	0.41	-2790 lbs	-2790 lbs				
11-36	0.32	-1699 lbs	-1699 lbs	13-51	0.34	684 lbs	-444 lbs	14-15	0.15	1757 lbs	-1000 lbs				
11-30	0.35	-1109 lbs	-1109 lbs	13-15	0.39	1409 lbs	-837 lbs	16-17	0.14	1641 lbs	-936 lbs				
30-43	0.26	-97 lbs	-97 lbs	15-17	0.45	2295 lbs	-1325 lbs	20-21	0.06	640 lbs	-406 lbs				
12-43	0.14	0 lbs	0 lbs	17-45	0.71	3355 lbs	-1934 lbs								
				3-45	0.63	3110 lbs	-1795 lbs								

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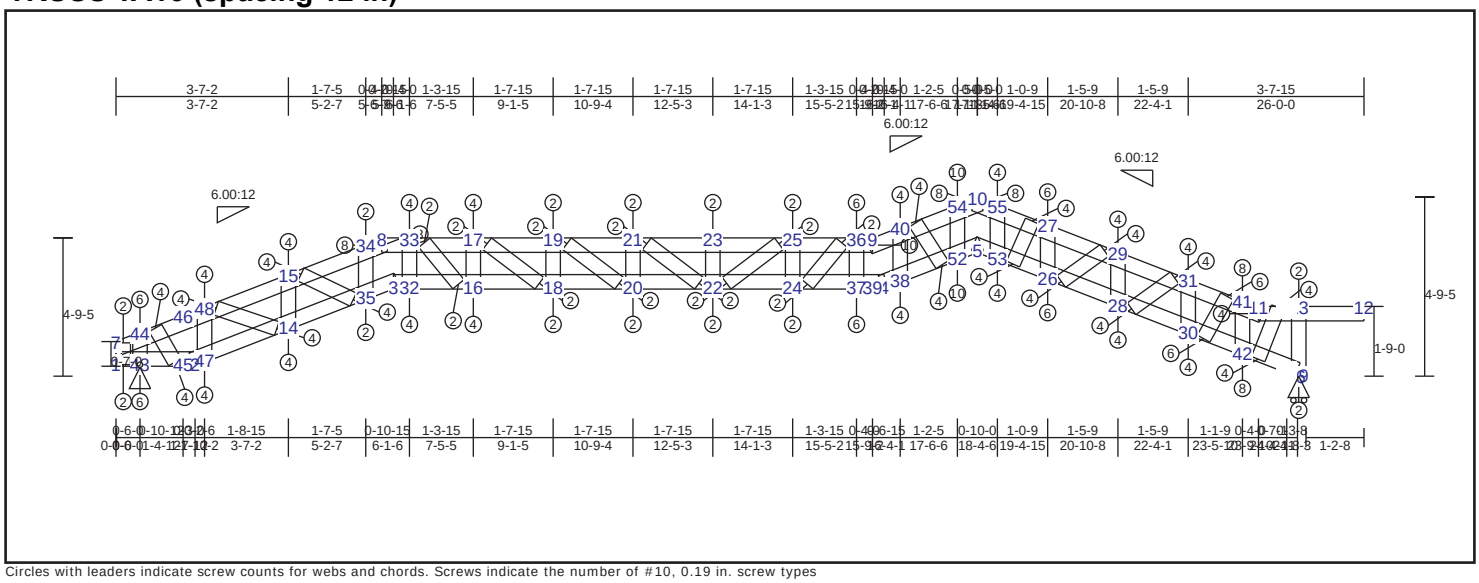
TRUSS TA16 (spacing 12 in)



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 (40 - 54)	TL(V): 0.45 in.	L / 470	(23-25)	L / 360
BC :	0.88 (52 - 5)	LL(V): 0.25 in.	L / 483	(23-25)	L / 360
Web :	0.37 (42 - 41)	DL(V): 0.2 in.	L / 612	(23-25)	L / 0
		Cant / OH TL: 0.25 in.	2L / 999	(9-40)	2L / 360
		Cant / OH LL: 0.25 in.	2L / 999	(9-40)	2L / 360
		Horiz TL: 0.18 in.		6	
		Web :			
		Snow/Wind -0.25 in.	L / 999	(23-25)	L / 360
		Cant (Snow/Wind) -0.25 in.	L / 999	(9-40)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		0 lbs	760 lbs	0 lbs	-300 lbs	0 lbs
43	Pin		60 lbs	710 lbs	0 lbs	-230 lbs	60 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
4-8-8	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-33	0.50	-2660 lbs	-2660 lbs	3-32	0.51	2649 lbs	-1500 lbs	1-7	0.05	559 lbs	-317 lbs	19-20	0.03	290 lbs	-184 lbs
17-33	0.54	-3065 lbs	-3065 lbs	16-32	0.53	3054 lbs	-1763 lbs	14-15	0.21	-1405 lbs	-1405 lbs	21-22	0.01	111 lbs	-65 lbs
17-19	0.35	-3630 lbs	-3630 lbs	16-18	0.66	3619 lbs	-2114 lbs	16-17	0.17	-1175 lbs	-1175 lbs	22-25	0.01	-69 lbs	-69 lbs
19-21	0.36	-3838 lbs	-3838 lbs	18-20	0.70	3827 lbs	-2246 lbs	18-19	0.05	-318 lbs	-318 lbs	26-29	0.09	1221 lbs	-640 lbs
21-23	0.36	-3918 lbs	-3918 lbs	20-22	0.72	3907 lbs	-2293 lbs	20-21	0.02	-168 lbs	-168 lbs	28-31	0.09	1024 lbs	-584 lbs
23-25	0.37	-3968 lbs	-3968 lbs	22-24	0.72	3957 lbs	-2320 lbs	22-23	0.01	-100 lbs	-100 lbs	16-33	0.07	750 lbs	-488 lbs
25-36	0.47	-3968 lbs	-3968 lbs	24-37	0.69	3957 lbs	-2320 lbs	24-25	0.02	262 lbs	-141 lbs	15-35	0.09	1127 lbs	-632 lbs
9-36	0.47	-3662 lbs	-3662 lbs	4-37	0.62	3651 lbs	-2115 lbs	26-27	0.29	-1983 lbs	-1983 lbs	24-36	0.06	567 lbs	-380 lbs
9-40	0.52	-4123 lbs	-4123 lbs	4-38	0.66	3822 lbs	-2241 lbs	28-29	0.16	-1114 lbs	-1114 lbs	30-41	0.15	1727 lbs	-999 lbs
40-54	0.73	-4123 lbs	-4123 lbs	38-52	0.75	4212 lbs	-2395 lbs	30-31	0.19	-1306 lbs	-1306 lbs	44-45	0.12	1459 lbs	-829 lbs
10-54	0.51	-2555 lbs	-2555 lbs	5-52	0.88	4212 lbs	-2395 lbs	32-33	0.08	1014 lbs	-562 lbs	14-48	0.10	1188 lbs	-673 lbs
10-55	0.39	-2954 lbs	-2954 lbs	1-43	0.17	-55 lbs	-55 lbs	34-35	0.01	138 lbs	-94 lbs	42-50	0.13	1498 lbs	-870 lbs
27-55	0.49	-3741 lbs	-3741 lbs	43-45	0.20	601 lbs	-372 lbs	36-37	0.27	-1859 lbs	-1859 lbs	40-52	0.20	-1338 lbs	-1338 lbs
27-29	0.45	-3741 lbs	-3741 lbs	2-45	0.15	601 lbs	-372 lbs	38-40	0.13	-860 lbs	-860 lbs	27-53	0.06	908 lbs	-436 lbs
29-31	0.27	-2452 lbs	-2452 lbs	2-47	0.18	249 lbs	-178 lbs	41-42	0.37	-2497 lbs	-2497 lbs				
31-41	0.30	-1620 lbs	-1620 lbs	14-47	0.26	1515 lbs	-870 lbs	43-44	0.28	-1944 lbs	-1944 lbs				
11-41	0.31	-1153 lbs	-1153 lbs	14-35	0.60	2742 lbs	-1555 lbs	47-48	0.16	-1107 lbs	-1107 lbs				
7-44	0.26	-610 lbs	-610 lbs	3-35	0.55	2742 lbs	-1555 lbs	6-13	0.12	-790 lbs	-790 lbs				
44-48	0.29	-1016 lbs	-1016 lbs	5-53	0.70	3440 lbs	-1912 lbs	52-54	0.31	3456 lbs	-2089 lbs				
15-48	0.28	-2375 lbs	-2375 lbs	26-53	0.71	3557 lbs	-1969 lbs	53-55	0.12	1452 lbs	-813 lbs				
15-34	0.30	-2960 lbs	-2960 lbs	26-28	0.48	2668 lbs	-1504 lbs	17-18	0.07	788 lbs	-489 lbs				
8-34	0.23	-2874 lbs	-2874 lbs	28-30	0.31	1733 lbs	-999 lbs								
11-50	0.21	-422 lbs	-422 lbs	30-42	0.41	875 lbs	-500 lbs								
13-50	0.16	14 lbs	-9 lbs	6-42	0.36	-246 lbs	-246 lbs								
12-13	0.14	14 lbs	-9 lbs												

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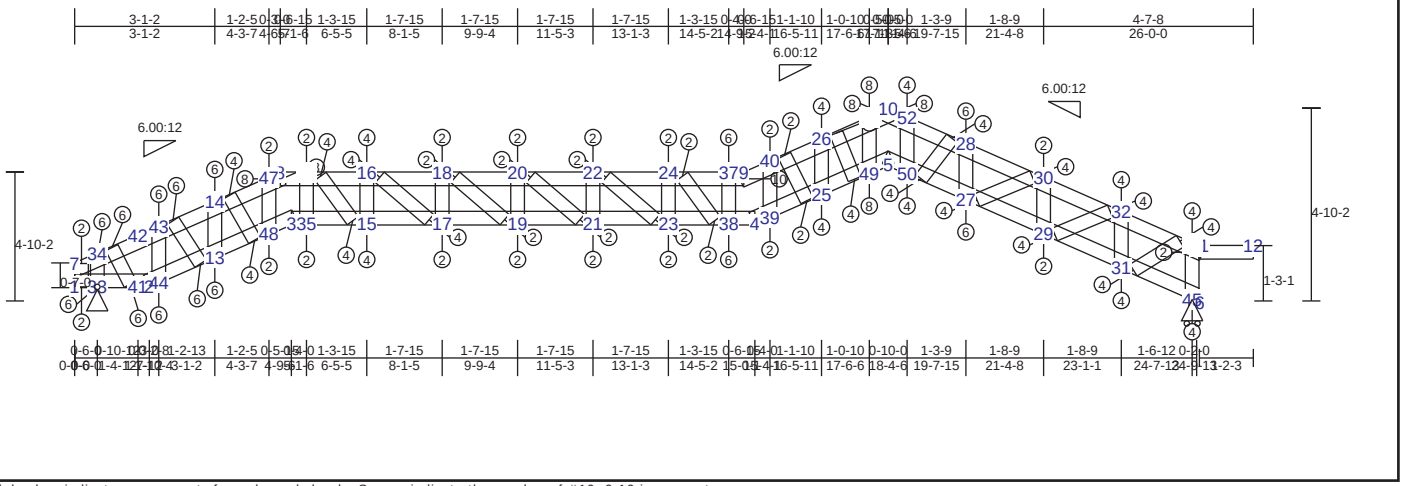
TRUSS TA17 (spacing 12 in)



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 (26 - 51)	TL(V): 0.57 in.	L / 462	(11-12)	L / 360
BC :	0.84 (49 - 5)	LL(V): 0.31 in.	L / 480	(11-12)	L / 360
Web :	0.36 (13 - 14)	DL(V): 0.26 in.	L / 578	(11-12)	L / 0
		Cant / OH TL: 0.31 in.	2L / 859	(11-12)	2L / 360
		Cant / OH LL: 0.31 in.	2L / 859	(11-12)	2L / 360
		Horiz TL: 0.3 in.		6	
		Web :			
		Snow/Wind -0.26 in.	L / 574	(11-12)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 999	(11-12)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
33	Pin		40 lbs	720 lbs	0 lbs	-240 lbs	40 lbs
45	HRoll		0 lbs	760 lbs	0 lbs	-270 lbs	0 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
4-9-5	26-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Deflection check **pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-34	0.28	-654 lbs	-654 lbs	4-39	0.69	4018 lbs	-2340 lbs	1-7	0.05	602 lbs	-346 lbs	24-38	0.01	77 lbs	-47 lbs
34-43	0.31	-1306 lbs	-1306 lbs	25-39	0.79	4377 lbs	-2511 lbs	13-14	0.36	-2421 lbs	-2421 lbs	25-40	0.10	-675 lbs	-675 lbs
14-43	0.37	-2458 lbs	-2458 lbs	25-49	0.80	4377 lbs	-2511 lbs	15-16	0.18	-1210 lbs	-1210 lbs	34-41	0.14	1697 lbs	-973 lbs
14-47	0.31	-2458 lbs	-2458 lbs	5-49	0.84	4148 lbs	-2269 lbs	17-18	0.06	-412 lbs	-412 lbs	13-43	0.14	1720 lbs	-970 lbs
8-47	0.20	-2448 lbs	-2448 lbs	3-35	0.41	2269 lbs	-1269 lbs	19-20	0.04	-281 lbs	-281 lbs	31-46	0.09	1031 lbs	-600 lbs
8-36	0.42	-2280 lbs	-2280 lbs	15-35	0.47	2777 lbs	-1593 lbs	21-22	0.02	-158 lbs	-158 lbs	14-48	0.13	1608 lbs	-899 lbs
16-36	0.50	-2788 lbs	-2788 lbs	15-17	0.62	3421 lbs	-1989 lbs	23-24	0.06	615 lbs	-386 lbs	26-49	0.21	-1438 lbs	-1438 lbs
16-18	0.34	-3432 lbs	-3432 lbs	17-19	0.68	3728 lbs	-2178 lbs	25-26	0.12	920 lbs	-823 lbs	28-50	0.06	828 lbs	-377 lbs
18-20	0.35	-3739 lbs	-3739 lbs	19-21	0.72	3935 lbs	-2302 lbs	27-28	0.24	-1655 lbs	-1655 lbs				
20-22	0.37	-3946 lbs	-3946 lbs	21-23	0.72	3935 lbs	-2302 lbs	29-30	0.11	-745 lbs	-745 lbs				
22-24	0.44	-3946 lbs	-3946 lbs	23-38	0.73	3842 lbs	-2220 lbs	31-32	0.16	-1098 lbs	-1098 lbs				
24-37	0.50	-3853 lbs	-3853 lbs	4-38	0.68	3842 lbs	-2220 lbs	33-34	0.30	-2086 lbs	-2086 lbs				
9-37	0.50	-3853 lbs	-3853 lbs	1-33	0.19	-38 lbs	-38 lbs	35-36	0.05	640 lbs	-349 lbs				
9-40	0.52	-4282 lbs	-4282 lbs	33-41	0.23	695 lbs	-405 lbs	37-38	0.27	-1807 lbs	-1807 lbs				
26-40	0.54	-4308 lbs	-4308 lbs	2-41	0.17	695 lbs	-405 lbs	39-40	0.11	-717 lbs	-717 lbs				
26-51	0.73	-4054 lbs	-4054 lbs	2-44	0.22	279 lbs	-179 lbs	43-44	0.25	-1681 lbs	-1681 lbs				
10-51	0.51	-2598 lbs	-2598 lbs	13-44	0.26	1128 lbs	-638 lbs	45-46	0.12	-838 lbs	-838 lbs				
10-52	0.40	-2986 lbs	-2986 lbs	13-48	0.52	2221 lbs	-1246 lbs	47-48	0.00	-28 lbs	-28 lbs				
28-52	0.50	-3625 lbs	-3625 lbs	3-48	0.45	2231 lbs	-1246 lbs	49-51	0.27	3225 lbs	-1862 lbs				
28-30	0.41	-3523 lbs	-3523 lbs	5-50	0.69	3443 lbs	-1853 lbs	50-52	0.12	1390 lbs	-783 lbs				
30-32	0.21	-2170 lbs	-2170 lbs	27-50	0.68	3443 lbs	-1853 lbs	16-17	0.08	898 lbs	-552 lbs				
32-46	0.19	-1295 lbs	-1295 lbs	27-29	0.42	2588 lbs	-1428 lbs	18-19	0.04	428 lbs	-265 lbs				
11-46	0.14	-346 lbs	-346 lbs	29-31	0.28	1602 lbs	-916 lbs	20-21	0.03	289 lbs	-173 lbs				
11-12	0.02	0 lbs	0 lbs	31-45	0.18	530 lbs	-306 lbs	22-23	0.03	-188 lbs	-188 lbs				
				6-45	0.00	0 lbs	0 lbs	27-30	0.08	1045 lbs	-527 lbs				
								29-32	0.08	928 lbs	-519 lbs				
								15-36	0.09	942 lbs	-600 lbs				

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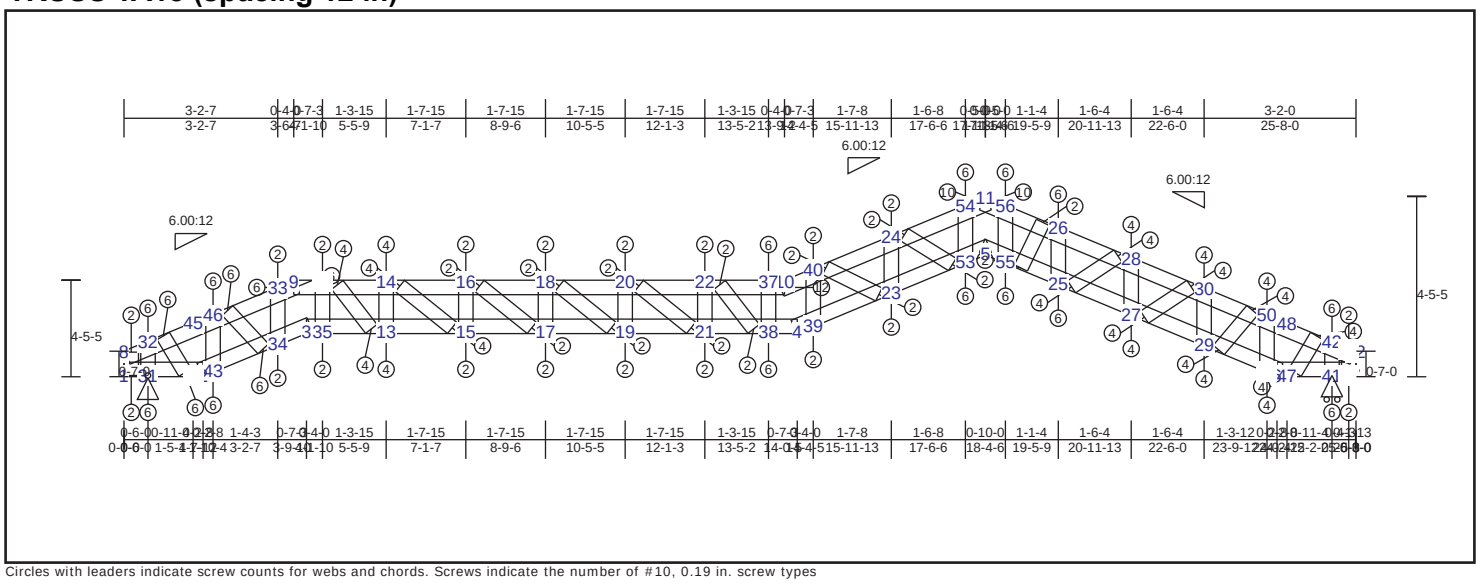
TRUSS TA18 (spacing 12 in)



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 :	0.67 (24 - 54)	TL(V): 0.54 in.	L / 503	(10-40)	L / 360
BC :	0.84 (39 - 23)	LL(V): 0.3 in.	L / 585	(10-40)	L / 360
Web :	0.33 (43 - 46)	DL(V): 0.24 in.	L / 515	(37-10)	L / 0
		Cant / OH TL: 0.3 in.	2L / 816	(10-40)	2L / 360
		Cant / OH LL: 0.3 in.	2L / 816	(10-40)	2L / 360
		Horiz TL: 0.16 in.		7	
		Web :			
		Snow/Wind -0.29 in.	L / 889	(10-40)	L / 360
		Cant (Snow/Wind) -0.29 in.	L / 838	(10-40)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
31	Pin		-30 lbs	730 lbs	0 lbs	-250 lbs	-30 lbs
41	HRoll		0 lbs	740 lbs	0 lbs	-250 lbs	0 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
4-5-5	25-8-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
9-36	0.41	-1849 lbs	-1849 lbs	6-47	0.16	703 lbs	-401 lbs
14-36	0.52	-2504 lbs	-2504 lbs	41-47	0.21	703 lbs	-401 lbs
14-16	0.33	-3294 lbs	-3294 lbs	41-52	0.16	0 lbs	0 lbs
16-18	0.36	-3715 lbs	-3715 lbs	7-52	0.11	0 lbs	0 lbs
18-20	0.38	-4042 lbs	-4042 lbs	4-39	0.74	4344 lbs	-2510 lbs
20-22	0.46	-4042 lbs	-4042 lbs	23-39	0.84	4645 lbs	-2663 lbs
22-37	0.57	-4144 lbs	-4144 lbs	23-53	0.75	4401 lbs	-2454 lbs
10-37	0.57	-4144 lbs	-4144 lbs	5-53	0.77	4084 lbs	-2140 lbs
10-40	0.53	-4615 lbs	-4615 lbs	3-35	0.33	1838 lbs	-1014 lbs
24-40	0.55	-4615 lbs	-4615 lbs	13-35	0.42	2493 lbs	-1422 lbs
24-54	0.67	-4246 lbs	-4246 lbs	13-15	0.60	3283 lbs	-1900 lbs
11-54	0.50	-2972 lbs	-2972 lbs	15-17	0.68	3704 lbs	-2155 lbs
11-56	0.48	-3043 lbs	-3043 lbs	17-19	0.73	4031 lbs	-2346 lbs
26-56	0.64	-4116 lbs	-4116 lbs	19-21	0.73	4031 lbs	-2346 lbs
26-28	0.49	-4116 lbs	-4116 lbs	21-38	0.77	4133 lbs	-2376 lbs
28-30	0.27	-2714 lbs	-2714 lbs	4-38	0.70	4133 lbs	-2376 lbs
30-50	0.24	-1932 lbs	-1932 lbs	2-43	0.25	330 lbs	-194 lbs
42-50	0.29	-1257 lbs	-1257 lbs	34-43	0.43	1671 lbs	-921 lbs
42-51	0.26	-609 lbs	-609 lbs	3-34	0.37	1833 lbs	-1003 lbs
12-51	0.10	257 lbs	-140 lbs	5-55	0.78	3874 lbs	-2022 lbs
8-32	0.27	-642 lbs	-642 lbs	25-55	0.74	3932 lbs	-2044 lbs
32-46	0.32	-1622 lbs	-1622 lbs	25-27	0.50	3003 lbs	-1600 lbs
33-46	0.31	-2083 lbs	-2083 lbs	27-29	0.34	2064 lbs	-1142 lbs
9-33	0.15	-2083 lbs	-2083 lbs	29-49	0.24	1158 lbs	-655 lbs

Bot Chord				
6-49	0.21	292 lbs	-165 lbs	
1-31	0.18	29 lbs	-24 lbs	
31-44	0.26	819 lbs	-455 lbs	
2-44	0.19	819 lbs	-455 lbs	

Web				
13-14	0.21	-1440 lbs	-1440 lbs	
15-16	0.08	-520 lbs	-520 lbs	
17-18	0.06	-391 lbs	-391 lbs	
19-20	0.04	-272 lbs	-272 lbs	
21-22	0.05	575 lbs	-355 lbs	
23-24	0.04	-281 lbs	-281 lbs	
25-26	0.31	-2070 lbs	-2070 lbs	
27-28	0.14	-958 lbs	-958 lbs	
29-30	0.17	-1158 lbs	-1158 lbs	
31-32	0.29	-2021 lbs	-2021 lbs	
33-34	0.05	-356 lbs	-356 lbs	
35-36	0.05	572 lbs	-307 lbs	
37-38	0.32	-2142 lbs	-2142 lbs	
39-40	0.10	-661 lbs	-661 lbs	
41-42	0.28	-1936 lbs	-1936 lbs	
43-46	0.33	-2254 lbs	-2254 lbs	
49-50	0.22	-1515 lbs	-1515 lbs	
51-52	0.05	553 lbs	-314 lbs	
1-8	0.05	564 lbs	-326 lbs	
53-54	0.18	2264 lbs	-1253 lbs	
55-56	0.18	2218 lbs	-1219 lbs	
14-15	0.10	1097 lbs	-665 lbs	
16-17	0.05	584 lbs	-353 lbs	
18-19	0.04	454 lbs	-266 lbs	

Web			
20-21	0.01	-55 lbs	-55 lbs
25-28	0.08	1197 lbs	-566 lbs
27-30	0.07	905 lbs	-473 lbs
13-36	0.11	1209 lbs	-752 lbs
22-38	0.02	263 lbs	-155 lbs
23-40	0.07	-454 lbs	-454 lbs
32-44	0.16	1836 lbs	-1062 lbs
34-46	0.14	1656 lbs	-925 lbs
42-47	0.13	1578 lbs	-901 lbs
29-50	0.10	1227 lbs	-681 lbs
24-53	0.08	-515 lbs	-515 lbs
26-55	0.05	739 lbs	-315 lbs

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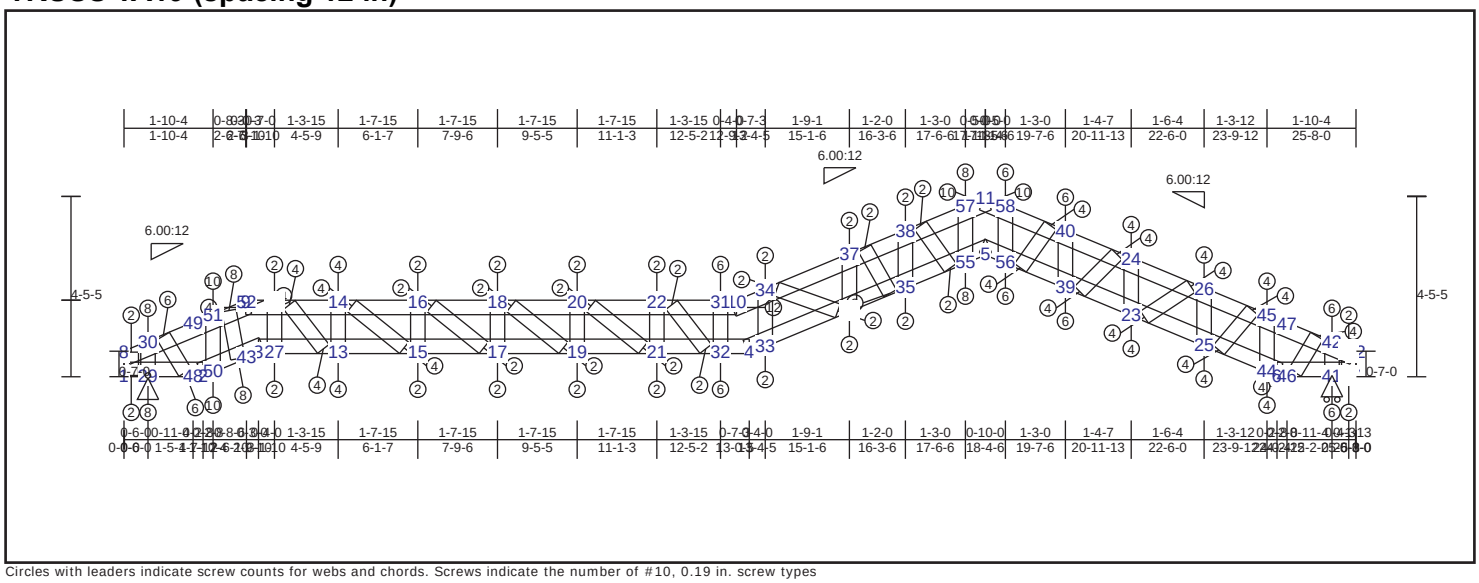
TRUSS TA19 (spacing 12 in)



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 (38 - 57)	TL(V): 0.53 in.	L / 430	(10-34)	L / 360
BC :	0.95 (56 - 39)	LL(V): 0.3 in.	L / 533	(10-34)	L / 360
Web :	0.48 (50 - 51)	DL(V): 0.23 in.	L / 523	(31-10)	L / 0
		Cant / OH TL: 0.29 in.	2L / 999	(10-34)	2L / 360
		Cant / OH LL: 0.29 in.	2L / 999	(10-34)	2L / 360
		Horiz TL: 0.14 in.		7	
		Web :			
		Snow/Wind -0.29 in.	L / 999	(10-34)	L / 360
		Cant (Snow/Wind) -0.29 in.	L / 999	(10-34)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
29	Pin		-30 lbs	730 lbs	0 lbs	-250 lbs	-30 lbs
41	HRoll		0 lbs	740 lbs	0 lbs	-250 lbs	0 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
4-5-5	25-8-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
8-30	0.32	-739 lbs	-739 lbs	3-27	0.26	1415 lbs	-789 lbs
30-51	0.52	-2172 lbs	-2172 lbs	13-27	0.38	2146 lbs	-1238 lbs
9-51	0.45	-2172 lbs	-2172 lbs	13-15	0.55	2936 lbs	-1716 lbs
9-28	0.18	-1423 lbs	-1423 lbs	15-17	0.64	3462 lbs	-2028 lbs
14-28	0.37	-2154 lbs	-2154 lbs	17-19	0.71	3877 lbs	-2269 lbs
14-16	0.30	-2944 lbs	-2944 lbs	19-21	0.71	3946 lbs	-2293 lbs
16-18	0.34	-3470 lbs	-3470 lbs	21-32	0.76	4181 lbs	-2411 lbs
18-20	0.37	-3885 lbs	-3885 lbs	4-32	0.76	4181 lbs	-2411 lbs
20-22	0.44	-3954 lbs	-3954 lbs	4-33	0.74	4362 lbs	-2527 lbs
22-31	0.57	-4188 lbs	-4188 lbs	33-36	0.86	4718 lbs	-2712 lbs
10-31	0.57	-4188 lbs	-4188 lbs	35-36	0.73	4377 lbs	-2440 lbs
10-34	0.54	-4710 lbs	-4710 lbs	35-55	0.70	4300 lbs	-2247 lbs
34-37	0.56	-4710 lbs	-4710 lbs	5-55	0.81	4258 lbs	-2212 lbs
37-38	0.41	-4226 lbs	-4226 lbs	6-46	0.16	703 lbs	-398 lbs
38-57	0.73	-4226 lbs	-4226 lbs	41-46	0.21	703 lbs	-398 lbs
11-57	0.53	-2874 lbs	-2874 lbs	41-54	0.16	0 lbs	0 lbs
11-58	0.45	-3151 lbs	-3151 lbs	7-54	0.11	0 lbs	0 lbs
40-58	0.58	-3958 lbs	-3958 lbs	1-29	0.24	29 lbs	-24 lbs
24-40	0.46	-3906 lbs	-3906 lbs	29-48	0.32	1039 lbs	-572 lbs
24-26	0.27	-2754 lbs	-2754 lbs	2-48	0.24	1039 lbs	-572 lbs
26-45	0.24	-1943 lbs	-1943 lbs	5-56	0.73	3781 lbs	-1944 lbs
42-45	0.29	-1257 lbs	-1257 lbs	39-56	0.95	3781 lbs	-1944 lbs
42-53	0.26	-610 lbs	-610 lbs	23-39	0.46	2808 lbs	-1492 lbs
12-53	0.10	257 lbs	-139 lbs	23-25	0.35	2091 lbs	-1142 lbs
				25-44	0.24	1158 lbs	-649 lbs
				6-44	0.21	292 lbs	-164 lbs
				2-50	0.32	426 lbs	-243 lbs
				43-50	0.42	1890 lbs	-1059 lbs
				3-43	0.22	1134 lbs	-621 lbs

Web			
1-8	0.07	775 lbs	-450 lbs
13-14	0.17	-1170 lbs	-1170 lbs
15-16	0.09	-622 lbs	-622 lbs
17-18	0.07	-479 lbs	-479 lbs
19-20	0.05	-360 lbs	-360 lbs
21-22	0.04	415 lbs	-266 lbs
23-24	0.15	-987 lbs	-987 lbs
25-26	0.17	-1180 lbs	-1180 lbs
27-28	0.07	-457 lbs	-457 lbs
29-30	0.36	-2448 lbs	-2448 lbs
31-32	0.32	-2159 lbs	-2159 lbs
33-34	0.12	-782 lbs	-782 lbs
36-37	0.08	766 lbs	-554 lbs
35-38	0.08	-571 lbs	-571 lbs
39-40	0.30	-2030 lbs	-2030 lbs
41-42	0.28	-1938 lbs	-1938 lbs
44-45	0.22	-1514 lbs	-1514 lbs
50-51	0.48	-3268 lbs	-3268 lbs
53-54	0.05	553 lbs	-312 lbs
55-57	0.23	2872 lbs	-1583 lbs
56-58	0.14	1767 lbs	-957 lbs

Web			
14-15	0.10	1096 lbs	-663 lbs
16-17	0.06	730 lbs	-434 lbs
18-19	0.05	577 lbs	-334 lbs
20-21	0.01	96 lbs	-62 lbs
23-26	0.07	945 lbs	-485 lbs
13-28	0.12	1351 lbs	-830 lbs
22-32	0.04	433 lbs	-254 lbs
34-36	0.08	-529 lbs	-529 lbs
35-37	0.01	195 lbs	-98 lbs
24-39	0.08	1180 lbs	-565 lbs
25-45	0.10	1230 lbs	-675 lbs
42-46	0.13	1579 lbs	-894 lbs
30-48	0.20	2328 lbs	-1346 lbs
43-51	0.21	2475 lbs	-1432 lbs
38-55	0.09	-622 lbs	-622 lbs
40-56	0.06	844 lbs	-378 lbs

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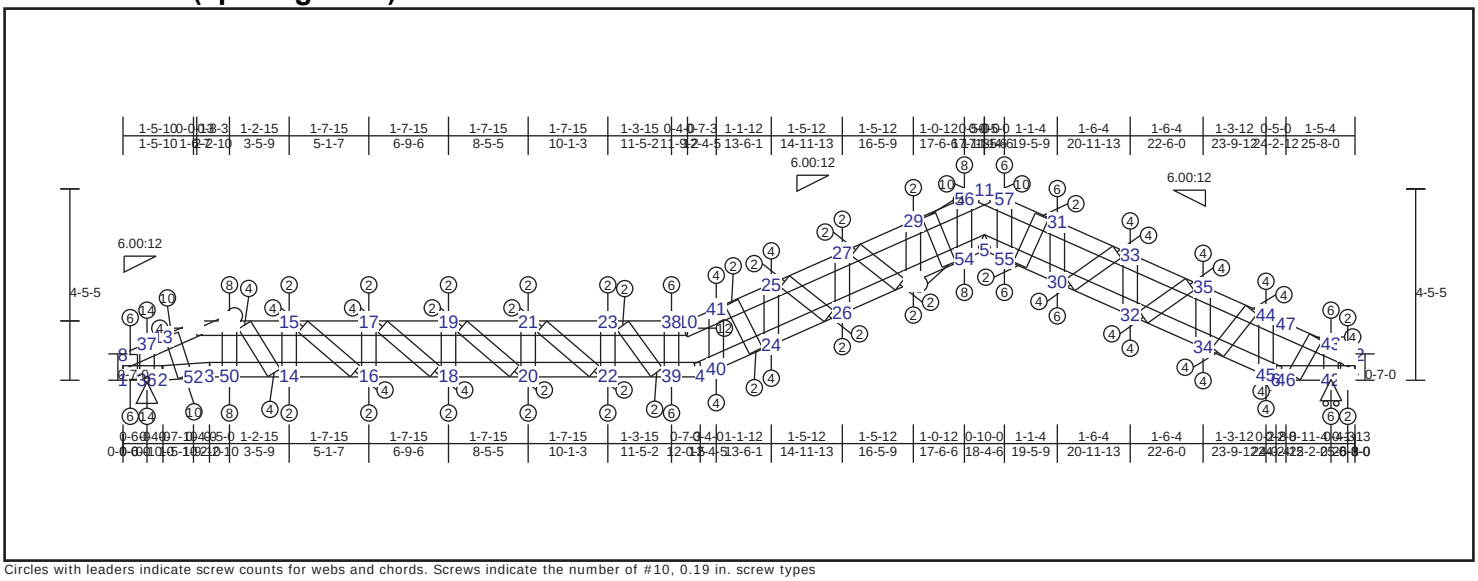
TRUSS TA20 (spacing 12 in)



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 :	0.74 (29 - 56)	TL(V): 0.55 in.	L / 550	(10-41)	L / 360
BC :	0.87 (40 - 24)	LL(V): 0.31 in.	L / 569	(10-41)	L / 360
Web :	0.72 (36 - 37)	DL(V): 0.24 in.	L / 537	(10-41)	L / 0
		Cant / OH TL: 0.31 in.	2L / 999	(10-41)	2L / 360
		Cant / OH LL: 0.31 in.	2L / 999	(10-41)	2L / 360
		Horiz TL: 0.12 in.		7	
		Web :			
		Snow/Wind -0.3 in.	L / 999	(38-10)	L / 360
		Cant (Snow/Wind) -0.29 in.	L / 999	(10-41)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
36	Pin		-30 lbs	730 lbs	0 lbs	-260 lbs	-30 lbs
42	HRoll		0 lbs	740 lbs	0 lbs	-250 lbs	0 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
4-5-5	25-8-0

Material Design Pass

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-51	0.47	-1119 lbs	-1119 lbs	3-50	0.50	1114 lbs	-631 lbs	1-8	0.18	2045 lbs	-1211 lbs	21-22	0.02	253 lbs	-151 lbs
15-51	0.47	-1851 lbs	-1851 lbs	14-50	0.50	1846 lbs	-1076 lbs	14-15	0.06	-431 lbs	-431 lbs	30-33	0.08	1170 lbs	-564 lbs
15-17	0.27	-2523 lbs	-2523 lbs	14-16	0.49	2519 lbs	-1482 lbs	16-17	0.11	-739 lbs	-739 lbs	32-35	0.07	911 lbs	-463 lbs
17-19	0.32	-3170 lbs	-3170 lbs	16-18	0.60	3165 lbs	-1863 lbs	18-19	0.08	-566 lbs	-566 lbs	23-39	0.05	601 lbs	-352 lbs
19-21	0.36	-3671 lbs	-3671 lbs	18-20	0.68	3666 lbs	-2150 lbs	20-21	0.07	-446 lbs	-446 lbs	27-28	0.01	163 lbs	-70 lbs
21-23	0.41	-3853 lbs	-3853 lbs	20-22	0.69	3849 lbs	-2237 lbs	22-23	0.02	240 lbs	-169 lbs	25-26	0.07	-443 lbs	-443 lbs
23-38	0.56	-4179 lbs	-4179 lbs	22-39	0.74	4174 lbs	-2405 lbs	24-25	0.10	940 lbs	-660 lbs	24-41	0.06	-433 lbs	-433 lbs
10-38	0.56	-4179 lbs	-4179 lbs	4-39	0.81	4174 lbs	-2405 lbs	26-27	0.03	-223 lbs	-223 lbs	34-44	0.10	1231 lbs	-668 lbs
10-41	0.55	-4767 lbs	-4767 lbs	4-40	0.73	4319 lbs	-2501 lbs	28-29	0.06	-384 lbs	-384 lbs	43-46	0.13	1582 lbs	-887 lbs
25-41	0.54	-4777 lbs	-4777 lbs	24-40	0.87	4769 lbs	-2737 lbs	30-31	0.29	-1987 lbs	-1987 lbs	14-51	0.14	1520 lbs	-924 lbs
25-27	0.40	-4342 lbs	-4342 lbs	24-26	0.84	4769 lbs	-2737 lbs	32-33	0.14	-956 lbs	-956 lbs	13-52	0.35	4016 lbs	-2377 lbs
27-29	0.38	-4172 lbs	-4172 lbs	26-28	0.70	4189 lbs	-2311 lbs	34-35	0.17	-1163 lbs	-1163 lbs	29-54	0.12	-821 lbs	-821 lbs
29-56	0.74	-4260 lbs	-4260 lbs	28-54	0.68	4347 lbs	-2229 lbs	36-37	0.72	-4948 lbs	-4948 lbs	31-55	0.05	806 lbs	-362 lbs
11-56	0.53	-2879 lbs	-2879 lbs	5-54	0.82	4347 lbs	-2229 lbs	38-39	0.31	-2134 lbs	-2134 lbs				
11-57	0.45	-3157 lbs	-3157 lbs	6-46	0.16	704 lbs	-395 lbs	40-41	0.14	-956 lbs	-956 lbs				
31-57	0.58	-4074 lbs	-4074 lbs	42-46	0.21	704 lbs	-395 lbs	42-43	0.28	-1941 lbs	-1941 lbs				
31-33	0.47	-4074 lbs	-4074 lbs	42-48	0.16	0 lbs	0 lbs	44-45	0.22	-1519 lbs	-1519 lbs				
33-35	0.27	-2721 lbs	-2721 lbs	7-48	0.11	0 lbs	0 lbs	48-49	0.04	554 lbs	-309 lbs				
35-44	0.24	-1939 lbs	-1939 lbs	5-55	0.73	3827 lbs	-1945 lbs	50-51	0.38	-2579 lbs	-2579 lbs				
43-44	0.29	-1261 lbs	-1261 lbs	30-55	0.71	3890 lbs	-1969 lbs	54-56	0.24	3059 lbs	-1655 lbs				
43-49	0.26	-611 lbs	-611 lbs	30-32	0.48	2999 lbs	-1559 lbs	55-57	0.15	1857 lbs	-1001 lbs				
12-49	0.10	257 lbs	-138 lbs	32-34	0.34	2071 lbs	-1122 lbs	15-16	0.08	934 lbs	-564 lbs				
8-37	0.64	-1289 lbs	-1289 lbs	34-45	0.24	1161 lbs	-644 lbs	17-18	0.08	898 lbs	-528 lbs				
13-37	0.58	-1289 lbs	-1289 lbs	6-45	0.21	293 lbs	-162 lbs	19-20	0.06	695 lbs	-399 lbs				
9-13	0.67	-1289 lbs	-1289 lbs	2-52	0.67	977 lbs	-550 lbs								
				3-52	0.47	977 lbs	-550 lbs								
				1-36	0.57	29 lbs	-24 lbs								
				2-36	0.57	29 lbs	-24 lbs								

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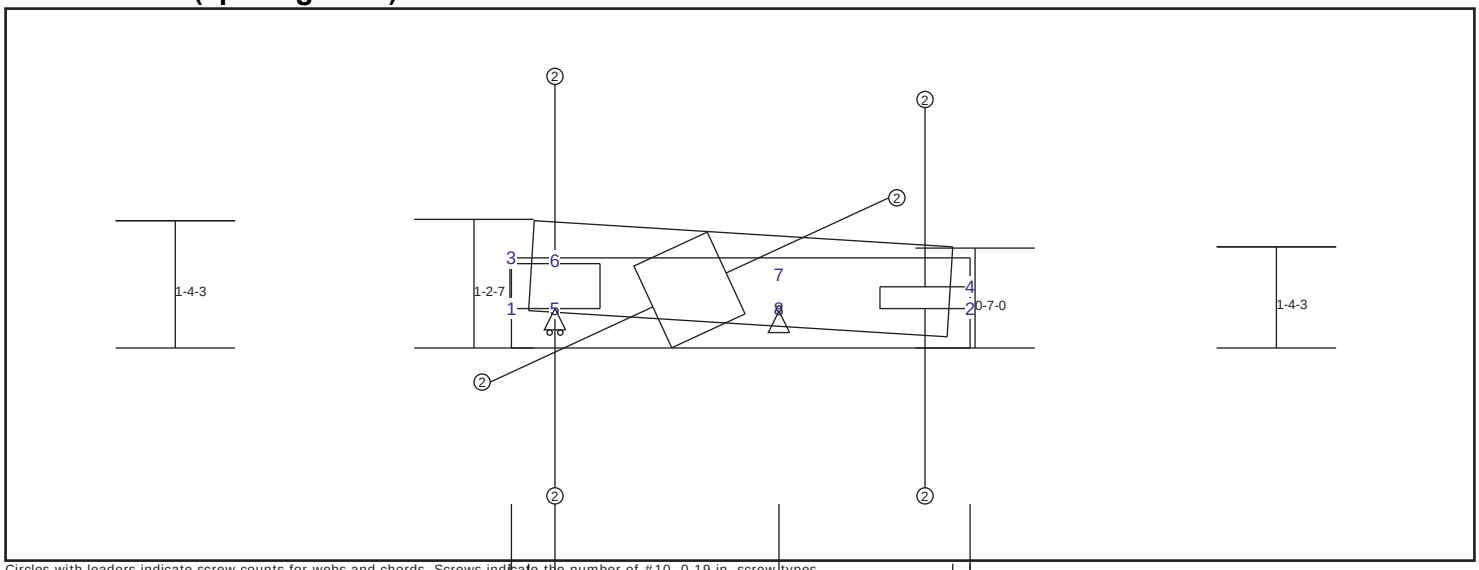
TRUSS TA21 (spacing 24 in)



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 (6 - 7)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.12 (5 - 8)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.03 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
5	HRoll		-60 lbs	130 lbs	0 lbs	-10 lbs	-60 lbs
8	Pin		-60 lbs	130 lbs	0 lbs	-10 lbs	-60 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
1-3-7	1-6-8

Load Summary

1)This Truss has been designed in accordance with LR 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.00	0 lbs	0 lbs	1-5	0.09	0 lbs	0 lbs	2-4	0.03	-83 lbs	-83 lbs
6-7	0.11	39 lbs	-31 lbs	5-8	0.12	-56 lbs	-56 lbs	5-6	0.03	-91 lbs	-91 lbs
4-7	0.08	-31 lbs	-31 lbs	2-8	0.08	-56 lbs	-56 lbs	5-7	0.03	214 lbs	-68 lbs

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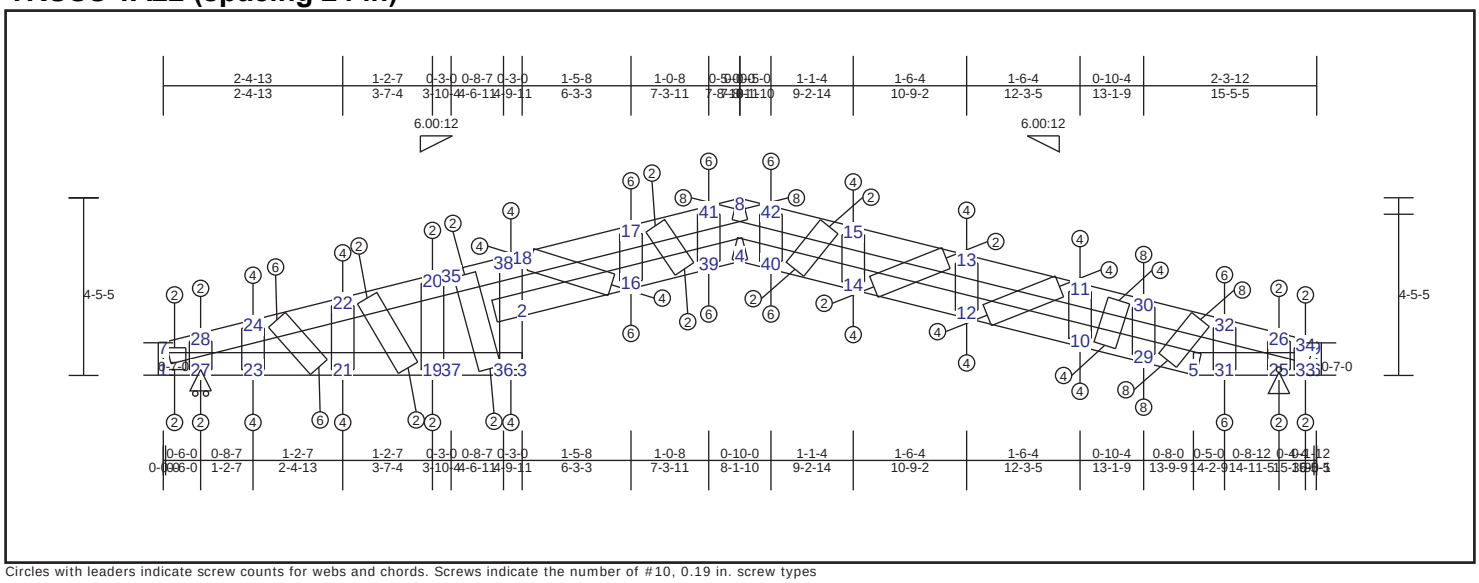
TRUSS TA22 (spacing 24 in)



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 (30 - 32)	TL(V): 0.24 in.	L / 472	(39-4)	L / 360
BC :	0.58 (39 - 4)	LL(V): 0.13 in.	L / 516	(39-4)	L / 360
Web :	0.46 (2 - 18)	DL(V): 0.11 in.	L / 756	(4-40)	L / 0
		Cant / OH TL: 0.12 in.	2L / 982	(4-40)	2L / 360
		Cant / OH LL: 0.12 in.	2L / 822	(4-40)	2L / 360
		Horiz TL: -0.12 in.		7	
		Web :			
		Snow/Wind -0.11 in.	L / 954	(4-40)	L / 360
		Cant (Snow/Wind) -0.1 in.	L / 957	(4-40)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
25	Pin		-60 lbs	890 lbs	0 lbs	-300 lbs	-60 lbs
27	HRoll		0 lbs	890 lbs	0 lbs	-300 lbs	0 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
4-5-5	15-5-6

Material Design Pass

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-42	0.40	-2517 lbs	-2517 lbs	2-16	0.37	2626 lbs	-1241 lbs	10-11	0.16	-1110 lbs	-1110 lbs	35-36	0.11	-576 lbs	-576 lbs
15-42	0.54	-3412 lbs	-3412 lbs	16-39	0.51	3374 lbs	-1555 lbs	12-13	0.13	-914 lbs	-914 lbs	17-39	0.02	387 lbs	-73 lbs
13-15	0.35	-3412 lbs	-3412 lbs	4-39	0.58	3363 lbs	-1555 lbs	14-15	0.17	-1172 lbs	-1172 lbs	15-40	0.02	309 lbs	-67 lbs
11-13	0.35	-2640 lbs	-2640 lbs	5-31	0.34	-58 lbs	-58 lbs	16-17	0.24	-1659 lbs	-1659 lbs				
11-30	0.22	-1845 lbs	-1845 lbs	25-31	0.34	-58 lbs	-58 lbs	2-3	0.27	515 lbs	-306 lbs				
30-32	0.56	-1739 lbs	-1739 lbs	25-33	0.13	-58 lbs	-58 lbs	2-18	0.46	-662 lbs	-662 lbs				
26-32	0.36	-881 lbs	-881 lbs	6-33	0.01	0 lbs	0 lbs	19-20	0.01	-51 lbs	-51 lbs				
26-34	0.03	-79 lbs	-79 lbs	1-27	0.14	0 lbs	0 lbs	21-22	0.19	-1291 lbs	-1291 lbs				
9-34	0.01	-20 lbs	-20 lbs	23-27	0.29	0 lbs	0 lbs	23-24	0.21	-1400 lbs	-1400 lbs				
7-28	0.02	54 lbs	-50 lbs	21-23	0.29	783 lbs	-411 lbs	1-7	0.01	-94 lbs	-94 lbs				
24-28	0.26	-649 lbs	-649 lbs	19-21	0.25	884 lbs	-444 lbs	25-26	0.02	-162 lbs	-162 lbs				
22-24	0.41	-1093 lbs	-1093 lbs	19-36	0.13	884 lbs	-444 lbs	27-28	0.01	61 lbs	-59 lbs				
20-22	0.13	-1093 lbs	-1093 lbs	3-36	0.12	807 lbs	-402 lbs	29-30	0.38	-2548 lbs	-2548 lbs				
20-35	0.11	-991 lbs	-991 lbs	4-40	0.57	3299 lbs	-1569 lbs	31-32	0.27	-1856 lbs	-1856 lbs				
18-35	0.41	-2078 lbs	-2078 lbs	14-40	0.50	3306 lbs	-1569 lbs	33-34	0.01	-58 lbs	-58 lbs				
17-18	0.51	-3479 lbs	-3479 lbs	12-14	0.44	2776 lbs	-1408 lbs	39-41	0.15	2098 lbs	-1041 lbs				
17-41	0.55	-3479 lbs	-3479 lbs	10-12	0.34	2048 lbs	-1142 lbs	40-42	0.15	1885 lbs	-1037 lbs				
8-41	0.41	-2486 lbs	-2486 lbs	10-29	0.40	1449 lbs	-852 lbs	11-12	0.08	1055 lbs	-512 lbs				
				5-29	0.43	543 lbs	-352 lbs	13-14	0.04	726 lbs	-193 lbs				
								16-18	0.09	1380 lbs	-581 lbs				
								19-22	0.02	359 lbs	-153 lbs				
								21-24	0.15	1928 lbs	-1013 lbs				
								29-32	0.24	2964 lbs	-1606 lbs				
								10-30	0.09	1188 lbs	-640 lbs				

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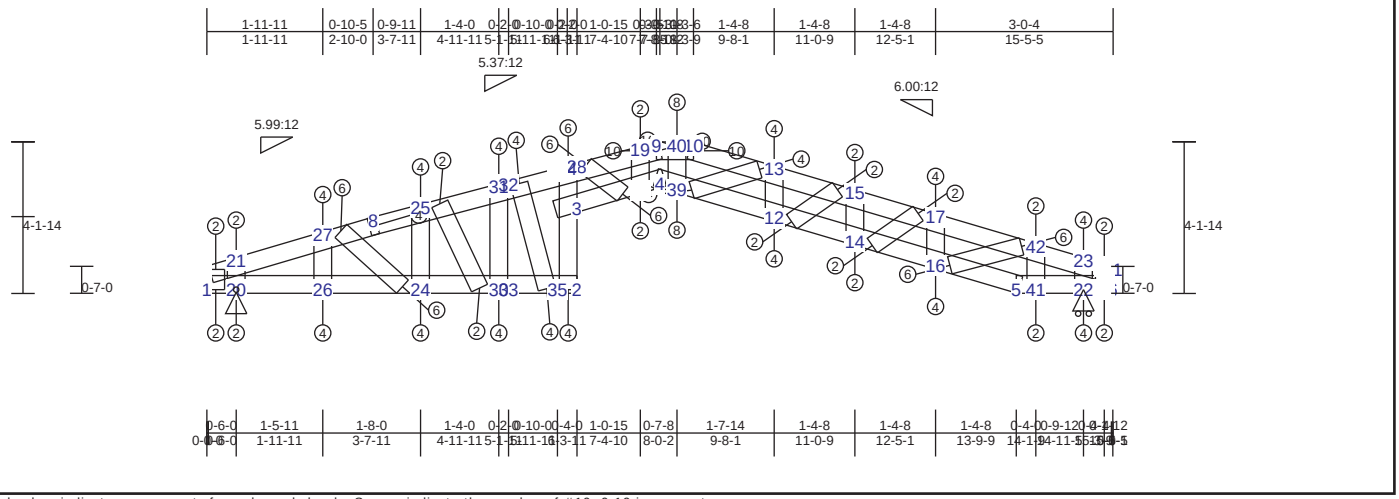
TRUSS TA23 (spacing 24 in)



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 :	0.81 (28 - 19)	TL(V): 0.4 in.	L / 505	(4-39)	L / 360
BC :	0.76 (39 - 12)	LL(V): 0.22 in.	L / 372	(4-39)	L / 360
Web :	0.79 (3 - 28)	DL(V): 0.18 in.	L / 417	(18-4)	L / 0
		Cant / OH TL: 0.22 in.	2L / 665	(4-39)	2L / 360
		Cant / OH LL: 0.22 in.	2L / 665	(4-39)	2L / 360
		Horiz TL: 0.19 in.		11	
		Web :			
		Snow/Wind -0.18 in.	L / 443	(28-19)	L / 360
		Cant (Snow/Wind) -0.18 in.	L / 896	(28-19)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
20	Pin		-50 lbs	880 lbs	0 lbs	-300 lbs	-50 lbs
22	HRoll		0 lbs	890 lbs	0 lbs	-300 lbs	0 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
4-1-14	15-5-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
9-40	0.46	-3647 lbs	-3647 lbs	5-41	0.04	0 lbs	0 lbs	1-7	0.07	-502 lbs	-502 lbs
10-40	0.46	-3647 lbs	-3647 lbs	22-41	0.04	0 lbs	0 lbs	12-13	0.23	-1563 lbs	-1563 lbs
7-21	0.12	-219 lbs	-219 lbs	22-37	0.04	0 lbs	0 lbs	14-15	0.06	-412 lbs	-412 lbs
21-27	0.23	-610 lbs	-610 lbs	6-37	0.03	0 lbs	0 lbs	16-17	0.23	-1572 lbs	-1572 lbs
8-27	0.35	-821 lbs	-821 lbs	1-20	0.20	54 lbs	-45 lbs	18-19	0.11	-767 lbs	-767 lbs
10-13	0.38	-4023 lbs	-4023 lbs	20-26	0.63	54 lbs	-45 lbs	20-21	0.03	498 lbs	-237 lbs
13-15	0.32	-3222 lbs	-3222 lbs	24-26	0.63	1062 lbs	-596 lbs	22-23	0.15	-1036 lbs	-1036 lbs
15-17	0.23	-2443 lbs	-2443 lbs	24-30	0.33	1062 lbs	-596 lbs	24-25	0.20	-1283 lbs	-1283 lbs
17-42	0.56	-2167 lbs	-2167 lbs	30-35	0.21	935 lbs	-495 lbs	26-27	0.23	-1529 lbs	-1529 lbs
23-42	0.37	-405 lbs	-405 lbs	2-35	0.15	738 lbs	-369 lbs	2-3	0.43	728 lbs	-466 lbs
23-38	0.15	-377 lbs	-377 lbs	3-18	0.59	3432 lbs	-1608 lbs	3-28	0.79	-1637 lbs	-1637 lbs
11-38	0.03	87 lbs	-33 lbs	4-18	0.54	3777 lbs	-1767 lbs	30-31	0.20	1404 lbs	-886 lbs
8-25	0.45	-1332 lbs	-1332 lbs	4-39	0.73	3916 lbs	-1805 lbs	37-38	0.01	151 lbs	-73 lbs
25-31	0.43	-1389 lbs	-1389 lbs	12-39	0.76	3916 lbs	-1805 lbs	39-40	0.21	2798 lbs	-1405 lbs
31-32	0.15	-782 lbs	-782 lbs	12-14	0.37	2391 lbs	-1143 lbs	41-42	0.02	-132 lbs	-132 lbs
28-32	0.62	-3016 lbs	-3016 lbs	14-16	0.33	2063 lbs	-1051 lbs	12-15	0.03	561 lbs	-203 lbs
19-28	0.81	-3848 lbs	-3848 lbs	5-16	0.26	1205 lbs	-626 lbs	14-17	0.04	611 lbs	-271 lbs
9-19	0.31	-3848 lbs	-3848 lbs					24-27	0.15	1939 lbs	-1005 lbs
								25-30	0.09	-470 lbs	-470 lbs
								32-35	0.33	-1284 lbs	-1284 lbs
								18-28	0.14	2422 lbs	-983 lbs
								13-39	0.09	1381 lbs	-596 lbs
								16-42	0.14	1775 lbs	-929 lbs

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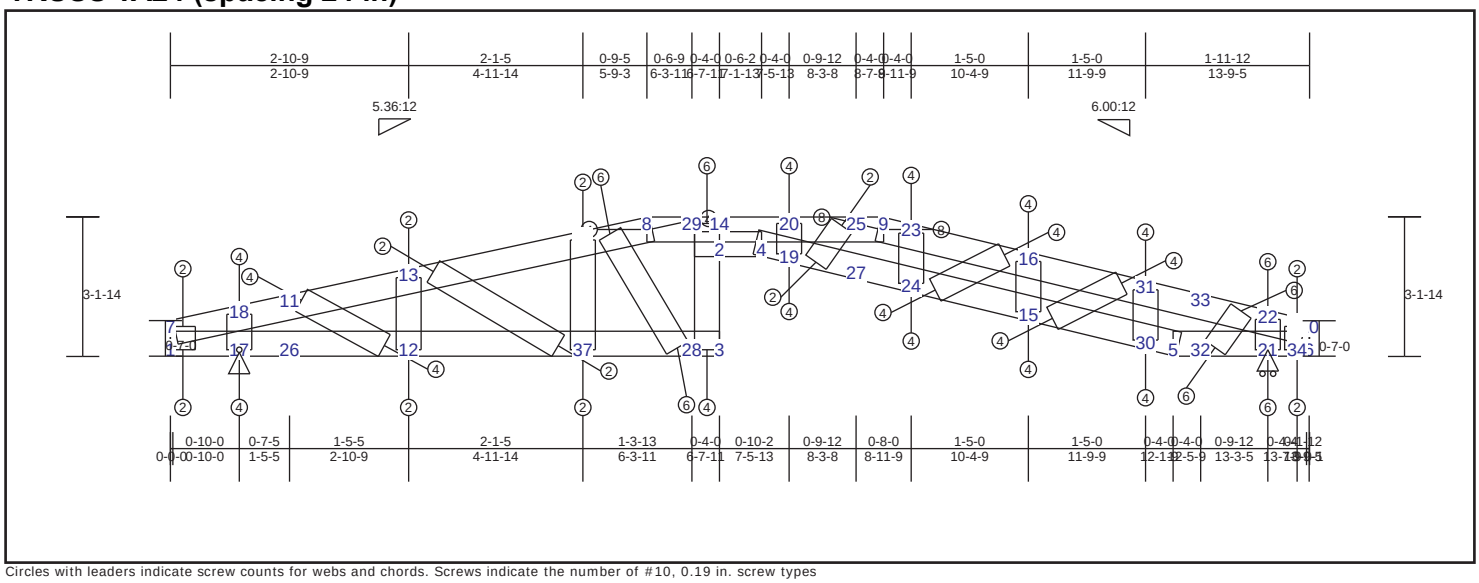
TRUSS TA24 (spacing 24 in)



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 :	0.96 (14 - 20)	TL(V): 0.33 in.	L / 525	(2-4)	L / 360
BC :	0.48 (19 - 24)	LL(V): 0.18 in.	L / 545	(2-4)	L / 360
Web :	0.49 (2 - 14)	DL(V): 0.15 in.	L / 557	(2-4)	L / 0
		Cant / OH TL: 0.18 in.	2L / 0	(2-4)	2L / 360
		Cant / OH LL: 0.18 in.	2L / 0	(2-4)	2L / 360
		Horiz TL: 0.16 in.		6	
		Web :			
		Snow/Wind -0.16 in.	L / 552	(2-4)	L / 360
		Cant (Snow/Wind) -0.16 in.	L / 552	(2-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
17	Pin		-40 lbs	800 lbs	0 lbs	-290 lbs	-40 lbs
21	HRoll		0 lbs	770 lbs	0 lbs	-250 lbs	0 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
3-1-14	13-9-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-14	0.73	-2185 lbs	-2185 lbs	2-4	0.36	2154 lbs	-1084 lbs	1-7	0.02	213 lbs	-117 lbs
14-20	0.96	-2185 lbs	-2185 lbs	1-17	0.09	39 lbs	-31 lbs	12-13	0.12	-800 lbs	-800 lbs
20-25	0.96	-2185 lbs	-2185 lbs	12-17	0.17	644 lbs	-388 lbs	2-3	0.29	1332 lbs	-716 lbs
9-25	0.37	-2073 lbs	-2073 lbs	12-37	0.17	924 lbs	-489 lbs	2-14	0.49	1332 lbs	-716 lbs
7-18	0.17	-322 lbs	-322 lbs	28-37	0.38	924 lbs	-489 lbs	15-16	0.19	-1268 lbs	-1268 lbs
11-18	0.20	-322 lbs	-322 lbs	3-28	0.28	395 lbs	-203 lbs	17-18	0.16	-1072 lbs	-1072 lbs
11-13	0.27	-869 lbs	-869 lbs	5-32	0.15	549 lbs	-285 lbs	19-20	0.12	1603 lbs	-795 lbs
13-36	0.25	-971 lbs	-971 lbs	21-32	0.26	549 lbs	-285 lbs	21-22	0.35	-2381 lbs	-2381 lbs
8-36	0.40	-1003 lbs	-1003 lbs	21-34	0.22	0 lbs	0 lbs	23-24	0.15	-988 lbs	-988 lbs
9-23	0.26	-2576 lbs	-2576 lbs	6-34	0.13	0 lbs	0 lbs	30-31	0.19	-1305 lbs	-1305 lbs
16-23	0.29	-2576 lbs	-2576 lbs	4-19	0.46	2420 lbs	-1208 lbs	34-35	0.05	685 lbs	-353 lbs
16-31	0.27	-1899 lbs	-1899 lbs	19-24	0.48	2464 lbs	-1234 lbs	36-37	0.05	407 lbs	-255 lbs
22-31	0.34	-1043 lbs	-1043 lbs	15-24	0.42	2013 lbs	-1016 lbs	11-12	0.08	971 lbs	-539 lbs
22-35	0.32	-739 lbs	-739 lbs	15-30	0.24	1145 lbs	-587 lbs	16-24	0.07	990 lbs	-471 lbs
10-35	0.12	326 lbs	-158 lbs	5-30	0.21	206 lbs	-103 lbs	19-25	0.03	348 lbs	-192 lbs
								15-31	0.09	1177 lbs	-599 lbs
								22-32	0.13	1688 lbs	-876 lbs
								28-36	0.49	-1921 lbs	-1921 lbs
								13-37	0.03	444 lbs	-160 lbs

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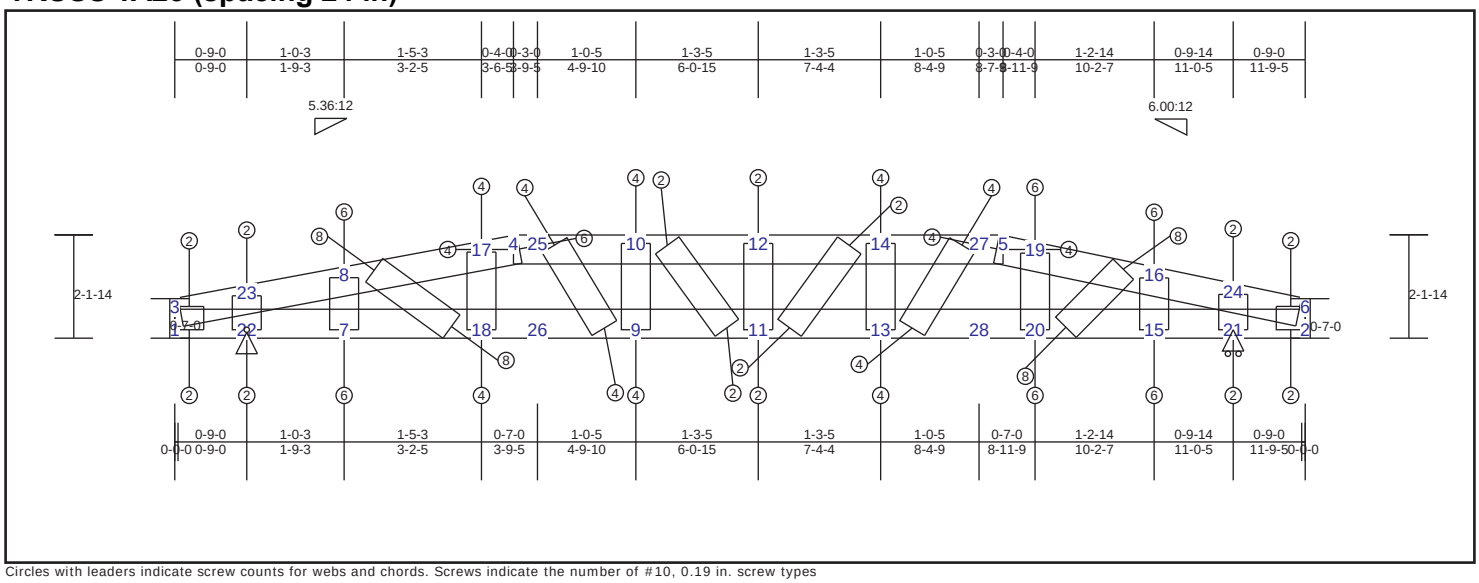
TRUSS TA25 (spacing 24 in)



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 :	0.80 (19 - 16)	TL(V): 0.06 in.	L / 999	(10-12)	L / 360
BC :	0.59 (22 - 7)	LL(V): 0.03 in.	L / 999	(10-12)	L / 360
Web :	0.36 (15 - 16)	DL(V): 0.02 in.	L / 999	(10-12)	L / 0
		Cant / OH TL: -0.01 in.	2L / 391	3	2L / 360
		Cant / OH LL: -0.01 in.	2L / 391	3	2L / 360
		Horiz TL: 0.02 in.		6	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(10-12)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 999	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
21	HRoll		-20 lbs	670 lbs	0 lbs	-220 lbs	-20 lbs
22	Pin		-20 lbs	670 lbs	0 lbs	-220 lbs	-20 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
2-1-14	11-9-5

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-23	0.09	67 lbs	-64 lbs	1-22	0.29	23 lbs	-23 lbs	1-3	0.02	-69 lbs	-69 lbs
8-23	0.56	-376 lbs	-376 lbs	7-22	0.59	23 lbs	-23 lbs	22-23	0.05	-151 lbs	-151 lbs
8-17	0.77	-709 lbs	-709 lbs	7-18	0.59	578 lbs	-299 lbs	7-8	0.31	-853 lbs	-853 lbs
4-17	0.17	-709 lbs	-709 lbs	9-18	0.38	695 lbs	-374 lbs	17-18	0.24	-654 lbs	-654 lbs
4-25	0.25	-597 lbs	-597 lbs	9-11	0.24	731 lbs	-402 lbs	9-10	0.14	-372 lbs	-372 lbs
10-25	0.33	-714 lbs	-714 lbs	11-13	0.31	731 lbs	-402 lbs	11-12	0.07	-189 lbs	-189 lbs
10-12	0.21	-750 lbs	-750 lbs	13-20	0.48	658 lbs	-362 lbs	13-14	0.19	-522 lbs	-522 lbs
12-14	0.24	-750 lbs	-750 lbs	15-20	0.58	513 lbs	-277 lbs	19-20	0.30	-819 lbs	-819 lbs
14-27	0.36	-677 lbs	-677 lbs	15-21	0.58	0 lbs	0 lbs	15-16	0.36	-994 lbs	-994 lbs
5-27	0.29	-532 lbs	-532 lbs	2-21	0.31	0 lbs	0 lbs	21-24	0.04	-117 lbs	-117 lbs
5-19	0.19	-684 lbs	-684 lbs					2-6	0.02	-60 lbs	-60 lbs
16-19	0.80	-684 lbs	-684 lbs					8-18	0.23	1164 lbs	-649 lbs
16-24	0.59	-463 lbs	-463 lbs					9-25	0.11	481 lbs	-309 lbs
6-24	0.06	64 lbs	-50 lbs					10-11	0.03	124 lbs	-95 lbs
								11-14	0.05	253 lbs	-144 lbs
								13-27	0.13	597 lbs	-349 lbs
								16-20	0.26	1346 lbs	-728 lbs

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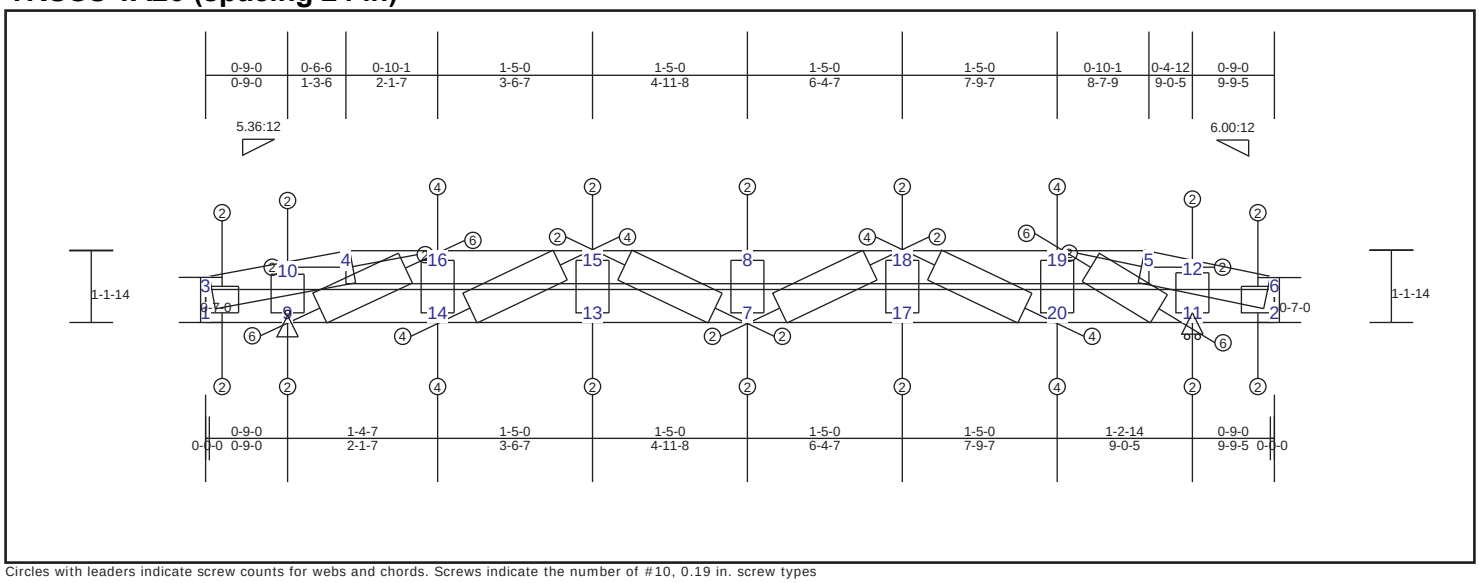
TRUSS TA26 (spacing 24 in)



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 (19 - 5)	TL(V): 0.03 in.	L / 999	(15-8)	L / 360
BC :	0.37 (20 - 11)	LL(V): 0.01 in.	L / 999	(15-8)	L / 360
Web :	0.30 (19 - 11)	DL(V): 0.01 in.	L / 999	(15-8)	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.		6	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(15-8)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
9	Pin		-10 lbs	550 lbs	0 lbs	-200 lbs	-10 lbs
11	HRoll		-10 lbs	550 lbs	0 lbs	-200 lbs	-10 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
1-1-14	9-9-5

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-16	0.32	-553 lbs	-553 lbs	1-9	0.32	9 lbs	-8 lbs	1-3	0.03	-94 lbs	-94 lbs
15-16	0.32	-891 lbs	-891 lbs	9-14	0.34	546 lbs	-330 lbs	9-10	0.01	43 lbs	-28 lbs
8-15	0.29	-984 lbs	-984 lbs	13-14	0.32	884 lbs	-552 lbs	14-16	0.11	511 lbs	-311 lbs
8-18	0.30	-984 lbs	-984 lbs	7-13	0.36	977 lbs	-609 lbs	13-15	0.01	82 lbs	-41 lbs
18-19	0.36	-869 lbs	-869 lbs	7-17	0.36	977 lbs	-609 lbs	7-8	0.09	-241 lbs	-241 lbs
5-19	0.36	-486 lbs	-486 lbs	17-20	0.31	862 lbs	-539 lbs	17-18	0.02	86 lbs	-44 lbs
3-10	0.05	44 lbs	-33 lbs	11-20	0.37	478 lbs	-290 lbs	19-20	0.13	594 lbs	-355 lbs
4-10	0.05	44 lbs	-8 lbs	2-11	0.35	0 lbs	0 lbs	11-12	0.02	99 lbs	-51 lbs
5-12	0.06	50 lbs	-5 lbs					2-6	0.04	-110 lbs	-110 lbs
6-12	0.06	50 lbs	-43 lbs					9-16	0.29	-822 lbs	-822 lbs
								14-15	0.18	-516 lbs	-516 lbs
								7-15	0.03	142 lbs	-86 lbs
								7-18	0.04	176 lbs	-107 lbs
								18-20	0.21	-584 lbs	-584 lbs
								11-19	0.30	-848 lbs	-848 lbs

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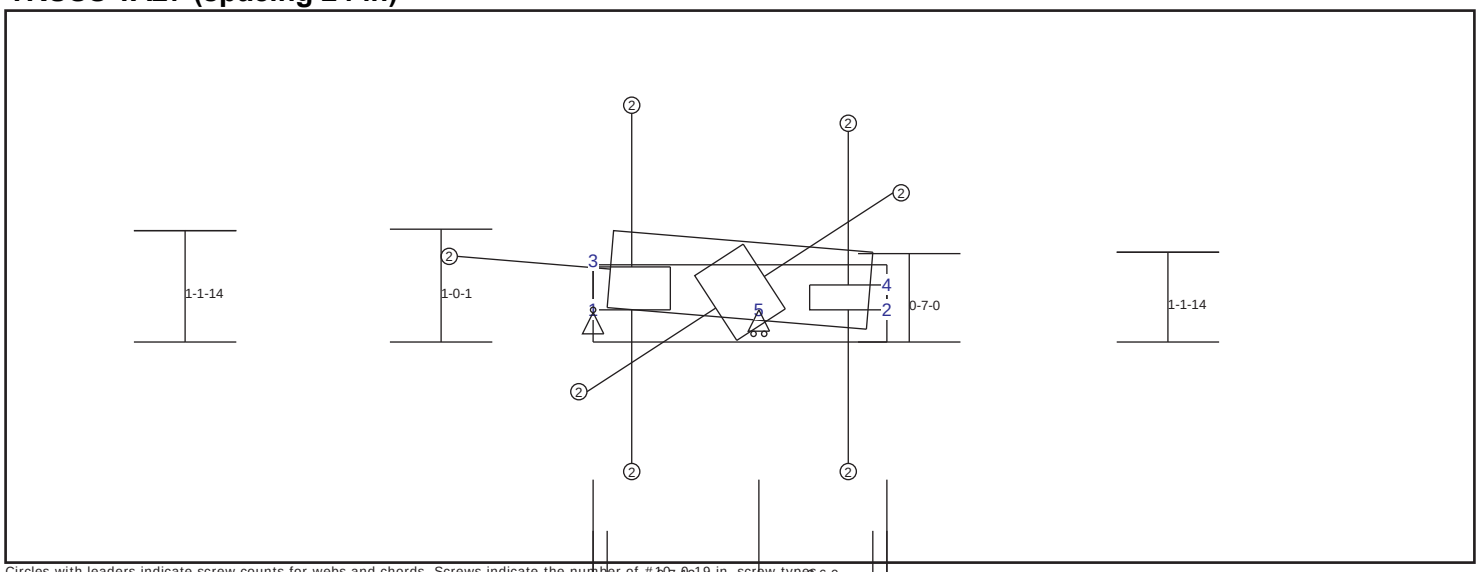
TRUSS TA27 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10-0.219 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 :	0.06 (3 - 4)	TL(V): 0 in.	L / 999	(3-4)	L / 360
BC :	0.08 (1 - 2)	LL(V): 0 in.	L / 999	(3-4)	L / 360
Web :	0.02 (2 - 4)	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.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-4)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	140 lbs	0 lbs	-10 lbs	0 lbs
4	NA		0 lbs	140 lbs	0 lbs	-10 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
1-1-1	1-1-12

Load Summary

1)This Truss has been designed in accordance with LR 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.06	-25 lbs	-25 lbs	1-2	0.08	36 lbs	-12 lbs	2-4	0.02	-69 lbs	-69 lbs
								1-3	0.02	-50 lbs	-50 lbs
								1-4	0.02	144 lbs	-49 lbs

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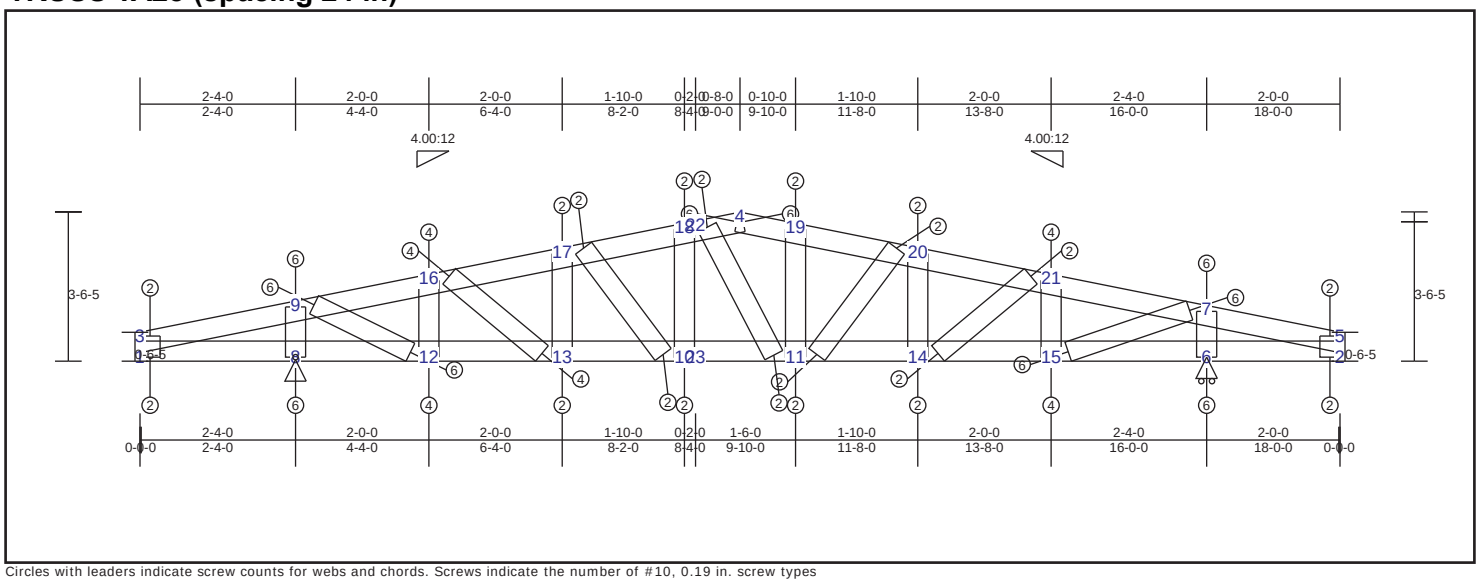
TRUSS TA28 (spacing 24 in)



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 (3 - 9)	TL(V): 0.03 in.	L / 999	(17-18)	L / 360
BC :	0.35 (8 - 12)	LL(V): 0.02 in.	L / 999	(17-18)	L / 360
Web :	0.33 (8 - 9)	DL(V): 0.01 in.	L / 999	(17-18)	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 in.		17	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(17-18)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		-40 lbs	1040 lbs	0 lbs	-310 lbs	-40 lbs
8	Pin		-40 lbs	1040 lbs	0 lbs	-310 lbs	-40 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
3-6-5	18-0-0

Load Summary

1)This Truss has been designed in accordance with LRFD 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.53	-242 lbs	-242 lbs	1-8	0.14	-43 lbs	-43 lbs	1-3	0.01	35 lbs	-27 lbs
9-16	0.48	-781 lbs	-781 lbs	8-12	0.35	598 lbs	-345 lbs	8-9	0.33	-936 lbs	-936 lbs
16-17	0.27	-878 lbs	-878 lbs	12-13	0.35	807 lbs	-443 lbs	6-7	0.33	-917 lbs	-917 lbs
17-18	0.39	-878 lbs	-878 lbs	10-13	0.26	807 lbs	-443 lbs	2-5	0.00	26 lbs	-13 lbs
18-22	0.37	-755 lbs	-755 lbs	10-11	0.22	752 lbs	-365 lbs	12-16	0.21	-571 lbs	-571 lbs
4-22	0.35	-755 lbs	-755 lbs	11-14	0.25	861 lbs	-437 lbs	13-17	0.05	-137 lbs	-137 lbs
4-19	0.31	-787 lbs	-787 lbs	14-15	0.29	861 lbs	-437 lbs	10-18	0.07	160 lbs	-148 lbs
19-20	0.35	-918 lbs	-918 lbs	6-15	0.29	736 lbs	-388 lbs	11-19	0.06	174 lbs	-127 lbs
20-21	0.25	-944 lbs	-944 lbs	2-6	0.08	0 lbs	0 lbs	14-20	0.02	-56 lbs	-56 lbs
7-21	0.47	-890 lbs	-890 lbs					15-21	0.17	-457 lbs	-457 lbs
5-7	0.50	-241 lbs	-241 lbs					13-16	0.07	358 lbs	-182 lbs
								10-17	0.10	-239 lbs	-239 lbs
								11-20	0.11	-268 lbs	-268 lbs
								14-21	0.04	214 lbs	-105 lbs
								7-15	0.16	846 lbs	-446 lbs
								9-12	0.14	773 lbs	-394 lbs
								11-22	0.07	141 lbs	-129 lbs

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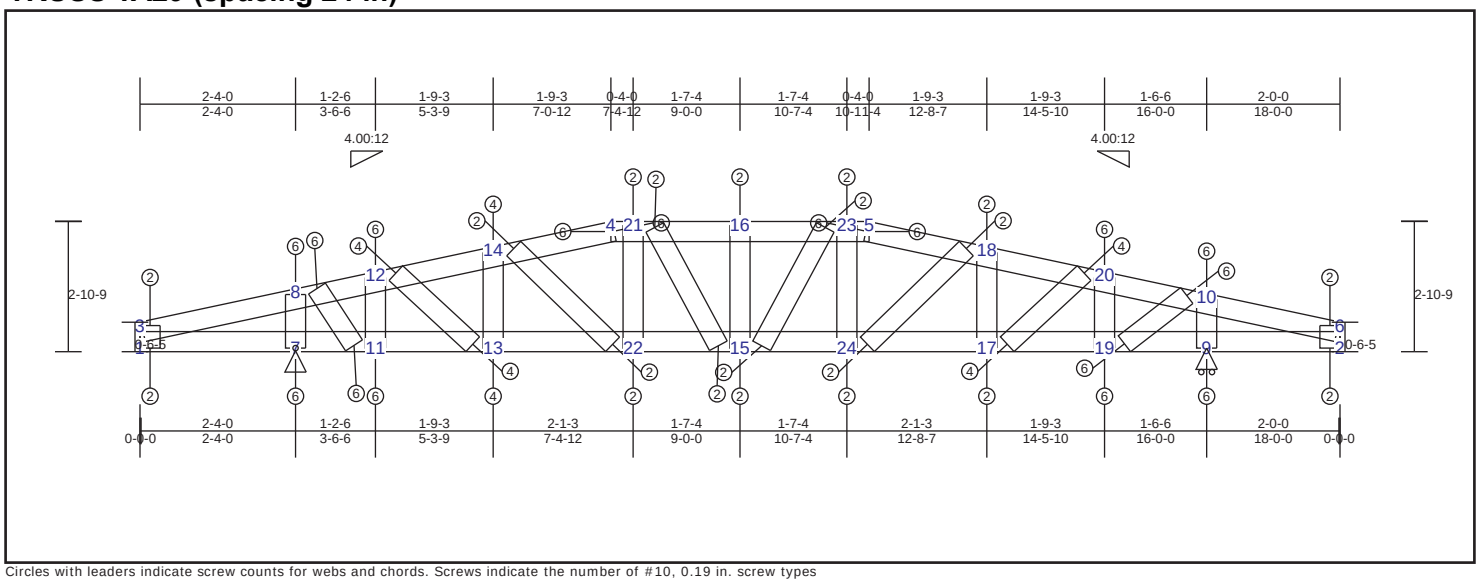
TRUSS TA29 (spacing 24 in)



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 (3 - 8)	TL(V): 0.03 in.	L / 999	(21-16)	L / 360
BC :	0.55 (7 - 11)	LL(V): 0.02 in.	L / 999	(21-16)	L / 360
Web :	0.36 (7 - 8)	DL(V): 0.01 in.	L / 999	(21-16)	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.		2	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(21-16)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	Pin		-30 lbs	1040 lbs	0 lbs	-300 lbs	-30 lbs
9	HRoll		-30 lbs	1040 lbs	0 lbs	-300 lbs	-30 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
2-10-9	18-0-0

Load Summary

1)This Truss has been designed in accordance with LRFD 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.56	-265 lbs	-265 lbs	1-7	0.14	-34 lbs	-34 lbs	1-3	0.01	36 lbs	-28 lbs
8-12	0.54	-596 lbs	-596 lbs	7-11	0.55	354 lbs	-220 lbs	7-8	0.36	-1005 lbs	-1005 lbs
12-14	0.41	-868 lbs	-868 lbs	11-13	0.55	732 lbs	-426 lbs	11-12	0.34	-936 lbs	-936 lbs
4-14	0.23	-898 lbs	-898 lbs	13-22	0.26	816 lbs	-455 lbs	13-14	0.15	-420 lbs	-420 lbs
4-21	0.23	-845 lbs	-845 lbs	15-22	0.26	877 lbs	-483 lbs	21-22	0.01	24 lbs	-22 lbs
16-21	0.31	-906 lbs	-906 lbs	15-24	0.26	877 lbs	-483 lbs	15-16	0.12	-300 lbs	-300 lbs
16-23	0.28	-906 lbs	-906 lbs	17-24	0.25	848 lbs	-455 lbs	23-24	0.03	-80 lbs	-80 lbs
5-23	0.24	-876 lbs	-876 lbs	17-19	0.44	823 lbs	-441 lbs	17-18	0.10	-270 lbs	-270 lbs
5-18	0.23	-934 lbs	-934 lbs	9-19	0.44	561 lbs	-301 lbs	19-20	0.26	-731 lbs	-731 lbs
18-20	0.32	-932 lbs	-932 lbs	2-9	0.08	0 lbs	0 lbs	9-10	0.34	-965 lbs	-965 lbs
10-20	0.51	-765 lbs	-765 lbs					2-6	0.00	29 lbs	-14 lbs
6-10	0.53	-256 lbs	-256 lbs					8-11	0.17	920 lbs	-482 lbs
								12-13	0.13	663 lbs	-362 lbs
								14-22	0.02	153 lbs	-64 lbs
								15-21	0.05	187 lbs	-124 lbs
								15-23	0.04	90 lbs	-87 lbs
								18-24	0.01	62 lbs	-25 lbs
								17-20	0.09	460 lbs	-246 lbs
								10-19	0.17	879 lbs	-472 lbs

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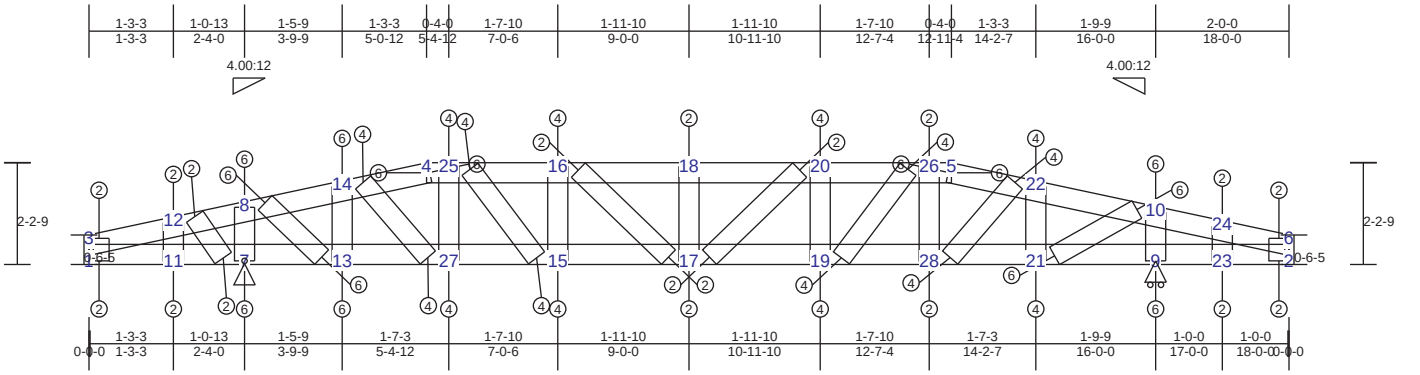
TRUSS TA30 (spacing 24 in)



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 (12 - 8)	TL(V): 0.04 in.	L / 999	(16-18)	L / 360
BC :	0.47 (7 - 13)	LL(V): 0.03 in.	L / 999	(16-18)	L / 360
Web :	0.34 (7 - 8)	DL(V): 0.02 in.	L / 999	(16-18)	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.		2	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(16-18)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	Pin		-20 lbs	1040 lbs	0 lbs	-320 lbs	-20 lbs
9	HRoll		-20 lbs	1040 lbs	0 lbs	-320 lbs	-20 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
2-2-9	18-0-0

Load Summary

1)This Truss has been designed in accordance with LRFD 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-25	0.32	-782 lbs	-782 lbs	1-11	0.08	0 lbs	0 lbs	1-3	0.01	-36 lbs	-36 lbs
16-25	0.45	-1069 lbs	-1069 lbs	7-11	0.12	51 lbs	-25 lbs	11-12	0.01	50 lbs	-41 lbs
16-18	0.31	-1229 lbs	-1229 lbs	7-13	0.47	434 lbs	-259 lbs	7-8	0.34	-956 lbs	-956 lbs
18-20	0.31	-1229 lbs	-1229 lbs	13-27	0.47	762 lbs	-454 lbs	13-14	0.30	-838 lbs	-838 lbs
20-26	0.45	-1118 lbs	-1118 lbs	15-27	0.45	1048 lbs	-634 lbs	25-27	0.17	-466 lbs	-466 lbs
5-26	0.28	-875 lbs	-875 lbs	15-17	0.39	1208 lbs	-731 lbs	15-16	0.21	-564 lbs	-564 lbs
3-12	0.11	48 lbs	-7 lbs	17-19	0.39	1208 lbs	-731 lbs	17-18	0.08	-224 lbs	-224 lbs
8-12	0.54	-230 lbs	-230 lbs	19-28	0.35	1098 lbs	-656 lbs	19-20	0.17	-479 lbs	-479 lbs
8-14	0.52	-674 lbs	-674 lbs	21-28	0.37	855 lbs	-495 lbs	26-28	0.12	-330 lbs	-330 lbs
4-14	0.41	-787 lbs	-787 lbs	9-21	0.37	608 lbs	-347 lbs	21-22	0.24	-654 lbs	-654 lbs
5-22	0.31	-895 lbs	-895 lbs	9-23	0.07	0 lbs	0 lbs	9-10	0.34	-950 lbs	-950 lbs
10-22	0.47	-813 lbs	-813 lbs	2-23	0.05	0 lbs	0 lbs	23-24	0.00	36 lbs	-13 lbs
10-24	0.51	-245 lbs	-245 lbs					2-6	0.01	-31 lbs	-31 lbs
6-24	0.07	60 lbs	-6 lbs					7-12	0.02	89 lbs	-62 lbs
								8-13	0.18	827 lbs	-487 lbs
								14-27	0.15	677 lbs	-404 lbs
								15-25	0.15	661 lbs	-415 lbs
								16-17	0.06	290 lbs	-175 lbs
								17-20	0.05	200 lbs	-136 lbs
								19-26	0.14	560 lbs	-370 lbs
								22-28	0.11	510 lbs	-306 lbs
								10-21	0.17	810 lbs	-462 lbs

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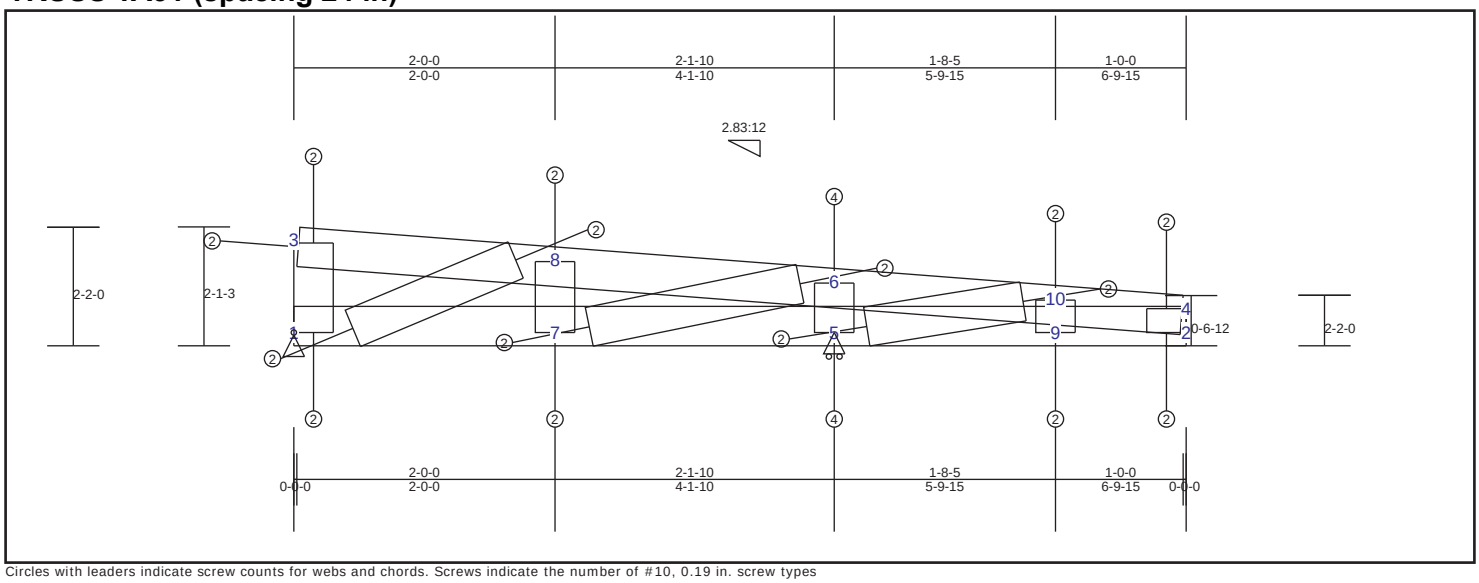
TRUSS TA31 (spacing 24 in)



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 (6 - 10)	TL(V): 0 in.	L / 999	(3-8)	L / 360
BC :	0.15 (7 - 5)	LL(V): 0 in.	L / 999	(3-8)	L / 360
Web :	0.16 (5 - 6)	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.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-8)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-110 lbs	600 lbs	0 lbs	-80 lbs	-110 lbs
5	HRoll		0 lbs	600 lbs	0 lbs	-210 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
2-1-13	6-9-15

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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	-44 lbs	-44 lbs	1-7	0.12	111 lbs	-37 lbs	2-4	0.01	-33 lbs	-33 lbs
6-8	0.23	185 lbs	-98 lbs	5-7	0.15	-256 lbs	-256 lbs	1-3	0.02	-66 lbs	-66 lbs
6-10	0.24	279 lbs	-159 lbs	5-9	0.15	-256 lbs	-256 lbs	7-8	0.06	-164 lbs	-164 lbs
4-10	0.08	31 lbs	-8 lbs	2-9	0.05	0 lbs	0 lbs	5-6	0.16	-436 lbs	-436 lbs
								9-10	0.01	74 lbs	-36 lbs
								1-8	0.02	86 lbs	-57 lbs
								6-7	0.05	322 lbs	-146 lbs
								5-10	0.10	-286 lbs	-286 lbs

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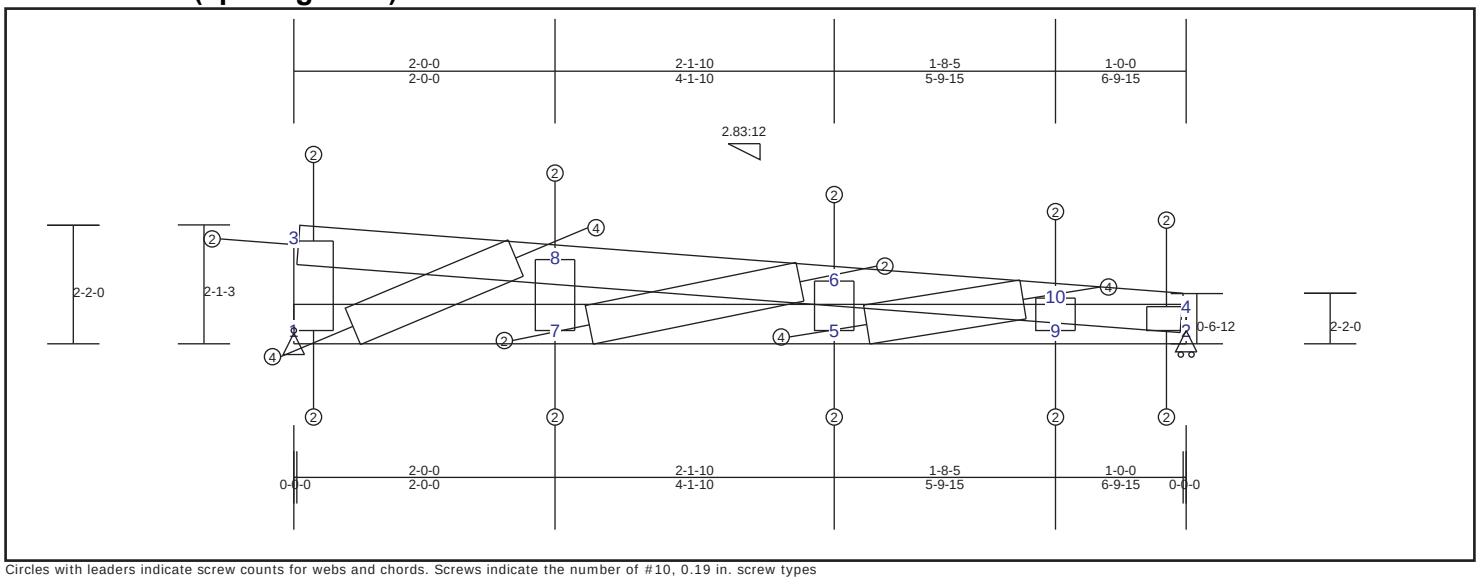
TRUSS TA32 (spacing 24 in)



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 (6 - 10)	TL(V): 0.01 in.	L / 999	(6-10)	L / 360
BC :	0.28 (5 - 9)	LL(V): 0.01 in.	L / 999	(6-10)	L / 360
Web :	0.20 (1 - 8)	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.		3	
		Web :			
		Snow/Wind -0.01 in.	L / 999	(6-10)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-110 lbs	370 lbs	0 lbs	-160 lbs	-110 lbs
2	HRoll		0 lbs	360 lbs	0 lbs	-130 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
2-1-13	6-9-15

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.26	-254 lbs	-254 lbs	1-7	0.27	313 lbs	-119 lbs	1-3	0.01	-28 lbs	-28 lbs
6-8	0.24	-610 lbs	-610 lbs	5-7	0.19	602 lbs	-329 lbs	7-8	0.07	324 lbs	-202 lbs
6-10	0.37	-610 lbs	-610 lbs	5-9	0.28	602 lbs	-329 lbs	5-6	0.05	-143 lbs	-143 lbs
4-10	0.27	-91 lbs	-91 lbs	2-9	0.28	0 lbs	0 lbs	9-10	0.12	-325 lbs	-325 lbs
								2-4	0.05	-143 lbs	-143 lbs
								1-8	0.20	-540 lbs	-540 lbs
								6-7	0.12	-341 lbs	-341 lbs
								5-10	0.13	671 lbs	-367 lbs

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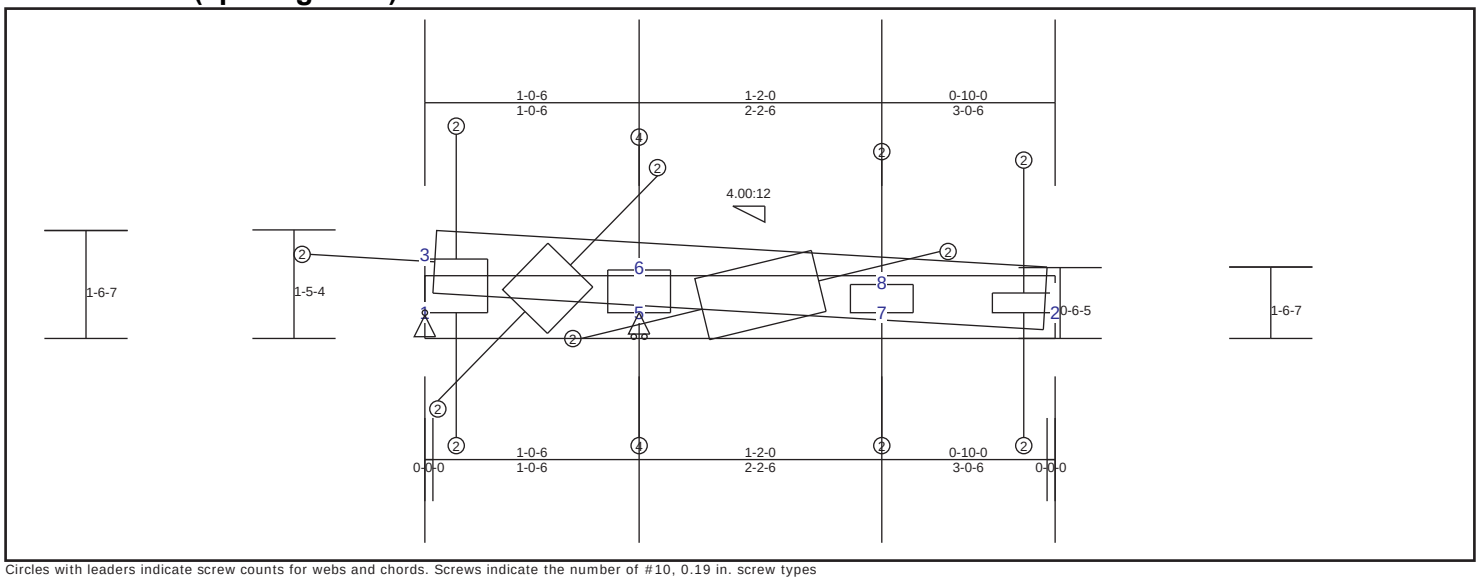
TRUSS TA33 (spacing 24 in)



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 :	0.21 (6 - 8)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.16 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.13 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-70 lbs	520 lbs	0 lbs	-20 lbs	-70 lbs
5	HRoll		0 lbs	520 lbs	0 lbs	-160 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
1-6-1	3-0-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.20	-47 lbs	-47 lbs	1-5	0.16	77 lbs	-43 lbs	1-3	0.00	-9 lbs	-9 lbs
6-8	0.21	69 lbs	-47 lbs	5-7	0.14	77 lbs	-43 lbs	5-6	0.13	-368 lbs	-368 lbs
4-8	0.05	25 lbs	-4 lbs	2-7	0.03	0 lbs	0 lbs	7-8	0.01	-33 lbs	-33 lbs
								2-4	0.01	29 lbs	-24 lbs
								1-6	0.02	181 lbs	-46 lbs
								5-8	0.03	130 lbs	-72 lbs

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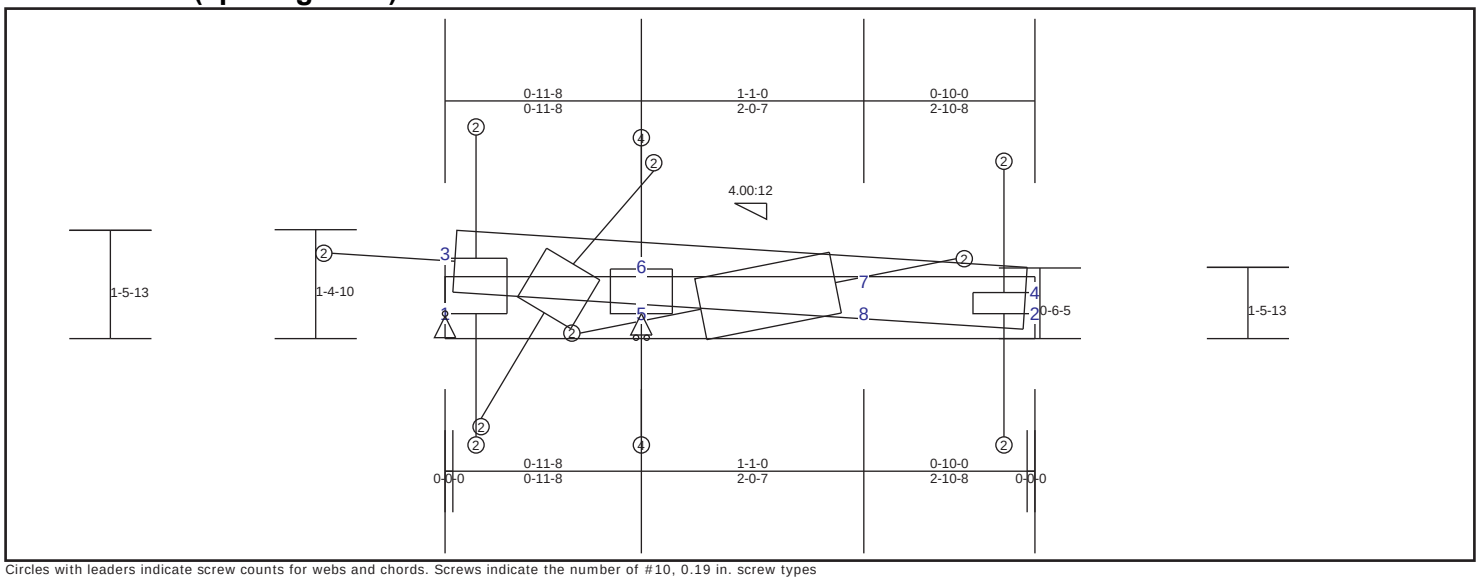
TRUSS TA34 (spacing 24 in)



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 :	0.19 (6 - 7)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.15 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.13 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-70 lbs	500 lbs	0 lbs	-20 lbs	-70 lbs
5	HRoll		0 lbs	500 lbs	0 lbs	-160 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
1-5-7	2-10-8

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.17	-56 lbs	-56 lbs	1-5	0.15	68 lbs	-31 lbs	1-3	0.00	19 lbs	-4 lbs
6-7	0.19	59 lbs	-56 lbs	2-5	0.13	68 lbs	-31 lbs	5-6	0.13	-363 lbs	-363 lbs
4-7	0.04	15 lbs	-5 lbs					2-4	0.01	-29 lbs	-29 lbs
								1-6	0.02	139 lbs	-25 lbs
								5-7	0.02	97 lbs	-45 lbs

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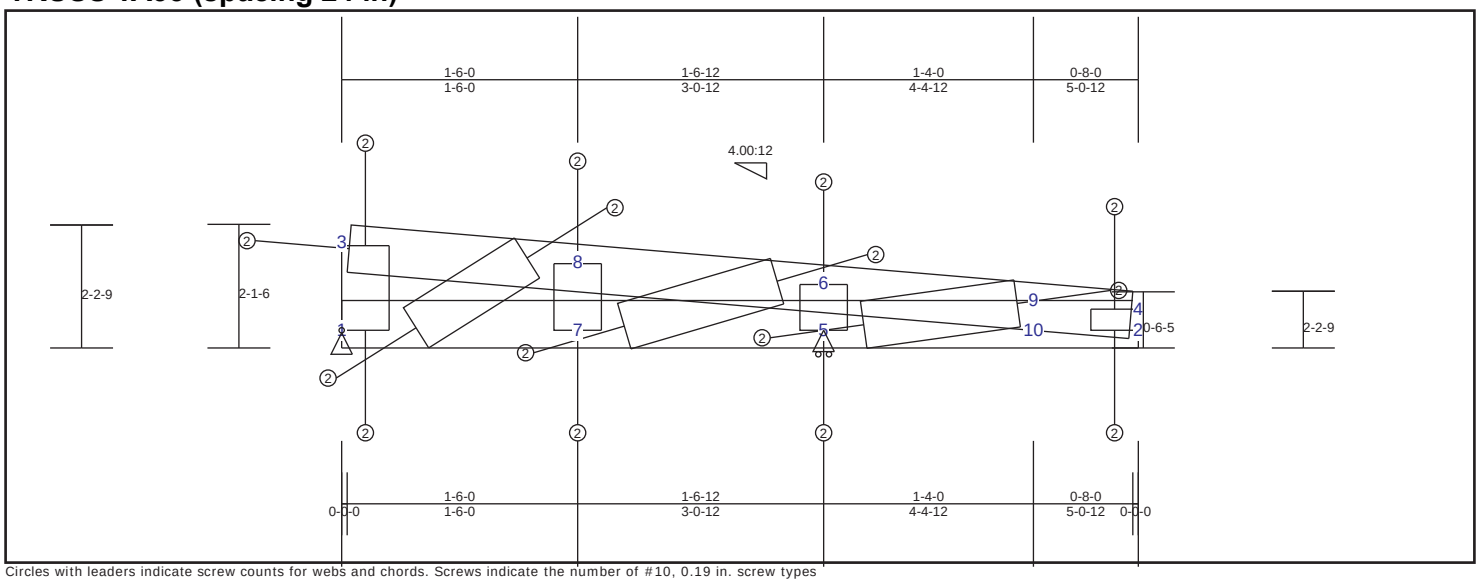
TRUSS TA35 (spacing 24 in)



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 :	0.17 (6 - 9)	TL(V): 0 in.	L / 999	(3-8)	L / 360
BC :	0.10 (1 - 7)	LL(V): 0 in.	L / 999	(3-8)	L / 360
Web :	0.11 (5 - 6)	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.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-8)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	460 lbs	0 lbs	-70 lbs	-120 lbs
5	HRoll		0 lbs	460 lbs	0 lbs	-140 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
2-2-3	5-0-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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	-23 lbs	-23 lbs	1-7	0.10	118 lbs	-40 lbs	1-3	0.02	-54 lbs	-54 lbs
6-8	0.16	64 lbs	-33 lbs	5-7	0.10	-131 lbs	-131 lbs	7-8	0.06	-154 lbs	-154 lbs
6-9	0.17	155 lbs	-86 lbs	2-5	0.09	-131 lbs	-131 lbs	5-6	0.11	-320 lbs	-320 lbs
4-9	0.05	23 lbs	0 lbs					2-4	0.00	12 lbs	-4 lbs
								1-8	0.01	78 lbs	-26 lbs
								6-7	0.02	174 lbs	-36 lbs
								5-9	0.05	-149 lbs	-149 lbs

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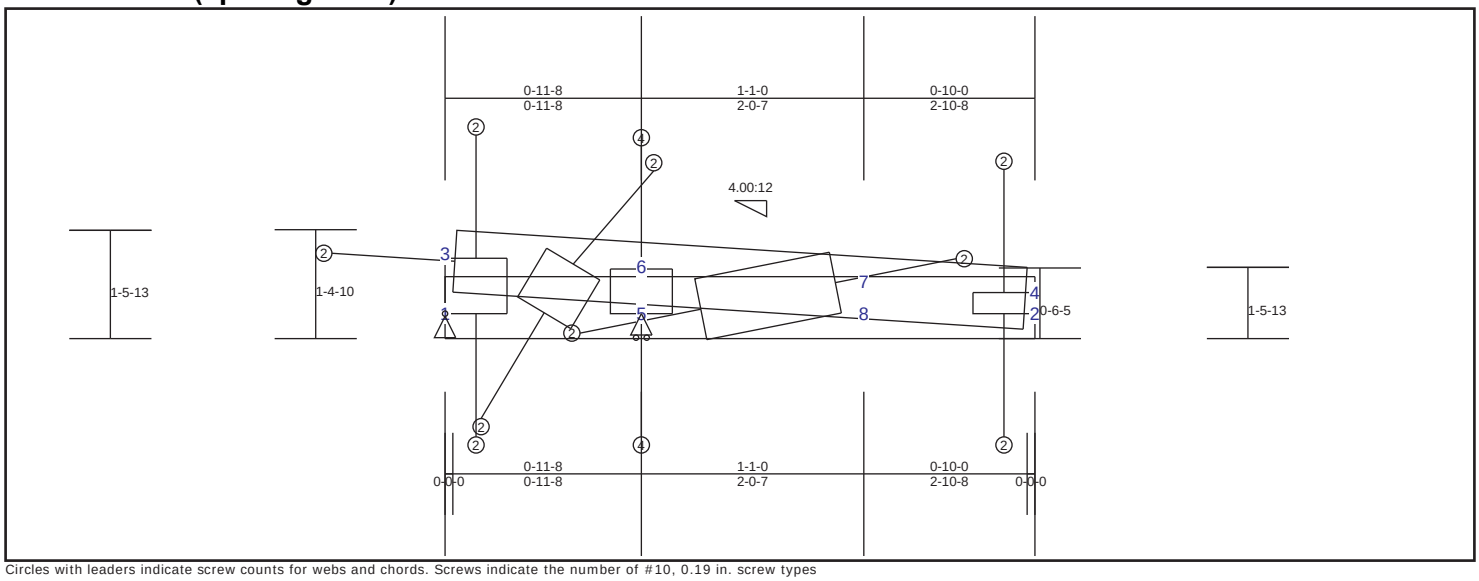
TRUSS TA36 (spacing 24 in)



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 :	0.19 (6 - 7)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.15 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.13 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-70 lbs	500 lbs	0 lbs	-20 lbs	-70 lbs
5	HRoll		0 lbs	500 lbs	0 lbs	-160 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
1-5-7	2-10-8

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.17	-56 lbs	-56 lbs	1-5	0.15	68 lbs	-31 lbs	5-6	0.13	-363 lbs	-363 lbs
6-7	0.19	59 lbs	-56 lbs	2-5	0.13	68 lbs	-31 lbs	2-4	0.01	-29 lbs	-29 lbs
4-7	0.04	15 lbs	-5 lbs					1-3	0.00	19 lbs	-4 lbs
								1-6	0.02	139 lbs	-25 lbs
								5-7	0.02	97 lbs	-45 lbs

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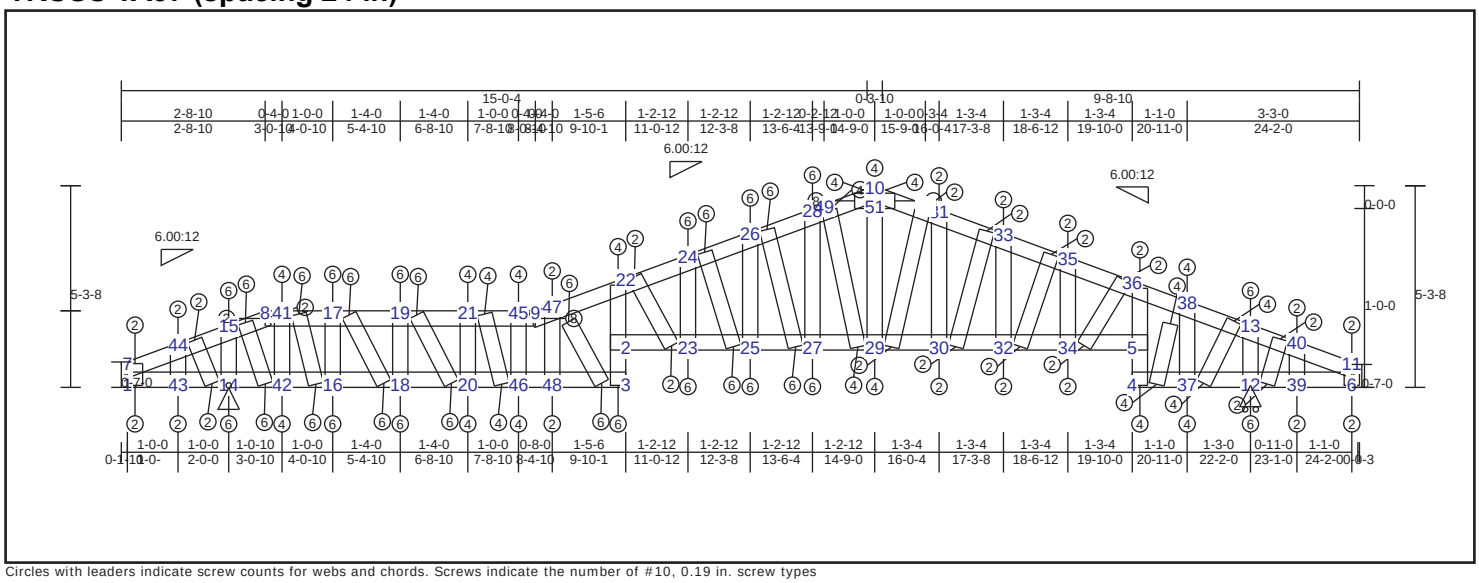
TRUSS TA37 (spacing 24 in)



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 (47 - 22)	TL(V): 0.27 in.	L / 463	(2-23)	L / 360
BC :	0.72 (2 - 23)	LL(V): 0.15 in.	L / 830	(2-23)	L / 360
Web :	0.67 (2 - 22)	DL(V): 0.12 in.	L / 757	22	L / 0
		Cant / OH TL: 0.15 in.	2L / 999	(2-23)	2L / 360
		Cant / OH LL: 0.15 in.	2L / 999	(2-23)	2L / 360
		Horiz TL: 0.06 in.		6	
		Web :			
		Snow/Wind -0.15 in.	L / 804	(2-23)	L / 360
		Cant (Snow/Wind) -0.15 in.	L / 999	(2-23)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
12	HRoll		0 lbs	1390 lbs	0 lbs	-470 lbs	0 lbs
14	Pin		-60 lbs	1380 lbs	0 lbs	-520 lbs	-60 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
5-3-8	24-5-7

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-41	0.25	-582 lbs	-582 lbs	4-37	0.24	761 lbs	-376 lbs	14-15	0.29	-1936 lbs	-1936 lbs	29-51	0.25	897 lbs	-585 lbs
17-41	0.31	-926 lbs	-926 lbs	12-37	0.27	615 lbs	-297 lbs	12-13	0.27	-1847 lbs	-1847 lbs	17-18	0.21	2317 lbs	-1390 lbs
17-19	0.39	-1741 lbs	-1741 lbs	12-39	0.11	115 lbs	-40 lbs	1-7	0.00	34 lbs	-1 lbs	19-20	0.16	1758 lbs	-1033 lbs
19-21	0.30	-2360 lbs	-2360 lbs	6-39	0.05	0 lbs	0 lbs	16-17	0.35	-2328 lbs	-2328 lbs	22-23	0.07	-440 lbs	-440 lbs
21-45	0.32	-2617 lbs	-2617 lbs	2-23	0.72	2529 lbs	-1470 lbs	18-19	0.31	-2031 lbs	-2031 lbs	24-25	0.41	-2080 lbs	-2080 lbs
9-45	0.32	-2617 lbs	-2617 lbs	23-25	0.45	2365 lbs	-1332 lbs	20-21	0.20	-1307 lbs	-1307 lbs	30-33	0.09	-320 lbs	-320 lbs
7-44	0.06	-100 lbs	-100 lbs	25-27	0.34	1908 lbs	-1032 lbs	2-3	0.64	1436 lbs	-914 lbs	32-35	0.01	126 lbs	-50 lbs
15-44	0.30	-837 lbs	-837 lbs	27-29	0.29	1567 lbs	-805 lbs	2-22	0.67	1436 lbs	-914 lbs	34-36	0.05	719 lbs	-352 lbs
8-15	0.27	-837 lbs	-837 lbs	29-30	0.29	1401 lbs	-690 lbs	23-24	0.18	1630 lbs	-1072 lbs	4-38	0.07	885 lbs	-477 lbs
9-47	0.31	-2649 lbs	-2649 lbs	30-32	0.23	1420 lbs	-698 lbs	25-26	0.33	2033 lbs	-1320 lbs	16-41	0.17	1936 lbs	-1159 lbs
22-47	0.44	-2714 lbs	-2714 lbs	32-34	0.24	1431 lbs	-708 lbs	27-28	0.38	1644 lbs	-1089 lbs	15-42	0.15	1774 lbs	-1028 lbs
22-24	0.42	-2736 lbs	-2736 lbs	5-34	0.21	1431 lbs	-708 lbs	30-31	0.04	-106 lbs	-106 lbs	14-44	0.03	522 lbs	-178 lbs
24-26	0.36	-2453 lbs	-2453 lbs	1-43	0.07	0 lbs	0 lbs	32-33	0.05	201 lbs	-200 lbs	21-46	0.13	1446 lbs	-840 lbs
26-28	0.29	-2037 lbs	-2037 lbs	14-43	0.13	150 lbs	-115 lbs	34-35	0.08	-481 lbs	-481 lbs	3-47	0.28	-1804 lbs	-1804 lbs
28-49	0.23	-1268 lbs	-1268 lbs	14-42	0.35	565 lbs	-356 lbs	4-5	0.25	-387 lbs	-387 lbs	29-31	0.07	258 lbs	-189 lbs
10-49	0.23	-1588 lbs	-1588 lbs	16-42	0.41	908 lbs	-562 lbs	5-36	0.44	-613 lbs	-613 lbs	28-29	0.42	-1090 lbs	-1090 lbs
10-50	0.18	-1581 lbs	-1581 lbs	16-18	0.41	1724 lbs	-1051 lbs	37-38	0.25	-1621 lbs	-1621 lbs	26-27	0.55	-1918 lbs	-1918 lbs
31-50	0.13	-1581 lbs	-1581 lbs	18-20	0.47	2342 lbs	-1415 lbs	39-40	0.04	-266 lbs	-266 lbs	13-37	0.11	1471 lbs	-757 lbs
31-33	0.14	-1617 lbs	-1617 lbs	20-46	0.47	2599 lbs	-1564 lbs	6-11	0.00	28 lbs	-5 lbs	12-40	0.03	549 lbs	-190 lbs
33-35	0.15	-1675 lbs	-1675 lbs	46-48	0.37	2599 lbs	-1564 lbs	41-42	0.23	-1531 lbs	-1531 lbs				
35-36	0.30	-1675 lbs	-1675 lbs	3-48	0.42	2599 lbs	-1564 lbs	43-44	0.05	-346 lbs	-346 lbs				
36-38	0.25	-1546 lbs	-1546 lbs					45-46	0.21	-1394 lbs	-1394 lbs				
13-38	0.25	-1230 lbs	-1230 lbs					47-48	0.05	497 lbs	-333 lbs				
13-40	0.29	-724 lbs	-724 lbs					49-51	0.26	-2429 lbs	-2429 lbs				
11-40	0.05	-71 lbs	-71 lbs					50-51	0.26	-2429 lbs	-2429 lbs				

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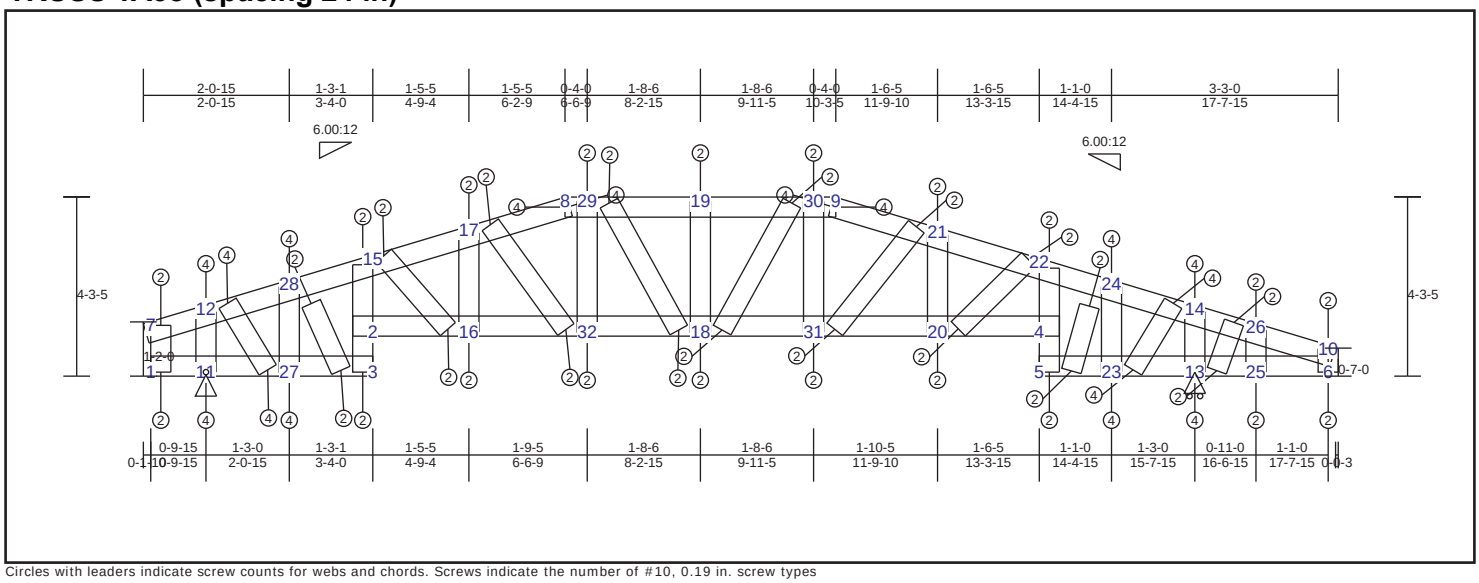
TRUSS TA38 (spacing 24 in)



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 :	0.23 (12 - 28)	TL(V): 0.04 in.	L / 999	(29-19)	L / 360
BC :	0.21 (11 - 27)	LL(V): 0.02 in.	L / 999	(29-19)	L / 360
Web :	0.34 (2 - 15)	DL(V): 0.02 in.	L / 999	(29-19)	L / 0
		Cant / OH TL: 0.02 in.	2L / 447	(28-15)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 447	(28-15)	2L / 360
		Horiz TL: 0.02 in.		10	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(29-19)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(28-15)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	Pin		-80 lbs	940 lbs	0 lbs	-350 lbs	-80 lbs
13	HRoll		0 lbs	1100 lbs	0 lbs	-380 lbs	0 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
4-3-5	17-11-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
8-29	0.13	-949 lbs	-949 lbs	2-16	0.18	973 lbs	-508 lbs
19-29	0.14	-985 lbs	-985 lbs	16-32	0.16	973 lbs	-508 lbs
19-30	0.15	-985 lbs	-985 lbs	18-32	0.15	939 lbs	-448 lbs
9-30	0.13	-933 lbs	-933 lbs	18-31	0.14	939 lbs	-448 lbs
9-21	0.09	-1072 lbs	-1072 lbs	20-31	0.14	936 lbs	-433 lbs
21-22	0.19	-1072 lbs	-1072 lbs	4-20	0.13	936 lbs	-433 lbs
22-24	0.16	-1023 lbs	-1023 lbs	1-11	0.06	84 lbs	-14 lbs
14-24	0.18	-851 lbs	-851 lbs	11-27	0.21	424 lbs	-243 lbs
14-26	0.21	-497 lbs	-497 lbs	3-27	0.21	596 lbs	-332 lbs
10-26	0.04	50 lbs	-20 lbs	5-23	0.17	510 lbs	-238 lbs
7-12	0.20	-481 lbs	-481 lbs	13-23	0.19	405 lbs	-182 lbs
12-28	0.23	-873 lbs	-873 lbs	13-25	0.07	57 lbs	-8 lbs
15-28	0.16	-1102 lbs	-1102 lbs	6-25	0.03	0 lbs	0 lbs
15-17	0.18	-1102 lbs	-1102 lbs				
8-17	0.10	-1082 lbs	-1082 lbs				

Web			
13-14	0.19	-1297 lbs	-1297 lbs
11-12	0.19	-1272 lbs	-1272 lbs
2-3	0.20	-249 lbs	-249 lbs
2-15	0.34	-408 lbs	-408 lbs
16-17	0.01	-79 lbs	-79 lbs
18-19	0.11	-394 lbs	-394 lbs
20-21	0.03	-189 lbs	-189 lbs
23-24	0.18	-1165 lbs	-1165 lbs
25-26	0.02	-137 lbs	-137 lbs
6-10	0.00	32 lbs	-11 lbs
27-28	0.20	-1313 lbs	-1313 lbs
4-5	0.17	-272 lbs	-272 lbs
4-22	0.30	-374 lbs	-374 lbs
30-31	0.05	254 lbs	-195 lbs
29-32	0.07	309 lbs	-239 lbs
1-7	0.01	114 lbs	-47 lbs
15-16	0.01	279 lbs	-85 lbs
20-22	0.02	331 lbs	-142 lbs
5-24	0.05	633 lbs	-340 lbs
12-27	0.10	1267 lbs	-690 lbs
3-28	0.05	666 lbs	-346 lbs
13-26	0.01	271 lbs	-37 lbs
14-23	0.08	1024 lbs	-511 lbs
18-30	0.04	167 lbs	-143 lbs
21-31	0.03	137 lbs	-113 lbs

Web			
18-29	0.03	116 lbs	-97 lbs
17-32	0.04	-177 lbs	-177 lbs

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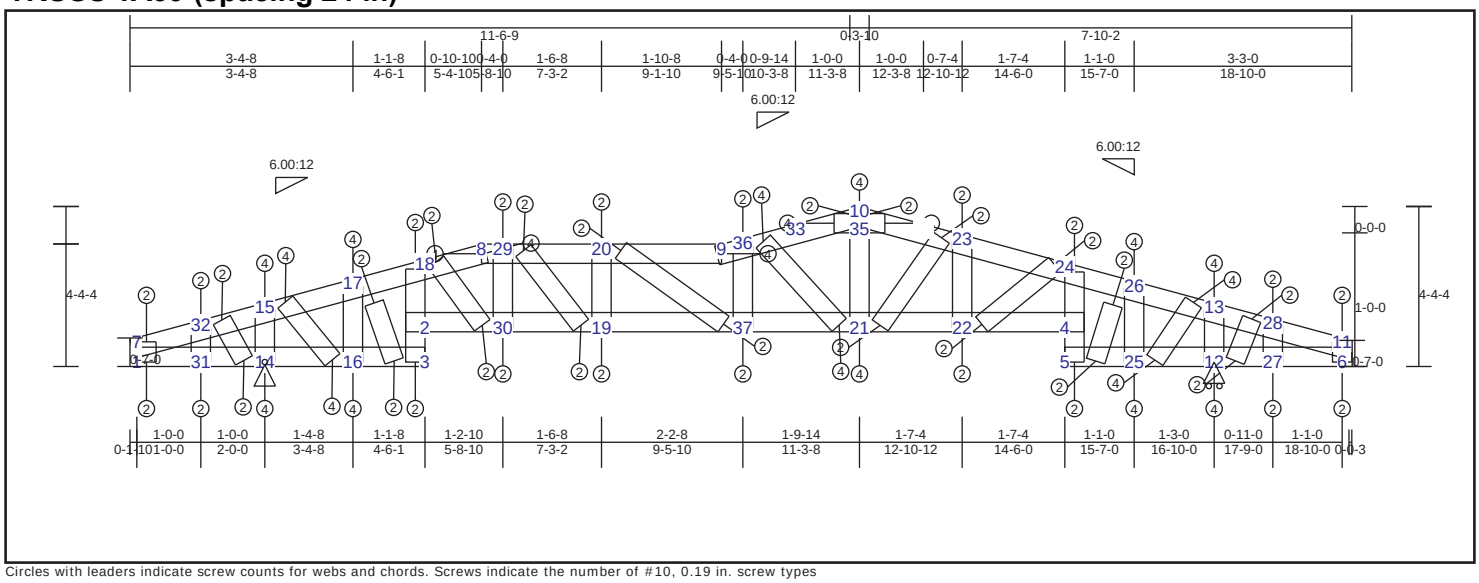
TRUSS TA39 (spacing 24 in)



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 :	0.34 (36 - 33)	TL(V): 0.07 in.	L / 622	(20-9)	L / 360
BC :	0.30 (19 - 37)	LL(V): 0.04 in.	L / 999	(20-9)	L / 360
Web :	0.30 (2 - 18)	DL(V): 0.03 in.	L / 999	(20-9)	L / 0
		Cant / OH TL: 0.02 in.	2L / 0	(17-18)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 0	(17-18)	2L / 360
		Horiz TL: 0.02 in.		6	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(20-9)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 0	(17-18)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
12	HRoll		0 lbs	1090 lbs	0 lbs	-370 lbs	0 lbs
14	Pin		-50 lbs	1080 lbs	0 lbs	-400 lbs	-50 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
4-4-4	19-1-7

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
9-36	0.23	-1263 lbs	-1263 lbs	2-30	0.17	995 lbs	-535 lbs
33-36	0.34	-1263 lbs	-1263 lbs	19-30	0.24	1285 lbs	-702 lbs
10-33	0.22	-1255 lbs	-1255 lbs	19-37	0.30	1361 lbs	-725 lbs
8-29	0.11	-1029 lbs	-1029 lbs	21-37	0.25	1361 lbs	-725 lbs
20-29	0.20	-1319 lbs	-1319 lbs	21-22	0.23	931 lbs	-428 lbs
9-20	0.14	-1395 lbs	-1395 lbs	4-22	0.14	931 lbs	-428 lbs
7-32	0.03	45 lbs	-6 lbs	5-25	0.17	497 lbs	-229 lbs
15-32	0.20	-459 lbs	-459 lbs	12-25	0.19	396 lbs	-175 lbs
15-17	0.17	-830 lbs	-830 lbs	12-27	0.07	54 lbs	-6 lbs
17-18	0.19	-1055 lbs	-1055 lbs	6-27	0.03	0 lbs	0 lbs
8-18	0.23	-1055 lbs	-1055 lbs	1-31	0.02	0 lbs	0 lbs
10-34	0.11	-1117 lbs	-1117 lbs	14-31	0.06	88 lbs	-42 lbs
23-34	0.09	-1126 lbs	-1126 lbs	14-16	0.17	418 lbs	-236 lbs
23-24	0.19	-1126 lbs	-1126 lbs	3-16	0.16	516 lbs	-285 lbs
24-26	0.16	-994 lbs	-994 lbs				
13-26	0.18	-833 lbs	-833 lbs				
13-28	0.21	-487 lbs	-487 lbs				
11-28	0.04	50 lbs	-18 lbs				

Web			
14-15	0.17	-1178 lbs	-1178 lbs
12-13	0.19	-1273 lbs	-1273 lbs
1-7	0.00	40 lbs	-21 lbs
16-17	0.16	-1043 lbs	-1043 lbs
19-20	0.08	-517 lbs	-517 lbs
22-23	0.06	-353 lbs	-353 lbs
25-26	0.17	-1142 lbs	-1142 lbs
27-28	0.02	-132 lbs	-132 lbs
6-11	0.00	32 lbs	-12 lbs
29-30	0.08	-500 lbs	-500 lbs
31-32	0.01	-81 lbs	-81 lbs
2-3	0.17	-214 lbs	-214 lbs
2-18	0.30	-482 lbs	-482 lbs
4-5	0.17	-260 lbs	-260 lbs
4-24	0.29	-344 lbs	-344 lbs
36-37	0.02	-125 lbs	-125 lbs
33-35	0.18	-894 lbs	-894 lbs
34-35	0.18	-894 lbs	-894 lbs
21-35	0.21	1223 lbs	-786 lbs
3-17	0.04	531 lbs	-269 lbs
21-23	0.01	94 lbs	-44 lbs
22-24	0.02	336 lbs	-148 lbs
5-26	0.05	612 lbs	-327 lbs
19-29	0.07	753 lbs	-434 lbs
18-30	0.06	719 lbs	-369 lbs

Web			
15-16	0.07	920 lbs	-479 lbs
12-28	0.01	259 lbs	-28 lbs
13-25	0.07	1004 lbs	-497 lbs
21-36	0.22	-1007 lbs	-1007 lbs
20-37	0.02	125 lbs	-93 lbs
14-32	0.01	176 lbs	0 lbs

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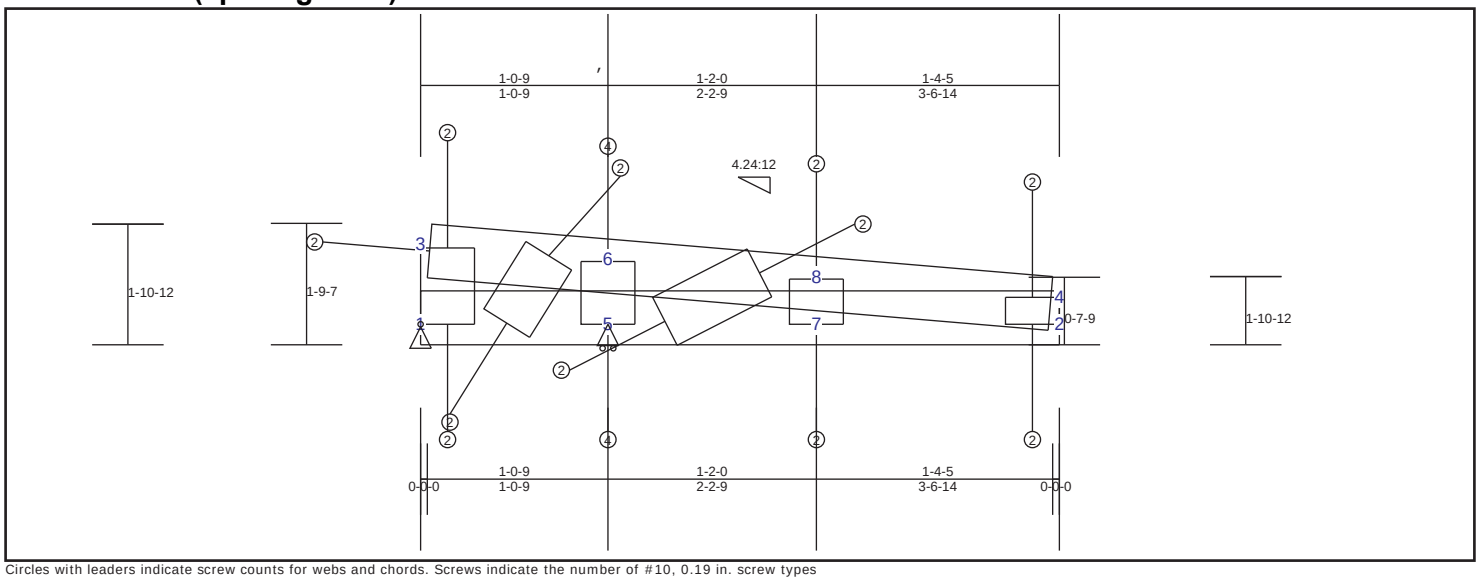
TRUSS TA40 (spacing 24 in)



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): 0.03 in.	L / 999	(7-2)	L / 360
BC :	0.27 (1 - 5)	LL(V): 0.01 in.	L / 999	(7-2)	L / 360
Web :	0.17 (5 - 6)	DL(V): 0.01 in.	L / 999	(7-2)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(7-2)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(7-2)	2L / 360
		Horiz TL: 0.01 in.		3	
		Web :			
		Snow/Wind -0.01 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-90 lbs	720 lbs	0 lbs	-20 lbs	-90 lbs
3	NA		-90 lbs	-330 lbs	-310 lbs	-330 lbs	-90 lbs
5	HRoll		0 lbs	720 lbs	0 lbs	-210 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
1-10-5	3-6-14

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.27	-80 lbs	-80 lbs	1-5	0.27	97 lbs	-59 lbs	1-3	0.00	-6 lbs	-6 lbs
6-8	0.30	81 lbs	-80 lbs	5-7	0.23	97 lbs	-59 lbs	5-6	0.17	-483 lbs	-483 lbs
4-8	0.11	45 lbs	-10 lbs	2-7	0.08	0 lbs	0 lbs	7-8	0.02	-69 lbs	-69 lbs
								2-4	0.01	39 lbs	-35 lbs
								1-6	0.04	298 lbs	-69 lbs
								5-8	0.05	230 lbs	-139 lbs

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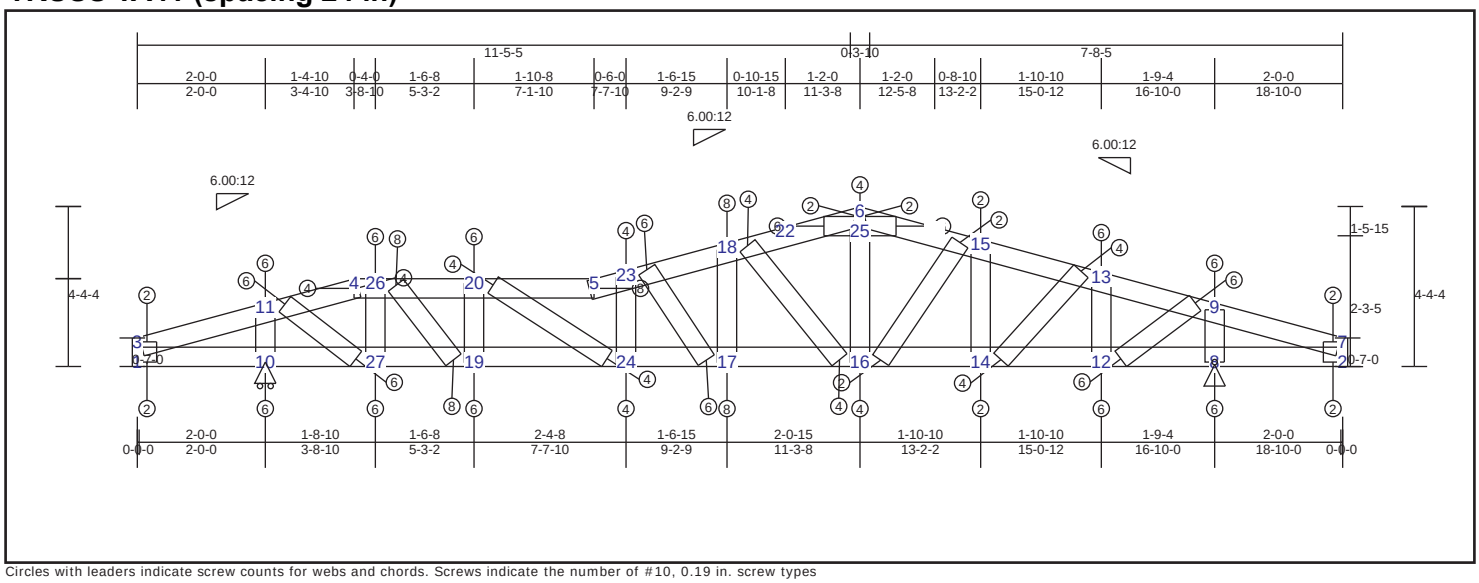
TAYNR.com

TRUSS TA41 (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 :	0.89 (23 - 18)	TL(V): 0.11 in.	L / 510	(5-23)	L / 360
BC :	0.69 (24 - 17)	LL(V): 0.06 in.	L / 901	(5-23)	L / 360
Web :	0.44 (18 - 16)	DL(V): 0.05 in.	L / 957	(20-5)	L / 0
		Cant / OH TL: -0.01 in.	2L / 382	3	2L / 360
		Cant / OH LL: -0.01 in.	2L / 382	3	2L / 360
		Horiz TL: -0.01 in.		6	
		Web :			
		Snow/Wind -0.07 in.	L / 832	(5-23)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
8	Pin		50 lbs	1070 lbs	0 lbs	-320 lbs	50 lbs
10	HRoll		50 lbs	1070 lbs	0 lbs	-320 lbs	50 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
4-4-4	18-10-0

Load Summary

1)This Truss has been designed in accordance with LR 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.55	-401 lbs	-401 lbs	1-10	0.09	0 lbs	0 lbs	1-3	0.01	35 lbs	-18 lbs
4-11	0.51	-509 lbs	-509 lbs	10-27	0.43	470 lbs	-231 lbs	10-11	0.38	-1050 lbs	-1050 lbs
4-26	0.56	-491 lbs	-491 lbs	19-27	0.68	982 lbs	-541 lbs	26-27	0.31	-837 lbs	-837 lbs
20-26	0.69	-1003 lbs	-1003 lbs	19-24	0.66	1273 lbs	-697 lbs	19-20	0.36	-973 lbs	-973 lbs
5-20	0.45	-1294 lbs	-1294 lbs	17-24	0.69	1273 lbs	-697 lbs	23-24	0.14	-385 lbs	-385 lbs
5-23	0.71	-1288 lbs	-1288 lbs	16-17	0.69	968 lbs	-481 lbs	17-18	0.39	1168 lbs	-788 lbs
18-23	0.89	-1383 lbs	-1383 lbs	14-16	0.32	686 lbs	-324 lbs	14-15	0.14	-269 lbs	-269 lbs
18-22	0.43	-838 lbs	-838 lbs	12-14	0.44	653 lbs	-324 lbs	12-13	0.26	-715 lbs	-715 lbs
6-22	0.21	-838 lbs	-838 lbs	8-12	0.44	494 lbs	-271 lbs	8-9	0.38	-1056 lbs	-1056 lbs
6-21	0.18	-810 lbs	-810 lbs	2-8	0.09	-54 lbs	-54 lbs	2-7	0.00	34 lbs	-9 lbs
15-21	0.20	-833 lbs	-833 lbs					22-25	0.31	-787 lbs	-787 lbs
13-15	0.28	-833 lbs	-833 lbs					21-25	0.31	-787 lbs	-787 lbs
9-13	0.51	-788 lbs	-788 lbs					16-25	0.24	476 lbs	-348 lbs
7-9	0.55	-400 lbs	-400 lbs					11-27	0.15	818 lbs	-402 lbs
								19-26	0.30	1327 lbs	-804 lbs
								20-24	0.10	453 lbs	-248 lbs
								17-23	0.35	-907 lbs	-907 lbs
								16-18	0.44	-705 lbs	-705 lbs
								15-16	0.02	113 lbs	-39 lbs
								13-14	0.06	363 lbs	-163 lbs
								9-12	0.15	843 lbs	-417 lbs

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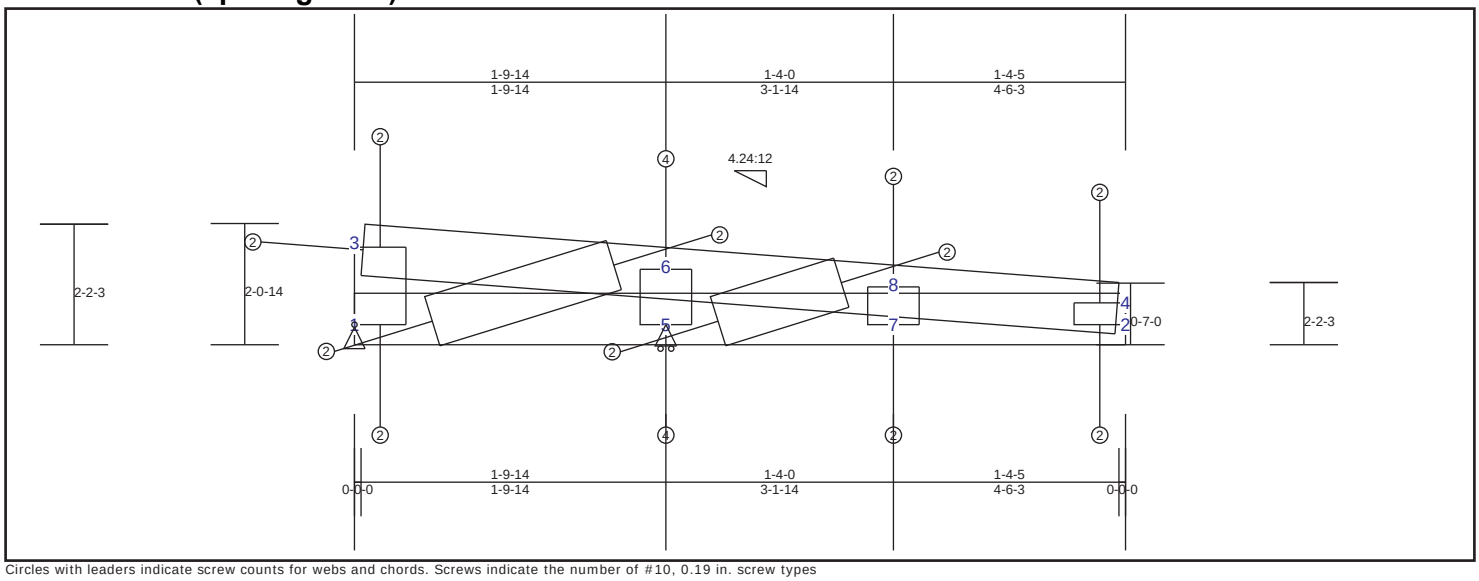
TRUSS TA42 (spacing 24 in)



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 :	0.27 (6 - 8)	TL(V): 0.01 in.	L / 999	4	L / 360
BC :	0.18 (1 - 5)	LL(V): 0.01 in.	L / 999	4	L / 360
Web :	0.15 (5 - 6)	DL(V): 0 in.	L / 999	(3-6)	L / 0
		Cant / OH TL: 0.01 in.	2L / 407	4	2L / 360
		Cant / OH LL: 0.01 in.	2L / 407	4	2L / 360
		Horiz TL: 0 in.		3	
		Web :			
		Snow/Wind -0.01 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-110 lbs	630 lbs	0 lbs	-20 lbs	-110 lbs
5	HRoll		0 lbs	630 lbs	0 lbs	-190 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
2-1-12	4-6-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.26	73 lbs	-43 lbs	1-5	0.18	-191 lbs	-191 lbs	1-3	0.03	-86 lbs	-86 lbs
6-8	0.27	200 lbs	-96 lbs	5-7	0.16	-191 lbs	-191 lbs	5-6	0.15	-413 lbs	-413 lbs
4-8	0.16	84 lbs	-22 lbs	2-7	0.12	0 lbs	0 lbs	7-8	0.04	161 lbs	-111 lbs
								2-4	0.02	-54 lbs	-54 lbs
								1-6	0.04	297 lbs	-85 lbs
								5-8	0.12	-333 lbs	-333 lbs

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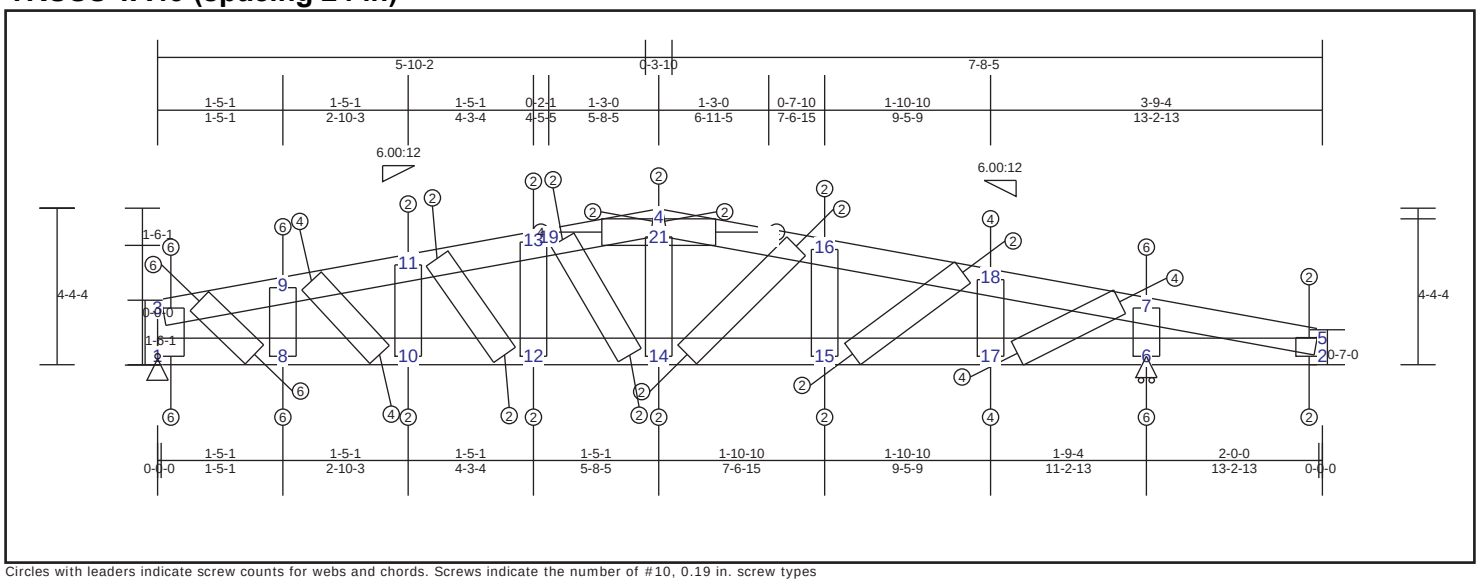
TRUSS TA43 (spacing 24 in)



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 (3 - 9)	TL(V): 0.01 in.	L / 999	(10-12)	L / 360
BC :	0.53 (1 - 8)	LL(V): 0.01 in.	L / 999	(10-12)	L / 360
Web :	0.34 (8 - 9)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-110 lbs	900 lbs	0 lbs	-170 lbs	-110 lbs
6	HRoll		0 lbs	900 lbs	0 lbs	-240 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
4-4-4	13-2-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 4.00:12, 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.53	-593 lbs	-593 lbs	1-8	0.53	313 lbs	-158 lbs	1-3	0.27	-743 lbs	-743 lbs
9-11	0.28	-593 lbs	-593 lbs	8-10	0.53	449 lbs	-207 lbs	8-9	0.34	-918 lbs	-918 lbs
11-13	0.17	-575 lbs	-575 lbs	10-12	0.15	449 lbs	-207 lbs	10-11	0.08	-213 lbs	-213 lbs
13-19	0.14	-499 lbs	-499 lbs	12-14	0.11	440 lbs	-179 lbs	12-13	0.06	-106 lbs	-106 lbs
4-19	0.13	-507 lbs	-507 lbs	14-15	0.11	432 lbs	-159 lbs	15-16	0.06	-115 lbs	-115 lbs
4-20	0.14	-526 lbs	-526 lbs	15-17	0.31	432 lbs	-159 lbs	17-18	0.19	-506 lbs	-506 lbs
16-20	0.11	-536 lbs	-536 lbs	6-17	0.31	340 lbs	-131 lbs	6-7	0.30	-834 lbs	-834 lbs
16-18	0.19	-558 lbs	-558 lbs	2-6	0.10	0 lbs	0 lbs	2-5	0.01	34 lbs	-21 lbs
7-18	0.39	-558 lbs	-558 lbs					19-21	0.16	-512 lbs	-512 lbs
5-7	0.43	-306 lbs	-306 lbs					20-21	0.16	-512 lbs	-512 lbs
								14-21	0.09	169 lbs	-127 lbs
								3-8	0.16	925 lbs	-434 lbs
								9-10	0.07	428 lbs	-186 lbs
								11-12	0.02	112 lbs	-48 lbs
								13-14	0.05	110 lbs	-79 lbs
								14-16	0.02	94 lbs	-32 lbs
								15-18	0.03	209 lbs	-64 lbs
								7-17	0.08	581 lbs	-223 lbs

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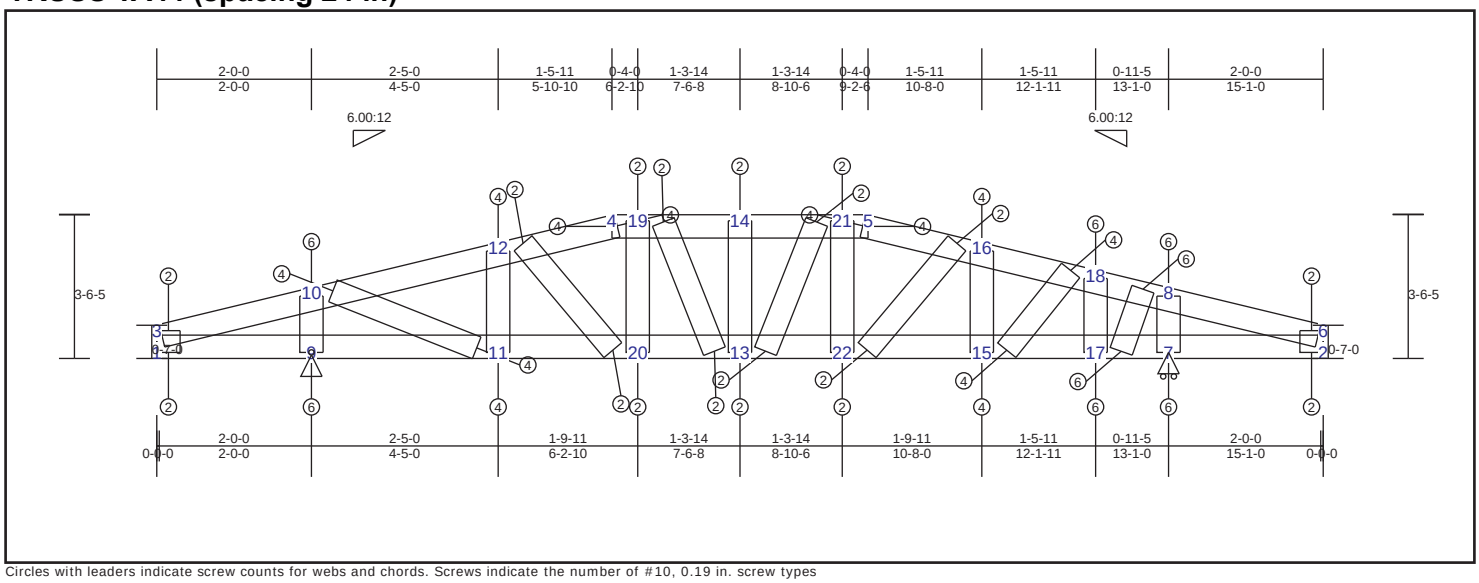
TRUSS TA44 (spacing 24 in)



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 (8 - 6)	TL(V): 0.01 in.	L / 999	(14-21)	L / 360
BC :	0.50 (15 - 17)	LL(V): 0.01 in.	L / 999	(14-21)	L / 360
Web :	0.33 (17 - 18)	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.		6	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	HRoll		-40 lbs	860 lbs	0 lbs	-260 lbs	-40 lbs
9	Pin		-40 lbs	860 lbs	0 lbs	-260 lbs	-40 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
3-6-5	15-1-0

Load Summary

1)This Truss has been designed in accordance with LRFD 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

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	-276 lbs	-276 lbs	1-9	0.09	-43 lbs	-43 lbs	1-3	0.01	33 lbs	-18 lbs
10-12	0.37	-536 lbs	-536 lbs	9-11	0.22	367 lbs	-193 lbs	9-10	0.28	-769 lbs	-769 lbs
4-12	0.14	-536 lbs	-536 lbs	11-20	0.22	415 lbs	-199 lbs	11-12	0.13	-357 lbs	-357 lbs
4-19	0.14	-451 lbs	-451 lbs	13-20	0.14	430 lbs	-202 lbs	19-20	0.04	-67 lbs	-67 lbs
14-19	0.18	-466 lbs	-466 lbs	13-22	0.14	430 lbs	-202 lbs	13-14	0.11	-206 lbs	-206 lbs
14-21	0.17	-466 lbs	-466 lbs	15-22	0.28	415 lbs	-187 lbs	21-22	0.03	-65 lbs	-65 lbs
5-21	0.13	-451 lbs	-451 lbs	15-17	0.50	357 lbs	-164 lbs	15-16	0.17	-456 lbs	-456 lbs
5-16	0.16	-531 lbs	-531 lbs	7-17	0.50	127 lbs	-57 lbs	17-18	0.33	-896 lbs	-896 lbs
16-18	0.40	-531 lbs	-531 lbs	2-7	0.12	0 lbs	0 lbs	7-8	0.29	-815 lbs	-815 lbs
8-18	0.38	-444 lbs	-444 lbs					2-6	0.01	41 lbs	-29 lbs
6-8	0.42	-301 lbs	-301 lbs					10-11	0.07	474 lbs	-194 lbs
								12-20	0.02	130 lbs	-36 lbs
								13-19	0.04	77 lbs	-65 lbs
								13-21	0.04	78 lbs	-77 lbs
								16-22	0.03	154 lbs	-63 lbs
								15-18	0.11	638 lbs	-296 lbs
								8-17	0.12	760 lbs	-341 lbs

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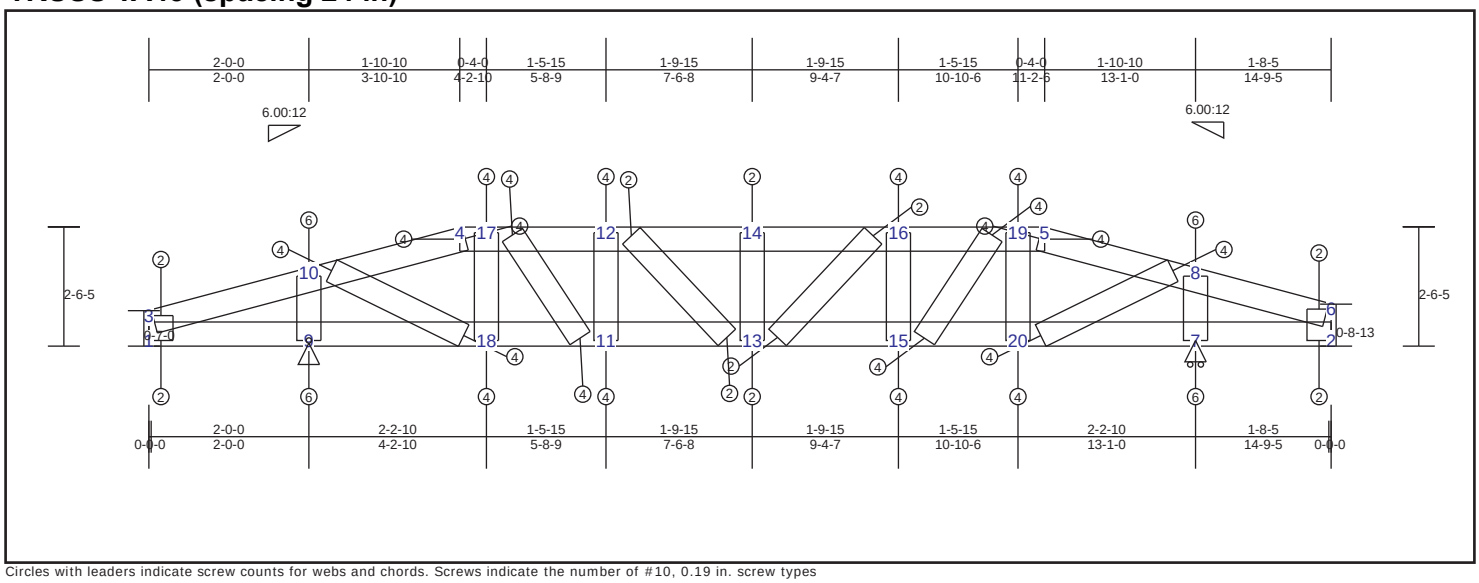
TRUSS TA45 (spacing 24 in)



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 - 10)	TL(V): 0.02 in.	L / 999	(12-14)	L / 360
BC :	0.33 (18 - 11)	LL(V): 0.01 in.	L / 999	(12-14)	L / 360
Web :	0.28 (9 - 10)	DL(V): 0.01 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.		3	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(12-14)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	HRoll		20 lbs	860 lbs	0 lbs	-270 lbs	20 lbs
9	Pin		20 lbs	860 lbs	0 lbs	-270 lbs	20 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
2-6-5	14-9-5

Load Summary

1)This Truss has been designed in accordance with LRFD 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-17	0.30	-384 lbs	-384 lbs	1-9	0.10	-37 lbs	-37 lbs	1-3	0.01	34 lbs	-21 lbs
12-17	0.36	-583 lbs	-583 lbs	9-18	0.22	362 lbs	-205 lbs	9-10	0.28	-782 lbs	-782 lbs
12-14	0.20	-692 lbs	-692 lbs	11-18	0.33	561 lbs	-331 lbs	17-18	0.15	-399 lbs	-399 lbs
14-16	0.20	-692 lbs	-692 lbs	11-13	0.33	670 lbs	-398 lbs	11-12	0.20	-529 lbs	-529 lbs
16-19	0.35	-593 lbs	-593 lbs	13-15	0.32	670 lbs	-398 lbs	13-14	0.08	-227 lbs	-227 lbs
5-19	0.29	-404 lbs	-404 lbs	15-20	0.32	571 lbs	-331 lbs	15-16	0.18	-500 lbs	-500 lbs
3-10	0.41	-283 lbs	-283 lbs	7-20	0.22	382 lbs	-207 lbs	19-20	0.14	-392 lbs	-392 lbs
4-10	0.37	-444 lbs	-444 lbs	2-7	0.05	0 lbs	0 lbs	7-8	0.28	-776 lbs	-776 lbs
5-8	0.36	-457 lbs	-457 lbs					2-6	0.00	28 lbs	-7 lbs
6-8	0.39	-286 lbs	-286 lbs					10-18	0.08	490 lbs	-228 lbs
								11-17	0.14	601 lbs	-383 lbs
								12-13	0.06	244 lbs	-149 lbs
								13-16	0.06	222 lbs	-149 lbs
								15-19	0.14	571 lbs	-377 lbs
								8-20	0.10	519 lbs	-281 lbs

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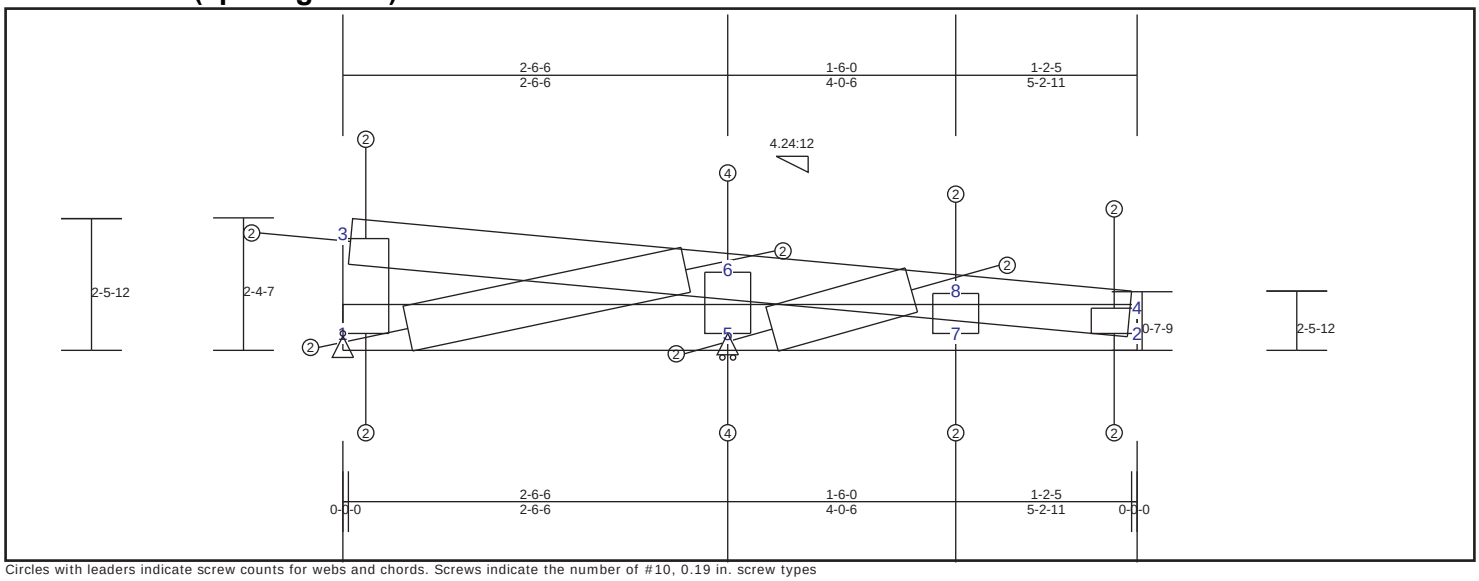
TRUSS TA46 (spacing 24 in)



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 (6 - 8)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.13 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.15 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	600 lbs	0 lbs	-50 lbs	-130 lbs
3	NA		-130 lbs	-60 lbs	-50 lbs	-60 lbs	-130 lbs
5	HRoll		0 lbs	600 lbs	0 lbs	-180 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
2-5-5	5-2-11

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.22	99 lbs	-49 lbs	1-5	0.13	-203 lbs	-203 lbs	1-3	0.04	-103 lbs	-103 lbs
6-8	0.25	225 lbs	-112 lbs	5-7	0.13	-203 lbs	-203 lbs	5-6	0.15	-407 lbs	-407 lbs
4-8	0.13	74 lbs	-17 lbs	2-7	0.10	0 lbs	0 lbs	7-8	0.03	146 lbs	-95 lbs
								2-4	0.02	-55 lbs	-55 lbs
								1-6	0.03	232 lbs	-43 lbs
								5-8	0.11	-297 lbs	-297 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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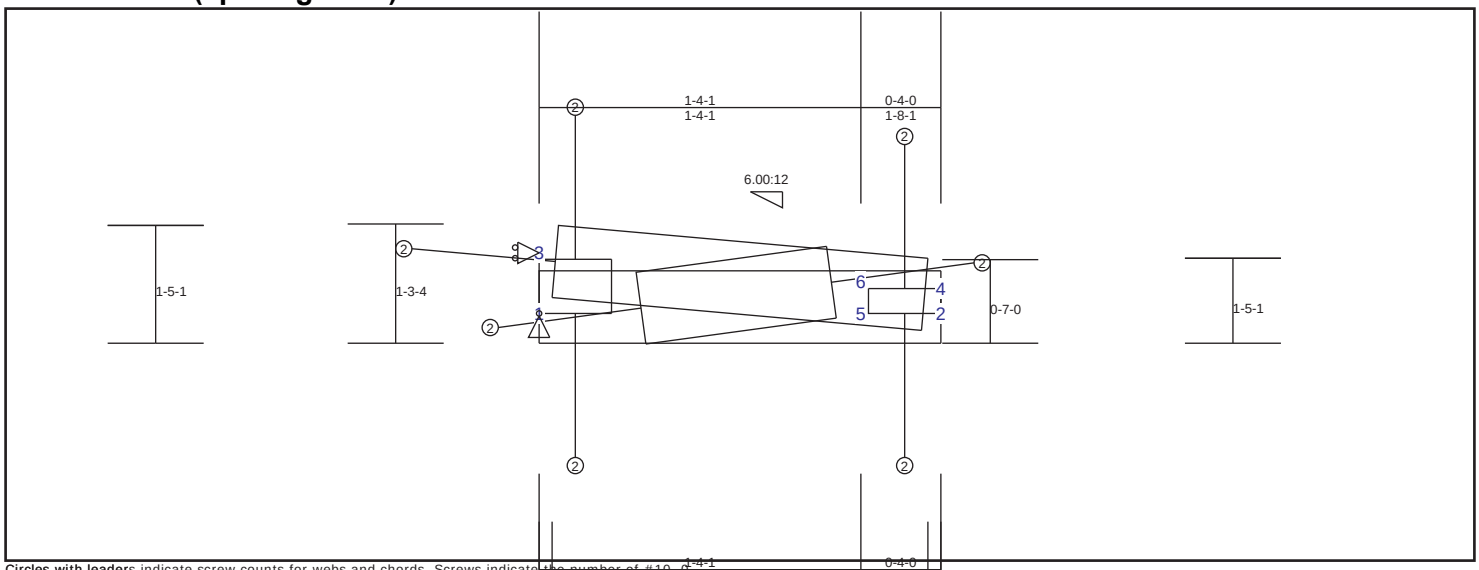
TRUSS TA47 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0 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 :	0.06 (3 - 6)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.09 (1 - 2)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.06 (1 - 6)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-6)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		130 lbs	170 lbs	0 lbs	-70 lbs	130 lbs
3	VRoll		-120 lbs	0 lbs	0 lbs	0 lbs	-120 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
1-4-4	1-8-1

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.06	145 lbs	-64 lbs	1-2	0.09	-129 lbs	-129 lbs	1-3	0.03	-84 lbs	-84 lbs
4-6	0.05	35 lbs	-8 lbs					2-4	0.01	34 lbs	-17 lbs
								1-6	0.06	-163 lbs	-163 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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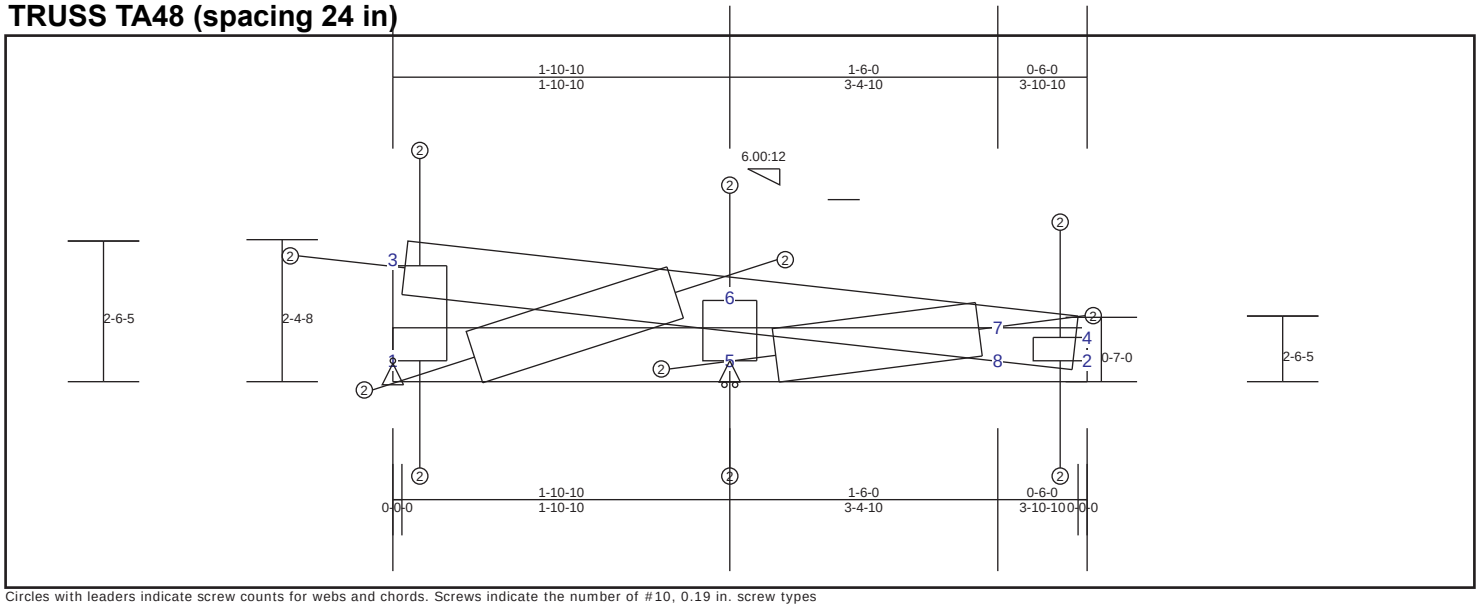
TRUSS TA48 (spacing 24 in)



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 :	0.17 (6 - 7)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.09 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.12 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	440 lbs	0 lbs	-80 lbs	-130 lbs
5	HRoll		0 lbs	440 lbs	0 lbs	-90 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
2-5-8	3-10-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.15	-34 lbs	-34 lbs	1-5	0.09	134 lbs	-98 lbs	2-4	0.00	11 lbs	-3 lbs
6-7	0.17	141 lbs	-70 lbs	2-5	0.07	110 lbs	-98 lbs	5-6	0.12	-343 lbs	-343 lbs
4-7	0.04	28 lbs	0 lbs					1-3	0.03	-79 lbs	-79 lbs
								5-7	0.04	127 lbs	-113 lbs
								1-6	0.02	161 lbs	-15 lbs

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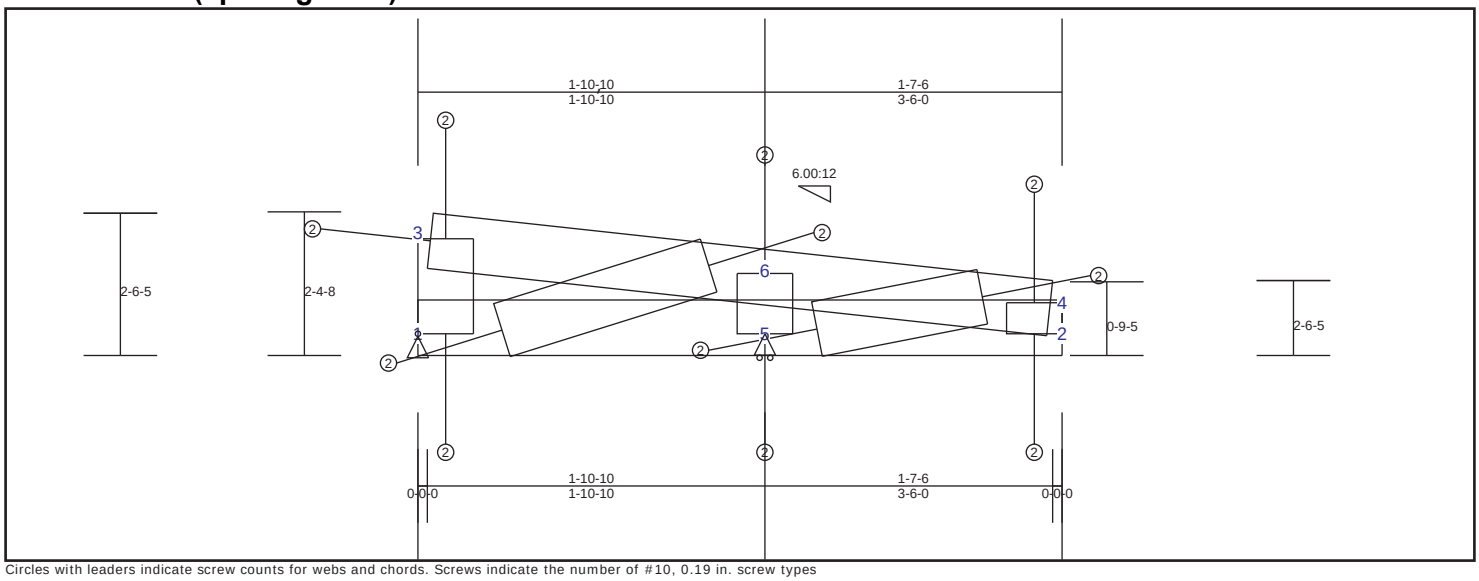
TRUSS TA49 (spacing 24 in)



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 (6 - 4)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.06 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.09 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	350 lbs	0 lbs	-50 lbs	0 lbs
3	NA		-120 lbs	-90 lbs	-40 lbs	-90 lbs	-120 lbs
5	HRoll		0 lbs	350 lbs	0 lbs	-50 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
2-5-8	3-6-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.10	-35 lbs	-35 lbs	1-5	0.06	121 lbs	-56 lbs	5-6	0.09	-260 lbs	-260 lbs
4-6	0.12	91 lbs	-38 lbs	2-5	0.06	73 lbs	-56 lbs	1-3	0.03	-73 lbs	-73 lbs
								2-4	0.00	9 lbs	-4 lbs
								1-6	0.02	126 lbs	-28 lbs
								4-5	0.03	98 lbs	-75 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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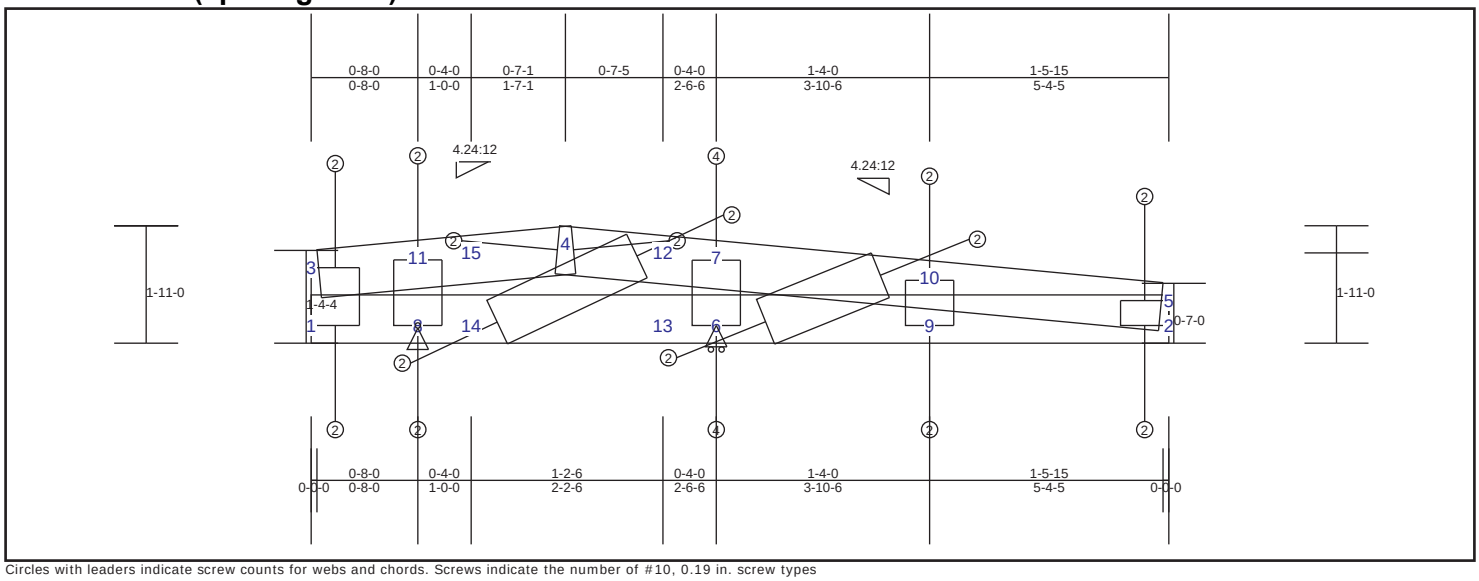
TRUSS TA50 (spacing 24 in)



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 (7 - 10)	TL(V): 0.03 in.	L / 999	(9-2)	L / 360
BC :	0.20 (14 - 6)	LL(V): 0.02 in.	L / 999	(9-2)	L / 360
Web :	0.15 (6 - 7)	DL(V): 0.01 in.	L / 999	(9-2)	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(9-2)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(9-2)	2L / 360
		Horiz TL: 0 in.		7	
		Web :			
		Snow/Wind -0.02 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		-60 lbs	650 lbs	0 lbs	-20 lbs	-60 lbs
8	Pin		-60 lbs	650 lbs	0 lbs	-20 lbs	-60 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
1-11-0	5-4-5

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.16	61 lbs	-50 lbs	1-8	0.19	64 lbs	-19 lbs	1-3	0.02	127 lbs	-66 lbs
4-11	0.12	-50 lbs	-50 lbs	8-14	0.19	64 lbs	-19 lbs	8-11	0.12	-333 lbs	-333 lbs
4-12	0.20	53 lbs	-9 lbs	6-14	0.20	-160 lbs	-160 lbs	6-7	0.15	-429 lbs	-429 lbs
7-12	0.28	53 lbs	-9 lbs	6-9	0.18	-160 lbs	-160 lbs	9-10	0.04	146 lbs	-105 lbs
7-10	0.30	180 lbs	-83 lbs	2-9	0.12	0 lbs	0 lbs	2-5	0.02	-53 lbs	-53 lbs
5-10	0.16	83 lbs	-20 lbs					12-14	0.06	307 lbs	-164 lbs
								6-10	0.10	-291 lbs	-291 lbs

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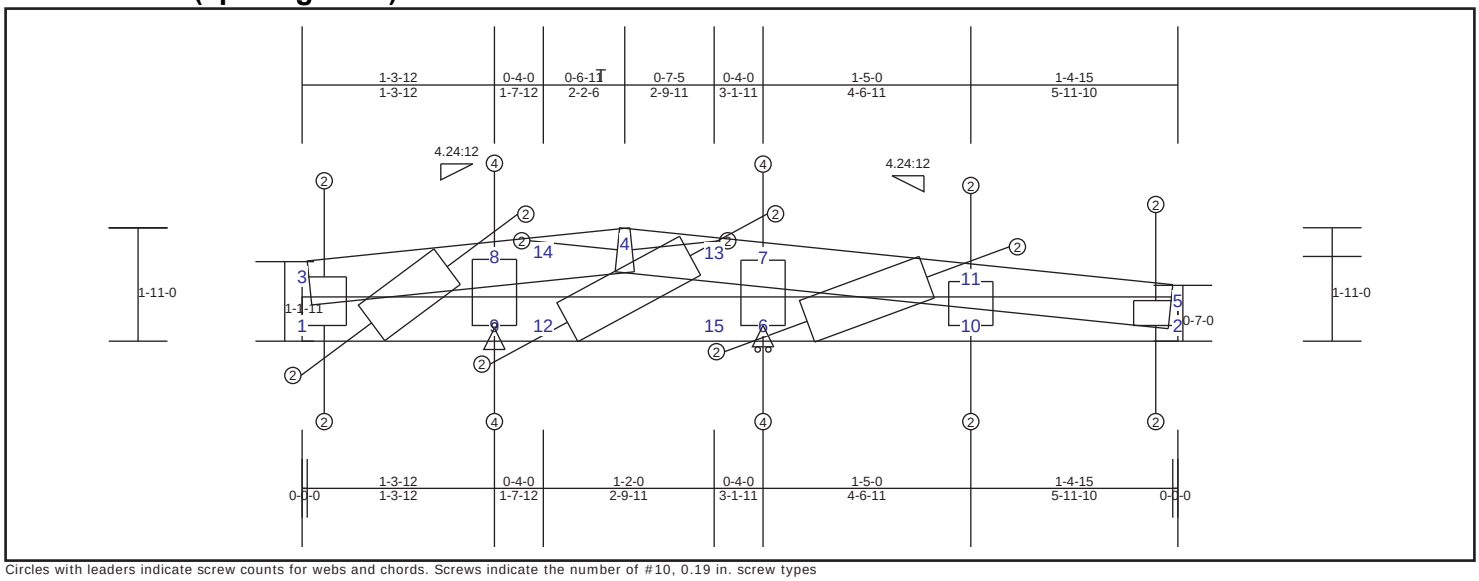
TRUSS TA51 (spacing 24 in)



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 (7 - 11)	TL(V): 0.02 in.	L / 999	(10-2)	L / 360
BC :	0.17 (12 - 6)	LL(V): 0.01 in.	L / 999	(10-2)	L / 360
Web :	0.13 (9 - 8)	DL(V): 0.01 in.	L / 999	5	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(10-2)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(10-2)	2L / 360
		Horiz TL: 0 in.		7	
		Web :			
		Snow/Wind -0.01 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		-50 lbs	610 lbs	0 lbs	-50 lbs	-50 lbs
8	NA		-50 lbs	60 lbs	0 lbs	-50 lbs	-50 lbs
9	Pin		-50 lbs	610 lbs	0 lbs	-50 lbs	-50 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
1-11-0	5-11-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.17	163 lbs	-78 lbs	1-9	0.16	104 lbs	-89 lbs	1-3	0.02	-67 lbs	-67 lbs
4-8	0.10	68 lbs	-4 lbs	9-12	0.16	104 lbs	-89 lbs	8-9	0.13	-366 lbs	-366 lbs
4-13	0.16	84 lbs	-25 lbs	6-12	0.17	-165 lbs	-165 lbs	6-7	0.13	-358 lbs	-358 lbs
7-13	0.24	84 lbs	-25 lbs	6-10	0.17	-165 lbs	-165 lbs	10-11	0.03	121 lbs	-85 lbs
7-11	0.26	189 lbs	-90 lbs	2-10	0.11	0 lbs	0 lbs	2-5	0.02	-51 lbs	-51 lbs
5-11	0.14	73 lbs	-14 lbs					1-8	0.05	227 lbs	-150 lbs
								12-13	0.03	161 lbs	-90 lbs
								6-11	0.10	-267 lbs	-267 lbs

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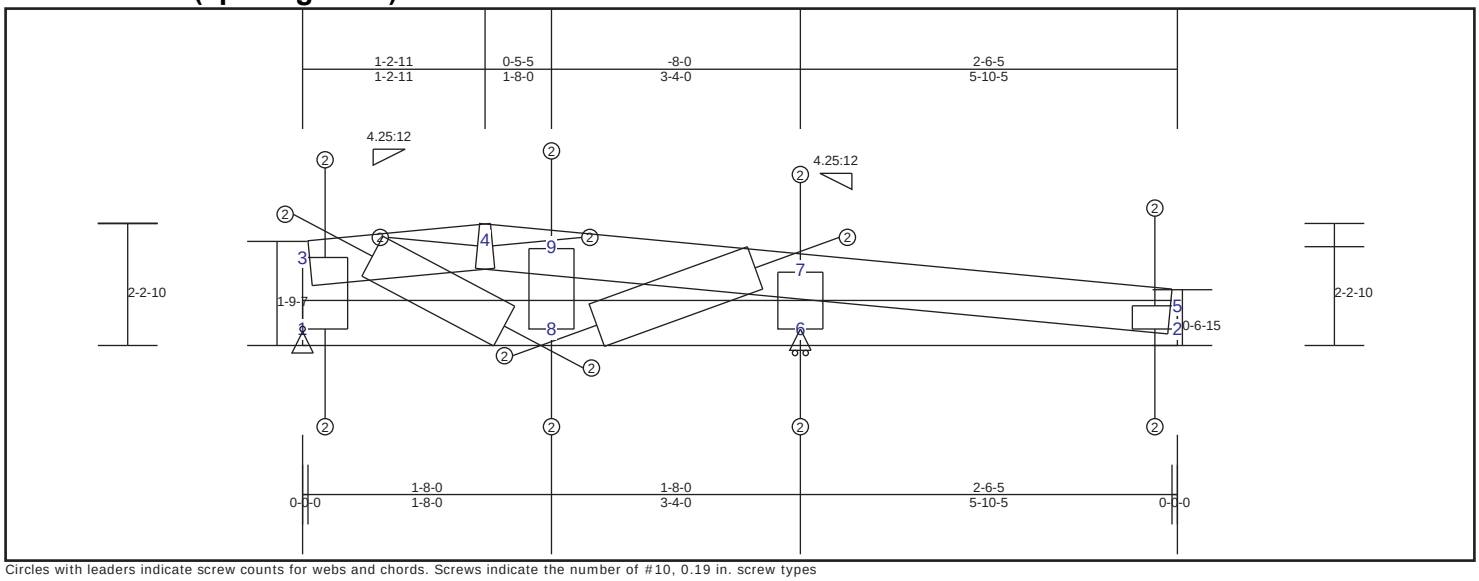
TRUSS TA52 (spacing 24 in)



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 :	0.28 (7 - 5)	TL(V): 0.04 in.	L / 999	5	L / 360
BC :	0.24 (8 - 6)	LL(V): 0.02 in.	L / 999	5	L / 360
Web :	0.12 (6 - 7)	DL(V): 0.02 in.	L / 999	5	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	5	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	5	2L / 360
		Horiz TL: -0.01 in.		5	
		Web :			
		Snow/Wind -0.03 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-90 lbs	570 lbs	0 lbs	-50 lbs	-90 lbs
3	NA		-90 lbs	90 lbs	0 lbs	-50 lbs	-90 lbs
6	HRoll		0 lbs	570 lbs	0 lbs	-200 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
2-2-10	5-10-5

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.04	37 lbs	-15 lbs	1-8	0.06	93 lbs	-29 lbs	1-3	0.02	72 lbs	-59 lbs
4-9	0.06	50 lbs	-28 lbs	6-8	0.24	80 lbs	-29 lbs	8-9	0.03	-71 lbs	-71 lbs
7-9	0.26	79 lbs	-61 lbs	2-6	0.24	0 lbs	0 lbs	6-7	0.12	-344 lbs	-344 lbs
5-7	0.28	79 lbs	-61 lbs					2-5	0.02	-52 lbs	-52 lbs
								3-8	0.01	-38 lbs	-38 lbs
								7-8	0.02	135 lbs	-49 lbs

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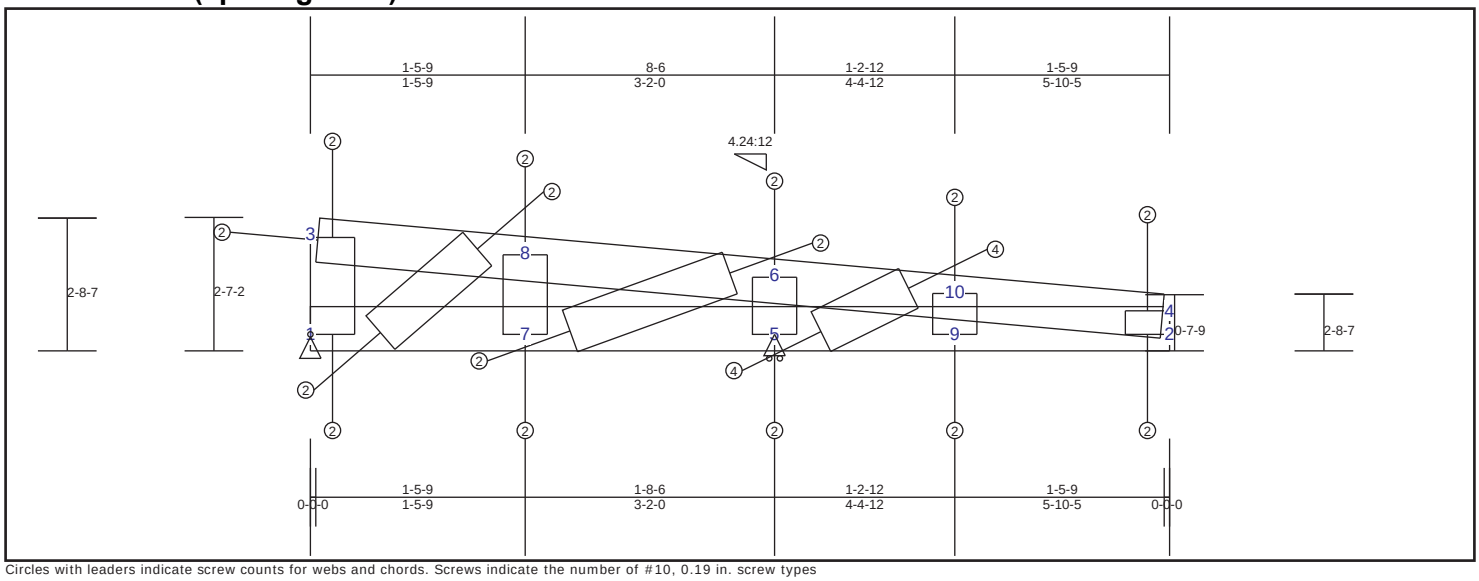
TRUSS TA53 (spacing 24 in)



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 :	0.27 (6 - 10)	TL(V): 0.01 in.	L / 999	4	L / 360
BC :	0.21 (7 - 5)	LL(V): 0.01 in.	L / 999	4	L / 360
Web :	0.15 (5 - 10)	DL(V): 0 in.	L / 999	(3-8)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	4	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	4	2L / 360
		Horiz TL: 0 in.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-150 lbs	600 lbs	0 lbs	-80 lbs	-150 lbs
5	HRoll		0 lbs	600 lbs	0 lbs	-180 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
2-8-0	5-10-5

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.11	-30 lbs	-30 lbs	1-7	0.16	145 lbs	-62 lbs	1-3	0.02	-66 lbs	-66 lbs
6-8	0.20	98 lbs	-51 lbs	5-7	0.21	-187 lbs	-187 lbs	7-8	0.10	-278 lbs	-278 lbs
6-10	0.27	176 lbs	-73 lbs	5-9	0.21	-187 lbs	-187 lbs	5-6	0.09	-264 lbs	-264 lbs
4-10	0.18	96 lbs	-28 lbs	2-9	0.13	0 lbs	0 lbs	9-10	0.05	188 lbs	-132 lbs
								2-4	0.02	-54 lbs	-54 lbs
								1-8	0.02	128 lbs	-14 lbs
								6-7	0.03	234 lbs	-33 lbs
								5-10	0.15	-409 lbs	-409 lbs

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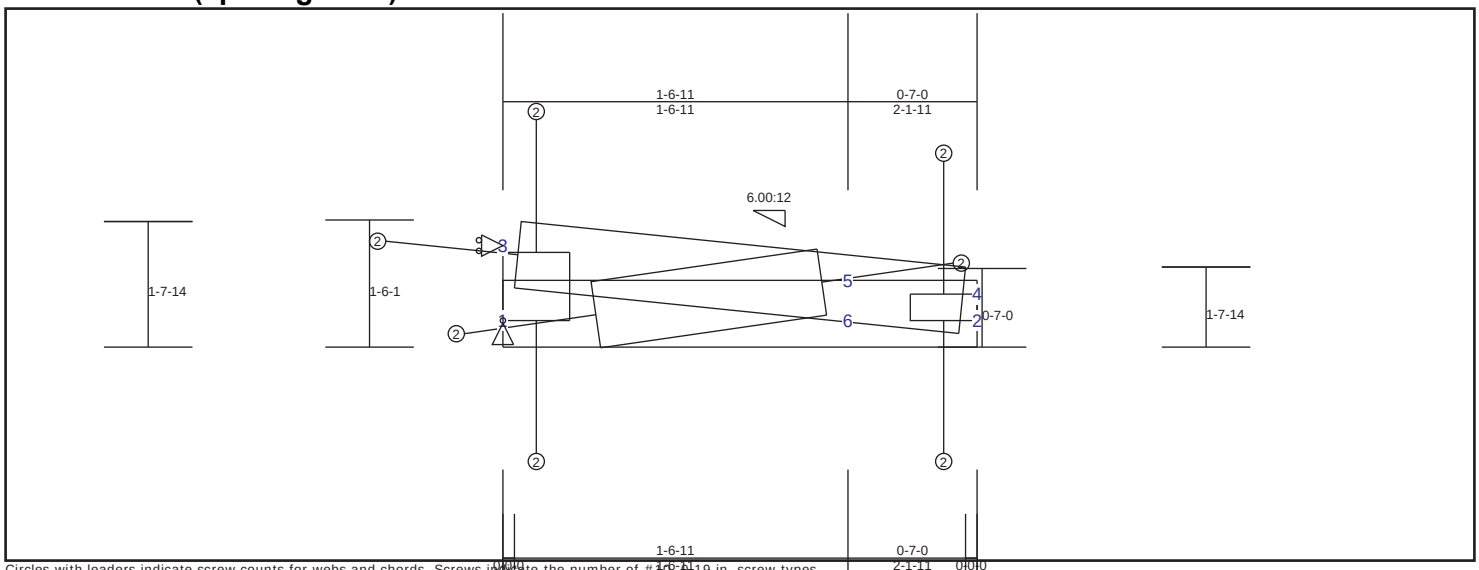
TRUSS TA54 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.119 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 :	0.10 (3 - 5)	TL(V): 0 in.	L / 999	(3-5)	L / 360
BC :	0.13 (1 - 2)	LL(V): 0 in.	L / 999	(3-5)	L / 360
Web :	0.08 (1 - 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	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-5)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		180 lbs	230 lbs	0 lbs	-90 lbs	180 lbs
3	VRoll		-170 lbs	0 lbs	0 lbs	0 lbs	-170 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
1-7-1	2-1-11

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.10	197 lbs	-89 lbs	1-2	0.13	-181 lbs	-181 lbs	1-3	0.04	-103 lbs	-103 lbs
4-5	0.07	46 lbs	-7 lbs					2-4	0.01	36 lbs	-16 lbs
								1-5	0.08	-222 lbs	-222 lbs

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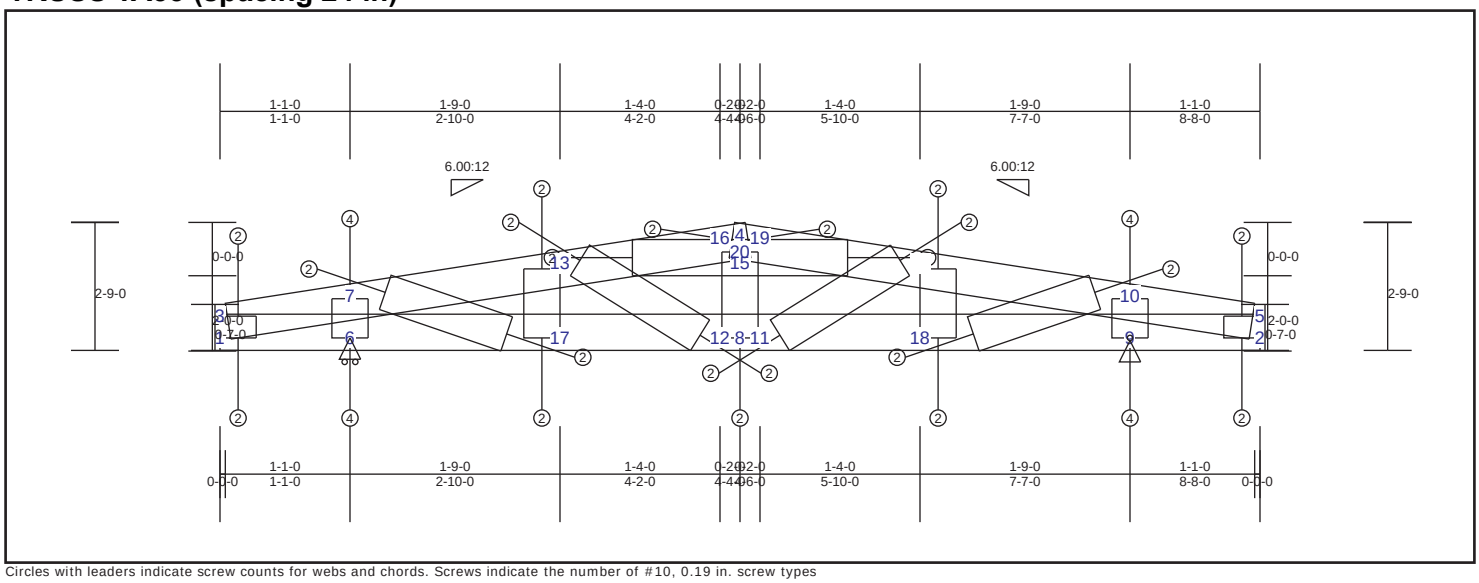
TRUSS TA55 (spacing 24 in)



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 :	0.23 (3 - 7)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.14 (6 - 17)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.18 (6 - 7)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		30 lbs	490 lbs	0 lbs	-140 lbs	30 lbs
9	Pin		30 lbs	490 lbs	0 lbs	-140 lbs	30 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
2-9-0	8-8-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.23	-175 lbs	-175 lbs	1-6	0.01	0 lbs	0 lbs	1-3	0.00	18 lbs	-3 lbs
7-13	0.22	-304 lbs	-304 lbs	6-17	0.14	215 lbs	-92 lbs	9-10	0.18	-494 lbs	-494 lbs
4-13	0.07	-304 lbs	-304 lbs	12-17	0.08	241 lbs	-106 lbs	2-5	0.00	18 lbs	-3 lbs
4-14	0.07	-304 lbs	-304 lbs	8-12	0.06	241 lbs	-107 lbs	6-7	0.18	-494 lbs	-494 lbs
10-14	0.22	-304 lbs	-304 lbs	8-11	0.06	241 lbs	-107 lbs	14-18	0.08	-232 lbs	-232 lbs
5-10	0.23	-175 lbs	-175 lbs	11-18	0.08	241 lbs	-108 lbs	13-17	0.08	-232 lbs	-232 lbs
				9-18	0.14	215 lbs	-108 lbs	13-15	0.04	-174 lbs	-174 lbs
				2-9	0.03	-31 lbs	-31 lbs	14-15	0.04	-174 lbs	-174 lbs
								8-15	0.00	-16 lbs	-16 lbs
								15-20	0.01	-16 lbs	-16 lbs
								10-18	0.05	320 lbs	-137 lbs
								11-14	0.01	58 lbs	-32 lbs
								12-13	0.01	58 lbs	-32 lbs
								7-17	0.05	320 lbs	-137 lbs

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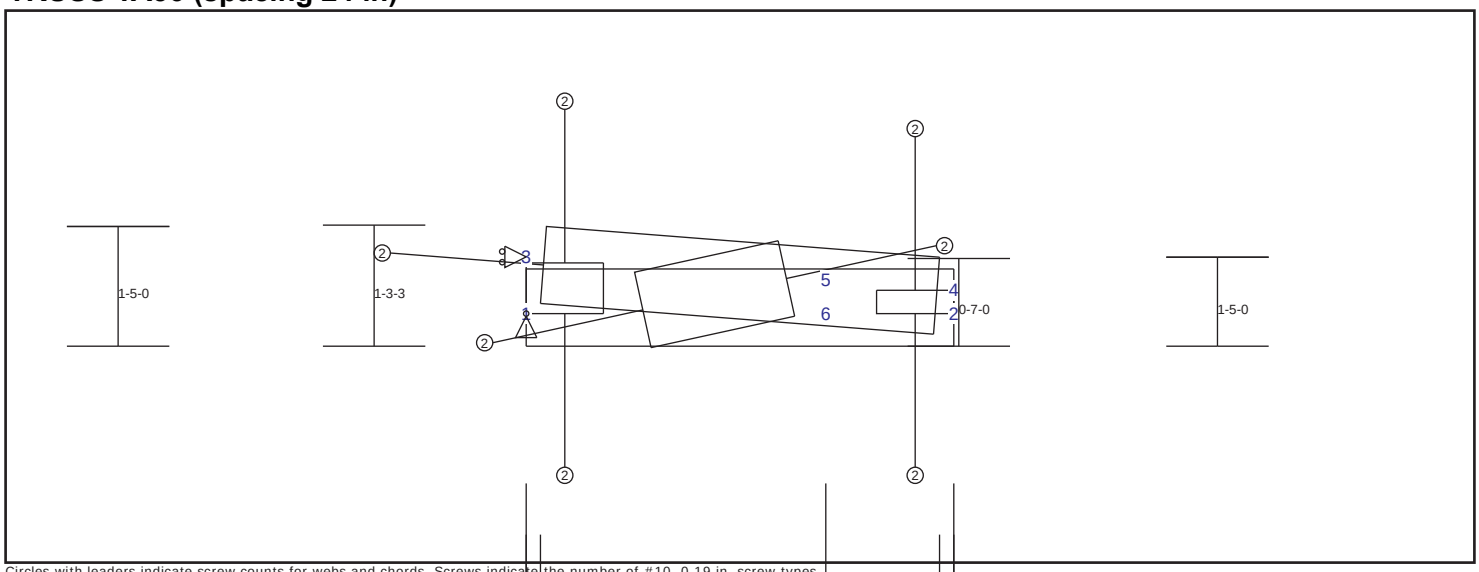
TRUSS TA56 (spacing 24 in)



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 - 5)	TL(V): 0 in.	L / 999	(3-5)	L / 360
BC :	0.12 (1 - 2)	LL(V): 0 in.	L / 999	(3-5)	L / 360
Web :	0.08 (1 - 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	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-5)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

1)This Truss has been designed in accordance with LR 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		130 lbs	170 lbs	0 lbs	-70 lbs	130 lbs
3	VRoll		-120 lbs	0 lbs	0 lbs	0 lbs	-120 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
1-4-3	1-8-1

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.11	118 lbs	-43 lbs	1-2	0.12	-129 lbs	-129 lbs	1-3	0.01	-25 lbs	-25 lbs
4-5	0.08	53 lbs	-16 lbs					2-4	0.01	57 lbs	-36 lbs
								1-5	0.08	-222 lbs	-222 lbs

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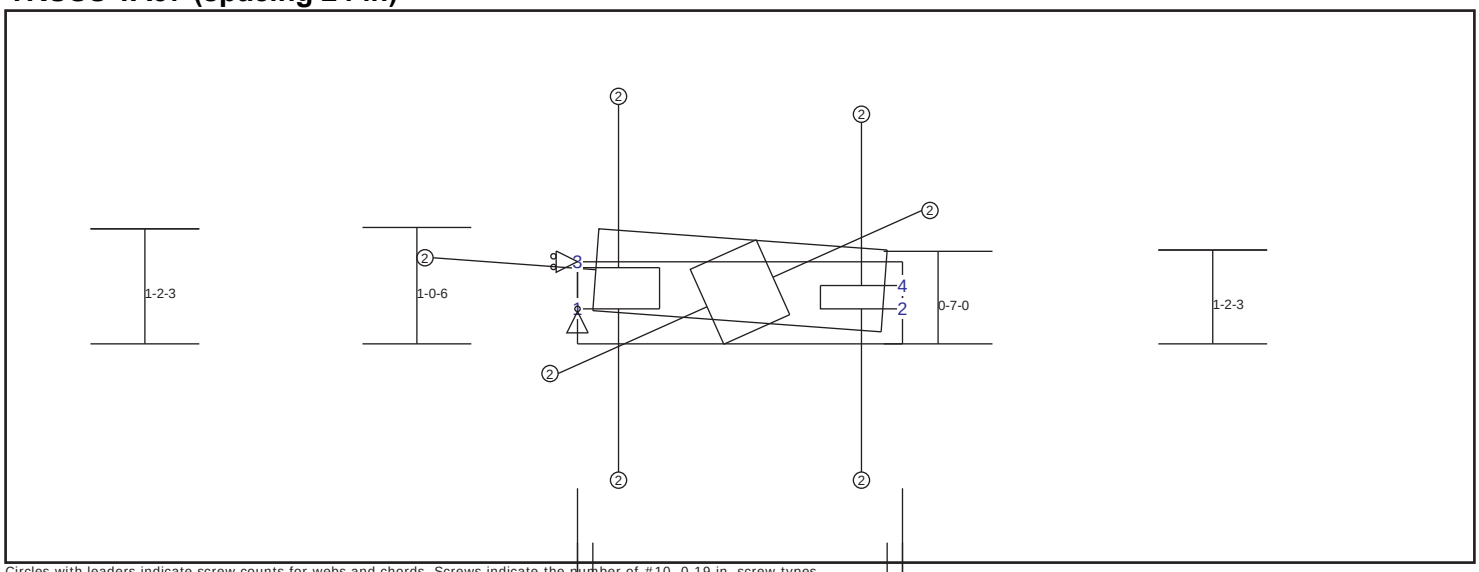
TRUSS TA57 (spacing 24 in)



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 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	(3-4)	L / 360
BC :	0.12 (1 - 2)	LL(V): 0 in.	L / 999	(3-4)	L / 360
Web :	0.09 (1 - 4)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-4)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		80 lbs	120 lbs	0 lbs	-50 lbs	80 lbs
3	VRoll		-70 lbs	0 lbs	0 lbs	0 lbs	-70 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
1-1-6	1-2-5

Load Summary

1)This Truss has been designed in accordance with LR 2016.
2)This truss has been designed for the effects due standard loading of TC Live 0.00 psf, TC Dead = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163. mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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: No

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	66 lbs	-34 lbs	1-2	0.12	-78 lbs	-78 lbs	1-3	0.01	-39 lbs	-39 lbs
								2-4	0.03	103 lbs	-76 lbs
								1-4	0.09	-251 lbs	-251 lbs

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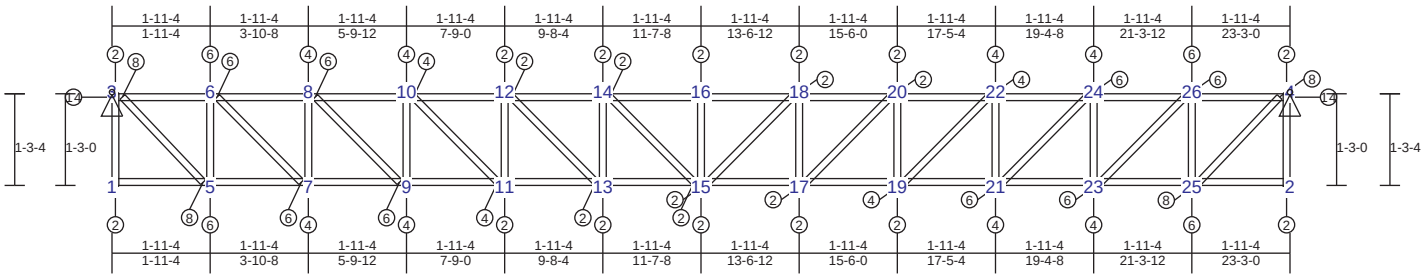
TRUSS TA58 (spacing 16 in)



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 (24 - 26)	TL(V): 0.28 in.	L / 987		L / 360
BC :	0.43 (23 - 25)	LL(V): 0.17 in.	L / 999	(14-16)	L / 360
Web :	0.14 (25 - 4)	DL(V): 0.11 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 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 standard loading of TC Live 40.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 0.00 psf
3)Wind Criteria: No
4)Snow Criteria: No
5)For Wall Truss when sheathed Ly = 12 inches is us

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Pin		-5400 lbs	1450 lbs	0 lbs	0 lbs	-5400 lbs
4	Pin		5400 lbs	1450 lbs	0 lbs	0 lbs	5400 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
1-3-4	23-3-0

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	5402 lbs	0 lbs	1-5	0.43	2220 lbs	0 lbs	1-3	0.00	-46 lbs	-46 lbs
6-8	0.46	3182 lbs	0 lbs	5-7	0.43	4070 lbs	0 lbs	5-6	0.12	-1640 lbs	-1640 lbs
8-10	0.29	1332 lbs	-98 lbs	7-9	0.37	5500 lbs	0 lbs	7-8	0.09	-1201 lbs	-1201 lbs
10-12	0.23	-1127 lbs	-1127 lbs	9-11	0.38	6528 lbs	0 lbs	9-10	0.07	-955 lbs	-955 lbs
12-14	0.22	-1733 lbs	-1733 lbs	11-13	0.36	7135 lbs	0 lbs	11-12	0.05	-664 lbs	-664 lbs
14-16	0.22	-1979 lbs	-1979 lbs	13-15	0.28	7380 lbs	0 lbs	13-14	0.03	-393 lbs	-393 lbs
16-18	0.22	-1979 lbs	-1979 lbs	15-17	0.28	7380 lbs	0 lbs	15-16	0.02	-264 lbs	-264 lbs
18-20	0.22	-1733 lbs	-1733 lbs	17-19	0.36	7135 lbs	0 lbs	17-18	0.03	-393 lbs	-393 lbs
20-22	0.23	-1127 lbs	-1127 lbs	19-21	0.38	6528 lbs	0 lbs	19-20	0.05	-664 lbs	-664 lbs
22-24	0.29	1332 lbs	-98 lbs	21-23	0.37	5500 lbs	0 lbs	21-22	0.07	-955 lbs	-955 lbs
24-26	0.46	3182 lbs	0 lbs	23-25	0.43	4070 lbs	0 lbs	23-24	0.09	-1201 lbs	-1201 lbs
4-26	0.46	5402 lbs	0 lbs	2-25	0.43	2220 lbs	0 lbs	25-26	0.12	-1640 lbs	-1640 lbs
								2-4	0.00	-46 lbs	-46 lbs
								3-5	0.14	2730 lbs	0 lbs
								6-7	0.11	2242 lbs	0 lbs
								8-9	0.09	1734 lbs	0 lbs
								10-11	0.06	1246 lbs	0 lbs
								12-13	0.04	736 lbs	0 lbs
								14-15	0.01	297 lbs	0 lbs
								15-18	0.01	297 lbs	0 lbs
								17-20	0.04	736 lbs	0 lbs
								19-22	0.06	1246 lbs	0 lbs
								21-24	0.09	1734 lbs	0 lbs
								23-26	0.11	2242 lbs	0 lbs
								4-25	0.14	2730 lbs	0 lbs

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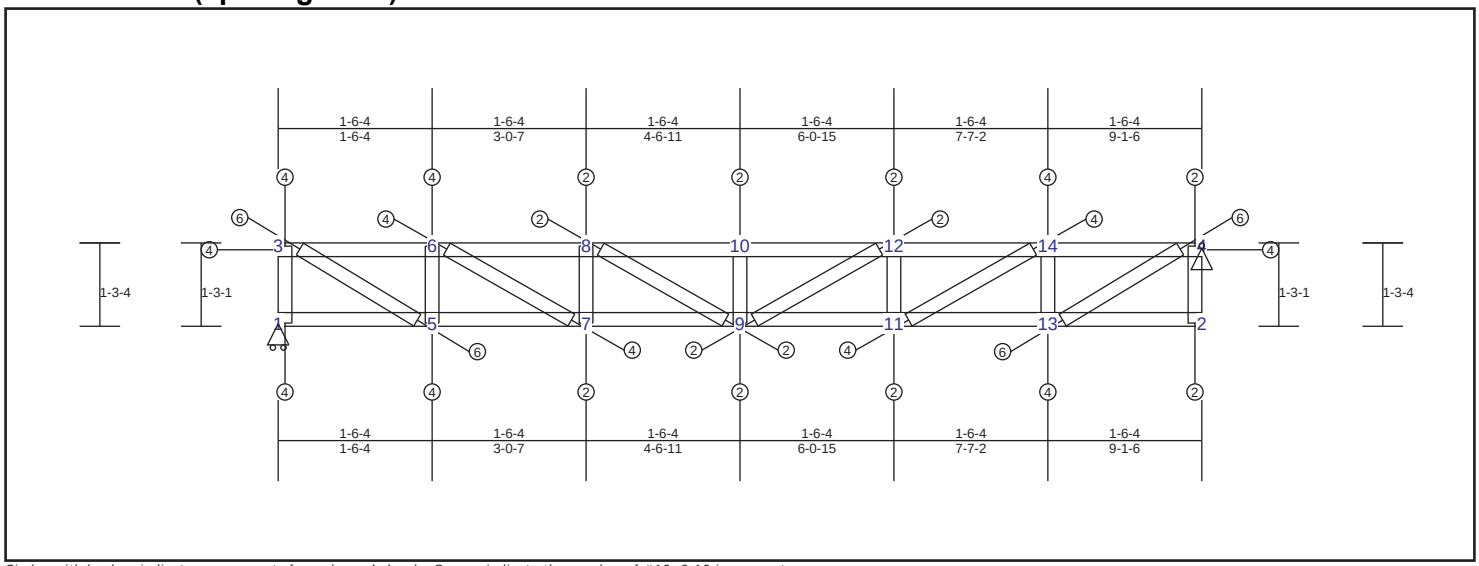
TRUSS TA59 (spacing 16 in)



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 :	0.52 (14 - 4)	TL(V): 0.03 in.	L / 999		L / 360
BC :	0.42 (1 - 5)	LL(V): 0.02 in.	L / 999	(8-10)	L / 360
Web :	0.12 (5 - 6)	DL(V): 0.01 in.	L / 999	(8-10)	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 standard loading of TC Live 40.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 0.00 psf
3)Wind Criteria: No
4)Snow Criteria: No
5)For Wall Truss when sheathed Ly = 12 inches is us

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	560 lbs	0 lbs	0 lbs	0 lbs
4	Pin		0 lbs	560 lbs	0 lbs	0 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
1-3-4	9-1-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.52	-605 lbs	-605 lbs	1-5	0.42	605 lbs	0 lbs	1-3	0.11	-582 lbs	-582 lbs
6-8	0.37	-992 lbs	-992 lbs	5-7	0.42	992 lbs	0 lbs	5-6	0.12	-632 lbs	-632 lbs
8-10	0.30	-1114 lbs	-1114 lbs	7-9	0.05	1114 lbs	0 lbs	7-8	0.06	-301 lbs	-301 lbs
10-12	0.30	-1114 lbs	-1114 lbs	9-11	0.05	1114 lbs	0 lbs	9-10	0.04	-192 lbs	-192 lbs
12-14	0.37	-992 lbs	-992 lbs	11-13	0.41	992 lbs	0 lbs	11-12	0.06	-301 lbs	-301 lbs
4-14	0.52	-606 lbs	-606 lbs	2-13	0.41	606 lbs	0 lbs	13-14	0.12	-631 lbs	-631 lbs
								2-4	0.00	-20 lbs	-20 lbs
								3-5	0.10	855 lbs	0 lbs
								6-7	0.07	532 lbs	0 lbs
								8-9	0.02	168 lbs	0 lbs
								9-12	0.02	168 lbs	0 lbs
								11-14	0.06	530 lbs	0 lbs
								4-13	0.10	857 lbs	0 lbs

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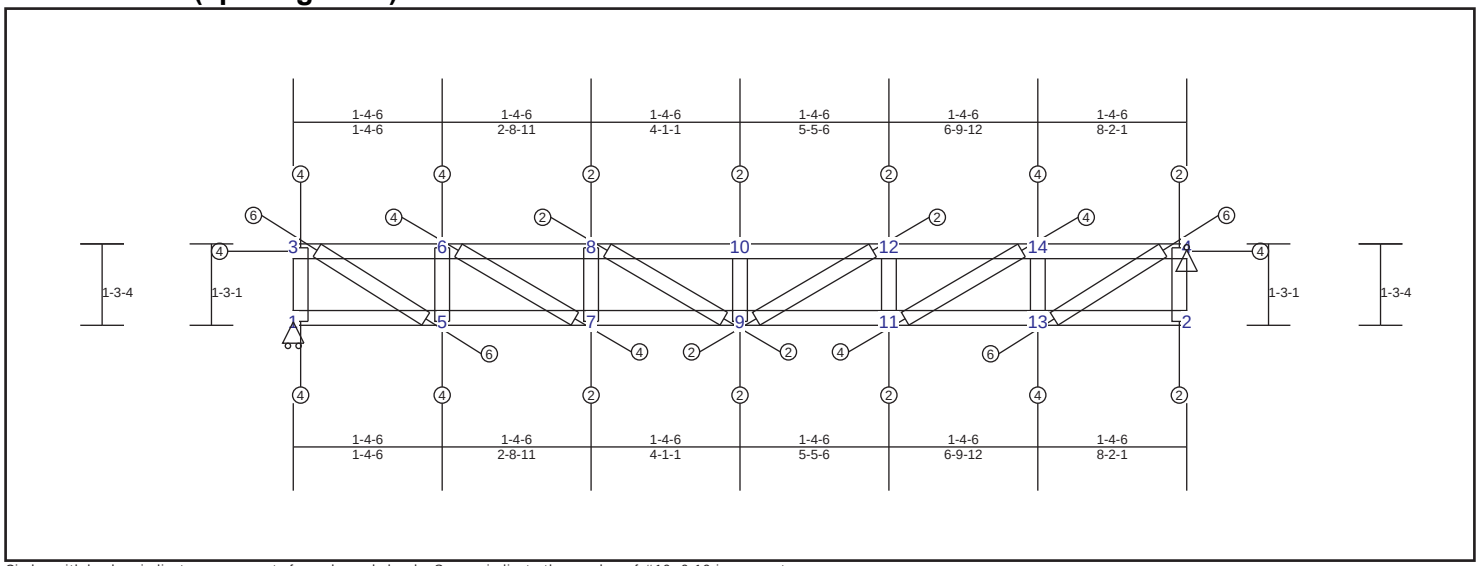
TRUSS TA60 (spacing 16 in)



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 (14 - 4)	TL(V): 0.01 in.	L / 999		L / 360
BC :	0.39 (1 - 5)	LL(V): 0.01 in.	L / 999	(8-10)	L / 360
Web :	0.11 (5 - 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.		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 standard loading of TC Live 40.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 0.00 psf
3)Wind Criteria: No
4)Snow Criteria: No
5)For Wall Truss when sheathed Ly = 12 inches is us

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	500 lbs	0 lbs	0 lbs	0 lbs
4	Pin		0 lbs	500 lbs	0 lbs	0 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
1-3-4	8-2-1

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.47	-479 lbs	-479 lbs	1-5	0.39	479 lbs	0 lbs	1-3	0.10	-526 lbs	-526 lbs
6-8	0.32	-794 lbs	-794 lbs	5-7	0.39	794 lbs	0 lbs	5-6	0.11	-594 lbs	-594 lbs
8-10	0.24	-891 lbs	-891 lbs	7-9	0.04	891 lbs	0 lbs	7-8	0.05	-278 lbs	-278 lbs
10-12	0.24	-891 lbs	-891 lbs	9-11	0.04	891 lbs	0 lbs	9-10	0.03	-173 lbs	-173 lbs
12-14	0.32	-793 lbs	-793 lbs	11-13	0.38	793 lbs	0 lbs	11-12	0.05	-277 lbs	-277 lbs
4-14	0.47	-480 lbs	-480 lbs	2-13	0.38	480 lbs	0 lbs	13-14	0.11	-592 lbs	-592 lbs
								2-4	0.00	-24 lbs	-24 lbs
								3-5	0.09	739 lbs	0 lbs
								6-7	0.06	466 lbs	0 lbs
								8-9	0.02	144 lbs	0 lbs
								9-12	0.02	145 lbs	0 lbs
								11-14	0.06	463 lbs	0 lbs
								4-13	0.09	741 lbs	0 lbs

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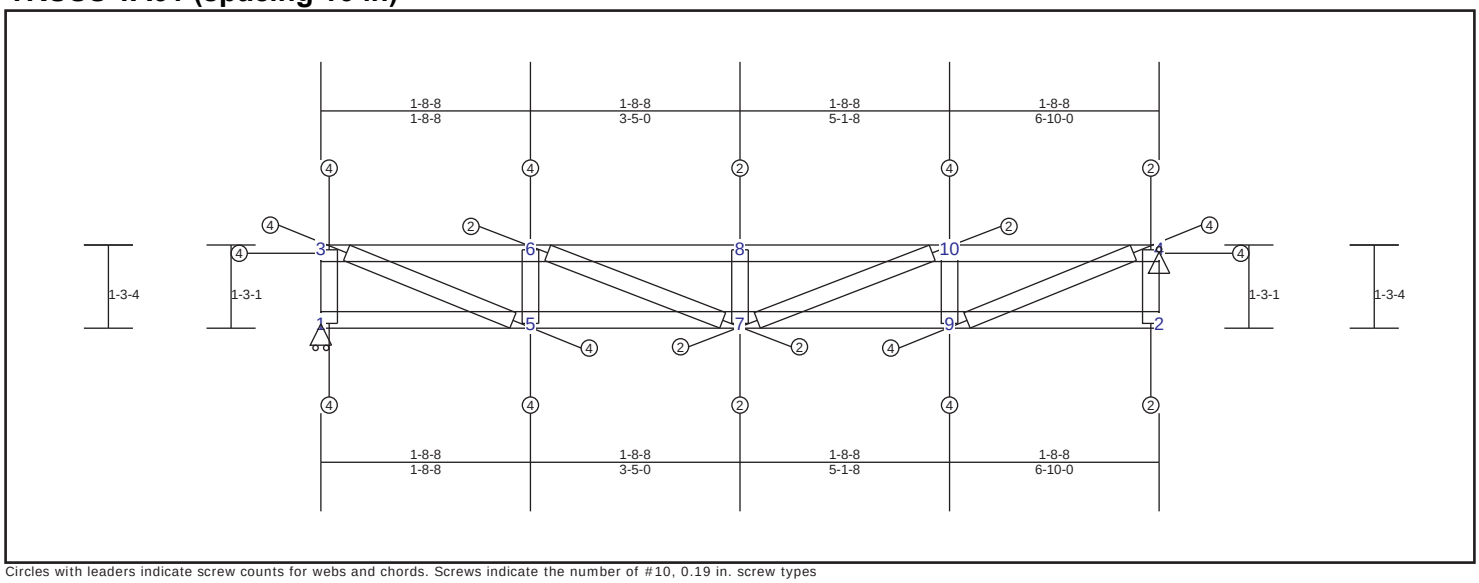
TRUSS TA61 (spacing 16 in)



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 :	0.37 (10 - 4)	TL(V): 0 in.	L / 999		L / 360
BC :	0.27 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.08 (1 - 3)	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.		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 standard loading of TC Live 40.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 0.00 psf
3)Wind Criteria: No
4)Snow Criteria: No
5)For Wall Truss when sheathed Ly = 12 inches is us

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	420 lbs	0 lbs	0 lbs	0 lbs
4	Pin		0 lbs	420 lbs	0 lbs	0 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
1-3-4	6-10-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.37	-469 lbs	-469 lbs	1-5	0.27	469 lbs	0 lbs	1-3	0.08	-428 lbs	-428 lbs
6-8	0.29	-634 lbs	-634 lbs	5-7	0.27	634 lbs	0 lbs	5-6	0.08	-401 lbs	-401 lbs
8-10	0.29	-634 lbs	-634 lbs	7-9	0.27	634 lbs	0 lbs	7-8	0.04	-191 lbs	-191 lbs
4-10	0.37	-469 lbs	-469 lbs	2-9	0.27	469 lbs	0 lbs	9-10	0.08	-401 lbs	-401 lbs
								2-4	0.00	-8 lbs	-8 lbs
								3-5	0.08	615 lbs	0 lbs
								6-7	0.03	212 lbs	0 lbs
								7-10	0.03	211 lbs	0 lbs
								4-9	0.08	616 lbs	0 lbs

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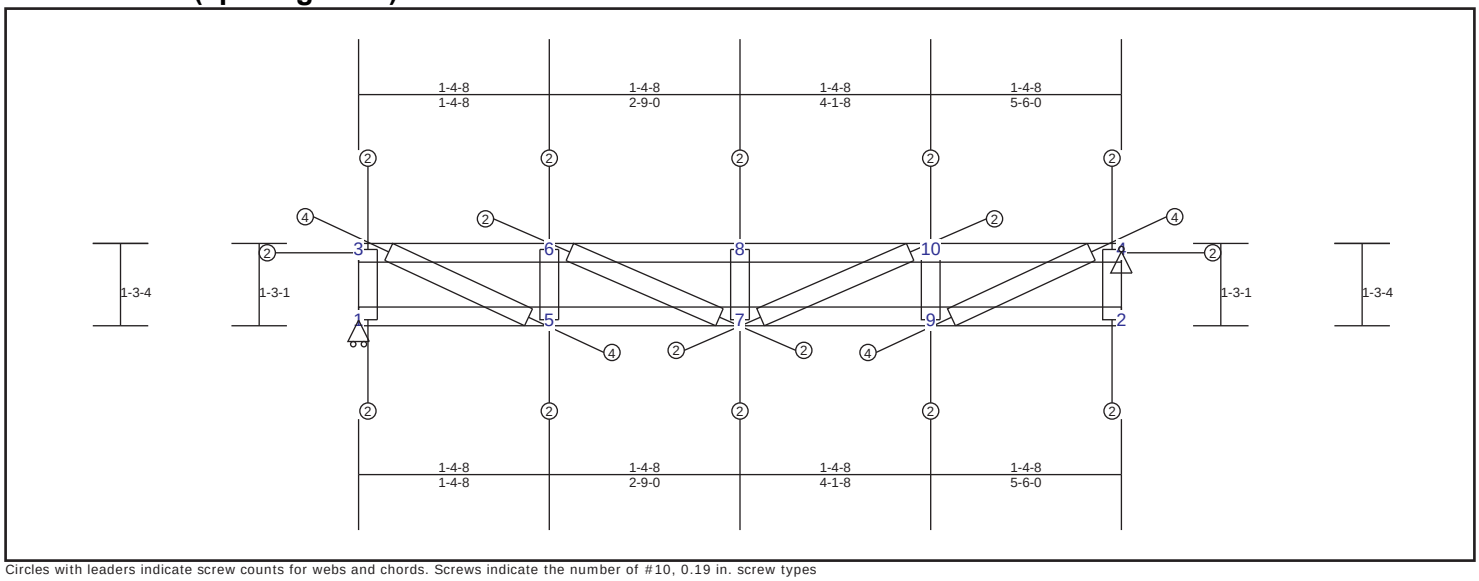
TRUSS TA62 (spacing 16 in)



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 :	0.31 (10 - 4)	TL(V): 0 in.	L / 999		L / 360
BC :	0.23 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.07 (1 - 3)	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.		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 standard loading of TC Live 40.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 0.00 psf
3)Wind Criteria: No
4)Snow Criteria: No
5)For Wall Truss when sheathed Ly = 12 inches is us

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	340 lbs	0 lbs	0 lbs	0 lbs
4	Pin		0 lbs	340 lbs	0 lbs	0 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
1-3-4	5-6-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.31	-294 lbs	-294 lbs	1-5	0.23	294 lbs	0 lbs	1-3	0.07	-348 lbs	-348 lbs
6-8	0.20	-406 lbs	-406 lbs	5-7	0.23	406 lbs	0 lbs	5-6	0.07	-348 lbs	-348 lbs
8-10	0.20	-406 lbs	-406 lbs	7-9	0.23	406 lbs	0 lbs	7-8	0.03	-159 lbs	-159 lbs
4-10	0.31	-295 lbs	-295 lbs	2-9	0.23	295 lbs	0 lbs	9-10	0.07	-347 lbs	-347 lbs
								2-4	0.00	-13 lbs	-13 lbs
								3-5	0.05	450 lbs	0 lbs
								6-7	0.02	164 lbs	0 lbs
								7-10	0.02	163 lbs	0 lbs
								4-9	0.06	451 lbs	0 lbs

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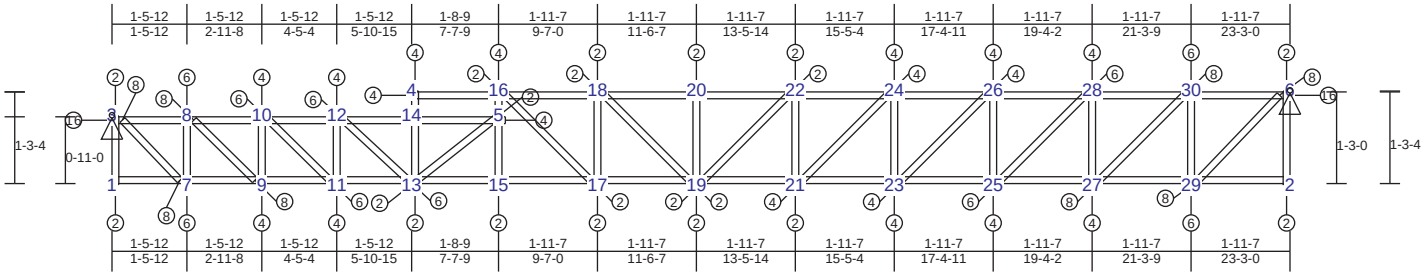
TRUSS TA63 (spacing 16 in)



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 :	0.54 (30 - 6)	TL(V): 0.4 in.	L / 693		L / 360
BC :	0.54 (11 - 13)	LL(V): 0.25 in.	L / 999	(17-19)	L / 360
Web :	0.90 (13 - 14)	DL(V): 0.15 in.	L / 999	(17-19)	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.		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 = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 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		-6190 lbs	1500 lbs	0 lbs	0 lbs	-6190 lbs
6	Pin		6190 lbs	1590 lbs	0 lbs	0 lbs	6190 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
1-3-13	23-3-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-16	0.20	-2206 lbs	-2206 lbs	1-7	0.48	2498 lbs	0 lbs
16-18	0.35	-2664 lbs	-2664 lbs	7-9	0.48	4717 lbs	0 lbs
18-20	0.26	-2679 lbs	-2679 lbs	9-11	0.42	6624 lbs	0 lbs
20-22	0.28	-2679 lbs	-2679 lbs	11-13	0.54	8123 lbs	0 lbs
22-24	0.26	-2199 lbs	-2199 lbs	13-15	0.43	8464 lbs	0 lbs
24-26	0.27	-1354 lbs	-1354 lbs	15-17	0.00	8850 lbs	0 lbs
26-28	0.33	1599 lbs	-81 lbs	17-19	0.00	8865 lbs	0 lbs
28-30	0.51	3706 lbs	0 lbs	19-21	0.48	8865 lbs	0 lbs
6-30	0.54	6186 lbs	0 lbs	21-23	0.43	8385 lbs	0 lbs
3-8	0.52	6186 lbs	0 lbs	23-25	0.45	7540 lbs	0 lbs
8-10	0.48	3688 lbs	0 lbs	25-27	0.42	6268 lbs	0 lbs
10-12	0.34	1470 lbs	-437 lbs	27-29	0.48	4587 lbs	0 lbs
12-14	0.33	-1937 lbs	-1937 lbs	2-29	0.48	2480 lbs	0 lbs
5-14	0.47	-1937 lbs	-1937 lbs				

Web			
1-3	0.01	-76 lbs	-76 lbs
7-8	0.13	-1854 lbs	-1854 lbs
9-10	0.10	-1400 lbs	-1400 lbs
11-12	0.09	-1294 lbs	-1294 lbs
13-14	0.90	-499 lbs	-499 lbs
4-14	0.33	-111 lbs	-111 lbs
17-18	0.02	-271 lbs	-271 lbs
19-20	0.02	-259 lbs	-259 lbs
21-22	0.04	-562 lbs	-562 lbs
23-24	0.06	-821 lbs	-821 lbs
25-26	0.08	-1117 lbs	-1117 lbs
27-28	0.10	-1361 lbs	-1361 lbs
29-30	0.13	-1814 lbs	-1814 lbs
2-6	0.00	-51 lbs	-51 lbs
5-15	0.55	-467 lbs	-467 lbs
5-16	0.20	-467 lbs	-467 lbs
5-13	0.05	-598 lbs	-598 lbs
3-7	0.15	3066 lbs	0 lbs
8-9	0.13	2668 lbs	0 lbs
10-11	0.12	2293 lbs	0 lbs
12-13	0.09	1772 lbs	0 lbs
16-17	0.03	553 lbs	0 lbs
18-19	0.00	18 lbs	0 lbs
19-22	0.03	580 lbs	0 lbs
21-24	0.05	1021 lbs	0 lbs

Web			
23-26	0.08	1537 lbs	0 lbs
25-28	0.10	2031 lbs	0 lbs
27-30	0.13	2546 lbs	0 lbs
6-29	0.15	3040 lbs	0 lbs

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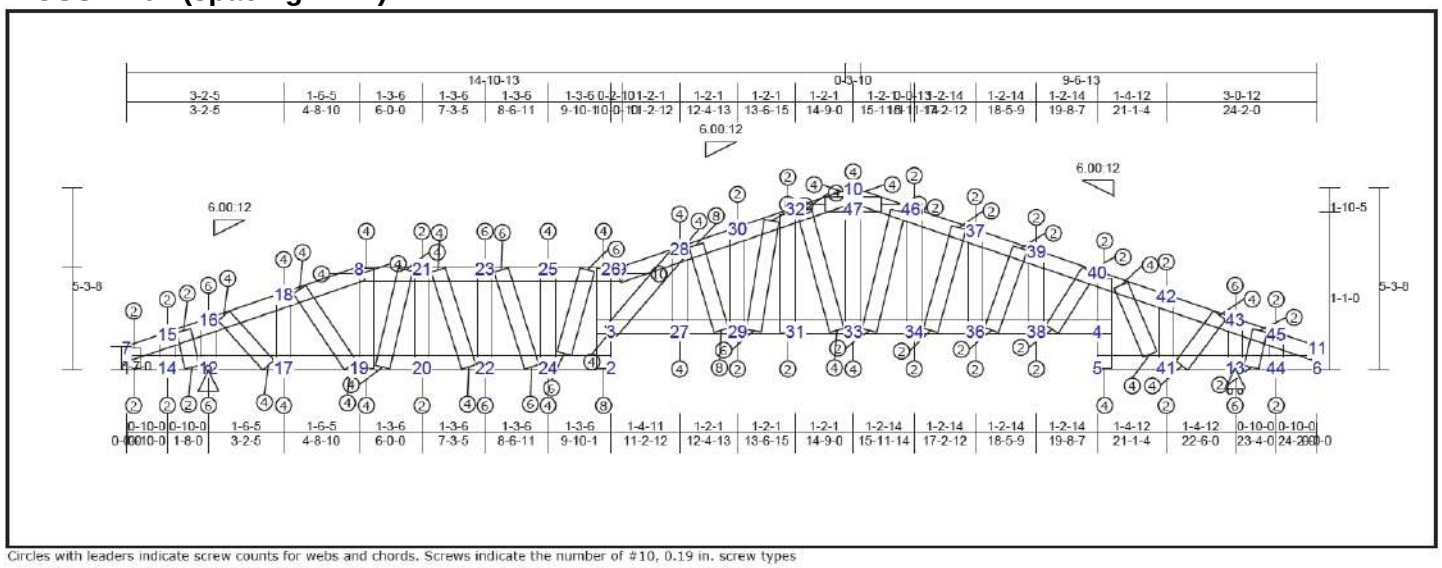
TRUSS TB01 (spacing 24 in)



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 (25 - 26)	TL(V): 0.39 in.	L / 162	(9-28)	L / 360
BC :	0.87 (3 - 27)	LL(V): 0.22 in.	L / 289	(9-28)	L / 360
Web :	0.93 (2 - 3)	DL(V): 0.17 in.	L / 377	(26-9)	L / 0
		Cant / OH TL: 0.22 in.	2L / 74	(9-28)	2L / 360
		Cant / OH LL: 0.22 in.	2L / 74	(9-28)	2L / 360
		Horiz TL: 0.08 in.		6	
		Web :			
		Snow/Wind -0.17 in.	L / 386	(26-9)	L / 360
		Cant (Snow/Wind) -0.17 in.	L / 59	(26-9)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
12	Pin		-160 lbs	1490 lbs	0 lbs	-280 lbs	-160 lbs
13	HRoll		0 lbs	1500 lbs	0 lbs	-360 lbs	0 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
5-3-8	24-2-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
7-15	0.04	-69 lbs	-69 lbs	1-14	0.05	0 lbs	0 lbs
15-16	0.28	-719 lbs	-719 lbs	12-14	0.08	157 lbs	-151 lbs
16-18	0.26	-1496 lbs	-1496 lbs	12-17	0.26	860 lbs	-257 lbs
8-18	0.21	-1496 lbs	-1496 lbs	17-19	0.26	1290 lbs	-336 lbs
8-21	0.28	-1588 lbs	-1588 lbs	19-20	0.29	1537 lbs	-387 lbs
21-23	0.34	-1928 lbs	-1928 lbs	20-22	0.29	1678 lbs	-459 lbs
23-25	0.30	-2273 lbs	-2273 lbs	22-24	0.35	2223 lbs	-539 lbs
25-26	0.76	-3408 lbs	-3408 lbs	2-24	0.38	2615 lbs	-634 lbs
9-26	0.51	-3408 lbs	-3408 lbs	3-27	0.86	3357 lbs	-814 lbs
9-28	0.40	-3937 lbs	-3937 lbs	27-29	0.61	2796 lbs	-674 lbs
28-30	0.50	-3014 lbs	-3014 lbs	29-31	0.42	2223 lbs	-525 lbs
30-32	0.50	-2782 lbs	-2782 lbs	31-33	0.28	1989 lbs	-463 lbs
10-32	0.42	-2043 lbs	-2043 lbs	33-34	0.28	1718 lbs	-384 lbs
10-46	0.21	-1907 lbs	-1907 lbs	34-36	0.15	1756 lbs	-379 lbs
35-46	0.18	-1907 lbs	-1907 lbs	36-38	0.17	1835 lbs	-412 lbs
35-37	0.19	-2015 lbs	-2015 lbs	4-38	0.33	1835 lbs	-412 lbs
37-39	0.21	-2113 lbs	-2113 lbs	5-41	0.22	1039 lbs	-247 lbs
39-40	0.38	-2050 lbs	-2050 lbs	13-41	0.24	776 lbs	-184 lbs
40-42	0.32	-2026 lbs	-2026 lbs	13-44	0.10	102 lbs	-22 lbs
42-43	0.28	-944 lbs	-944 lbs	6-44	0.05	0 lbs	0 lbs
43-45	0.31	-793 lbs	-793 lbs				
11-45	0.03	-68 lbs	-68 lbs				

Web			
1-7	0.00	31 lbs	-10 lbs
14-15	0.04	-258 lbs	-258 lbs
12-16	0.28	-1893 lbs	-1893 lbs
17-18	0.24	-1580 lbs	-1580 lbs
8-19	0.05	873 lbs	-262 lbs
20-21	0.01	-57 lbs	-57 lbs
22-23	0.48	-2045 lbs	-2045 lbs
24-25	0.05	903 lbs	-232 lbs
2-3	0.93	377 lbs	-101 lbs
3-26	0.72	-1355 lbs	-1355 lbs
27-28	0.08	1524 lbs	-381 lbs
29-30	0.03	443 lbs	-127 lbs
34-35	0.05	-167 lbs	-167 lbs
36-37	0.05	465 lbs	-209 lbs
38-39	0.04	-273 lbs	-273 lbs
4-5	0.50	300 lbs	-76 lbs
4-40	0.64	300 lbs	-82 lbs
41-42	0.07	-433 lbs	-433 lbs
13-43	0.32	-2136 lbs	-2136 lbs
44-45	0.03	-227 lbs	-227 lbs
3-28	0.07	1108 lbs	-352 lbs
31-32	0.05	-156 lbs	-156 lbs
32-47	0.36	-3011 lbs	-3011 lbs
46-47	0.36	-3011 lbs	-3011 lbs

Web			
33-47	0.09	1058 lbs	-291 lbs
12-15	0.03	541 lbs	-159 lbs
16-17	0.07	1474 lbs	-387 lbs
18-19	0.05	1028 lbs	-284 lbs
21-22	0.09	1611 lbs	-455 lbs
23-24	0.08	1634 lbs	-440 lbs
28-29	0.57	-2876 lbs	-2876 lbs
29-32	0.13	2140 lbs	-569 lbs
33-35	0.06	446 lbs	-165 lbs
34-37	0.15	-589 lbs	-589 lbs
36-39	0.06	-339 lbs	-339 lbs
38-40	0.04	725 lbs	-159 lbs
41-43	0.07	1478 lbs	-358 lbs
13-45	0.03	651 lbs	-141 lbs
32-33	0.55	-1476 lbs	-1476 lbs
40-41	0.18	-944 lbs	-944 lbs
19-21	0.37	-1555 lbs	-1555 lbs
24-26	0.51	-2120 lbs	-2120 lbs

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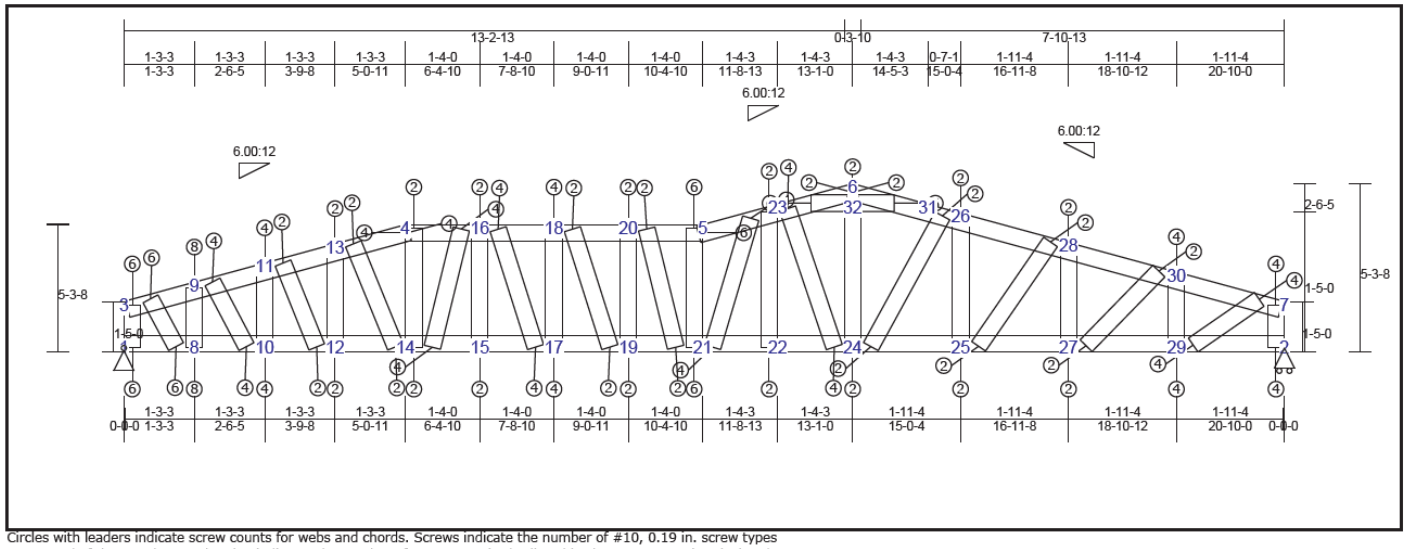
TRUSS TB02 (spacing 24 in)



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 :	0.42 (3 - 9)	TL(V): 0.09 in.	L / 697	5	L / 360
BC :	0.43 (1 - 8)	LL(V): 0.05 in.	L / 999	5	L / 360
Web :	0.71 (21 - 5)	DL(V): 0.04 in.	L / 999	5	L / 0
		Cant / OH TL: 0 in.	2L / 999	(29-2)	2L / 360
		Cant / OH LL: 0 in.	2L / 999	(29-2)	2L / 360
		Horiz TL: 0.01 in.		4	
		Web :			
		Snow/Wind -0.05 in.	L / 999	5	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	(29-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	1280 lbs	0 lbs	-340 lbs	-130 lbs
2	HRoll		0 lbs	1290 lbs	0 lbs	-250 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
5-3-8	20-10-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
3-9	0.42	-1372 lbs	-1372 lbs	1-8	0.43	663 lbs	-292 lbs
9-11	0.27	-1524 lbs	-1524 lbs	8-10	0.43	1085 lbs	-385 lbs
11-13	0.17	-1634 lbs	-1634 lbs	10-12	0.20	1223 lbs	-412 lbs
4-13	0.18	-1634 lbs	-1634 lbs	12-14	0.13	1330 lbs	-430 lbs
4-16	0.20	-1513 lbs	-1513 lbs	14-15	0.19	1459 lbs	-463 lbs
16-18	0.25	-1658 lbs	-1658 lbs	15-17	0.17	1603 lbs	-495 lbs
18-20	0.19	-1740 lbs	-1740 lbs	17-19	0.17	1685 lbs	-507 lbs
5-20	0.30	-1754 lbs	-1754 lbs	19-21	0.37	1700 lbs	-507 lbs
5-23	0.34	-2170 lbs	-2170 lbs	21-22	0.29	1700 lbs	-501 lbs
6-23	0.30	-1522 lbs	-1522 lbs	22-24	0.19	1486 lbs	-422 lbs
6-31	0.20	-1433 lbs	-1433 lbs	24-25	0.19	1319 lbs	-357 lbs
26-31	0.15	-1492 lbs	-1492 lbs	25-27	0.10	1259 lbs	-317 lbs
26-28	0.16	-1513 lbs	-1513 lbs	27-29	0.26	1259 lbs	-314 lbs
28-30	0.18	-1513 lbs	-1513 lbs	2-29	0.26	970 lbs	-237 lbs
7-30	0.35	-1443 lbs	-1443 lbs				

Web			
1-3	0.24	-1640 lbs	-1640 lbs
8-9	0.38	-2488 lbs	-2488 lbs
10-11	0.21	-1084 lbs	-1084 lbs
12-13	0.20	-715 lbs	-715 lbs
4-14	0.08	727 lbs	-221 lbs
15-16	0.01	-37 lbs	-37 lbs
17-18	0.33	-830 lbs	-830 lbs
19-20	0.05	-136 lbs	-136 lbs
5-21	0.71	-1720 lbs	-1720 lbs
25-26	0.07	-159 lbs	-159 lbs
27-28	0.09	-298 lbs	-298 lbs
29-30	0.21	-1324 lbs	-1324 lbs
2-7	0.20	-1369 lbs	-1369 lbs
22-23	0.01	138 lbs	-35 lbs
23-32	0.29	-2070 lbs	-2070 lbs
31-32	0.29	-2070 lbs	-2070 lbs
24-32	0.13	750 lbs	-238 lbs
3-8	0.12	2364 lbs	-676 lbs
9-10	0.08	1534 lbs	-417 lbs
11-12	0.03	648 lbs	-141 lbs
13-14	0.02	489 lbs	-107 lbs
16-17	0.07	846 lbs	-226 lbs
18-19	0.06	481 lbs	-161 lbs
20-21	0.04	135 lbs	-112 lbs
21-23	0.25	1340 lbs	-525 lbs

Web			
24-26	0.09	265 lbs	-170 lbs
25-28	0.03	159 lbs	-72 lbs
27-30	0.03	615 lbs	-165 lbs
7-29	0.08	1567 lbs	-382 lbs
14-16	0.39	-975 lbs	-975 lbs
23-24	0.53	-926 lbs	-926 lbs

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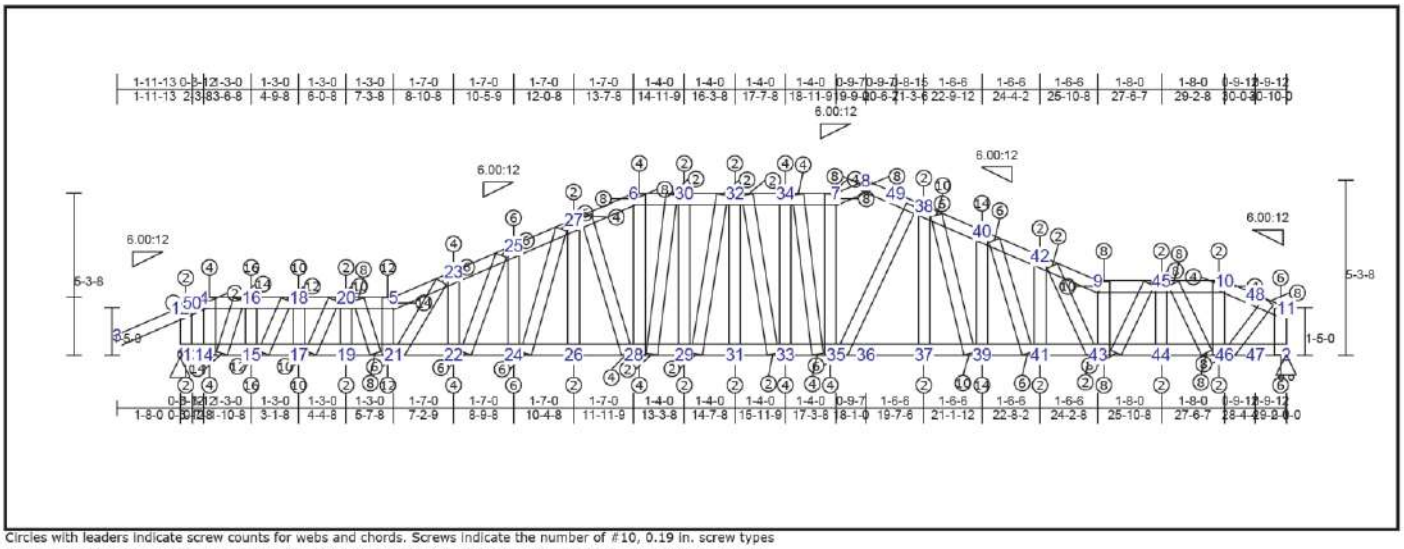
TRUSS TB03 (spacing 24 in)



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 :	0.85 (38 - 40)	TL(V): 0.62 in.	L / 16	(7-8)	L / 360
BC :	0.95 (21 - 22)	LL(V): 0.34 in.	L / 29	(7-8)	L / 360
Web :	0.65 (39 - 40)	DL(V): 0.27 in.	L / 37	(7-8)	L / 0
		Cant / OH TL: -0.12 in.	2L / 355	3	2L / 360
		Cant / OH LL: -0.12 in.	2L / 355	3	2L / 360
		Horiz TL: -0.09 in.		38	
		Web :			
		Snow/Wind -0.31 in.	L / 209	7	L / 360
		Cant (Snow/Wind) 0.08 in.	L / 570	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		210 lbs	1980 lbs	0 lbs	-570 lbs	210 lbs
2	HRoll		0 lbs	1790 lbs	0 lbs	-380 lbs	0 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
5-3-8	30-10-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-16	0.03	-1354 lbs	-1354 lbs	1-14	0.44	-206 lbs	-206 lbs
16-18	0.79	-3036 lbs	-3036 lbs	14-15	0.57	1347 lbs	-395 lbs
18-20	0.63	-4225 lbs	-4225 lbs	15-17	0.76	3029 lbs	-758 lbs
5-20	0.69	-4953 lbs	-4953 lbs	17-19	0.58	4218 lbs	-1037 lbs
5-23	0.56	-5670 lbs	-5670 lbs	19-21	0.81	4946 lbs	-1219 lbs
23-25	0.52	-4804 lbs	-4804 lbs	21-22	0.95	4946 lbs	-1219 lbs
25-27	0.53	-4190 lbs	-4190 lbs	22-24	0.40	4113 lbs	-1025 lbs
6-27	0.41	-3225 lbs	-3225 lbs	24-26	0.83	3467 lbs	-859 lbs
7-8	0.21	-2948 lbs	-2948 lbs	26-28	0.25	3023 lbs	-736 lbs
8-38	0.82	-1970 lbs	-1970 lbs	28-29	0.28	2691 lbs	-646 lbs
38-40	0.85	-4399 lbs	-4399 lbs	29-31	0.17	2699 lbs	-660 lbs
40-42	0.58	-4399 lbs	-4399 lbs	31-33	0.23	2699 lbs	-660 lbs
9-42	0.38	-3947 lbs	-3947 lbs	33-35	0.57	2643 lbs	-652 lbs
9-45	0.62	-3443 lbs	-3443 lbs	35-37	0.41	2544 lbs	-628 lbs
10-45	0.49	-2494 lbs	-2494 lbs	37-39	0.93	2638 lbs	-678 lbs
10-11	0.59	-1293 lbs	-1293 lbs	39-41	0.94	3173 lbs	-839 lbs
3-12	0.11	74 lbs	0 lbs	41-43	0.62	3425 lbs	-907 lbs
4-12	0.14	304 lbs	-205 lbs	43-44	0.56	3425 lbs	-907 lbs
6-30	0.32	-2766 lbs	-2766 lbs	44-46	0.53	2476 lbs	-645 lbs
30-32	0.26	-2774 lbs	-2774 lbs	2-46	0.46	1419 lbs	-365 lbs
32-34	0.33	-2774 lbs	-2774 lbs				
7-34	0.33	-2718 lbs	-2718 lbs				

Web			
1-12	0.09	634 lbs	-623 lbs
4-14	0.09	885 lbs	-617 lbs
15-16	0.30	5890 lbs	-1365 lbs
17-18	0.20	3902 lbs	-993 lbs
19-20	0.03	665 lbs	-177 lbs
5-21	0.67	-4395 lbs	-4395 lbs
22-23	0.26	-1494 lbs	-1494 lbs
24-25	0.62	-2128 lbs	-2128 lbs
26-27	0.04	-87 lbs	-87 lbs
6-28	0.23	1622 lbs	-460 lbs
29-30	0.13	-218 lbs	-218 lbs
31-32	0.02	130 lbs	-39 lbs
33-34	0.17	1167 lbs	-339 lbs
7-35	0.55	-1605 lbs	-1605 lbs
37-38	0.05	400 lbs	-126 lbs
39-40	0.65	-4875 lbs	-4875 lbs
41-42	0.17	-729 lbs	-729 lbs
9-43	0.46	-2948 lbs	-2948 lbs
44-45	0.03	529 lbs	-132 lbs
10-46	0.01	290 lbs	-85 lbs
2-11	0.33	-2250 lbs	-2250 lbs
14-16	0.78	-5092 lbs	-5092 lbs
15-18	0.73	-4806 lbs	-4806 lbs
17-20	0.51	-3396 lbs	-3396 lbs

Web			
21-23	0.09	1826 lbs	-502 lbs
22-25	0.12	2164 lbs	-560 lbs
24-27	0.18	1870 lbs	-519 lbs
28-30	0.09	159 lbs	-147 lbs
29-32	0.08	155 lbs	-135 lbs
32-33	0.25	-412 lbs	-412 lbs
34-35	0.57	-928 lbs	-928 lbs
38-39	0.50	3535 lbs	-1082 lbs
40-41	0.21	2169 lbs	-652 lbs
42-43	0.04	691 lbs	-204 lbs
45-46	0.45	-2759 lbs	-2759 lbs
20-21	0.14	2790 lbs	-701 lbs
43-45	0.12	2476 lbs	-685 lbs
27-28	0.68	-1357 lbs	-1357 lbs
11-46	0.13	2575 lbs	-663 lbs
35-38	0.23	1646 lbs	-446 lbs

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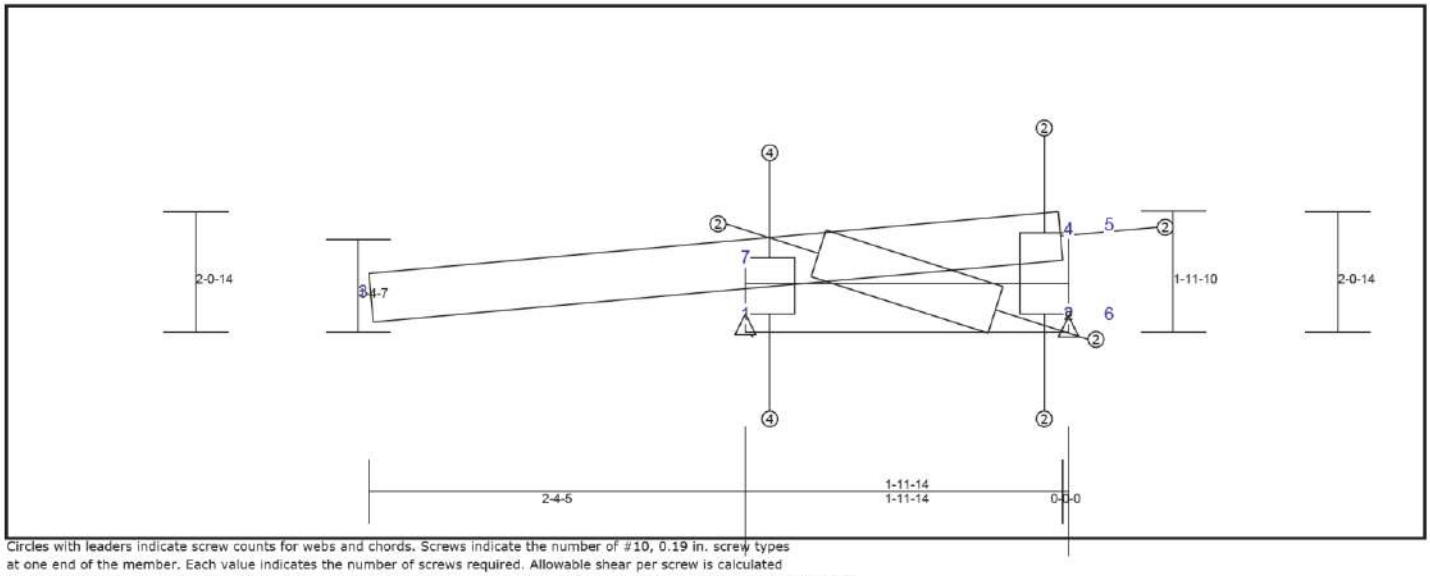
TRUSS TB04 (spacing 24 in)



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 :	0.50 (7 - 4)	TL(V): 0.07 in.	L / 758	3	L / 360
BC :	0.09 (1 - 2)	LL(V): 0.05 in.	L / 999	3	L / 360
Web :	0.20 (1 - 7)	DL(V): 0.02 in.	L / 999	3	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	3	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	3	2L / 360
		Horiz TL: 0.02 in.		3	
		Web :			
		Snow/Wind -0.06 in.	L / 943	3	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 999	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		30 lbs	580 lbs	0 lbs	-230 lbs	30 lbs
2	Pin		110 lbs	-110 lbs	-110 lbs	-100 lbs	110 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
2-0-7	4-4-3

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

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	75 lbs	0 lbs	1-2	0.09	107 lbs	-51 lbs	1-7	0.20	-551 lbs	-551 lbs
4-7	0.50	-109 lbs	-109 lbs					2-4	0.03	126 lbs	-75 lbs
								2-7	0.04	215 lbs	-102 lbs

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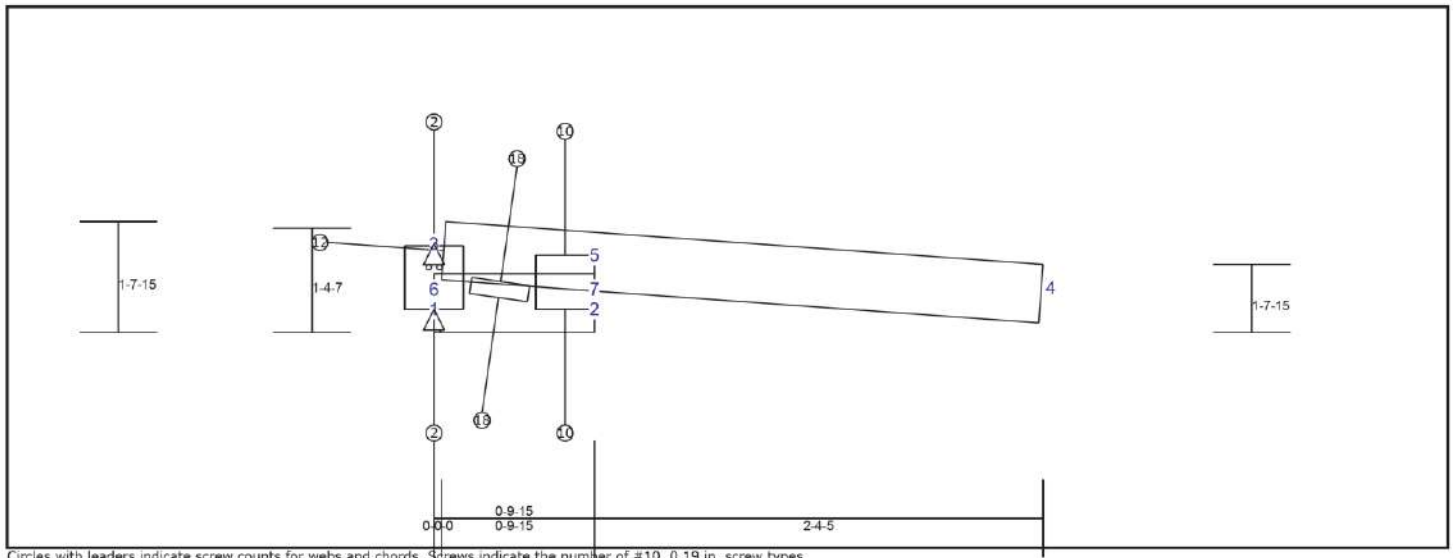
TRUSS TB05 (spacing 24 in)



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 :	0.41 (3 - 5)	TL(V): 0.08 in.	L / 501	4	L / 360
BC :	0.41 (1 - 2)	LL(V): 0.05 in.	L / 765	4	L / 360
Web :	0.60 (1 - 5)	DL(V): 0.03 in.	L / 999	4	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	4	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	4	2L / 360
		Horiz TL: 0.03 in.		3	
		Web :			
		Snow/Wind -0.04 in.	L / 940	4	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-90 lbs	-1890 lbs	-340 lbs	-1890 lbs	-90 lbs
3	HRoll		0 lbs	1700 lbs	-390 lbs	-1180 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
1-7-8	3-4-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

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	595 lbs	-447 lbs	1-2	0.41	91 lbs	-48 lbs	2-5	0.52	-1456 lbs	-1456 lbs
4-5	0.39	75 lbs	0 lbs					1-3	0.00	0 lbs	0 lbs
								1-5	0.60	3160 lbs	-1667 lbs

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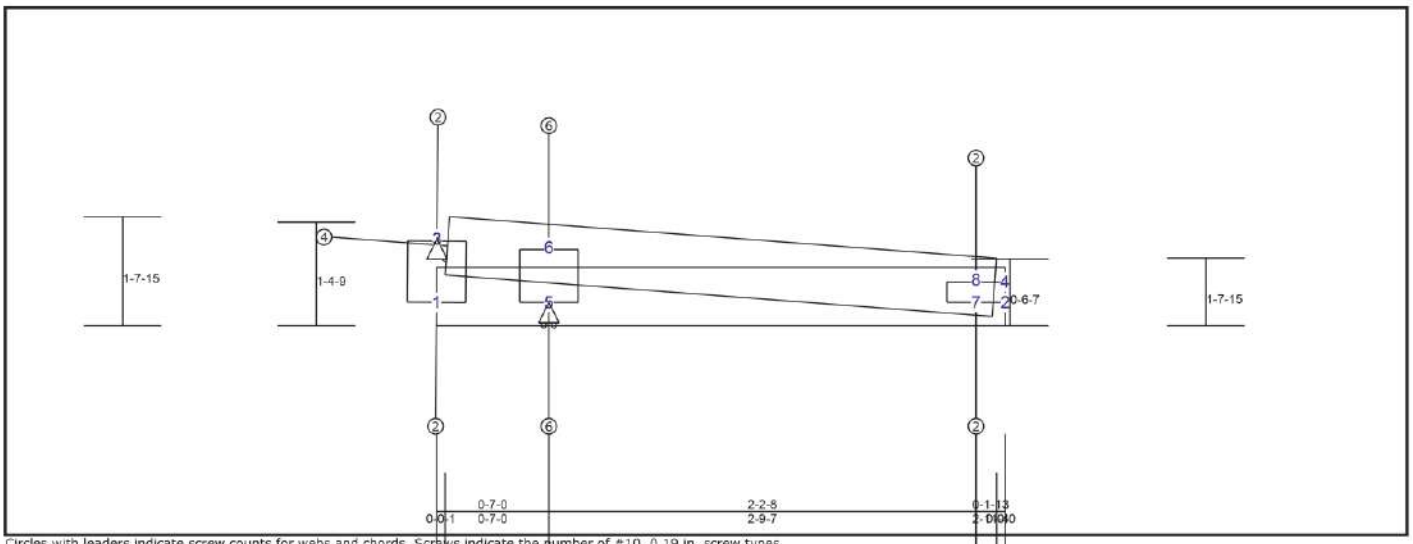
TRUSS TB06 (spacing 24 in)



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.Member 5-6 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 :	0.63 (6 - 8)	TL(V): 0.05 in.	L / 737	4	L / 360
BC :	0.01 (1 - 5)	LL(V): 0.03 in.	L / 999	4	L / 360
Web :	0.35 (5 - 6)	DL(V): 0.02 in.	L / 999	4	L / 0
		Cant / OH TL: 0.03 in.	2L / 999	4	2L / 360
		Cant / OH LL: 0.03 in.	2L / 999	4	2L / 360
		Horiz TL: -4.15 in.		1	
		Web :			
		Snow/Wind -0.03 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Fixed		-90 lbs	-650 lbs	-510 lbs	-650 lbs	-90 lbs
5	HRoll		0 lbs	1010 lbs	0 lbs	-420 lbs	0 lbs
6	NA		0 lbs	1010 lbs	0 lbs	-420 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
1-7-7	3-1-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.57	-273 lbs	-273 lbs	1-5	0.01	0 lbs	0 lbs	1-3	0.00	0 lbs	0 lbs
6-8	0.63	-273 lbs	-273 lbs	5-7	0.01	0 lbs	0 lbs	5-6	0.35	-987 lbs	-987 lbs
4-8	0.02	81 lbs	0 lbs	2-7	0.01	0 lbs	0 lbs	7-8	0.00	17 lbs	0 lbs

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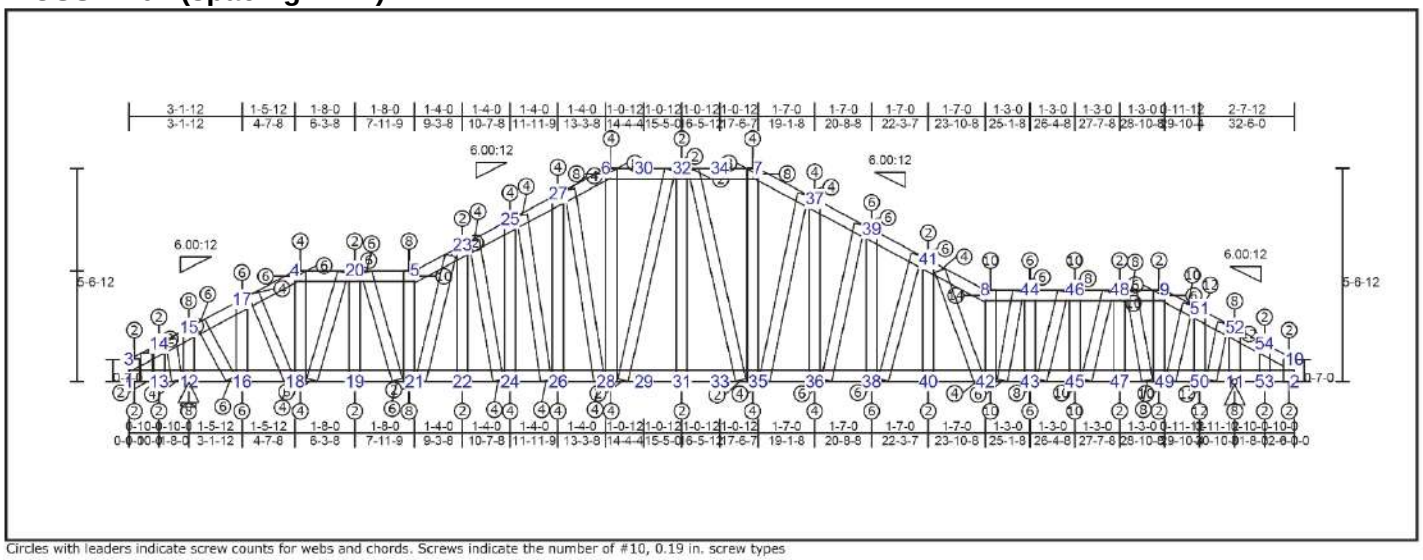
TRUSS TB07 (spacing 24 in)



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 :	0.65 (46 - 48)	TL(V): 0.27 in.	L / 316	(41-8)	L / 360
BC :	0.82 (42 - 43)	LL(V): 0.15 in.	L / 562	(41-8)	L / 360
Web :	0.96 (35 - 37)	DL(V): 0.12 in.	L / 722	(41-8)	L / 0
		Cant / OH TL: -0.04 in.	2L / 96	10	2L / 360
		Cant / OH LL: -0.04 in.	2L / 96	10	2L / 360
		Horiz TL: -0.03 in.		9	
		Web :			
		Snow/Wind -0.13 in.	L / 999	(38-40)	L / 360
		Cant (Snow/Wind) 0.03 in.	L / 130	10	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	Pin		170 lbs	2000 lbs	0 lbs	-360 lbs	170 lbs
12	HRoll		170 lbs	2000 lbs	0 lbs	-360 lbs	170 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
5-6-12	32-6-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-14	0.08	-151 lbs	-151 lbs	1-13	0.08	6 lbs	-2 lbs	1-3	0.01	-53 lbs	-53 lbs
14-15	0.40	-1062 lbs	-1062 lbs	12-13	0.13	154 lbs	-41 lbs	13-14	0.09	-618 lbs	-618 lbs
15-17	0.38	-2164 lbs	-2164 lbs	12-16	0.37	1258 lbs	-324 lbs	12-15	0.41	-2750 lbs	-2750 lbs
4-17	0.31	-2164 lbs	-2164 lbs	16-18	0.37	1886 lbs	-488 lbs	16-17	0.35	-2296 lbs	-2296 lbs
4-20	0.42	-2602 lbs	-2602 lbs	18-19	0.42	2552 lbs	-669 lbs	4-18	0.05	1046 lbs	-286 lbs
5-20	0.53	-3200 lbs	-3200 lbs	19-21	0.52	3150 lbs	-825 lbs	19-20	0.02	368 lbs	-101 lbs
5-23	0.41	-3734 lbs	-3734 lbs	21-22	0.43	3150 lbs	-825 lbs	5-21	0.66	-2837 lbs	-2837 lbs
23-25	0.37	-3347 lbs	-3347 lbs	22-24	0.31	2967 lbs	-770 lbs	22-23	0.03	458 lbs	-115 lbs
25-27	0.33	-3073 lbs	-3073 lbs	24-26	0.26	2725 lbs	-705 lbs	24-25	0.17	1427 lbs	-422 lbs
6-27	0.27	-2801 lbs	-2801 lbs	26-28	0.22	2514 lbs	-651 lbs	26-27	0.22	1208 lbs	-392 lbs
6-32	0.27	-2493 lbs	-2493 lbs	28-31	0.17	2386 lbs	-639 lbs	6-28	0.24	1301 lbs	-377 lbs
7-32	0.27	-2512 lbs	-2512 lbs	31-35	0.27	2405 lbs	-654 lbs	7-35	0.23	1290 lbs	-366 lbs
7-37	0.31	-2890 lbs	-2890 lbs	35-36	0.28	2718 lbs	-754 lbs	36-37	0.25	1622 lbs	-493 lbs
37-39	0.39	-3328 lbs	-3328 lbs	36-38	0.33	3120 lbs	-875 lbs	38-39	0.19	1980 lbs	-555 lbs
39-41	0.47	-3848 lbs	-3848 lbs	38-40	0.38	3636 lbs	-1020 lbs	40-41	0.03	514 lbs	-145 lbs
8-41	0.57	-4879 lbs	-4879 lbs	40-42	0.56	4157 lbs	-1151 lbs	8-42	0.60	-3614 lbs	-3614 lbs
8-44	0.56	-4196 lbs	-4196 lbs	42-43	0.82	4157 lbs	-1151 lbs	43-44	0.33	-2001 lbs	-2001 lbs
44-46	0.49	-3771 lbs	-3771 lbs	43-45	0.82	3732 lbs	-1030 lbs	45-46	0.57	-3472 lbs	-3472 lbs
46-48	0.65	-3074 lbs	-3074 lbs	45-47	0.58	3035 lbs	-841 lbs	47-48	0.01	117 lbs	-30 lbs
9-48	0.55	-2258 lbs	-2258 lbs	47-49	0.59	2219 lbs	-629 lbs	9-49	0.04	703 lbs	-207 lbs
9-51	0.59	-2284 lbs	-2284 lbs	49-50	0.66	1647 lbs	-485 lbs	50-51	0.71	-4642 lbs	-4642 lbs
51-52	0.59	-2284 lbs	-2284 lbs	11-50	0.66	857 lbs	-296 lbs	11-52	0.48	-3213 lbs	-3213 lbs
52-54	0.52	-1268 lbs	-1268 lbs	11-53	0.21	-167 lbs	-167 lbs	53-54	0.01	255 lbs	-63 lbs
10-54	0.06	169 lbs	-25 lbs	2-53	0.04	0 lbs	0 lbs	2-10	0.00	-27 lbs	-27 lbs

Web			
31-32	0.23	-306 lbs	-306 lbs
3-13	0.01	270 lbs	-72 lbs
12-14	0.05	946 lbs	-253 lbs
15-16	0.11	2202 lbs	-563 lbs
17-18	0.08	1548 lbs	-406 lbs
20-21	0.10	2029 lbs	-528 lbs
23-24	0.50	-1332 lbs	-1332 lbs
25-26	0.70	-1375 lbs	-1375 lbs
27-28	0.73	-1091 lbs	-1091 lbs
35-37	0.96	-1446 lbs	-1446 lbs
36-39	0.86	-1810 lbs	-1810 lbs
38-41	0.61	-1887 lbs	-1887 lbs
42-44	0.12	2296 lbs	-649 lbs
43-46	0.14	2804 lbs	-762 lbs
45-48	0.16	3280 lbs	-854 lbs
49-51	0.17	3407 lbs	-824 lbs
50-52	0.20	4084 lbs	-989 lbs
28-32	0.17	-217 lbs	-217 lbs
32-35	0.07	86 lbs	-84 lbs
21-23	0.06	740 lbs	-222 lbs
18-20	0.56	-2260 lbs	-2260 lbs
41-42	0.10	1455 lbs	-414 lbs
48-49	0.52	-3092 lbs	-3092 lbs

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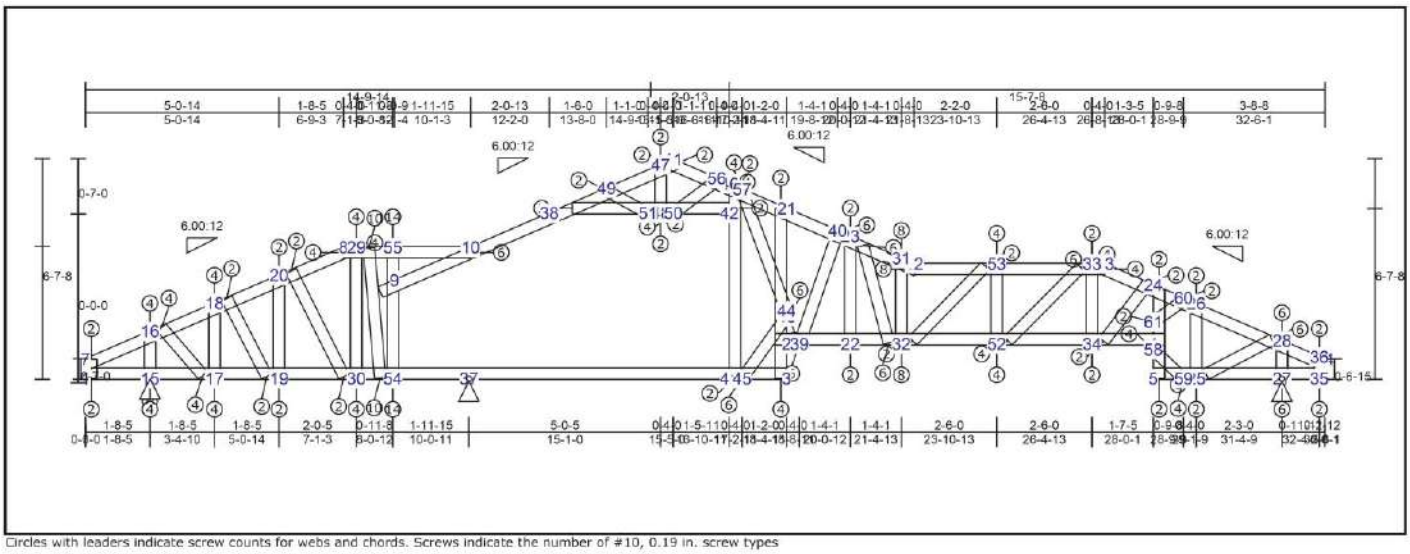
TRUSS TB08 (spacing 24 in)



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 :	0.82 (29 - 55)	TL(V): 0.36 in.	L / 288	(9-10)	L / 360
BC :	0.84 (30 - 54)	LL(V): 0.23 in.	L / 457	(9-10)	L / 360
Web :	0.96 (54 - 55)	DL(V): 0.13 in.	L / 777	(9-10)	L / 0
		Cant / OH TL: 0.23 in.	2L / 999	(9-10)	2L / 360
		Cant / OH LL: 0.23 in.	2L / 999	(9-10)	2L / 360
		Horiz TL: -0.04 in.		13	
		Web :			
		Snow/Wind -0.25 in.	L / 417	(9-10)	L / 360
		Cant (Snow/Wind) -0.25 in.	L / 999	(9-10)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
15	HRoll		2300 lbs	1430 lbs	0 lbs	-170 lbs	2300 lbs
27	Pin		-2320 lbs	1630 lbs	0 lbs	-340 lbs	-2320 lbs
37	Pin		2300 lbs	1430 lbs	0 lbs	-170 lbs	2300 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
6-8-11	32-6-2

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
12-53	0.30	-2719 lbs	-2719 lbs
33-53	0.43	-2488 lbs	-2488 lbs
13-33	0.21	-1520 lbs	-1520 lbs
13-24	0.22	-1637 lbs	-1637 lbs
24-60	0.20	-1708 lbs	-1708 lbs
26-60	0.20	-1708 lbs	-1708 lbs
26-28	0.32	-1708 lbs	-1708 lbs
28-36	0.30	-735 lbs	-735 lbs
14-36	0.03	110 lbs	-20 lbs
11-56	0.21	-1238 lbs	-1238 lbs
46-56	0.21	-1238 lbs	-1238 lbs
46-57	0.32	-1431 lbs	-1431 lbs
21-57	0.40	-2251 lbs	-2251 lbs
21-40	0.32	-2059 lbs	-2059 lbs
23-40	0.35	-2059 lbs	-2059 lbs
23-31	0.54	-3513 lbs	-3513 lbs
12-31	0.48	-3513 lbs	-3513 lbs
9-10	0.30	-1641 lbs	-1641 lbs
10-38	0.27	-1641 lbs	-1641 lbs
38-49	0.28	-1641 lbs	-1641 lbs
47-49	0.17	-843 lbs	-843 lbs
11-47	0.15	-346 lbs	-346 lbs
8-29	0.13	-1119 lbs	-1119 lbs

Top Chord			
29-55	0.62	-1375 lbs	-1375 lbs
10-55	0.62	-1375 lbs	-1375 lbs
7-16	0.21	-505 lbs	-505 lbs
16-18	0.21	-1004 lbs	-1004 lbs
18-20	0.12	-1259 lbs	-1259 lbs
8-20	0.18	-1259 lbs	-1259 lbs

Bot Chord			
2-39	0.44	-683 lbs	-683 lbs
22-39	0.48	-683 lbs	-683 lbs
22-32	0.51	334 lbs	-193 lbs
32-52	0.51	334 lbs	-129 lbs
34-52	0.29	-865 lbs	-865 lbs
4-34	0.38	-1164 lbs	-1164 lbs
1-15	0.02	0 lbs	0 lbs
15-17	0.17	658 lbs	-235 lbs
17-19	0.17	833 lbs	-297 lbs
19-30	0.25	1047 lbs	-392 lbs
30-54	0.84	1302 lbs	-499 lbs
37-54	0.84	1302 lbs	-996 lbs
37-41	0.79	1302 lbs	-996 lbs
41-45	0.65	-996 lbs	-996 lbs
3-45	0.67	-991 lbs	-991 lbs
5-59	0.38	-802 lbs	-802 lbs
25-59	0.34	-802 lbs	-802 lbs
25-27	0.75	-2323 lbs	-2323 lbs
27-35	0.75	-2323 lbs	-2323 lbs
6-35	0.03	0 lbs	0 lbs

Web			
1-7	0.00	35 lbs	-8 lbs
15-16	0.19	-1294 lbs	-1294 lbs
17-18	0.13	-833 lbs	-833 lbs
19-20	0.19	-766 lbs	-766 lbs
22-23	0.05	413 lbs	-192 lbs
5-58	0.17	631 lbs	-496 lbs
4-58	0.00	0 lbs	-0 lbs
4-61	0.21	-544 lbs	-544 lbs
24-61	0.07	-544 lbs	-544 lbs
25-26	0.04	-253 lbs	-253 lbs
27-28	0.28	-1889 lbs	-1889 lbs
29-30	0.30	893 lbs	-753 lbs
31-32	0.47	-2526 lbs	-2526 lbs
33-34	0.08	-487 lbs	-487 lbs
35-36	0.01	144 lbs	-45 lbs
39-40	0.57	-1706 lbs	-1706 lbs
43-45	0.26	-1719 lbs	-1719 lbs
52-53	0.14	-854 lbs	-854 lbs
54-55	0.96	-5437 lbs	-5437 lbs
2-3	0.08	906 lbs	-426 lbs
2-43	0.15	2026 lbs	-943 lbs
43-44	0.00	0 lbs	-0 lbs
21-44	0.10	566 lbs	-493 lbs
44-57	0.17	1113 lbs	-544 lbs
58-59	0.22	-1520 lbs	-1520 lbs
60-61	0.06	-408 lbs	-408 lbs
41-42	0.10	386 lbs	-229 lbs
42-46	0.10	513 lbs	-302 lbs
38-51	0.12	-883 lbs	-883 lbs
48-51	0.16	-883 lbs	-883 lbs
48-50	0.16	-883 lbs	-883 lbs
42-50	0.17	-883 lbs	-883 lbs
47-48	0.06	791 lbs	-407 lbs
49-51	0.01	-99 lbs	-99 lbs
50-56	0.18	-1238 lbs	-1238 lbs
16-17	0.06	1097 lbs	-391 lbs
18-19	0.03	429 lbs	-153 lbs
20-30	0.08	536 lbs	-238 lbs
23-32	0.27	2344 lbs	-1049 lbs
24-34	0.04	543 lbs	-234 lbs
25-28	0.10	1775 lbs	-672 lbs
32-53	0.04	358 lbs	-153 lbs
33-52	0.16	1485 lbs	-618 lbs
29-54	0.59	3408 lbs	-1432 lbs

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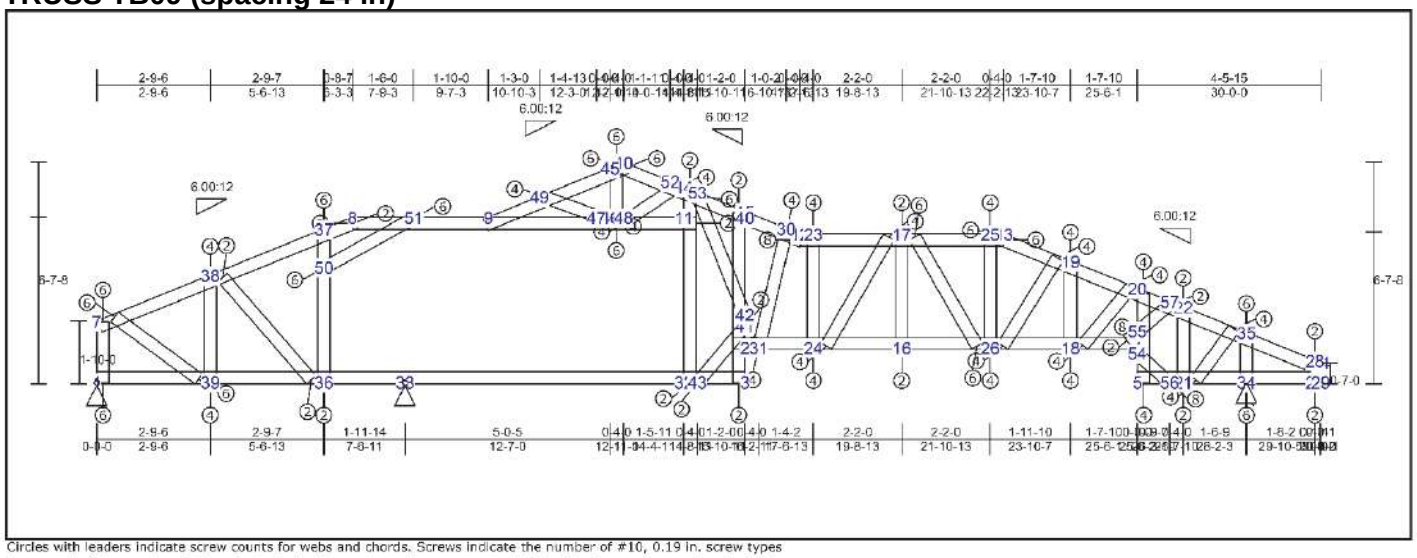
TRUSS TB09 (spacing 24 in)



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 :	0.94 (9 - 46)	TL(V): 0.23 in	L / 248	(44-53)	L / 360
BC :	0.57 (21 - 34)	LL(V): 0.13 in.	L / 428	(44-53)	L / 360
Web :	0.90 (36 - 50)	DL(V): 0.1 in.	L / 587	(44-53)	L / 0
		Cant / OH TL: 0.13 in.	2L / 175	(44-53)	2L / 360
		Cant / OH LL: 0.13 in.	2L / 175	(44-53)	2L / 360
		Horiz TL: -0.05 in.		50	
		Web :			
		Snow/Wind -0.12 in.	L / 999	(32-43)	L / 360
		Cant (Snow/Wind) -0.12 in.	L / 183	(32-43)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1260 lbs	1830 lbs	0 lbs	-150 lbs	1260 lbs
33	Pin		1200 lbs	250 lbs	0 lbs	-150 lbs	1200 lbs
34	Fixed		-2430 lbs	2180 lbs	0 lbs	-570 lbs	-2430 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-8-11	30-0-2

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
13-19	0.25	-2125 lbs	-2125 lbs
19-20	0.25	-2125 lbs	-2125 lbs
20-57	0.22	-1509 lbs	-1509 lbs
22-57	0.12	-1248 lbs	-1248 lbs
22-35	0.32	-1074 lbs	-1074 lbs
28-35	0.37	-726 lbs	-726 lbs
14-28	0.03	140 lbs	-23 lbs
12-23	0.38	-3150 lbs	-3150 lbs
17-23	0.41	-3150 lbs	-3150 lbs
17-25	0.38	-2648 lbs	-2648 lbs
13-25	0.25	-1929 lbs	-1929 lbs
10-52	0.17	-1971 lbs	-1971 lbs
44-52	0.20	-2378 lbs	-2378 lbs
44-53	0.36	-2378 lbs	-2378 lbs
15-53	0.52	-3585 lbs	-3585 lbs
15-30	0.38	-3413 lbs	-3413 lbs
12-30	0.40	-3413 lbs	-3413 lbs
9-49	0.70	-2993 lbs	-2993 lbs
45-49	0.30	-2993 lbs	-2993 lbs
10-45	0.34	-2074 lbs	-2074 lbs
7-38	0.47	-2149 lbs	-2149 lbs
37-38	0.35	-2221 lbs	-2221 lbs
8-37	0.15	-236 lbs	-236 lbs

Top Chord			
8-51	0.37	-2358 lbs	-2358 lbs
9-51	0.83	-2358 lbs	-2358 lbs
9-46	0.94	-2358 lbs	-2358 lbs
46-48	0.22	-667 lbs	-667 lbs
11-48	0.11	285 lbs	-154 lbs

Bot Chord			
2-31	0.32	395 lbs	-195 lbs
24-31	0.29	632 lbs	-284 lbs
16-24	0.26	632 lbs	-284 lbs
16-26	0.31	-589 lbs	-589 lbs
18-26	0.29	-1003 lbs	-1003 lbs
4-18	0.33	-1476 lbs	-1476 lbs
1-39	0.30	-1264 lbs	-1264 lbs
36-39	0.30	1027 lbs	-454 lbs
33-36	0.22	1027 lbs	-454 lbs
32-33	0.23	1027 lbs	-454 lbs
32-43	0.25	265 lbs	-172 lbs
3-43	0.24	223 lbs	-136 lbs
5-56	0.48	-1655 lbs	-1655 lbs
21-56	0.39	-1655 lbs	-1655 lbs
21-34	0.57	-2434 lbs	-2434 lbs
27-34	0.57	-2434 lbs	-2434 lbs
6-27	0.03	0 lbs	0 lbs

Web			
1-7	0.28	-1864 lbs	-1864 lbs
2-3	0.04	450 lbs	-255 lbs
2-41	0.19	1722 lbs	-958 lbs
41-42	0.12	1389 lbs	-626 lbs
15-42	0.15	1389 lbs	-626 lbs
16-17	0.03	193 lbs	-87 lbs
18-19	0.24	-1299 lbs	-1299 lbs
21-22	0.10	-662 lbs	-662 lbs
20-55	0.21	-1154 lbs	-1154 lbs
4-55	0.44	-960 lbs	-960 lbs
4-54	0.00	0 lbs	0 lbs
5-54	0.35	1351 lbs	-960 lbs
23-24	0.32	-1062 lbs	-1062 lbs
25-26	0.13	934 lbs	-443 lbs
27-28	0.01	149 lbs	-51 lbs
30-31	0.44	-1259 lbs	-1259 lbs
34-35	0.29	-1938 lbs	-1938 lbs
36-50	0.90	1116 lbs	-602 lbs
37-50	0.90	1116 lbs	-802 lbs
38-39	0.42	-1538 lbs	-1538 lbs
41-43	0.08	407 lbs	-404 lbs
45-48	0.14	1865 lbs	-903 lbs
46-49	0.21	-1357 lbs	-1357 lbs
50-51	0.49	-2426 lbs	-2426 lbs
11-32	0.15	-265 lbs	-265 lbs
11-44	0.07	-265 lbs	-265 lbs
48-52	0.14	-961 lbs	-961 lbs
42-53	0.31	1869 lbs	-998 lbs
55-57	0.05	629 lbs	-318 lbs
54-56	0.46	-3110 lbs	-3110 lbs
18-20	0.05	849 lbs	-317 lbs
18-26	0.09	921 lbs	-364 lbs
17-26	0.63	-1704 lbs	-1704 lbs
17-24	0.21	1191 lbs	-802 lbs
21-35	0.09	1317 lbs	-376 lbs
36-38	0.11	580 lbs	-283 lbs
7-39	0.20	2037 lbs	-864 lbs

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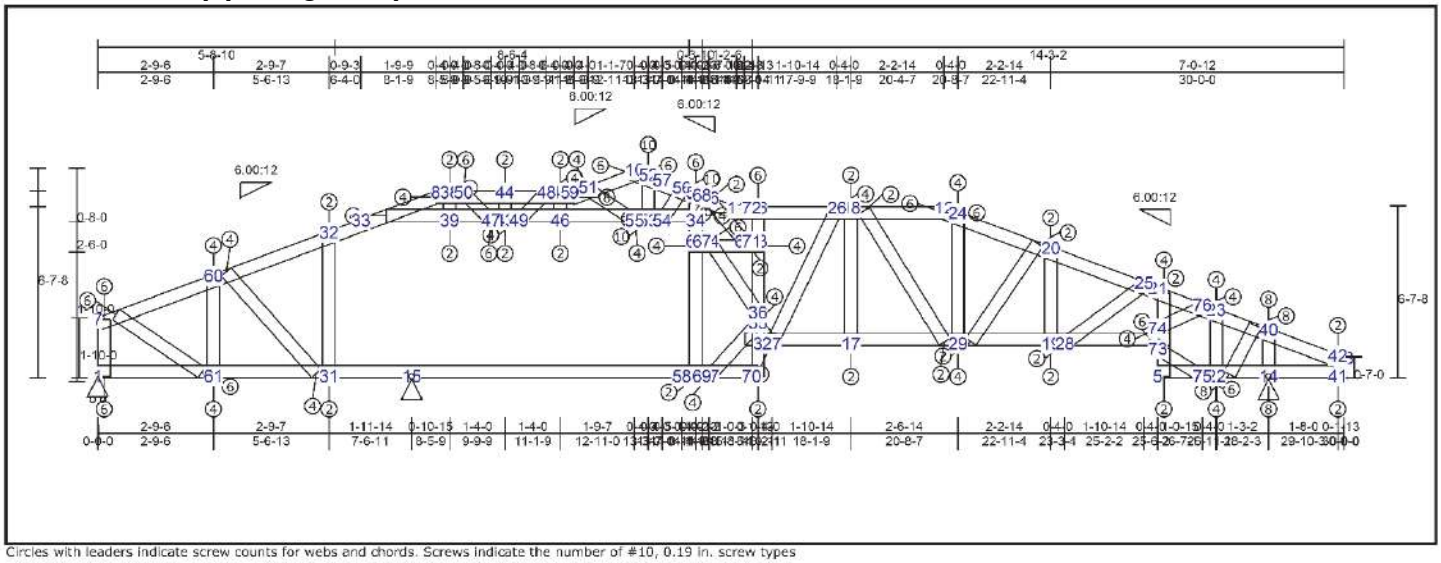
TRUSS TB10 (spacing 24 in)



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 :	0.60 (11 - 16)	TL(V): 0.24 in	L / 133	(66-11)	L / 360
BC :	0.68 (22 - 14)	LL(V): 0.14 in.	L / 239	(66-11)	L / 360
Web :	0.54 (55 - 53)	DL(V): 0.11 in.	L / 301	(66-11)	L / 0
		Cant / OH TL: 0.12 in.	2L / 0	(37-2)	2L / 360
		Cant / OH LL: 0.12 in.	2L / 0	(37-2)	2L / 360
		Horiz TL: -0.04 in.		12	
		Web :			
		Snow/Wind -0.12 in.	L / 279	(66-11)	L / 360
		Cant (Snow/Wind) -0.1 in	L / 0	(37-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		-550 lbs	1670 lbs	0 lbs	-30 lbs	-550 lbs
14	Pin		-2060 lbs	1940 lbs	0 lbs	-480 lbs	-2060 lbs
15	Pin		2090 lbs	120 lbs	0 lbs	-30 lbs	2090 lbs

Materials

Type	Material	Bracing
Top Chd	3625162-54(50)	Sheathing
Bot Chd	3625162-54(50)	Purlin (96 in.)
Web	3625162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-8-14	30-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord

7-60	0.42	-1950 lbs	-1950 lbs
32-60	0.38	-2077 lbs	-2077 lbs
32-33	0.38	-2077 lbs	-2077 lbs
8-33	0.41	-2077 lbs	-2077 lbs
9-51	0.33	-2525 lbs	-2525 lbs
10-51	0.33	-2525 lbs	-2525 lbs
11-16	0.60	-2454 lbs	-2454 lbs
16-26	0.60	-2454 lbs	-2454 lbs
18-26	0.28	-2145 lbs	-2145 lbs
12-18	0.23	-2145 lbs	-2145 lbs
12-24	0.24	-1664 lbs	-1664 lbs
20-24	0.31	-2143 lbs	-2143 lbs
20-25	0.24	-2143 lbs	-2143 lbs
21-25	0.19	-2003 lbs	-2003 lbs
21-76	0.24	-1878 lbs	-1878 lbs
23-76	0.14	-1321 lbs	-1321 lbs
23-40	0.48	-1321 lbs	-1321 lbs
40-42	0.42	-1025 lbs	-1025 lbs
13-42	0.01	96 lbs	-6 lbs
8-38	0.20	-771 lbs	-771 lbs
38-50	0.32	-771 lbs	-771 lbs
44-50	0.44	-1770 lbs	-1770 lbs
44-48	0.40	-2570 lbs	-2570 lbs

Top Chord

45-48	0.37	-2570 lbs	-2570 lbs
9-45	0.28	-2570 lbs	-2570 lbs
10-52	0.43	-1090 lbs	-1090 lbs
52-56	0.53	-2632 lbs	-2632 lbs
56-59	0.48	-2632 lbs	-2632 lbs
59-66	0.42	-2881 lbs	-2881 lbs
11-66	0.31	-2881 lbs	-2881 lbs

Bot Chord

1-61	0.29	1323 lbs	-841 lbs
31-61	0.37	1807 lbs	-780 lbs
15-31	0.38	1807 lbs	-780 lbs
15-30	0.44	1807 lbs	-780 lbs
30-37	0.44	-287 lbs	-287 lbs
2-37	0.33	328 lbs	-287 lbs
3-27	0.26	284 lbs	-162 lbs
17-27	0.17	284 lbs	-162 lbs
17-29	0.16	-356 lbs	-356 lbs
19-29	0.18	-356 lbs	-356 lbs
19-28	0.18	-333 lbs	-333 lbs
4-28	0.21	-654 lbs	-654 lbs
5-75	0.57	-1128 lbs	-1128 lbs
22-75	0.52	-1128 lbs	-1128 lbs
14-22	0.68	-2060 lbs	-2060 lbs
14-41	0.64	-2060 lbs	-2060 lbs
8-41	0.01	0 lbs	0 lbs

Web

1-7	0.25	-1666 lbs	-1666 lbs
17-18	0.03	128 lbs	-60 lbs
19-20	0.12	-500 lbs	-500 lbs
5-73	0.25	707 lbs	-521 lbs
4-73	0.00	0 lbs	-0 lbs
4-74	0.26	-521 lbs	-521 lbs
21-74	0.19	-859 lbs	-859 lbs
22-23	0.20	-1289 lbs	-1289 lbs
24-29	0.20	880 lbs	-450 lbs
26-27	0.25	910 lbs	-471 lbs
25-28	0.05	460 lbs	-245 lbs
31-32	0.15	-283 lbs	-283 lbs
35-37	0.17	-1090 lbs	-1090 lbs
14-40	0.37	-2507 lbs	-2507 lbs
41-42	0.00	59 lbs	-13 lbs
60-61	0.40	-1482 lbs	-1482 lbs
74-76	0.06	858 lbs	-385 lbs
73-75	0.29	-1948 lbs	-1948 lbs
30-62	0.10	1572 lbs	-782 lbs
34-62	0.20	1572 lbs	-782 lbs
34-59	0.37	2220 lbs	-1125 lbs
33-39	0.17	-1128 lbs	-1128 lbs
39-47	0.30	-1128 lbs	-1128 lbs
43-47	0.22	204 lbs	-187 lbs
43-49	0.22	204 lbs	-187 lbs

46-49	0.33	671 lbs	-289 lbs
46-55	0.19	671 lbs	-289 lbs
53-55	0.54	415 lbs	-192 lbs
53-54	0.54	415 lbs	-192 lbs
34-54	0.54	1306 lbs	-685 lbs
2-3	0.09	507 lbs	-271 lbs
3-35	0.11	-1259 lbs	-1259 lbs
35-36	0.32	-2825 lbs	-2825 lbs
36-63	0.36	-2825 lbs	-2825 lbs
18-63	0.46	-2120 lbs	-2120 lbs
62-64	0.23	503 lbs	-264 lbs
64-65	0.35	503 lbs	-294 lbs
63-65	0.18	-503 lbs	-503 lbs
38-39	0.02	-144 lbs	-144 lbs
43-44	0.02	-164 lbs	-164 lbs
47-50	0.12	1678 lbs	-793 lbs
45-46	0.01	-85 lbs	-85 lbs
48-49	0.20	-1343 lbs	-1343 lbs
51-55	0.18	-1115 lbs	-1115 lbs
52-53	0.24	3381 lbs	-1594 lbs
54-56	0.50	-3389 lbs	-3389 lbs
36-64	0.18	1757 lbs	-814 lbs
65-66	0.08	-389 lbs	-389 lbs
20-29	0.03	219 lbs	-88 lbs
18-29	0.45	-791 lbs	-791 lbs
22-40	0.18	2561 lbs	-1054 lbs
31-60	0.18	873 lbs	-396 lbs
7-61	0.20	1784 lbs	-865 lbs

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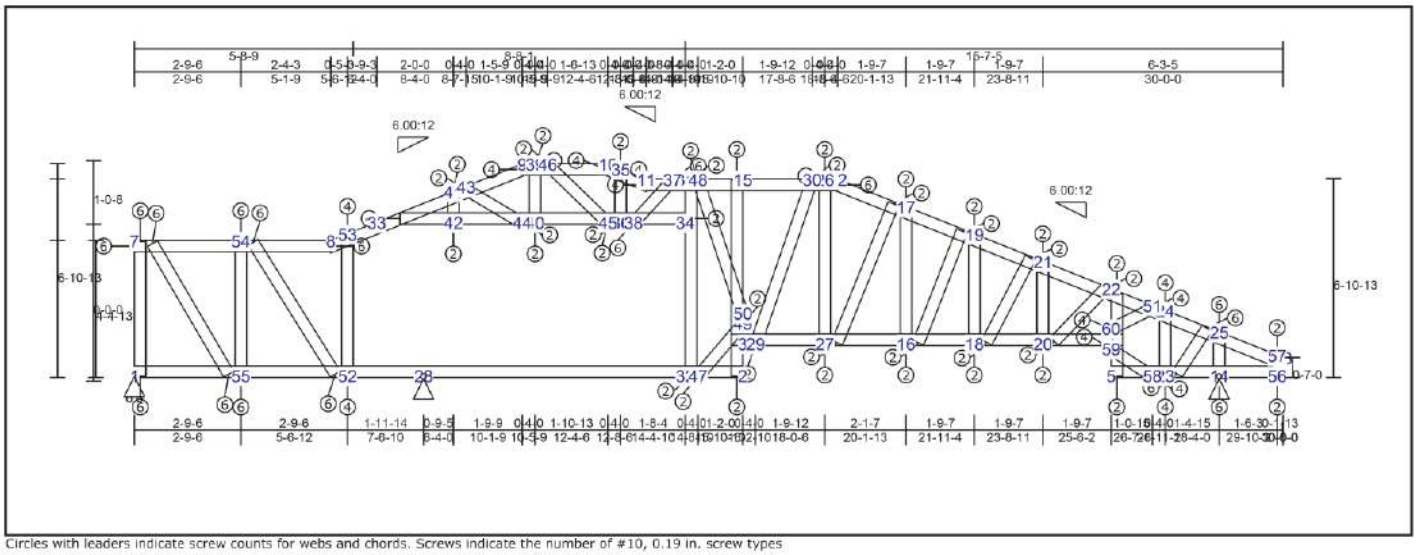
TRUSS TB11 (spacing 24 in)



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 :	0.46 (24 - 25)	TL(V): 0.21 in.	L / 288	(11-37)	L / 360
BC :	0.59 (23 - 14)	LL(V): 0.12 in.	L / 519	(11-37)	L / 360
Web :	0.98 (55 - 54)	DL(V): 0.09 in.	L / 649	(11-37)	L / 0
		Cant / OH TL: 0.09 in.	2L / 0	(3-29)	2L / 360
		Cant / OH LL: 0.09 in.	2L / 0	(3-29)	2L / 360
		Horiz TL: -0.04 in.		53	
		Web :			
		Snow/Wind -0.11 in.	L / 523	(11-37)	L / 360
		Cant (Snow/Wind) -0.09 in.	L / 0	(3-29)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		-860 lbs	1650 lbs	0 lbs	-80 lbs	-860 lbs
14	Pin		-1810 lbs	1920 lbs	0 lbs	-530 lbs	-1810 lbs
28	Pin		1900 lbs	150 lbs	0 lbs	-80 lbs	1900 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
7-1-6	30-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord			
7-54	0.46	-947 lbs	-947 lbs
8-54	0.44	-1827 lbs	-1827 lbs
8-53	0.39	-2057 lbs	-2057 lbs
33-53	0.39	-2057 lbs	-2057 lbs
33-41	0.43	-2057 lbs	-2057 lbs
41-43	0.09	-969 lbs	-969 lbs
9-43	0.11	-1015 lbs	-1015 lbs
9-39	0.11	-907 lbs	-907 lbs
39-46	0.17	-907 lbs	-907 lbs
10-46	0.22	-1246 lbs	-1246 lbs
10-35	0.14	-1240 lbs	-1240 lbs
11-35	0.17	-1488 lbs	-1488 lbs
11-37	0.46	-2331 lbs	-2331 lbs
31-37	0.41	-2331 lbs	-2331 lbs
31-48	0.32	-2331 lbs	-2331 lbs
15-48	0.24	-1955 lbs	-1955 lbs
15-30	0.33	-1925 lbs	-1925 lbs
26-30	0.31	-1810 lbs	-1810 lbs
12-26	0.25	-1810 lbs	-1810 lbs
12-17	0.20	-2040 lbs	-2040 lbs
17-19	0.23	-2189 lbs	-2189 lbs
19-21	0.20	-2247 lbs	-2247 lbs
21-22	0.20	-2247 lbs	-2247 lbs

Top Chord			
22-51	0.20	-2075 lbs	-2075 lbs
24-51	0.16	-1582 lbs	-1582 lbs
24-25	0.46	-1582 lbs	-1582 lbs
25-57	0.40	-973 lbs	-973 lbs
13-57	0.02	100 lbs	-7 lbs

Bot Chord			
1-55	0.46	947 lbs	-437 lbs
52-55	0.52	1827 lbs	-891 lbs
28-52	0.38	1827 lbs	-891 lbs
28-32	0.40	1827 lbs	-891 lbs
32-47	0.20	182 lbs	-100 lbs
2-47	0.18	146 lbs	-79 lbs
3-29	0.15	157 lbs	-63 lbs
27-29	0.10	183 lbs	-151 lbs
16-27	0.10	183 lbs	-151 lbs
16-18	0.07	72 lbs	-45 lbs
18-20	0.09	72 lbs	-71 lbs
4-20	0.11	-181 lbs	-181 lbs
5-58	0.39	-702 lbs	-702 lbs
23-58	0.36	-702 lbs	-702 lbs
14-23	0.59	-1813 lbs	-1813 lbs
14-56	0.58	-1813 lbs	-1813 lbs
6-56	0.02	0 lbs	0 lbs

Web			
1-7	0.87	-1706 lbs	-1706 lbs
2-3	0.04	341 lbs	-210 lbs
3-49	0.06	341 lbs	-282 lbs
49-50	0.04	-282 lbs	-282 lbs
15-50	0.05	-282 lbs	-282 lbs
16-17	0.15	-306 lbs	-306 lbs
18-19	0.05	-161 lbs	-161 lbs
20-21	0.08	-409 lbs	-409 lbs
5-59	0.17	537 lbs	-274 lbs
4-59	0.00	0 lbs	-0 lbs
4-60	0.15	-274 lbs	-274 lbs
22-60	0.14	-599 lbs	-599 lbs
23-24	0.21	-1385 lbs	-1385 lbs
14-25	0.35	-2399 lbs	-2399 lbs
26-27	0.24	431 lbs	-352 lbs
29-30	0.19	432 lbs	-265 lbs
48-50	0.04	-93 lbs	-93 lbs
47-49	0.03	231 lbs	-209 lbs
52-53	0.64	-1182 lbs	-1182 lbs
54-55	0.98	-2408 lbs	-2408 lbs
56-57	0.00	81 lbs	-16 lbs
58-59	0.19	-1287 lbs	-1287 lbs
51-60	0.06	850 lbs	-416 lbs

32-34	0.28	-177 lbs	-177 lbs
31-34	0.25	365 lbs	-237 lbs
33-42	0.11	-1086 lbs	-1086 lbs
42-44	0.11	-1086 lbs	-1086 lbs
40-44	0.08	-977 lbs	-977 lbs
40-45	0.13	-977 lbs	-977 lbs
36-45	0.26	-638 lbs	-638 lbs
36-38	0.26	-638 lbs	-638 lbs
34-38	0.45	-638 lbs	-638 lbs
37-38	0.28	-1860 lbs	-1860 lbs
45-46	0.05	532 lbs	-294 lbs
43-44	0.02	153 lbs	-103 lbs
41-42	0.01	73 lbs	-38 lbs
35-36	0.04	501 lbs	-279 lbs
39-40	0.01	-89 lbs	-89 lbs
16-19	0.12	341 lbs	-325 lbs
18-21	0.02	181 lbs	-72 lbs
20-22	0.02	323 lbs	-139 lbs
23-25	0.15	2399 lbs	-1035 lbs
17-27	0.21	362 lbs	-360 lbs
7-55	0.61	2235 lbs	-1033 lbs
52-54	0.63	1968 lbs	-1033 lbs

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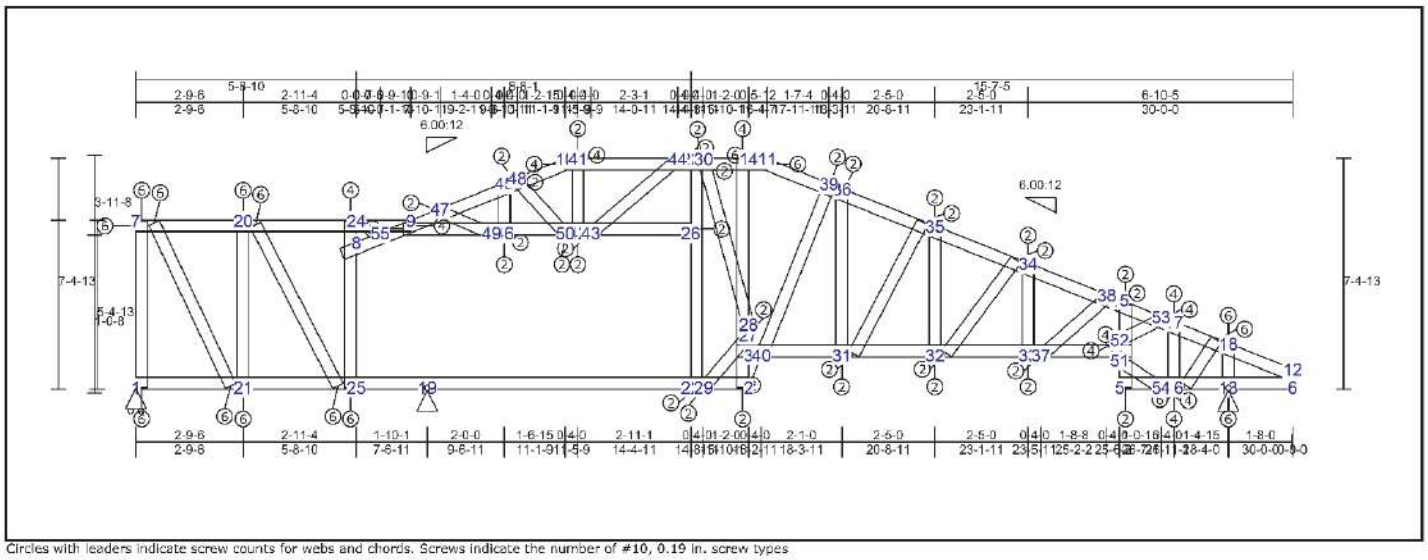
TRUSS TB12 (spacing 24 in)



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 :	0.46 (17 - 18)	TL(V): 0.11 in.	L / 584	(41-44)	L / 360
BC :	0.40 (1 - 21)	LL(V): 0.06 in.	L / 899	(41-44)	L / 360
Web :	0.97 (21 - 20)	DL(V): 0.05 in.	L / 999	(44-23)	L / 0
		Cant / OH TL: 0.05 in.	2L / 0	(29-2)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 0	(29-2)	2L / 360
		Horiz TL: -0.03 in.		8	
		Web :			
		SnowWind -0.05 in.	L / 999	(19-22)	L / 360
		Cant (SnowWind) -0.05 in.	L / 0	(29-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		-580 lbs	1540 lbs	0 lbs	-190 lbs	-580 lbs
13	Pin		-1690 lbs	1870 lbs	0 lbs	-440 lbs	-1690 lbs
19	Pin		1780 lbs	440 lbs	0 lbs	-190 lbs	1780 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
7-7-7	30-0-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
7-20	0.44	-689 lbs	-689 lbs
20-24	0.42	-1359 lbs	-1359 lbs
8-24	0.32	-964 lbs	-964 lbs
10-41	0.19	-1391 lbs	-1391 lbs
41-44	0.21	-1650 lbs	-1650 lbs
23-44	0.16	-1650 lbs	-1650 lbs
23-30	0.18	-1650 lbs	-1650 lbs
14-30	0.32	-1574 lbs	-1574 lbs
11-14	0.27	-1548 lbs	-1548 lbs
11-39	0.15	-1758 lbs	-1758 lbs
36-39	0.19	-1756 lbs	-1758 lbs
35-36	0.26	-2000 lbs	-2000 lbs
34-35	0.22	-2171 lbs	-2171 lbs
34-38	0.22	-2171 lbs	-2171 lbs
15-38	0.18	-2127 lbs	-2127 lbs
15-53	0.21	-2082 lbs	-2082 lbs
17-53	0.16	-1538 lbs	-1538 lbs
17-18	0.46	-1538 lbs	-1538 lbs
12-18	0.35	-893 lbs	-893 lbs
8-55	0.17	-708 lbs	-708 lbs
9-55	0.31	-2171 lbs	-2171 lbs
9-47	0.29	-2171 lbs	-2171 lbs
45-47	0.20	-2171 lbs	-2171 lbs
45-48	0.16	-1642 lbs	-1642 lbs

Top Chord			
10-48	0.13	-1571 lbs	-1571 lbs

Bot Chord			
1-21	0.40	689 lbs	-319 lbs
21-25	0.40	1483 lbs	-640 lbs
19-25	0.26	1483 lbs	-640 lbs
19-22	0.28	1483 lbs	-640 lbs
22-29	0.16	330 lbs	-295 lbs
2-29	0.14	308 lbs	-263 lbs
3-40	0.15	309 lbs	-290 lbs
31-40	0.11	309 lbs	-290 lbs
31-32	0.11	188 lbs	-126 lbs
32-33	0.08	134 lbs	-96 lbs
33-37	0.08	134 lbs	-96 lbs
4-37	0.09	134 lbs	-125 lbs
5-54	0.28	-632 lbs	-632 lbs
18-54	0.37	-632 lbs	-632 lbs
13-18	0.38	-1692 lbs	-1692 lbs
6-13	0.14	-1692 lbs	-1692 lbs

Web			
1-7	0.87	-1630 lbs	-1630 lbs
2-3	0.10	235 lbs	-146 lbs
3-27	0.13	755 lbs	-537 lbs
27-28	0.03	678 lbs	-339 lbs
14-28	0.17	831 lbs	-514 lbs
5-51	0.16	537 lbs	-222 lbs
4-51	0.00	0 lbs	-0 lbs
4-52	0.13	-222 lbs	-222 lbs
15-52	0.16	-835 lbs	-635 lbs
16-17	0.22	-1478 lbs	-1478 lbs
13-18	0.32	-2148 lbs	-2148 lbs
20-21	0.97	-1962 lbs	-1962 lbs
28-30	0.09	213 lbs	-156 lbs
27-29	0.02	241 lbs	-106 lbs
37-38	0.02	247 lbs	-97 lbs
39-40	0.51	-592 lbs	-592 lbs
31-36	0.27	526 lbs	-393 lbs
32-35	0.09	-220 lbs	-220 lbs
33-34	0.06	-278 lbs	-278 lbs
8-25	0.49	-1640 lbs	-1640 lbs
8-24	0.16	-1095 lbs	-1095 lbs
52-53	0.05	951 lbs	-414 lbs
51-54	0.18	-1204 lbs	-1204 lbs
22-26	0.12	207 lbs	-186 lbs
23-26	0.10	215 lbs	-186 lbs
49-55	0.09	554 lbs	-540 lbs
46-49	0.06	-122 lbs	-122 lbs
46-50	0.06	-151 lbs	-151 lbs
42-50	0.06	-151 lbs	-151 lbs
42-43	0.06	-151 lbs	-151 lbs
26-43	0.06	-151 lbs	-151 lbs
41-42	0.04	502 lbs	-271 lbs
43-44	0.10	-379 lbs	-379 lbs
48-50	0.05	-337 lbs	-337 lbs
47-49	0.08	-572 lbs	-572 lbs
45-46	0.03	218 lbs	-217 lbs
16-18	0.14	2288 lbs	-927 lbs
20-25	0.71	1764 lbs	-816 lbs
7-21	0.77	1960 lbs	-906 lbs
31-35	0.30	-546 lbs	-546 lbs
32-34	0.03	191 lbs	-100 lbs

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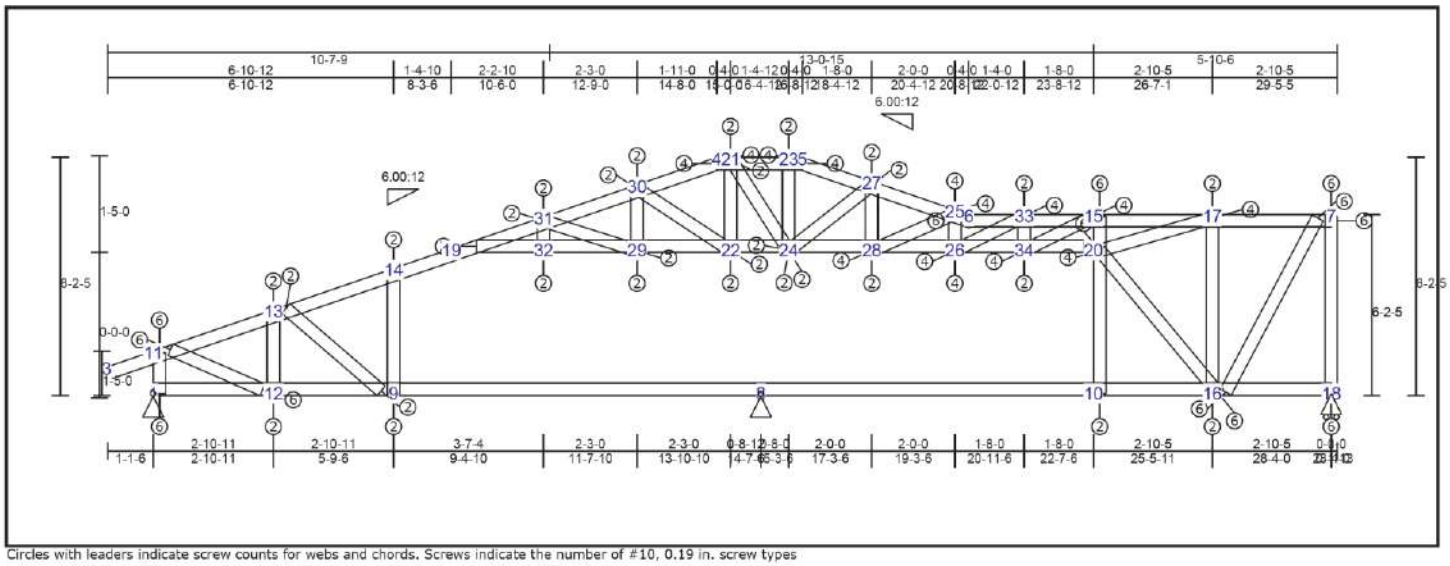
TRUSS TB13 (spacing 24 in)



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 :	0.93 (15 - 17)	TL(V): 0.38 in.	L / 518	(14-19)	L / 360
BC :	0.96 (9 - 8)	LL(V): 0.23 in.	L / 854	(14-19)	L / 360
Web :	0.94 (20 - 16)	DL(V): 0.15 in.	L / 999	(14-19)	L / 0
		Cant / OH TL: -0.06 in.	2L / 509	3	2L / 360
		Cant / OH LL: -0.06 in.	2L / 509	3	2L / 360
		Horiz TL: 0.15 in.		20	
		Web :			
		Snow/Wind -0.41 in.	L / 478	(14-19)	L / 360
		Cant (Snow/Wind) 0.1 in.	L / 313	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1220 lbs	1760 lbs	0 lbs	0 lbs	1220 lbs
2	HRoll		570 lbs	1620 lbs	0 lbs	0 lbs	570 lbs
8	Pin		-1340 lbs	250 lbs	0 lbs	0 lbs	-1340 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
8-3-15	29-7-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-21	0.15	-1123 lbs	-1123 lbs	1-12	0.42	-1215 lbs	-1215 lbs
21-23	0.16	-1129 lbs	-1129 lbs	9-12	0.50	373 lbs	-352 lbs
5-23	0.14	-1129 lbs	-1129 lbs	8-9	0.96	1545 lbs	-812 lbs
5-27	0.14	-1261 lbs	-1261 lbs	8-10	0.72	1545 lbs	-812 lbs
25-27	0.40	-2291 lbs	-2291 lbs	10-16	0.47	1545 lbs	-812 lbs
6-25	0.40	-2291 lbs	-2291 lbs	2-16	0.37	1545 lbs	-809 lbs
6-33	0.25	-2248 lbs	-2248 lbs				
15-33	0.85	-1545 lbs	-1545 lbs				
15-17	0.93	-1547 lbs	-1547 lbs				
7-17	0.44	-592 lbs	-592 lbs				
3-11	0.06	48 lbs	0 lbs				
11-13	0.38	-1905 lbs	-1905 lbs				
13-14	0.42	-1905 lbs	-1905 lbs				
14-19	0.51	-1775 lbs	-1775 lbs				
19-31	0.56	-2230 lbs	-2230 lbs				
30-31	0.24	-2220 lbs	-2220 lbs				
4-30	0.13	-1474 lbs	-1474 lbs				

Web			
1-11	0.27	-1835 lbs	-1835 lbs
12-13	0.13	-592 lbs	-592 lbs
9-14	0.04	170 lbs	-86 lbs
16-17	0.33	-332 lbs	-332 lbs
2-7	0.85	-1633 lbs	-1633 lbs
10-20	0.25	-1659 lbs	-1659 lbs
15-20	0.44	-1659 lbs	-1659 lbs
17-20	0.16	1035 lbs	-670 lbs
16-20	0.92	-1920 lbs	-1920 lbs
19-32	0.11	-753 lbs	-753 lbs
29-32	0.11	-753 lbs	-753 lbs
22-29	0.08	-468 lbs	-468 lbs
22-24	0.07	-468 lbs	-468 lbs
24-28	0.14	-462 lbs	-462 lbs
26-28	0.21	-762 lbs	-762 lbs
26-34	0.21	-762 lbs	-762 lbs
20-34	0.12	742 lbs	-433 lbs
15-34	0.08	913 lbs	-532 lbs
29-31	0.12	-767 lbs	-767 lbs
31-32	0.02	-112 lbs	-112 lbs
29-30	0.06	403 lbs	-394 lbs
22-30	0.14	-562 lbs	-562 lbs
21-22	0.08	350 lbs	-306 lbs
21-24	0.04	152 lbs	-123 lbs

Web			
23-24	0.05	307 lbs	-181 lbs
24-27	0.13	-552 lbs	-552 lbs
27-28	0.08	728 lbs	-539 lbs
25-28	0.15	-951 lbs	-951 lbs
25-26	0.13	-865 lbs	-865 lbs
26-33	0.10	1093 lbs	-656 lbs
33-34	0.09	-623 lbs	-623 lbs
11-12	0.18	1878 lbs	-837 lbs
9-13	0.12	586 lbs	-336 lbs
7-16	0.82	1732 lbs	-994 lbs

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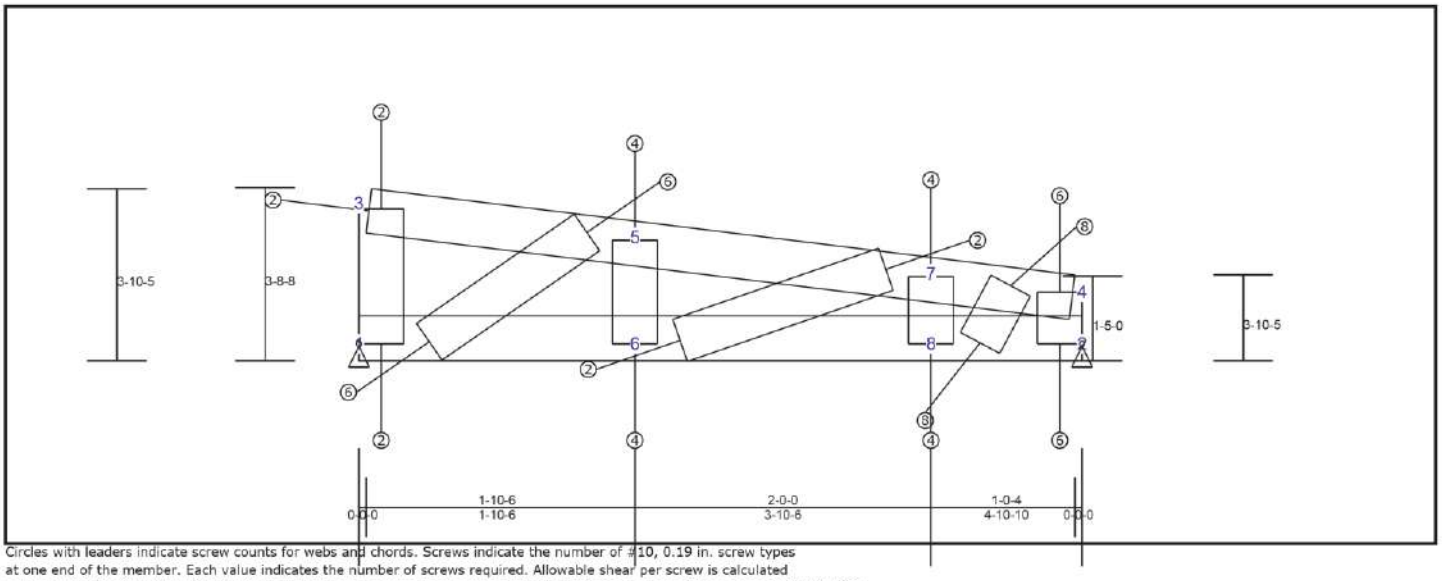
TRUSS TB14 (spacing 24 in)



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 :	0.46 (7 - 4)	TL(V): 0.03 in.	L / 999	(5-7)	L / 360
BC :	0.57 (6 - 8)	LL(V): 0.02 in.	L / 999	(5-7)	L / 360
Web :	0.52 (1 - 5)	DL(V): 0.01 in.	L / 999	(6-8)	L / 0
		Cant / OH TL: 0.01 in.	2L / 0	(3-5)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 0	(3-5)	2L / 360
		Horiz TL: 0.01 in.		4	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(5-7)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 0	(3-5)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		400 lbs	1260 lbs	0 lbs	-780 lbs	400 lbs
2	Pin		-360 lbs	1650 lbs	0 lbs	-890 lbs	-360 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
3-9-8	4-10-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB7-8	0-0-0	0-0-0	Concentrated	Dead	Down	Global	300 lbs	300 lbs	0 in.
WB5-6	0-0-0	0-0-0	Concentrated	Dead	Down	Global	300 lbs	300 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Live	Down	Global	500 lbs	500 lbs	0 in.
WB5-6	0-0-0	0-0-0	Concentrated	Live	Down	Global	500 lbs	500 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Wind	Up	Global	-1000 lbs	-1000 lbs	0 in.
WB5-6	0-0-0	0-0-0	Concentrated	Wind	Up	Global	-1000 lbs	-1000 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Wind	Up	Global	-1000 lbs	-1000 lbs	0 in.
WB5-6	0-0-0	0-0-0	Concentrated	Wind	Up	Global	-1000 lbs	-1000 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.35	-137 lbs	-137 lbs	1-6	0.39	-399 lbs	-399 lbs	1-3	0.05	157 lbs	-143 lbs
5-7	0.35	-673 lbs	-673 lbs	6-8	0.57	225 lbs	-147 lbs	5-6	0.32	1577 lbs	-1415 lbs
4-7	0.46	-820 lbs	-820 lbs	2-8	0.57	-356 lbs	-356 lbs	7-8	0.22	-1454 lbs	-1454 lbs
								2-4	0.27	-1847 lbs	-1847 lbs
								1-5	0.52	-1840 lbs	-1840 lbs
								6-7	0.04	450 lbs	-259 lbs
								4-8	0.28	2484 lbs	-1883 lbs

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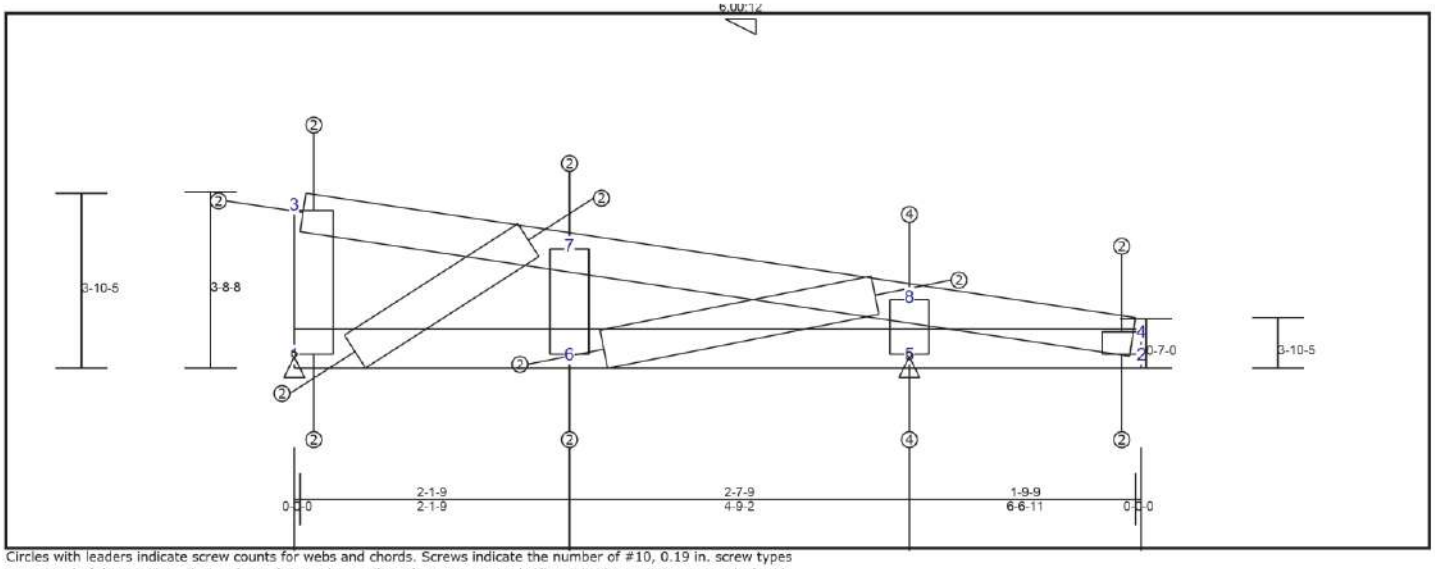
TRUSS TB15 (spacing 24 in)



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 :	0.22 (8 - 4)	TL(V): 0 in.	L / 999	(3-7)	L / 360
BC :	0.17 (1 - 6)	LL(V): 0 in.	L / 999	(3-7)	L / 360
Web :	0.15 (5 - 8)	DL(V): 0 in.	L / 999	(3-7)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-7)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-90 lbs	520 lbs	0 lbs	-100 lbs	-90 lbs
5	Pin		-90 lbs	520 lbs	0 lbs	-100 lbs	-90 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
3-9-8	6-6-11

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.12	-63 lbs	-63 lbs	1-6	0.17	161 lbs	-119 lbs	1-3	0.04	-61 lbs	-61 lbs
7-8	0.20	-137 lbs	-137 lbs	5-6	0.11	-87 lbs	-87 lbs	6-7	0.03	-88 lbs	-88 lbs
4-8	0.22	-129 lbs	-129 lbs	2-5	0.11	-87 lbs	-87 lbs	2-4	0.01	37 lbs	-31 lbs
								5-8	0.15	-410 lbs	-410 lbs
								1-7	0.12	-259 lbs	-259 lbs
								6-8	0.03	199 lbs	-93 lbs

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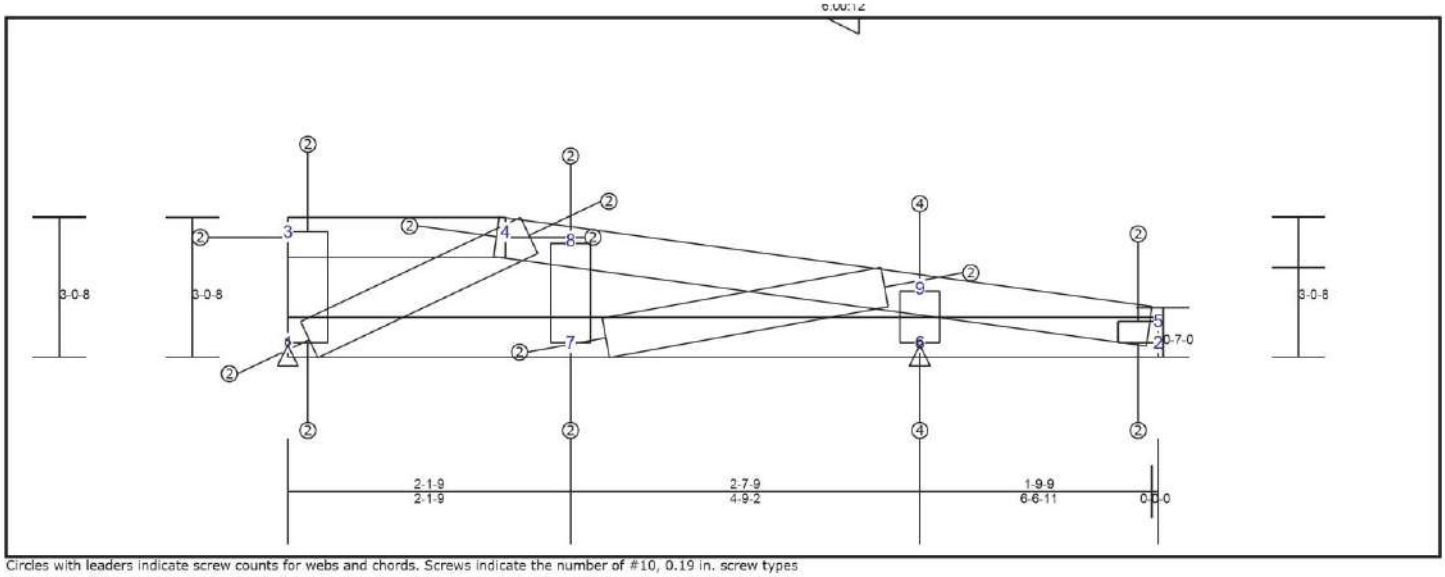
TRUSS TB16 (spacing 12 in)



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 :	0.23 (9 - 5)	TL(V): 0 in.	L / 999	(3-4)	L / 360
BC :	0.12 (1 - 7)	LL(V): 0 in.	L / 999	(3-4)	L / 360
Web :	0.15 (6 - 9)	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 in.	L / 999	(3-4)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	530 lbs	0 lbs	-100 lbs	-120 lbs
6	Pin		-70 lbs	530 lbs	0 lbs	-130 lbs	-70 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
3-0-8	6-6-11

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.05	0 lbs	0 lbs	1-7	0.12	125 lbs	-100 lbs	7-8	0.02	-52 lbs	-52 lbs
4-8	0.07	-66 lbs	-66 lbs	6-7	0.10	72 lbs	-71 lbs	2-5	0.01	35 lbs	-30 lbs
8-9	0.20	-140 lbs	-140 lbs	2-6	0.10	-71 lbs	-71 lbs	6-9	0.15	-418 lbs	-418 lbs
5-9	0.23	-132 lbs	-132 lbs					1-3	0.03	-77 lbs	-77 lbs
								1-8	0.09	-182 lbs	-182 lbs
								7-9	0.03	172 lbs	-73 lbs

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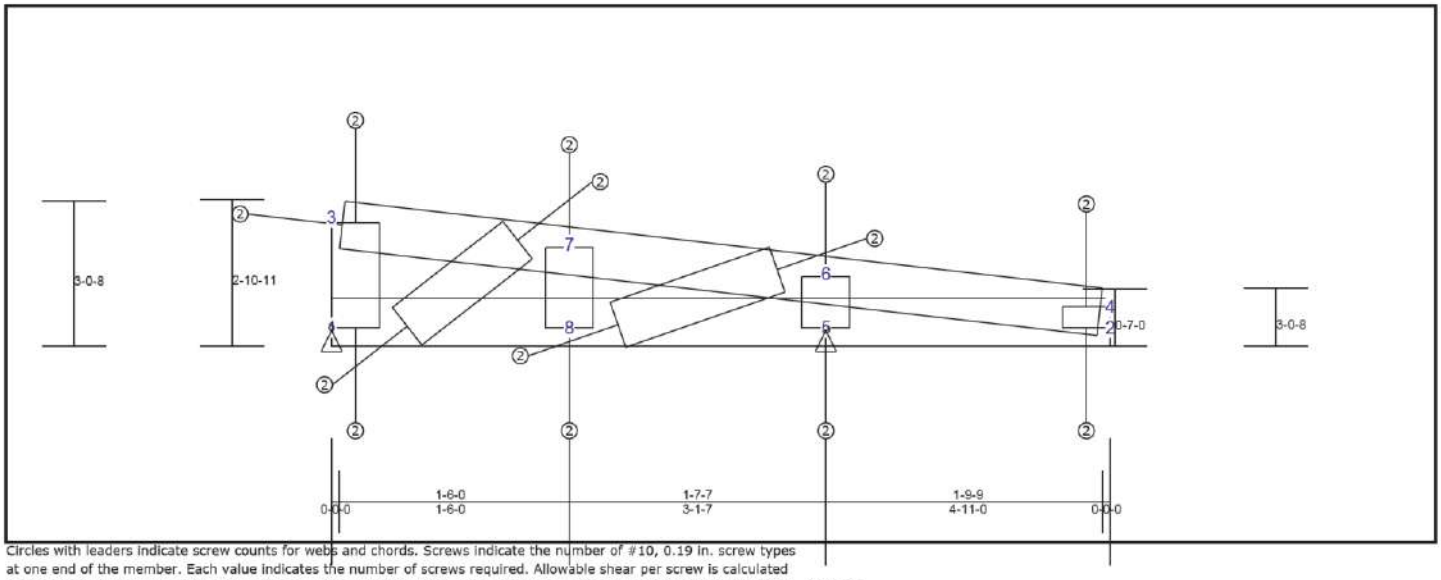
TRUSS TB17 (spacing 12 in)



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 :	0.17 (6 - 4)	TL(V): 0 in.	L / 999	(3-7)	L / 360
BC :	0.14 (8 - 5)	LL(V): 0 in.	L / 999	(3-7)	L / 360
Web :	0.10 (5 - 6)	DL(V): 0 in.	L / 999	(3-7)	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.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 360	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-80 lbs	450 lbs	0 lbs	-80 lbs	-80 lbs
5	Pin		-80 lbs	450 lbs	0 lbs	-80 lbs	-80 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
2-11-11	4-11-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.08	-57 lbs	-57 lbs	1-8	0.09	96 lbs	-63 lbs	2-4	0.02	49 lbs	-47 lbs
6-7	0.15	-78 lbs	-78 lbs	5-8	0.14	-78 lbs	-78 lbs	5-6	0.10	-281 lbs	-281 lbs
4-6	0.17	-78 lbs	-78 lbs	2-5	0.14	-78 lbs	-78 lbs	1-3	0.02	-58 lbs	-58 lbs
								7-8	0.06	-169 lbs	-169 lbs
								1-7	0.05	178 lbs	-134 lbs
								6-8	0.05	231 lbs	-139 lbs

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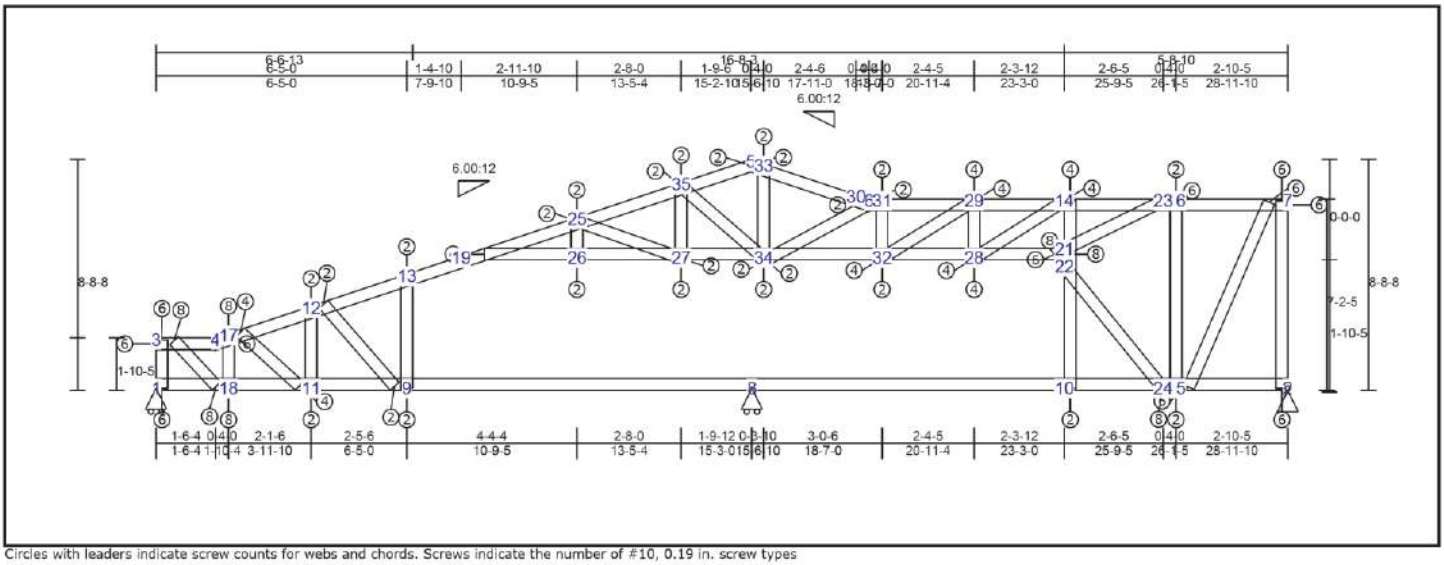
TRUSS TB18 (spacing 12 in)



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 (16 - 7)	TL(V): 0.17 in.	L / 999	(13-19)	L / 360
BC :	0.65 (10 - 24)	LL(V): 0.09 in.	L / 999	(13-19)	L / 360
Web :	0.90 (28 - 20)	DL(V): 0.07 in.	L / 999	(9-8)	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: 0.03 in.		13	
		Web :			
		Snow/Wind -0.13 in.	L / 999	(13-19)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1660 lbs	0 lbs	0 lbs	0 lbs
2	Pin		-240 lbs	1670 lbs	0 lbs	0 lbs	-240 lbs
8	HRoll		0 lbs	230 lbs	0 lbs	0 lbs	0 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
8-9-5	28-11-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
5-33	0.10	-428 lbs	-428 lbs	1-18	0.54	1459 lbs	-699 lbs
6-33	0.15	-683 lbs	-683 lbs	11-18	0.54	1993 lbs	-944 lbs
4-17	0.38	-2140 lbs	-2140 lbs	9-11	0.32	1993 lbs	-944 lbs
12-17	0.33	-2279 lbs	-2279 lbs	8-9	0.42	1820 lbs	-751 lbs
12-13	0.34	-2245 lbs	-2245 lbs	8-10	0.42	1820 lbs	-751 lbs
13-19	0.32	-2065 lbs	-2065 lbs	10-24	0.65	1858 lbs	-769 lbs
19-25	0.26	-2065 lbs	-2065 lbs	15-24	0.56	556 lbs	-167 lbs
25-35	0.14	-1136 lbs	-1136 lbs	2-15	0.47	556 lbs	-242 lbs
5-35	0.07	-656 lbs	-656 lbs				
3-4	0.50	-1459 lbs	-1459 lbs				
6-31	0.13	624 lbs	-618 lbs				
29-31	0.17	-727 lbs	-727 lbs				
14-29	0.20	-1314 lbs	-1314 lbs				
14-23	0.28	-1314 lbs	-1314 lbs				
16-23	0.21	-581 lbs	-581 lbs				
7-16	0.52	-581 lbs	-581 lbs				

Web			
1-3	0.27	-1779 lbs	-1779 lbs
11-12	0.03	-104 lbs	-104 lbs
9-13	0.06	184 lbs	-123 lbs
15-16	0.74	-771 lbs	-771 lbs
2-7	0.88	-1905 lbs	-1905 lbs
17-18	0.40	-2615 lbs	-2615 lbs
21-23	0.46	-1890 lbs	-1890 lbs
22-24	0.86	-2937 lbs	-2937 lbs
10-22	0.35	-2083 lbs	-2083 lbs
20-22	0.34	-2083 lbs	-2083 lbs
20-21	0.62	-2111 lbs	-2111 lbs
14-21	0.39	-2111 lbs	-2111 lbs
19-26	0.07	-847 lbs	-847 lbs
26-27	0.09	-1175 lbs	-1175 lbs
27-34	0.12	-1414 lbs	-1414 lbs
32-34	0.13	-1414 lbs	-1414 lbs
28-32	0.21	-2101 lbs	-2101 lbs
20-28	0.90	-3110 lbs	-3110 lbs
25-26	0.00	13 lbs	-10 lbs
25-27	0.08	-371 lbs	-371 lbs
14-28	0.20	1392 lbs	-809 lbs
28-29	0.15	-1003 lbs	-1003 lbs
27-35	0.04	191 lbs	-183 lbs
34-35	0.12	-391 lbs	-391 lbs

Web			
33-34	0.10	344 lbs	-316 lbs
31-32	0.10	-639 lbs	-639 lbs
6-34	0.11	-396 lbs	-396 lbs
29-32	0.18	1041 lbs	-711 lbs
9-12	0.12	385 lbs	-356 lbs
7-15	0.70	2090 lbs	-1110 lbs
3-18	0.20	2767 lbs	-1326 lbs
11-17	0.08	902 lbs	-414 lbs

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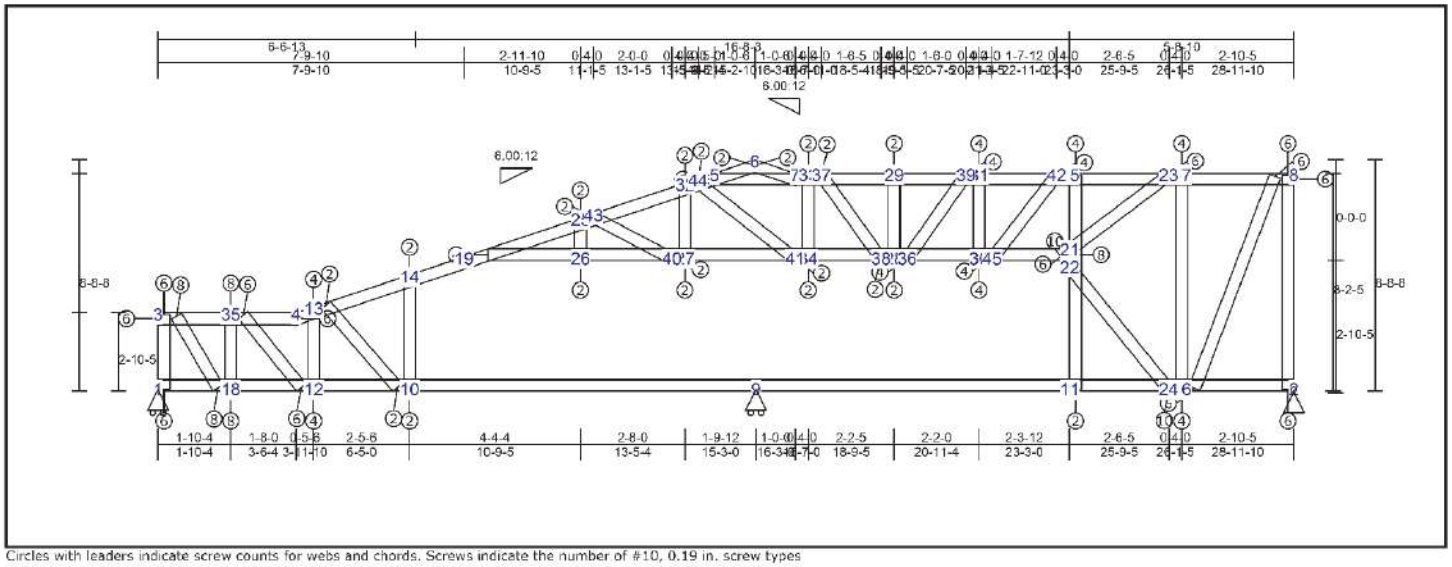
TRUSS TB19 (spacing 12 in)



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 (17 - 8)	TL(V): 0.2 in.	L / 792	(14-19)	L / 360
BC :	0.75 (11 - 24)	LL(V): 0.12 in.	L / 999	(14-19)	L / 360
Web :	0.97 (2 - 8)	DL(V): 0.08 in.	L / 999	10	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: 0.03 in.		19	
		Web :			
		Snow/Wind -0.13 in.	L / 999	(14-19)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1740 lbs	0 lbs	0 lbs	0 lbs
2	Pin		-240 lbs	1790 lbs	0 lbs	0 lbs	-240 lbs
9	HRoll		0 lbs	230 lbs	0 lbs	0 lbs	0 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
8-9-6	28-11-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-7	0.08	-203 lbs	-203 lbs	1-18	0.58	1105 lbs	-536 lbs	1-3	0.45	-2018 lbs	-2018 lbs
5-7	0.14	-759 lbs	-759 lbs	12-18	0.58	2160 lbs	-1035 lbs	12-13	0.38	-1497 lbs	-1497 lbs
7-33	0.14	-759 lbs	-759 lbs	10-12	0.35	2160 lbs	-1035 lbs	10-14	0.09	334 lbs	-204 lbs
33-37	0.12	-759 lbs	-759 lbs	9-10	0.47	1983 lbs	-854 lbs	16-17	0.79	-587 lbs	-587 lbs
29-37	0.12	-759 lbs	-759 lbs	9-11	0.47	1983 lbs	-854 lbs	2-8	0.98	-2044 lbs	-2044 lbs
29-39	0.23	-489 lbs	-489 lbs	11-24	0.75	2048 lbs	-888 lbs	21-23	0.64	-1773 lbs	-1773 lbs
31-39	0.26	-489 lbs	-489 lbs	16-24	0.65	515 lbs	-121 lbs	22-24	0.74	-3413 lbs	-3413 lbs
31-42	0.29	-883 lbs	-883 lbs	2-16	0.51	515 lbs	-242 lbs	18-35	0.67	-2961 lbs	-2961 lbs
15-42	0.24	-883 lbs	-883 lbs					11-22	0.46	-2454 lbs	-2454 lbs
15-23	0.33	-883 lbs	-883 lbs					20-22	0.35	-2454 lbs	-2454 lbs
17-23	0.26	-545 lbs	-545 lbs					20-21	0.67	-2545 lbs	-2545 lbs
6-17	0.55	-545 lbs	-545 lbs					15-21	0.47	-2545 lbs	-2545 lbs
4-13	0.46	-2496 lbs	-2496 lbs					19-26	0.07	-814 lbs	-814 lbs
13-14	0.47	-2496 lbs	-2496 lbs					26-40	0.12	-1119 lbs	-1119 lbs
14-19	0.33	-2231 lbs	-2231 lbs					27-40	0.10	-1119 lbs	-1119 lbs
19-25	0.29	-2231 lbs	-2231 lbs					27-41	0.12	-1345 lbs	-1345 lbs
25-43	0.13	-1325 lbs	-1325 lbs					34-41	0.14	-1345 lbs	-1345 lbs
32-43	0.16	-1325 lbs	-1325 lbs					34-38	0.25	-1681 lbs	-1681 lbs
32-44	0.12	-947 lbs	-947 lbs					28-38	0.15	-1681 lbs	-1681 lbs
5-44	0.11	-849 lbs	-849 lbs					28-36	0.15	-1681 lbs	-1681 lbs
5-6	0.02	-259 lbs	-259 lbs					30-36	0.33	-2211 lbs	-2211 lbs
3-35	0.55	-1105 lbs	-1105 lbs					30-45	0.33	-2211 lbs	-2211 lbs
4-35	0.49	-2160 lbs	-2160 lbs					20-45	0.97	-2905 lbs	-2905 lbs
								25-26	0.00	-24 lbs	-24 lbs

Web			
28-29	0.07	-256 lbs	-256 lbs
30-31	0.44	-1605 lbs	-1605 lbs
27-32	0.04	248 lbs	-207 lbs
33-34	0.11	-427 lbs	-427 lbs
37-38	0.25	-780 lbs	-780 lbs
38-39	0.24	1247 lbs	-771 lbs
40-43	0.07	-388 lbs	-388 lbs
41-44	0.13	426 lbs	-349 lbs
42-45	0.28	1518 lbs	-861 lbs
10-13	0.12	362 lbs	-353 lbs
8-16	0.83	2221 lbs	-1216 lbs
3-18	0.37	3064 lbs	-1485 lbs
12-35	0.29	2227 lbs	-1055 lbs

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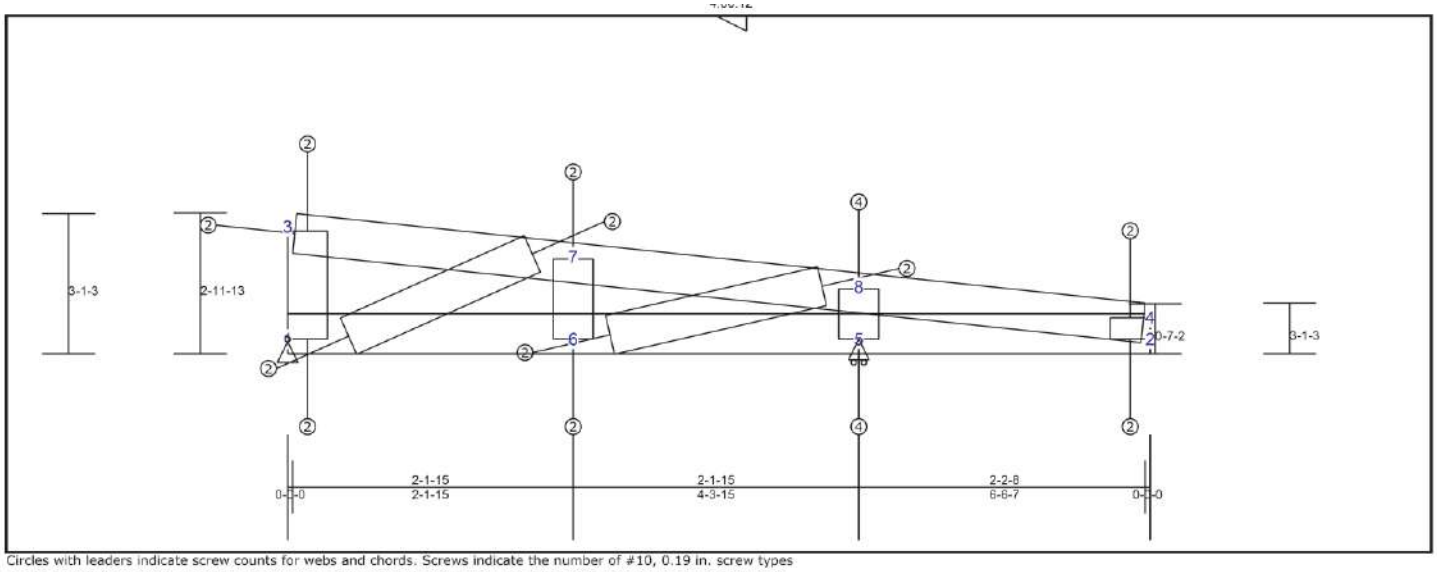
TRUSS TB20 (spacing 12 in)



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 (8 - 4)	TL(V): 0.02 in.	L / 999	4	L / 360
BC :	0.19 (6 - 5)	LL(V): 0.01 in.	L / 999	4	L / 360
Web :	0.15 (5 - 8)	DL(V): 0.01 in.	L / 999	4	L / 0
		Cant / OH TL: 0.01 in.	2L / 263	4	2L / 360
		Cant / OH LL: 0.01 in.	2L / 263	4	2L / 360
		Horiz TL: -0.01 in.		4	
		Web :			
		Snow/Wind -0.02 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 193	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-180 lbs	580 lbs	0 lbs	-130 lbs	-180 lbs
5	HRoll		0 lbs	580 lbs	0 lbs	-150 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
3-0-11	6-6-7

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.06	-55 lbs	-55 lbs	1-6	0.10	176 lbs	-111 lbs	1-3	0.04	-86 lbs	-86 lbs
7-8	0.24	-98 lbs	-98 lbs	5-6	0.19	119 lbs	-59 lbs	6-7	0.03	-74 lbs	-74 lbs
4-8	0.26	-98 lbs	-98 lbs	2-5	0.19	0 lbs	0 lbs	5-8	0.15	-412 lbs	-412 lbs
								2-4	0.02	-47 lbs	-47 lbs
								1-7	0.05	158 lbs	-148 lbs
								6-8	0.03	155 lbs	-77 lbs

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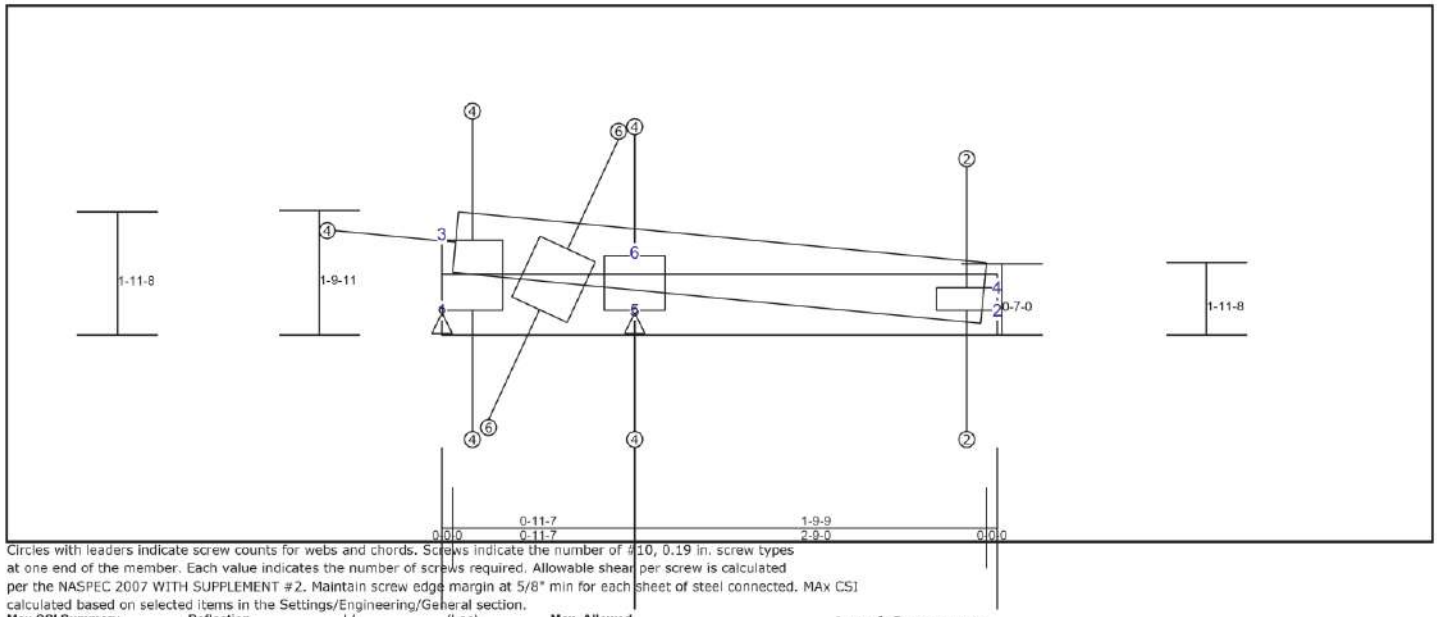
TRUSS TB21 (spacing 24 in)



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 :	0.46 (3 - 6)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.43 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.24 (1 - 6)	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.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	(3-6)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 587	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-50 lbs	480 lbs	0 lbs	-30 lbs	-50 lbs
5	Pin		-40 lbs	480 lbs	0 lbs	-80 lbs	-40 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
1-10-11	2-9-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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	-209 lbs	-209 lbs	1-5	0.43	53 lbs	-40 lbs	2-4	0.02	71 lbs	-59 lbs
4-6	0.36	-209 lbs	-209 lbs	2-5	0.41	-40 lbs	-40 lbs	5-6	0.21	-598 lbs	-598 lbs
								1-3	0.17	-465 lbs	-465 lbs
								1-6	0.24	1053 lbs	-664 lbs

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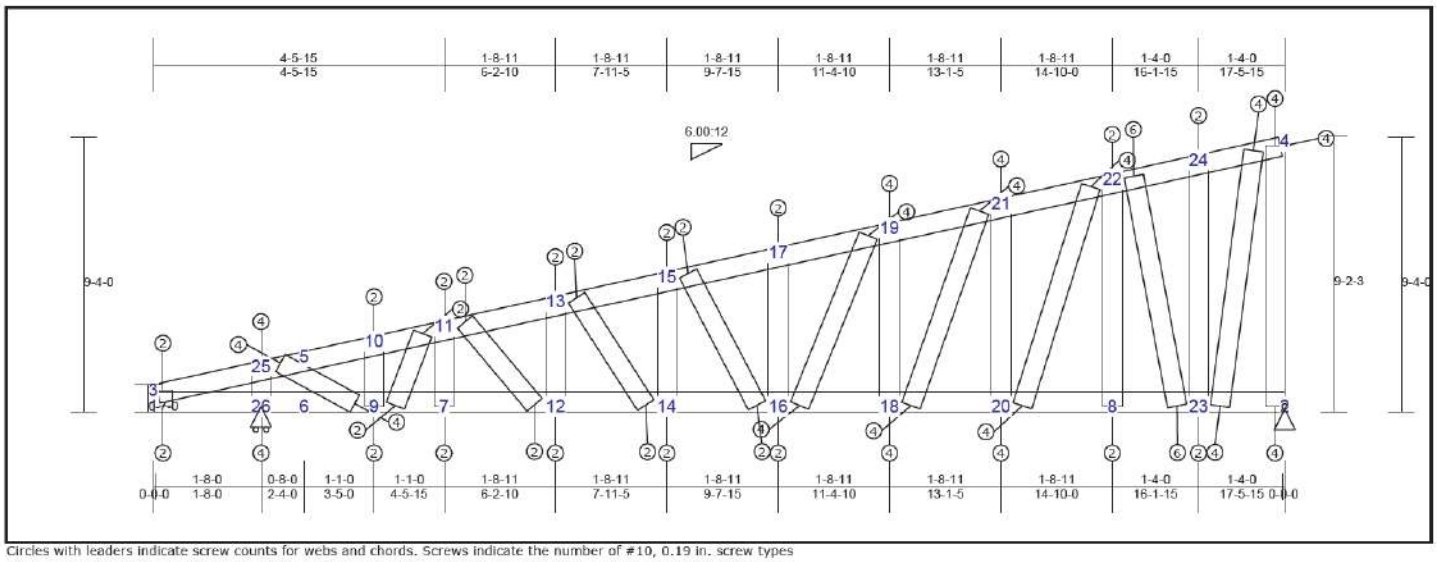
TRUSS TB22 (spacing 24 in)



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 :	0.32 (21 - 22)	TL(V): 0.08 in.	L / 999	(17-19)	L / 360
BC :	0.45 (8 - 23)	LL(V): 0.04 in.	L / 999	(17-19)	L / 360
Web :	0.92 (22 - 23)	DL(V): 0.03 in.	L / 999	(17-19)	L / 0
		Cant / OH TL: -0.01 in.	2L / 397	3	2L / 360
		Cant / OH LL: -0.01 in.	2L / 397	3	2L / 360
		Horiz TL: 0.02 in.		19	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(17-19)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 999	(1-26)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-370 lbs	1140 lbs	0 lbs	-200 lbs	-370 lbs
25	NA		0 lbs	1140 lbs	0 lbs	-200 lbs	0 lbs
26	HRoll		0 lbs	1140 lbs	0 lbs	-200 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
9-3-3	17-5-15

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-25	0.21	-489 lbs	-489 lbs	1-26	0.03	0 lbs	0 lbs	9-10	0.05	-362 lbs	-362 lbs
10-25	0.20	-802 lbs	-802 lbs	9-26	0.16	653 lbs	-168 lbs	7-11	0.01	129 lbs	-64 lbs
10-11	0.11	-1031 lbs	-1031 lbs	7-9	0.13	725 lbs	-185 lbs	12-13	0.06	-177 lbs	-177 lbs
11-13	0.13	-960 lbs	-960 lbs	7-12	0.06	777 lbs	-185 lbs	14-15	0.21	448 lbs	-406 lbs
13-15	0.12	-943 lbs	-943 lbs	12-14	0.07	777 lbs	-150 lbs	16-17	0.13	-194 lbs	-194 lbs
15-17	0.10	-841 lbs	-841 lbs	14-16	0.16	706 lbs	-67 lbs	18-19	0.73	-1054 lbs	-1054 lbs
17-19	0.16	-841 lbs	-841 lbs	16-18	0.20	610 lbs	-98 lbs	20-21	0.70	-1437 lbs	-1437 lbs
19-21	0.18	-735 lbs	-735 lbs	18-20	0.27	553 lbs	-173 lbs	23-24	0.08	63 lbs	-44 lbs
21-22	0.32	-689 lbs	-689 lbs	8-20	0.27	528 lbs	-266 lbs	2-4	0.82	-1266 lbs	-1266 lbs
22-24	0.30	361 lbs	-317 lbs	8-23	0.45	566 lbs	-332 lbs	8-22	0.23	214 lbs	-137 lbs
4-24	0.31	566 lbs	-392 lbs	2-23	0.29	587 lbs	-370 lbs	25-26	0.19	-1261 lbs	-1261 lbs
								1-3	0.00	35 lbs	-11 lbs
								11-12	0.02	231 lbs	-64 lbs
								13-14	0.11	302 lbs	-285 lbs
								15-16	0.34	-582 lbs	-582 lbs
								16-19	0.65	851 lbs	-647 lbs
								18-21	0.87	1069 lbs	-777 lbs
								20-22	0.76	1539 lbs	-1083 lbs
								4-23	0.85	1541 lbs	-1065 lbs
								9-11	0.09	-442 lbs	-442 lbs
								22-23	0.92	-1823 lbs	-1823 lbs
								9-25	0.05	1040 lbs	-268 lbs

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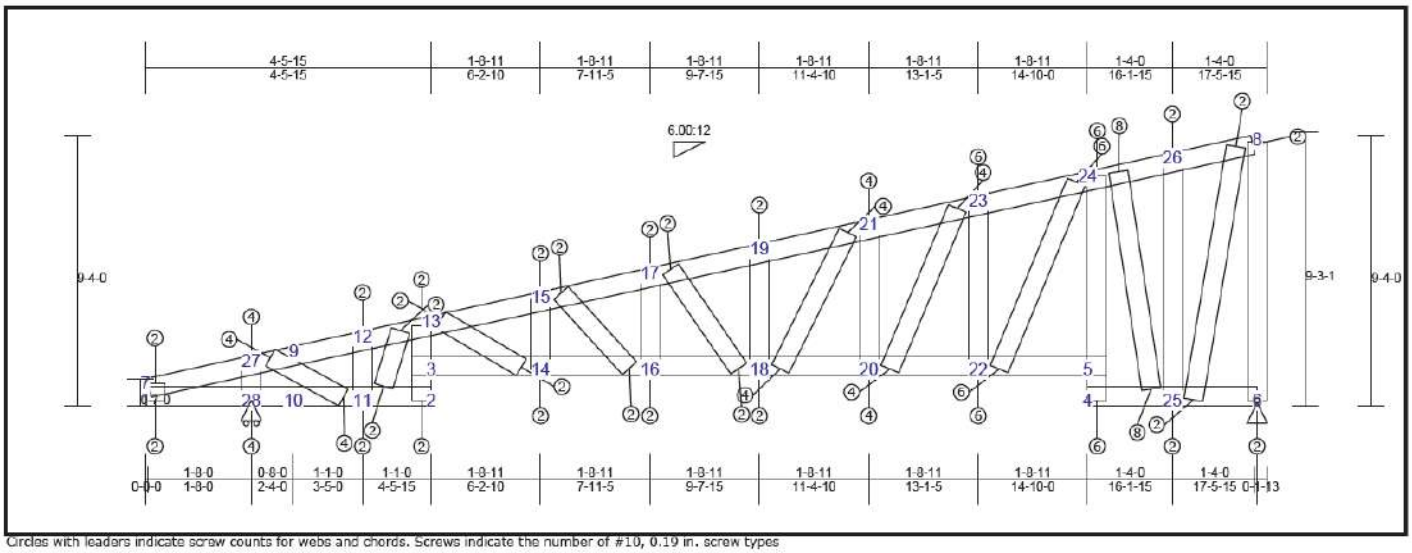
TRUSS TB23 (spacing 24 in)



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 (24 - 26)	TL(V): 0.17 in.	L / 999	(23-24)	L / 360
BC :	0.96 (4 - 25)	LL(V): 0.09 in.	L / 999	(23-24)	L / 360
Web :	0.99 (24 - 25)	DL(V): 0.08 in	L / 999	(23-24)	L / 0
		Cant / OH TL: 0.09 in.	2L / 282	(23-24)	2L / 360
		Cant / OH LL: 0.09 in.	2L / 282	(23-24)	2L / 360
		Horiz TL: 0.03 in.		23	
		Web :			
		Snow/Wind -0.12 in.	L / 999	(23-24)	L / 360
		Cant (Snow/Wind) -0.12 in.	L / 189	(23-24)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		580 lbs	990 lbs	0 lbs	-450 lbs	580 lbs
27	NA		0 lbs	1150 lbs	0 lbs	-210 lbs	0 lbs
28	HRoll		0 lbs	1150 lbs	0 lbs	-210 lbs	0 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
9-3-3	17-7-12

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-27	0.20	-477 lbs	-477 lbs	4-25	0.96	580 lbs	-363 lbs	11-12	0.07	-472 lbs	-472 lbs
12-27	0.20	-832 lbs	-832 lbs	6-25	0.76	581 lbs	-366 lbs	2-3	0.26	242 lbs	-80 lbs
12-13	0.20	-1310 lbs	-1310 lbs	3-14	0.21	1163 lbs	-279 lbs	3-13	0.14	242 lbs	-80 lbs
13-15	0.23	-1332 lbs	-1332 lbs	14-16	0.11	1163 lbs	-241 lbs	14-15	0.02	-126 lbs	-126 lbs
15-17	0.16	-1270 lbs	-1270 lbs	16-18	0.19	966 lbs	-110 lbs	16-17	0.13	703 lbs	-441 lbs
17-19	0.12	-1041 lbs	-1041 lbs	18-20	0.20	777 lbs	-104 lbs	18-19	0.09	-187 lbs	-187 lbs
19-21	0.17	-1041 lbs	-1041 lbs	20-22	0.36	681 lbs	-195 lbs	20-21	0.74	-1085 lbs	-1085 lbs
21-23	0.22	-922 lbs	-922 lbs	5-22	0.36	586 lbs	-290 lbs	22-23	0.75	-1893 lbs	-1893 lbs
23-24	0.59	-922 lbs	-922 lbs	1-28	0.02	0 lbs	0 lbs	25-26	0.39	-201 lbs	-201 lbs
24-26	0.59	1025 lbs	-760 lbs	11-28	0.15	633 lbs	-172 lbs	6-8	0.00	0 lbs	0 lbs
8-26	0.09	-107 lbs	-107 lbs	2-11	0.14	691 lbs	-187 lbs	4-5	0.29	1891 lbs	-1289 lbs
								5-24	0.43	1891 lbs	-1485 lbs
								27-28	0.18	-1229 lbs	-1229 lbs
								1-7	0.00	32 lbs	-12 lbs
								13-14	0.01	264 lbs	-40 lbs
								15-16	0.12	-530 lbs	-530 lbs
								17-18	0.27	-744 lbs	-744 lbs
								18-21	0.41	965 lbs	-629 lbs
								20-23	0.74	1172 lbs	-791 lbs
								22-24	0.85	1761 lbs	-845 lbs
								8-25	0.17	130 lbs	-63 lbs
								11-13	0.08	-436 lbs	-436 lbs
								24-25	0.99	-2783 lbs	-2783 lbs
								11-27	0.05	1007 lbs	-273 lbs

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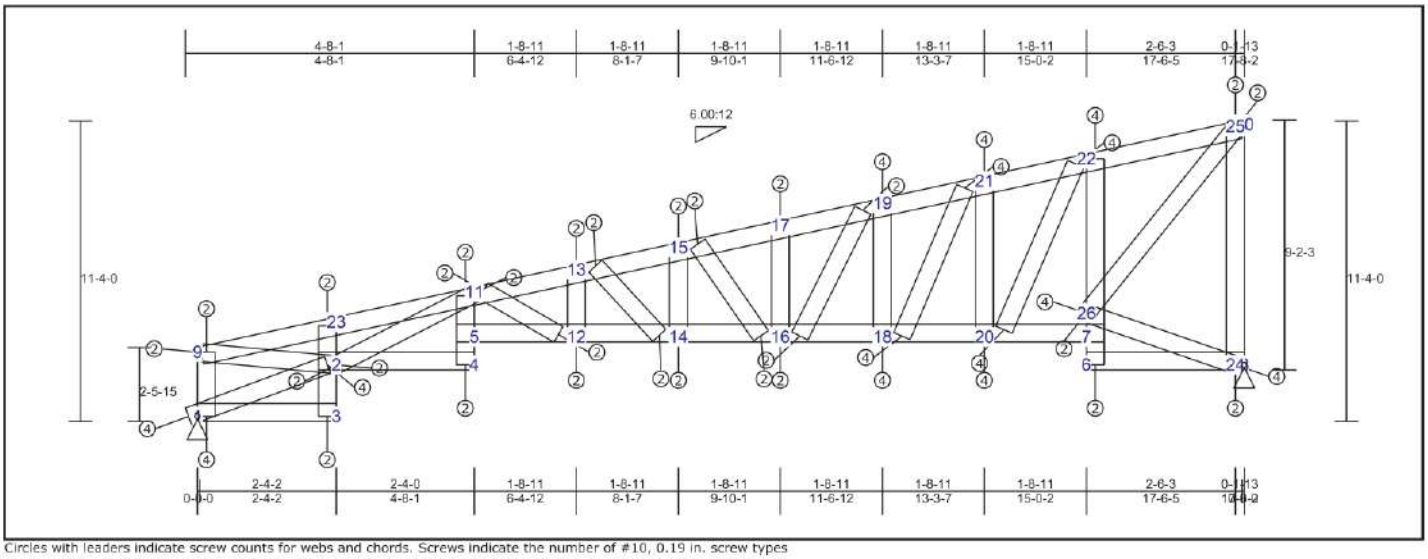
TRUSS TB24 (spacing 24 in)



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 :	0.18 (22 - 25)	TL(V): 0.03 in.	L / 999	(14-16)	L / 360
BC :	0.19 (18 - 20)	LL(V): 0.02 in.	L / 999	(14-16)	L / 360
Web :	0.92 (20 - 21)	DL(V): 0.01 in.	L / 999	(14-16)	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(14-16)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(14-16)	2L / 360
		Horiz TL: 0.01 in.		17	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(15-17)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(15-17)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		920 lbs	1150 lbs	0 lbs	-190 lbs	920 lbs
24	Pin		-1110 lbs	1030 lbs	0 lbs	-490 lbs	-1110 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
11-4-9	17-11-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
9-23	0.07	-456 lbs	-456 lbs	6-24	0.15	-1110 lbs	-1110 lbs
11-23	0.11	-945 lbs	-945 lbs	8-24	0.11	-1110 lbs	-1110 lbs
11-13	0.09	-945 lbs	-945 lbs	5-12	0.05	222 lbs	-208 lbs
13-15	0.11	-871 lbs	-871 lbs	12-14	0.05	329 lbs	-306 lbs
15-17	0.09	-742 lbs	-742 lbs	14-16	0.14	456 lbs	-451 lbs
17-19	0.14	-742 lbs	-742 lbs	16-18	0.18	-602 lbs	-602 lbs
19-21	0.16	-617 lbs	-617 lbs	18-20	0.19	-774 lbs	-774 lbs
21-22	0.15	-421 lbs	-421 lbs	7-20	0.19	-938 lbs	-938 lbs
22-25	0.18	-258 lbs	-258 lbs	2-4	0.14	-593 lbs	-593 lbs
10-25	0.00	-3 lbs	-3 lbs	1-3	0.00	-18 lbs	-18 lbs

Web			
4-5	0.06	13 lbs	-3 lbs
5-11	0.08	78 lbs	-42 lbs
12-13	0.03	-161 lbs	-161 lbs
14-15	0.11	400 lbs	-366 lbs
16-17	0.08	-184 lbs	-184 lbs
18-19	0.65	-969 lbs	-969 lbs
20-21	0.92	-1035 lbs	-1035 lbs
6-7	0.16	64 lbs	-40 lbs
7-26	0.18	-547 lbs	-547 lbs
22-26	0.38	-1017 lbs	-1017 lbs
1-9	0.18	-1140 lbs	-1140 lbs
2-3	0.12	-878 lbs	-878 lbs
2-23	0.14	-878 lbs	-878 lbs
24-25	0.91	-445 lbs	-445 lbs
25-26	0.39	498 lbs	-274 lbs
24-26	0.25	-1000 lbs	-1000 lbs
2-9	0.03	361 lbs	-171 lbs
1-2	0.30	-1248 lbs	-1248 lbs
2-11	0.23	-722 lbs	-722 lbs
11-12	0.02	200 lbs	-112 lbs
13-14	0.06	286 lbs	-265 lbs
15-16	0.19	-530 lbs	-530 lbs
16-19	0.38	777 lbs	-587 lbs
18-21	0.65	978 lbs	-705 lbs
20-22	0.81	882 lbs	-614 lbs

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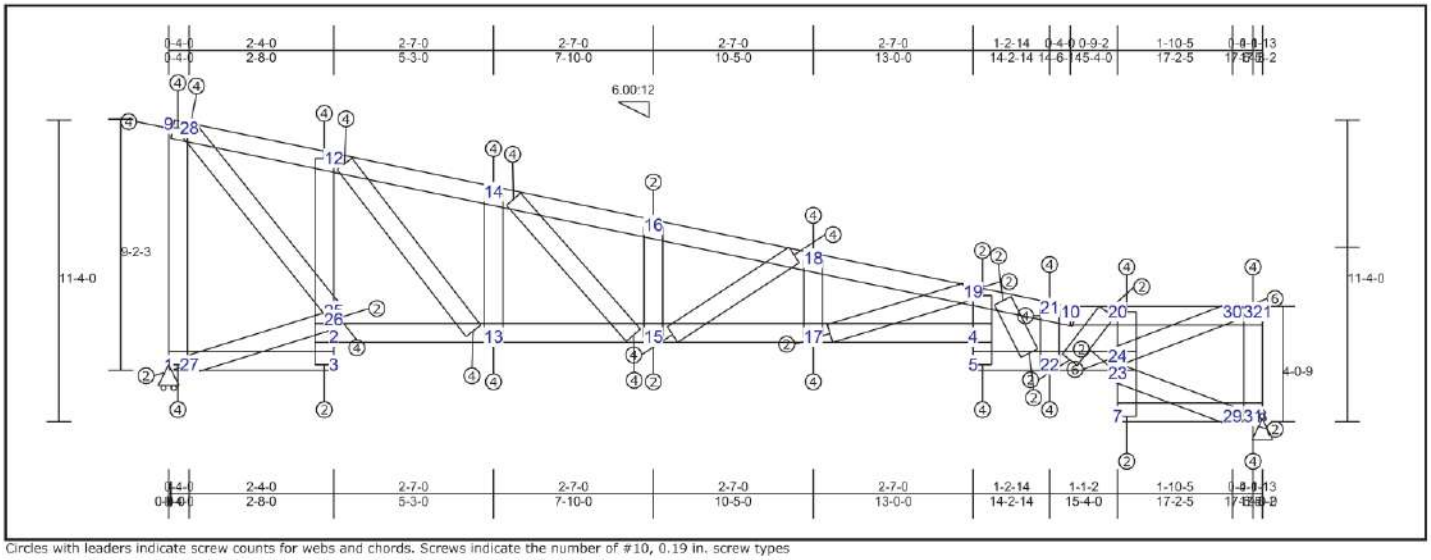
TRUSS TB25 (spacing 24 in)



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 (20 - 30)	TL(V): 0.12 in.	L / 999	(17-4)	L / 360
BC :	0.45 (17 - 4)	LL(V): 0.07 in.	L / 999	(17-4)	L / 360
Web :	0.90 (1 - 9)	DL(V): 0.05 in.	L / 999	(18-19)	L / 0
		Cant / OH TL: 0.06 in.	2L / 0	19	2L / 360
		Cant / OH LL: 0.06 in.	2L / 0	19	2L / 360
		Horiz TL: -0.07 in.		1	
		Web :			
		Snow/Wind -0.1 in.	L / 999	(17-4)	L / 360
		Cant (Snow/Wind) -0.09 in.	L / 0	19	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1150 lbs	0 lbs	-580 lbs	0 lbs
8	Pin		-510 lbs	1030 lbs	0 lbs	-80 lbs	-510 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
11-4-8	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
9-28	0.17	428 lbs	-226 lbs	2-13	0.27	785 lbs	-407 lbs
12-28	0.22	-564 lbs	-564 lbs	13-15	0.27	1225 lbs	-650 lbs
12-14	0.20	-943 lbs	-943 lbs	15-17	0.37	1837 lbs	-1020 lbs
14-16	0.23	-1353 lbs	-1353 lbs	4-17	0.45	2279 lbs	-1374 lbs
16-18	0.25	-1483 lbs	-1483 lbs	5-22	0.35	1638 lbs	-1055 lbs
18-19	0.29	-2219 lbs	-2219 lbs	6-22	0.37	1638 lbs	-1111 lbs
19-21	0.30	-2219 lbs	-2219 lbs	7-29	0.25	-505 lbs	-505 lbs
10-21	0.23	-1945 lbs	-1945 lbs	29-31	0.22	-505 lbs	-505 lbs
10-20	0.19	-1489 lbs	-1489 lbs	8-31	0.22	-505 lbs	-505 lbs
20-30	0.39	-1538 lbs	-1538 lbs	1-27	0.04	0 lbs	0 lbs
30-32	0.27	14 lbs	-7 lbs	3-27	0.06	281 lbs	-150 lbs
11-32	0.21	14 lbs	-7 lbs				

Web			
1-9	0.90	-957 lbs	-957 lbs
2-3	0.14	54 lbs	-15 lbs
2-26	0.17	-172 lbs	-172 lbs
25-26	0.09	-172 lbs	-172 lbs
12-25	0.29	-1383 lbs	-1383 lbs
13-14	0.65	-1383 lbs	-1383 lbs
15-16	0.09	-193 lbs	-193 lbs
17-18	0.13	851 lbs	-527 lbs
4-5	0.73	195 lbs	-30 lbs
4-19	0.94	195 lbs	-90 lbs
7-23	0.10	-333 lbs	-333 lbs
6-23	0.12	-333 lbs	-333 lbs
6-24	0.36	599 lbs	-443 lbs
20-24	0.30	-877 lbs	-877 lbs
21-22	0.19	-1275 lbs	-1275 lbs
25-28	0.82	1276 lbs	-651 lbs
26-27	0.07	-351 lbs	-351 lbs
24-30	0.13	2113 lbs	-820 lbs
23-29	0.11	-722 lbs	-722 lbs
31-32	0.46	-1104 lbs	-1104 lbs
12-13	0.87	1294 lbs	-681 lbs
14-15	0.60	1278 lbs	-705 lbs
15-18	0.42	-1140 lbs	-1140 lbs
17-19	0.13	-576 lbs	-576 lbs
19-22	0.12	745 lbs	-653 lbs

Web			
20-22	0.01	241 lbs	-89 lbs

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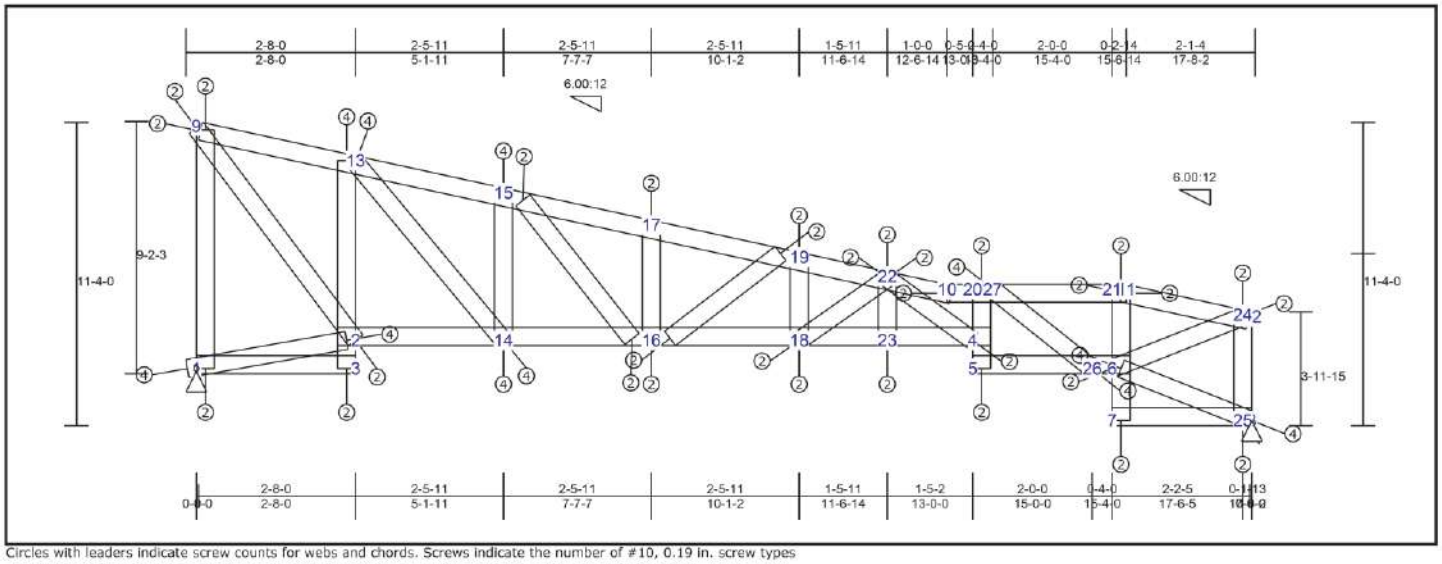
TRUSS TB26 (spacing 24 in)



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 :	0.22 (27 - 21)	TL(V): 0.03 in.	L / 999	(10-20)	L / 360
BC :	0.37 (2 - 14)	LL(V): 0.02 in.	L / 999	(10-20)	L / 360
Web :	0.86 (13 - 14)	DL(V): 0.01 in.	L / 999	(10-20)	L / 0
		Cant / OH TL: 0.01 in.	2L / 1	(10-20)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 1	(10-20)	2L / 360
		Horiz TL: 0.01 in.		9	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(16-18)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1090 lbs	1020 lbs	0 lbs	-500 lbs	1090 lbs
8	Fixed		-930 lbs	1160 lbs	0 lbs	-160 lbs	-930 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
11-5-0	17-11-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-20	0.09	-665 lbs	-665 lbs	2-14	0.37	-1096 lbs	-1096 lbs	1-9	0.26	-536 lbs	-536 lbs
20-27	0.19	-739 lbs	-739 lbs	14-16	0.23	-648 lbs	-648 lbs	2-3	0.22	-446 lbs	-446 lbs
21-27	0.22	-739 lbs	-739 lbs	16-18	0.22	-422 lbs	-422 lbs	2-13	0.33	-884 lbs	-884 lbs
11-21	0.02	-205 lbs	-205 lbs	18-23	0.08	-234 lbs	-234 lbs	14-15	0.72	-885 lbs	-885 lbs
9-13	0.13	-235 lbs	-235 lbs	4-23	0.10	-285 lbs	-285 lbs	16-17	0.14	-282 lbs	-282 lbs
13-15	0.12	-528 lbs	-528 lbs	5-26	0.29	-745 lbs	-745 lbs	18-19	0.07	396 lbs	-259 lbs
15-17	0.14	-729 lbs	-729 lbs	6-26	0.27	-745 lbs	-745 lbs	4-5	0.07	93 lbs	-24 lbs
17-19	0.09	-729 lbs	-729 lbs	1-3	0.34	-1096 lbs	-1096 lbs	4-20	0.06	473 lbs	-117 lbs
19-22	0.15	-950 lbs	-950 lbs	7-25	0.31	-926 lbs	-926 lbs	6-7	0.20	-799 lbs	-799 lbs
10-22	0.18	-976 lbs	-976 lbs	8-25	0.27	-926 lbs	-926 lbs	6-21	0.23	-799 lbs	-799 lbs
11-24	0.05	-206 lbs	-206 lbs					22-23	0.01	45 lbs	-41 lbs
12-24	0.05	-206 lbs	-206 lbs					24-25	0.13	-325 lbs	-325 lbs
								2-9	0.68	554 lbs	-369 lbs
								1-2	0.27	-1276 lbs	-1276 lbs
								6-24	0.02	193 lbs	-70 lbs
								6-25	0.28	-1155 lbs	-1155 lbs
								4-22	0.08	-392 lbs	-392 lbs
								18-22	0.06	-266 lbs	-266 lbs
								13-14	0.86	812 lbs	-580 lbs
								26-27	0.34	-1113 lbs	-1113 lbs
								15-16	0.44	705 lbs	-524 lbs
								16-19	0.15	-398 lbs	-398 lbs

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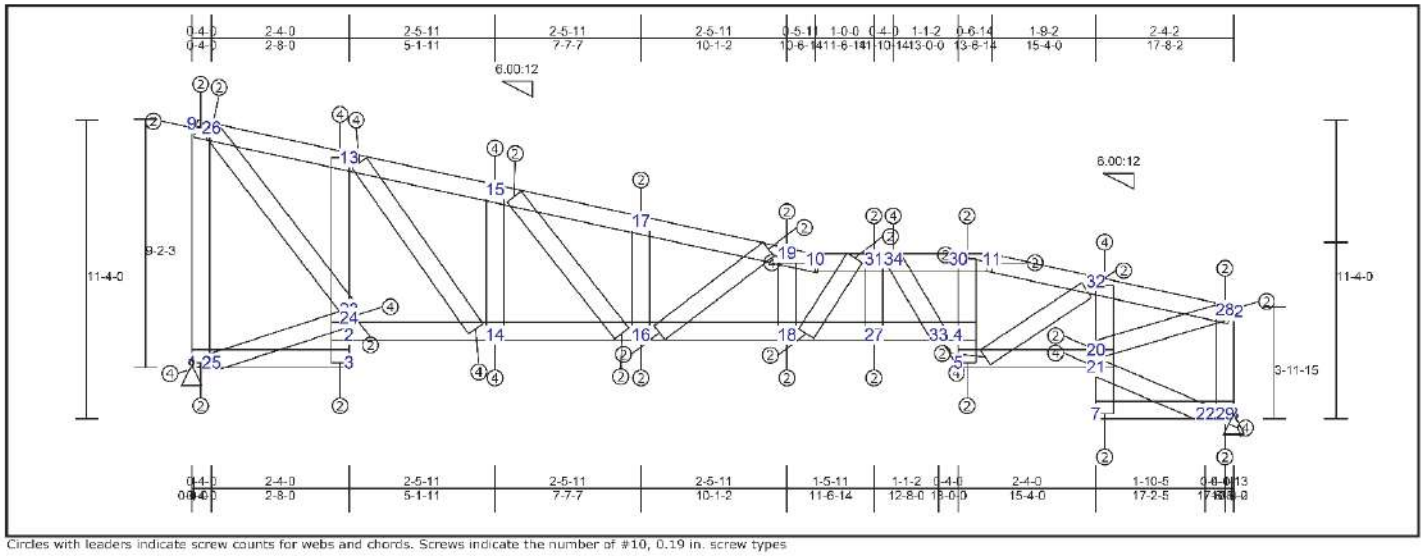
TRUSS TB27 (spacing 24 in)



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 :	0.23 (34 - 30)	TL(V): 0.05 in.	L / 999	(19-10)	L / 360
BC :	0.39 (25 - 3)	LL(V): 0.03 in.	L / 999	(19-10)	L / 360
Web :	0.90 (1 - 9)	DL(V): 0.02 in.	L / 999	(19-10)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(9-26)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(9-26)	2L / 360
		Horiz TL: 0.01 in.		9	
		Web :			
		SnowWind -0.02 in.	L / 999	(16-18)	L / 360
		Cant (SnowWind) -0.01 in.	L / 874	(11-32)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		960 lbs	1020 lbs	0 lbs	-500 lbs	960 lbs
8	Fixed		-790 lbs	1160 lbs	0 lbs	-160 lbs	-790 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
11-4-7	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-31	0.13	-827 lbs	-827 lbs	2-14	0.26	-771 lbs	-771 lbs	1-9	0.91	-484 lbs	-484 lbs
31-34	0.22	-765 lbs	-765 lbs	14-16	0.25	-514 lbs	-514 lbs	2-3	0.07	121 lbs	-77 lbs
30-34	0.23	-765 lbs	-765 lbs	16-18	0.16	-277 lbs	-277 lbs	2-24	0.15	-491 lbs	-491 lbs
11-30	0.06	-543 lbs	-543 lbs	18-27	0.09	112 lbs	-78 lbs	23-24	0.08	-491 lbs	-491 lbs
9-26	0.09	216 lbs	-142 lbs	27-33	0.16	-297 lbs	-297 lbs	13-23	0.20	-1058 lbs	-1058 lbs
13-26	0.17	-296 lbs	-296 lbs	4-33	0.27	-297 lbs	-297 lbs	14-15	0.83	-1004 lbs	-1004 lbs
13-15	0.15	-552 lbs	-552 lbs	5-6	0.13	-642 lbs	-642 lbs	16-17	0.06	162 lbs	-122 lbs
15-17	0.16	-769 lbs	-769 lbs	1-25	0.32	-958 lbs	-958 lbs	18-19	0.08	-321 lbs	-321 lbs
17-19	0.21	-833 lbs	-833 lbs	3-25	0.39	-958 lbs	-958 lbs	21-22	0.22	-1265 lbs	-1265 lbs
10-19	0.17	-833 lbs	-833 lbs	7-22	0.28	-793 lbs	-793 lbs	23-26	0.51	597 lbs	-376 lbs
11-32	0.07	-601 lbs	-601 lbs	22-29	0.29	-793 lbs	-793 lbs	24-25	0.22	-1034 lbs	-1034 lbs
28-32	0.15	-601 lbs	-601 lbs	8-29	0.35	-793 lbs	-793 lbs	28-29	0.12	-302 lbs	-302 lbs
12-28	0.05	-129 lbs	-129 lbs					4-5	0.17	-488 lbs	-488 lbs
								4-30	0.22	-488 lbs	-488 lbs
								7-21	0.18	-820 lbs	-820 lbs
								6-21	0.00	0 lbs	0 lbs
								6-20	0.19	-820 lbs	-820 lbs
								20-32	0.12	-923 lbs	-923 lbs
								27-31	0.01	105 lbs	-37 lbs
								33-34	0.22	-889 lbs	-889 lbs
								20-26	0.02	240 lbs	-95 lbs
								13-14	0.89	914 lbs	-636 lbs
								15-16	0.47	801 lbs	-564 lbs
								16-19	0.17	-469 lbs	-469 lbs
								5-32	0.05	593 lbs	-151 lbs

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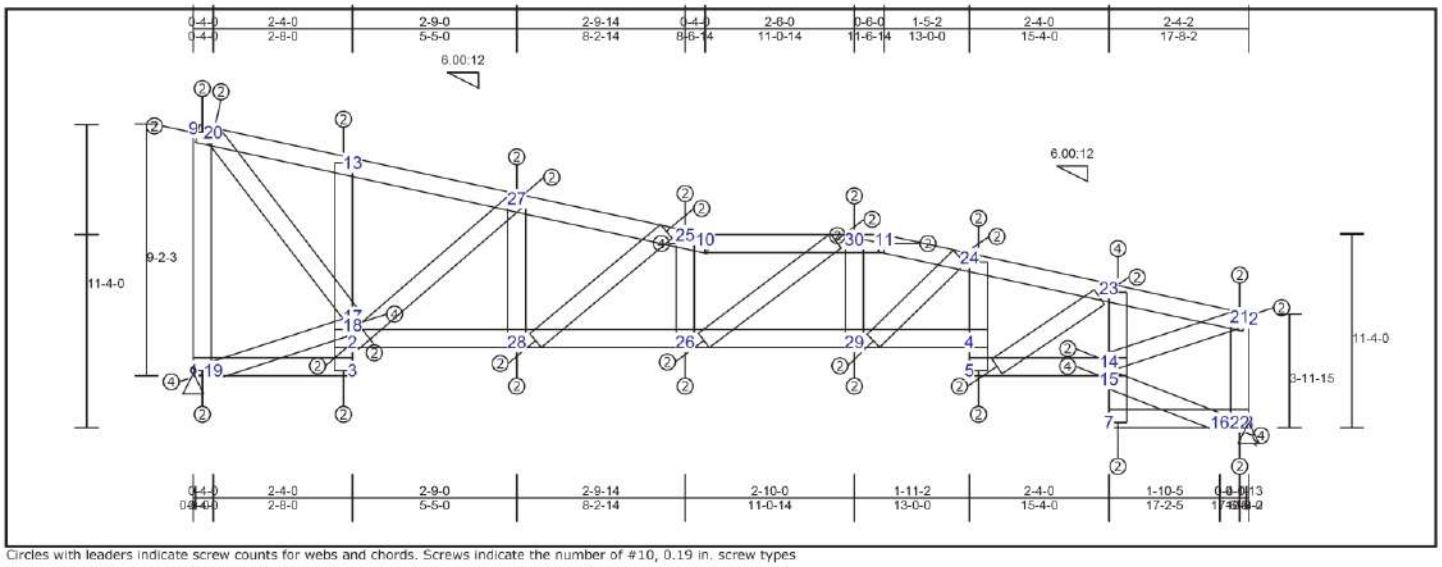
TRUSS TB28 (spacing 24 in)



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 (27 - 25)	TL(V): 0.04 in.	L / 878	(10-30)	L / 360
BC :	0.33 (19 - 3)	LL(V): 0.02 in.	L / 999	(10-30)	L / 360
Web :	0.85 (1 - 9)	DL(V): 0.02 in.	L / 999	(25-10)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(9-20)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(9-20)	2L / 360
		Horiz TL: 0.01 in.		9	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(10-30)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		800 lbs	1050 lbs	0 lbs	-490 lbs	800 lbs
8	Fixed		-630 lbs	1140 lbs	0 lbs	-170 lbs	-630 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
11-4-8	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-30	0.16	-798 lbs	-798 lbs	2-28	0.22	-617 lbs	-617 lbs	1-9	0.85	-578 lbs	-578 lbs
11-30	0.09	-675 lbs	-675 lbs	26-28	0.16	350 lbs	-294 lbs	2-3	0.06	107 lbs	-71 lbs
11-24	0.10	-764 lbs	-764 lbs	26-29	0.07	230 lbs	-83 lbs	2-18	0.13	760 lbs	-492 lbs
23-24	0.09	-764 lbs	-764 lbs	4-29	0.06	-105 lbs	-105 lbs	17-18	0.06	228 lbs	-52 lbs
21-23	0.14	-689 lbs	-689 lbs	5-6	0.11	-347 lbs	-347 lbs	13-17	0.08	-413 lbs	-413 lbs
12-21	0.08	-204 lbs	-204 lbs	1-19	0.26	-797 lbs	-797 lbs	15-16	0.16	-1039 lbs	-1039 lbs
9-20	0.10	258 lbs	-154 lbs	3-19	0.33	-797 lbs	-797 lbs	17-20	0.50	673 lbs	-372 lbs
13-20	0.12	-308 lbs	-308 lbs	7-16	0.22	-632 lbs	-632 lbs	18-19	0.18	-890 lbs	-890 lbs
13-27	0.05	-249 lbs	-249 lbs	16-22	0.26	-632 lbs	-632 lbs	21-22	0.19	-470 lbs	-470 lbs
25-27	0.24	-698 lbs	-698 lbs	8-22	0.32	-632 lbs	-632 lbs	7-15	0.16	-631 lbs	-631 lbs
10-25	0.16	-698 lbs	-698 lbs					6-15	0.12	-631 lbs	-631 lbs
								6-14	0.16	-631 lbs	-631 lbs
								14-23	0.17	-842 lbs	-842 lbs
								4-5	0.07	-398 lbs	-398 lbs
								4-24	0.08	-398 lbs	-398 lbs
								27-28	0.30	772 lbs	-415 lbs
								29-30	0.09	-221 lbs	-221 lbs
								25-26	0.10	-242 lbs	-242 lbs
								14-21	0.03	415 lbs	-170 lbs
								2-27	0.82	-807 lbs	-807 lbs
								5-23	0.03	472 lbs	-100 lbs
								24-29	0.02	284 lbs	-48 lbs
								25-28	0.40	-695 lbs	-695 lbs
								26-30	0.03	321 lbs	-54 lbs

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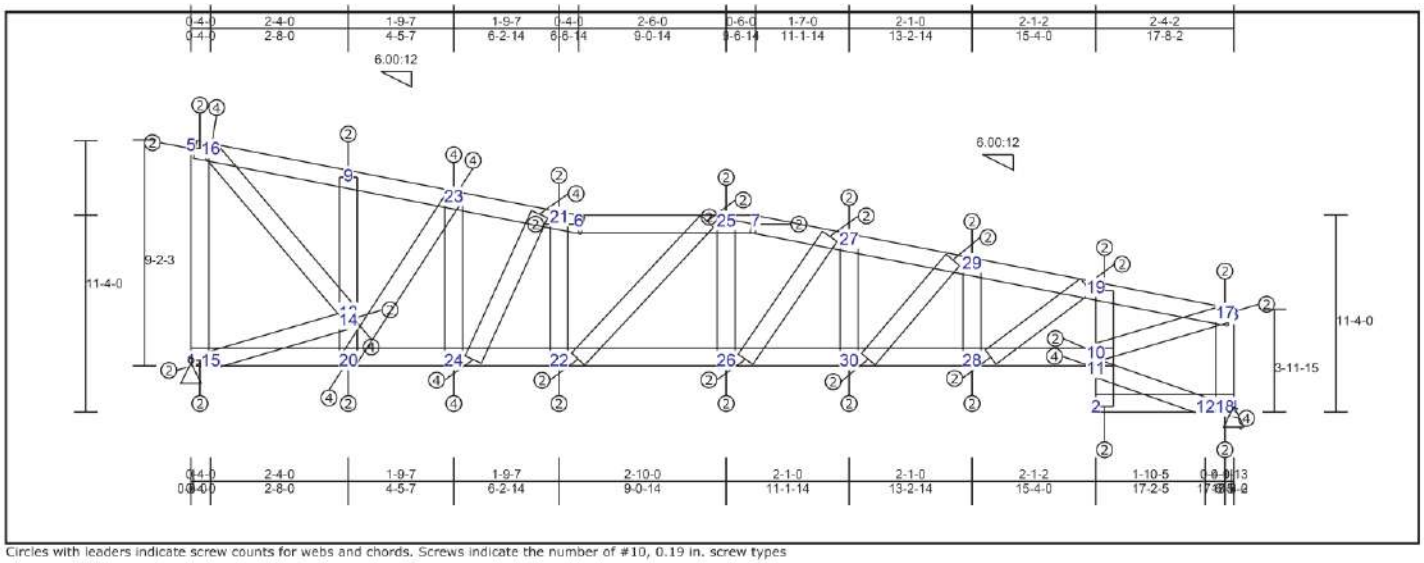
TRUSS TB29 (spacing 24 in)



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 (23 - 21)	TL(V): 0.04 in.	L / 885	(6-25)	L / 360
BC :	0.32 (18 - 4)	LL(V): 0.02 in.	L / 999	(6-25)	L / 360
Web :	0.97 (1 - 5)	DL(V): 0.02 in.	L / 999	(6-25)	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(6-25)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(6-25)	2L / 360
		Horiz TL: 0.01 in.		5	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(6-25)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(6-25)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		780 lbs	1050 lbs	0 lbs	-460 lbs	780 lbs
4	Fixed		-570 lbs	1130 lbs	0 lbs	-200 lbs	-570 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
11-4-8	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-16	0.14	355 lbs	-238 lbs	2-12	0.19	-570 lbs	-570 lbs	1-5	0.97	-793 lbs	-793 lbs
9-16	0.16	-414 lbs	-414 lbs	12-18	0.26	-570 lbs	-570 lbs	11-12	0.15	-929 lbs	-929 lbs
9-23	0.08	-414 lbs	-414 lbs	4-18	0.32	-570 lbs	-570 lbs	13-16	0.90	951 lbs	-617 lbs
21-23	0.24	-651 lbs	-651 lbs	1-15	0.24	-784 lbs	-784 lbs	14-15	0.11	-465 lbs	-465 lbs
6-21	0.14	-479 lbs	-479 lbs	15-20	0.28	-784 lbs	-784 lbs	17-18	0.21	-518 lbs	-518 lbs
6-25	0.10	-671 lbs	-671 lbs	20-24	0.20	529 lbs	-452 lbs	2-11	0.14	-576 lbs	-576 lbs
7-25	0.10	-671 lbs	-671 lbs	22-24	0.20	438 lbs	-321 lbs	3-11	0.11	-576 lbs	-576 lbs
7-27	0.08	-755 lbs	-755 lbs	22-26	0.12	364 lbs	-201 lbs	3-10	0.15	-576 lbs	-576 lbs
27-29	0.10	-818 lbs	-818 lbs	26-30	0.06	282 lbs	-136 lbs	10-19	0.15	-762 lbs	-762 lbs
19-29	0.11	-818 lbs	-818 lbs	28-30	0.11	215 lbs	-100 lbs	14-20	0.07	803 lbs	-488 lbs
17-19	0.13	-665 lbs	-665 lbs	3-28	0.12	-230 lbs	-230 lbs	13-14	0.08	803 lbs	-488 lbs
8-17	0.09	-226 lbs	-226 lbs					9-13	0.14	524 lbs	-378 lbs
								23-24	0.81	1024 lbs	-580 lbs
								21-22	0.23	-238 lbs	-238 lbs
								25-26	0.28	-299 lbs	-299 lbs
								27-30	0.12	-190 lbs	-190 lbs
								28-29	0.23	-517 lbs	-517 lbs
								10-17	0.03	473 lbs	-123 lbs
								20-23	0.85	-865 lbs	-865 lbs
								21-24	0.96	-909 lbs	-909 lbs
								22-25	0.25	282 lbs	-233 lbs
								19-28	0.03	454 lbs	-102 lbs
								26-27	0.11	268 lbs	-150 lbs
								29-30	0.03	248 lbs	-51 lbs

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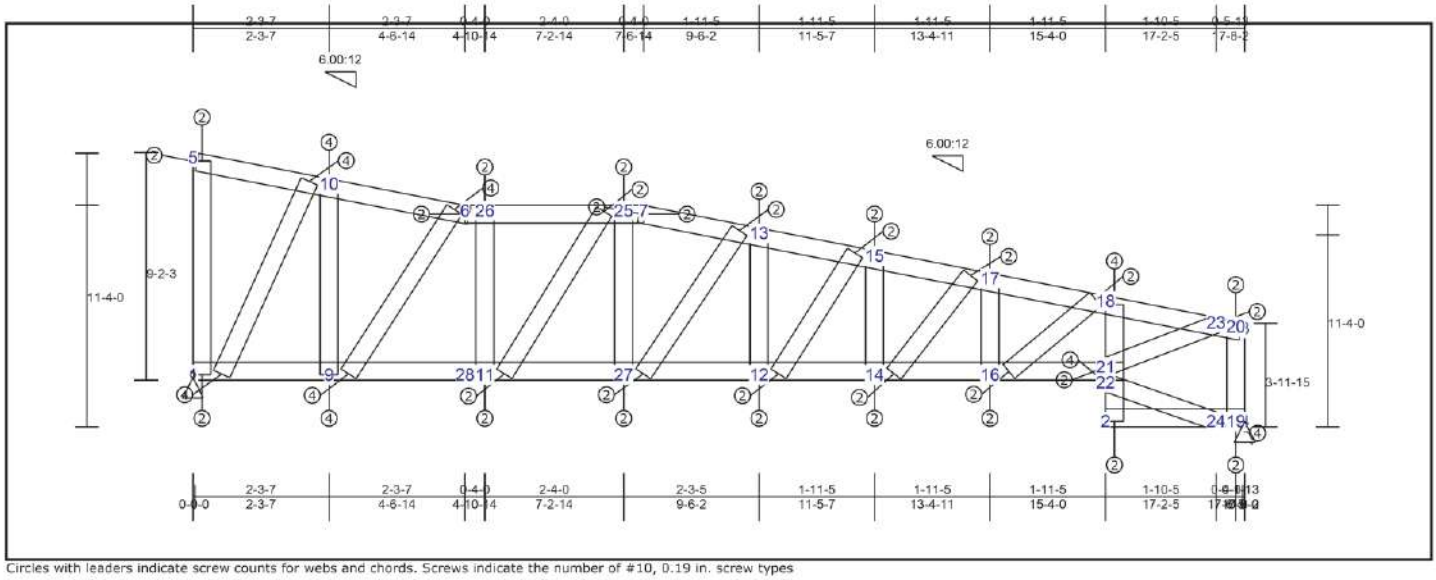
TRUSS TB30 (spacing 24 in)



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 (5 - 10)	TL(V): 0.03 in.	L / 999	(26-25)	L / 360
BC :	0.43 (1 - 9)	LL(V): 0.02 in.	L / 999	(26-25)	L / 360
Web :	0.91 (1 - 10)	DL(V): 0.01 in.	L / 999	(11-27)	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(26-25)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(26-25)	2L / 360
		Horiz TL: -0.01 in.		13	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(13-15)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(13-15)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		840 lbs	1040 lbs	0 lbs	-450 lbs	840 lbs
4	Fixed		-630 lbs	1140 lbs	0 lbs	-220 lbs	-630 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
11-4-8	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-13	0.07	-674 lbs	-674 lbs	2-24	0.21	-633 lbs	-633 lbs	1-5	0.02	18 lbs	-12 lbs
13-15	0.09	-763 lbs	-763 lbs	19-24	0.27	-633 lbs	-633 lbs	9-10	0.65	1247 lbs	-745 lbs
15-17	0.09	-802 lbs	-802 lbs	4-19	0.34	-633 lbs	-633 lbs	12-13	0.27	-296 lbs	-296 lbs
17-18	0.11	-802 lbs	-802 lbs	1-9	0.43	-842 lbs	-842 lbs	14-15	0.13	-215 lbs	-215 lbs
18-23	0.14	-630 lbs	-630 lbs	9-11	0.27	678 lbs	-630 lbs	16-17	0.25	-590 lbs	-590 lbs
20-23	0.11	-335 lbs	-335 lbs	11-27	0.17	516 lbs	-402 lbs	2-22	0.16	-651 lbs	-651 lbs
8-20	0.08	-197 lbs	-197 lbs	12-27	0.11	396 lbs	-270 lbs	3-22	0.12	-651 lbs	-651 lbs
6-26	0.16	-444 lbs	-444 lbs	12-14	0.07	292 lbs	-174 lbs	3-21	0.16	-651 lbs	-651 lbs
25-26	0.16	-574 lbs	-574 lbs	14-16	0.12	231 lbs	-171 lbs	18-21	0.18	-872 lbs	-872 lbs
7-25	0.07	-574 lbs	-574 lbs	3-16	0.14	-332 lbs	-332 lbs	19-20	0.19	-454 lbs	-454 lbs
5-10	0.24	309 lbs	-246 lbs					11-26	0.69	599 lbs	-508 lbs
6-10	0.24	-342 lbs	-342 lbs					25-27	0.56	458 lbs	-419 lbs
								21-23	0.02	473 lbs	-96 lbs
								22-24	0.16	-1037 lbs	-1037 lbs
								12-15	0.14	289 lbs	-199 lbs
								14-17	0.02	319 lbs	-31 lbs
								16-18	0.03	478 lbs	-102 lbs
								1-10	0.91	-1358 lbs	-1358 lbs
								11-25	0.82	-561 lbs	-561 lbs
								13-27	0.42	413 lbs	-387 lbs
								6-9	0.70	-1044 lbs	-1044 lbs

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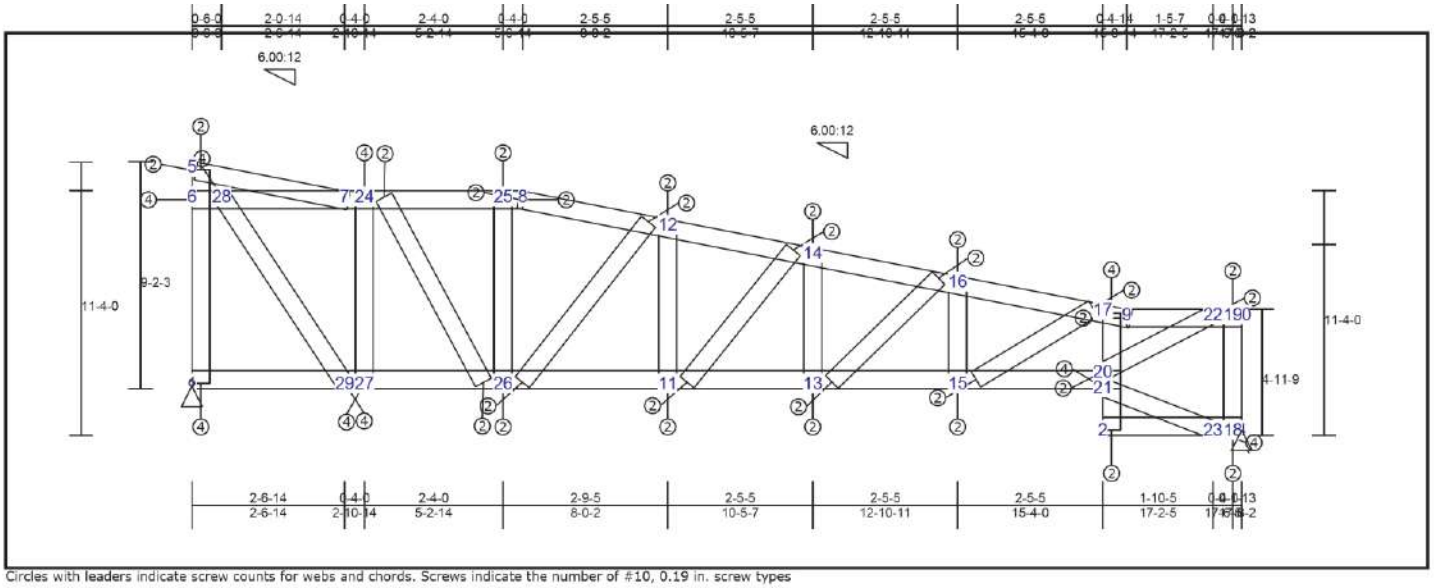
TRUSS TB31 (spacing 24 in)



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 - 28)	TL(V): 0.03 in.	L / 999	(26-11)	L / 360
BC :	0.35 (18 - 4)	LL(V): 0.02 in.	L / 999	(26-11)	L / 360
Web :	0.87 (27 - 24)	DL(V): 0.01 in.	L / 999	(26-11)	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(26-11)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(26-11)	2L / 360
		Horiz TL: -0.01 in.		14	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(26-11)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(26-11)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		810 lbs	1270 lbs	0 lbs	-470 lbs	810 lbs
4	Fixed		-660 lbs	1160 lbs	0 lbs	-180 lbs	-660 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
11-4-7	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-12	0.11	-568 lbs	-568 lbs	2-23	0.22	-659 lbs	-659 lbs	1-6	0.54	-1316 lbs	-1316 lbs
12-14	0.10	-747 lbs	-747 lbs	18-23	0.28	-659 lbs	-659 lbs	5-6	0.09	-55 lbs	-55 lbs
14-16	0.12	-816 lbs	-816 lbs	4-18	0.35	-659 lbs	-659 lbs	11-12	0.49	432 lbs	-399 lbs
16-17	0.14	-816 lbs	-816 lbs	1-29	0.27	-795 lbs	-795 lbs	13-14	0.10	-140 lbs	-140 lbs
9-17	0.12	-592 lbs	-592 lbs	27-29	0.26	536 lbs	-516 lbs	15-16	0.28	-583 lbs	-583 lbs
5-7	0.06	-216 lbs	-216 lbs	26-27	0.26	536 lbs	-516 lbs	2-21	0.16	-708 lbs	-708 lbs
9-22	0.11	-303 lbs	-303 lbs	11-26	0.21	411 lbs	-366 lbs	3-21	0.00	0 lbs	0 lbs
19-22	0.10	0 lbs	0 lbs	11-13	0.08	251 lbs	-192 lbs	3-20	0.15	-708 lbs	-708 lbs
10-19	0.08	0 lbs	0 lbs	13-15	0.13	152 lbs	-115 lbs	17-20	0.12	-1014 lbs	-1014 lbs
6-28	0.30	152 lbs	-83 lbs	3-15	0.14	-398 lbs	-398 lbs	18-19	0.25	-417 lbs	-417 lbs
7-28	0.26	-303 lbs	-303 lbs					25-26	0.03	62 lbs	-19 lbs
7-24	0.21	-303 lbs	-303 lbs					28-29	0.53	1267 lbs	-760 lbs
24-25	0.21	-463 lbs	-463 lbs					24-27	0.87	-1339 lbs	-1339 lbs
8-25	0.06	-463 lbs	-463 lbs					20-22	0.03	504 lbs	-149 lbs
								21-23	0.18	-1073 lbs	-1073 lbs
								11-14	0.30	356 lbs	-327 lbs
								13-16	0.02	217 lbs	-39 lbs
								15-17	0.06	561 lbs	-176 lbs
								12-26	0.73	-624 lbs	-624 lbs
								24-26	0.56	780 lbs	-606 lbs

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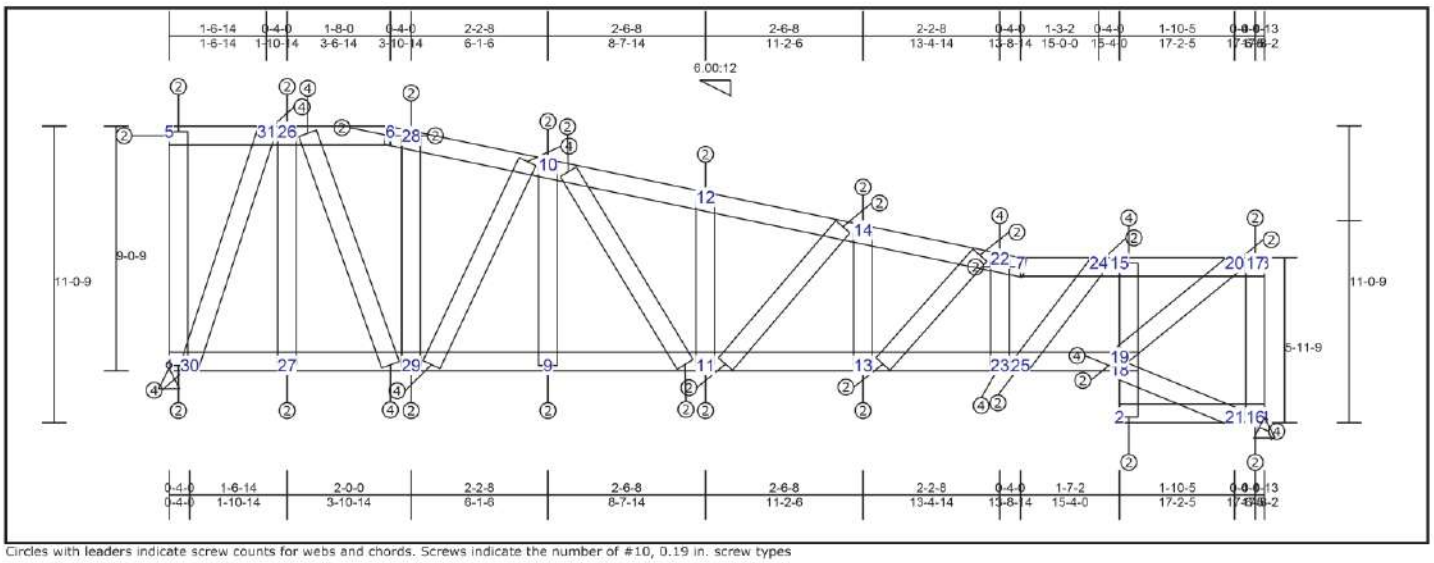
TRUSS TB32 (spacing 24 in)



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 :	0.28 (5 - 31)	TL(V): 0.04 in.	L / 999	(10-12)	L / 360
BC :	0.37 (30 - 27)	LL(V): 0.02 in.	L / 999	(10-12)	L / 360
Web :	0.83 (30 - 31)	DL(V): 0.02 in.	L / 999	11	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(10-12)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(10-12)	2L / 360
		Horiz TL: -0.01 in.		12	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(10-12)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(10-12)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		860 lbs	1010 lbs	0 lbs	-370 lbs	860 lbs
4	Fixed		-750 lbs	1160 lbs	0 lbs	-170 lbs	-750 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
11-2-2	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-28	0.05	-459 lbs	-459 lbs	2-21	0.25	-747 lbs	-747 lbs	9-10	0.12	161 lbs	-79 lbs
10-28	0.18	-459 lbs	-459 lbs	16-21	0.29	-747 lbs	-747 lbs	11-12	0.42	-378 lbs	-378 lbs
10-12	0.16	-775 lbs	-775 lbs	4-16	0.36	-747 lbs	-747 lbs	13-14	0.09	-142 lbs	-142 lbs
12-14	0.10	-775 lbs	-775 lbs	1-30	0.35	-862 lbs	-862 lbs	2-18	0.16	-778 lbs	-778 lbs
14-22	0.10	-757 lbs	-757 lbs	27-30	0.37	-862 lbs	-862 lbs	3-18	0.00	0 lbs	0 lbs
7-22	0.12	-757 lbs	-757 lbs	27-29	0.23	-681 lbs	-681 lbs	3-19	0.18	-778 lbs	-778 lbs
7-24	0.15	-448 lbs	-448 lbs	9-29	0.31	-528 lbs	-528 lbs	15-19	0.13	-1099 lbs	-1099 lbs
15-24	0.16	-211 lbs	-211 lbs	9-11	0.12	-374 lbs	-374 lbs	16-17	0.31	-345 lbs	-345 lbs
15-20	0.21	-226 lbs	-226 lbs	11-13	0.14	-239 lbs	-239 lbs	1-5	0.30	185 lbs	-145 lbs
17-20	0.08	0 lbs	0 lbs	13-23	0.21	-298 lbs	-298 lbs	19-20	0.05	497 lbs	-131 lbs
8-17	0.06	0 lbs	0 lbs	23-25	0.21	-298 lbs	-298 lbs	18-21	0.20	-1176 lbs	-1176 lbs
5-31	0.28	-181 lbs	-181 lbs	3-25	0.18	-536 lbs	-536 lbs	24-25	0.13	782 lbs	-311 lbs
26-31	0.26	-181 lbs	-181 lbs					22-23	0.43	-986 lbs	-986 lbs
6-26	0.25	-344 lbs	-344 lbs					26-27	0.05	56 lbs	-24 lbs
								28-29	0.37	-187 lbs	-187 lbs
								30-31	0.83	-1332 lbs	-1332 lbs
								10-11	0.81	577 lbs	-477 lbs
								11-14	0.15	207 lbs	-192 lbs
								13-22	0.07	422 lbs	-135 lbs
								10-29	0.69	-868 lbs	-868 lbs
								26-29	0.79	1110 lbs	-777 lbs

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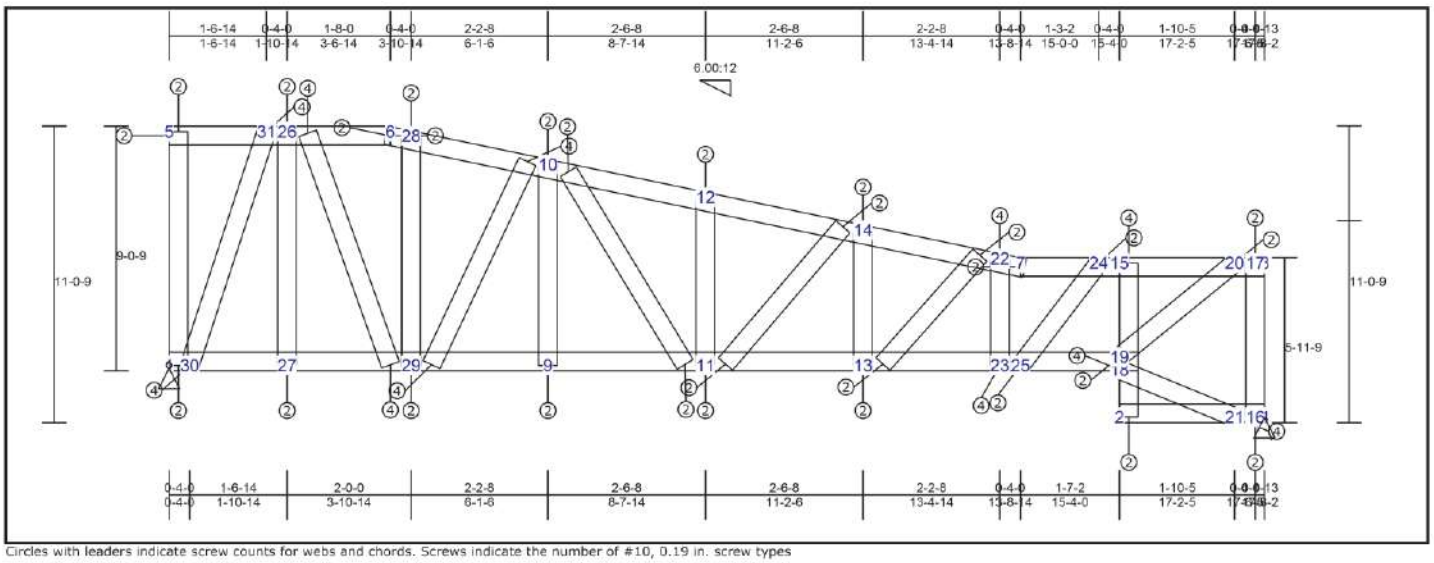
TRUSS TB33 (spacing 24 in)



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 :	0.28 (5 - 31)	TL(V): 0.04 in.	L / 999	(10-12)	L / 360
BC :	0.37 (30 - 27)	LL(V): 0.02 in.	L / 999	(10-12)	L / 360
Web :	0.83 (30 - 31)	DL(V): 0.02 in.	L / 999	11	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(10-12)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(10-12)	2L / 360
		Horiz TL: -0.01 in.		12	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(10-12)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(10-12)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		860 lbs	1010 lbs	0 lbs	-370 lbs	860 lbs
4	Fixed		-750 lbs	1160 lbs	0 lbs	-170 lbs	-750 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
11-2-2	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-28	0.05	-459 lbs	-459 lbs	2-21	0.25	-747 lbs	-747 lbs	9-10	0.12	161 lbs	-79 lbs
10-28	0.18	-459 lbs	-459 lbs	16-21	0.29	-747 lbs	-747 lbs	11-12	0.42	-378 lbs	-378 lbs
10-12	0.16	-775 lbs	-775 lbs	4-16	0.36	-747 lbs	-747 lbs	13-14	0.09	-142 lbs	-142 lbs
12-14	0.10	-775 lbs	-775 lbs	1-30	0.35	-862 lbs	-862 lbs	2-18	0.16	-778 lbs	-778 lbs
14-22	0.10	-757 lbs	-757 lbs	27-30	0.37	-862 lbs	-862 lbs	3-18	0.00	0 lbs	0 lbs
7-22	0.12	-757 lbs	-757 lbs	27-29	0.23	-681 lbs	-681 lbs	3-19	0.18	-778 lbs	-778 lbs
7-24	0.15	-448 lbs	-448 lbs	9-29	0.31	-528 lbs	-528 lbs	15-19	0.13	-1099 lbs	-1099 lbs
15-24	0.16	-211 lbs	-211 lbs	9-11	0.12	-374 lbs	-374 lbs	16-17	0.31	-345 lbs	-345 lbs
15-20	0.21	-226 lbs	-226 lbs	11-13	0.14	-239 lbs	-239 lbs	1-5	0.30	185 lbs	-145 lbs
17-20	0.08	0 lbs	0 lbs	13-23	0.21	-298 lbs	-298 lbs	19-20	0.05	497 lbs	-131 lbs
8-17	0.06	0 lbs	0 lbs	23-25	0.21	-298 lbs	-298 lbs	18-21	0.20	-1176 lbs	-1176 lbs
5-31	0.28	-181 lbs	-181 lbs	3-25	0.18	-536 lbs	-536 lbs	24-25	0.13	782 lbs	-311 lbs
26-31	0.26	-181 lbs	-181 lbs					22-23	0.43	-986 lbs	-986 lbs
6-26	0.25	-344 lbs	-344 lbs					26-27	0.05	56 lbs	-24 lbs
								28-29	0.37	-187 lbs	-187 lbs
								30-31	0.83	-1332 lbs	-1332 lbs
								10-11	0.81	577 lbs	-477 lbs
								11-14	0.15	207 lbs	-192 lbs
								13-22	0.07	422 lbs	-135 lbs
								10-29	0.69	-868 lbs	-868 lbs
								26-29	0.79	1110 lbs	-777 lbs

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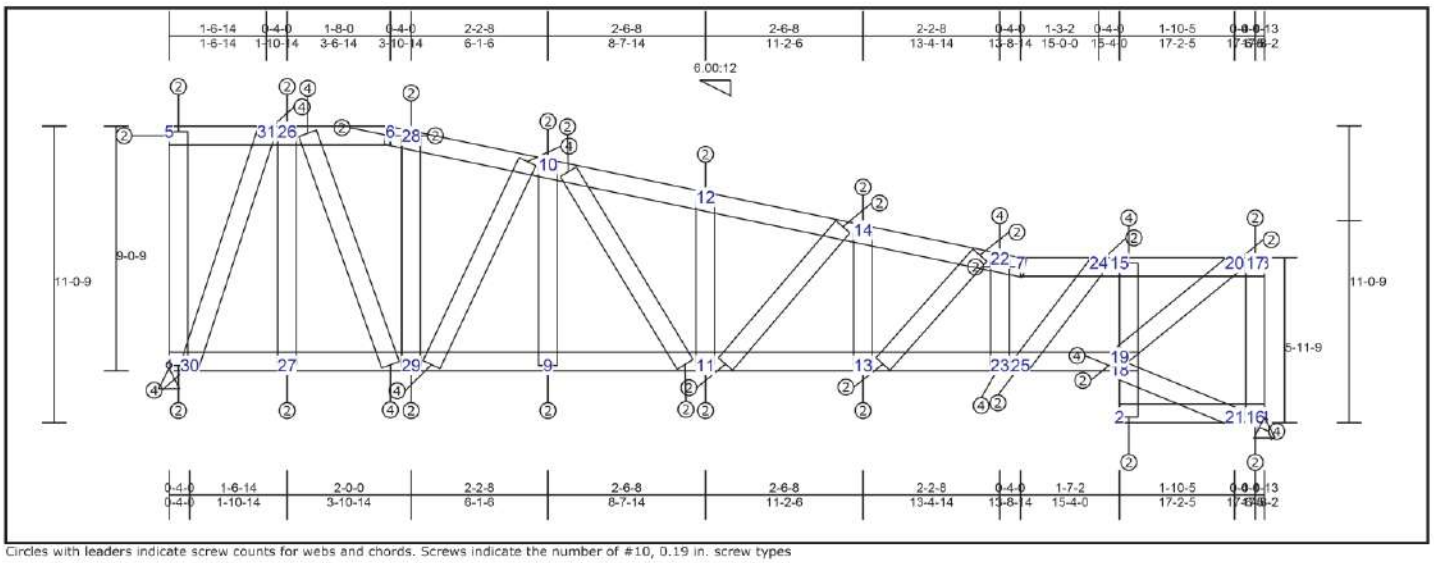
TRUSS TB34 (spacing 24 in)



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 :	0.28 (5 - 31)	TL(V): 0.04 in.	L / 999	(10-12)	L / 360
BC :	0.37 (30 - 27)	LL(V): 0.02 in.	L / 999	(10-12)	L / 360
Web :	0.83 (30 - 31)	DL(V): 0.02 in.	L / 999	11	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(10-12)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(10-12)	2L / 360
		Horiz TL: -0.01 in.		12	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(10-12)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(10-12)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		860 lbs	1010 lbs	0 lbs	-370 lbs	860 lbs
4	Fixed		-750 lbs	1160 lbs	0 lbs	-170 lbs	-750 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
11-2-2	17-8-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-28	0.05	-459 lbs	-459 lbs	2-21	0.25	-747 lbs	-747 lbs	9-10	0.12	161 lbs	-79 lbs
10-28	0.18	-459 lbs	-459 lbs	16-21	0.29	-747 lbs	-747 lbs	11-12	0.42	-378 lbs	-378 lbs
10-12	0.16	-775 lbs	-775 lbs	4-16	0.36	-747 lbs	-747 lbs	13-14	0.09	-142 lbs	-142 lbs
12-14	0.10	-775 lbs	-775 lbs	1-30	0.35	-862 lbs	-862 lbs	2-18	0.16	-778 lbs	-778 lbs
14-22	0.10	-757 lbs	-757 lbs	27-30	0.37	-862 lbs	-862 lbs	3-18	0.00	0 lbs	0 lbs
7-22	0.12	-757 lbs	-757 lbs	27-29	0.23	-681 lbs	-681 lbs	3-19	0.18	-778 lbs	-778 lbs
7-24	0.15	-448 lbs	-448 lbs	9-29	0.31	-528 lbs	-528 lbs	15-19	0.13	-1099 lbs	-1099 lbs
15-24	0.16	-211 lbs	-211 lbs	9-11	0.12	-374 lbs	-374 lbs	16-17	0.31	-345 lbs	-345 lbs
15-20	0.21	-226 lbs	-226 lbs	11-13	0.14	-239 lbs	-239 lbs	1-5	0.30	185 lbs	-145 lbs
17-20	0.08	0 lbs	0 lbs	13-23	0.21	-298 lbs	-298 lbs	19-20	0.05	497 lbs	-131 lbs
8-17	0.06	0 lbs	0 lbs	23-25	0.21	-298 lbs	-298 lbs	18-21	0.20	-1176 lbs	-1176 lbs
5-31	0.28	-181 lbs	-181 lbs	3-25	0.18	-536 lbs	-536 lbs	24-25	0.13	782 lbs	-311 lbs
26-31	0.26	-181 lbs	-181 lbs					22-23	0.43	-986 lbs	-986 lbs
6-26	0.25	-344 lbs	-344 lbs					26-27	0.05	56 lbs	-24 lbs
								28-29	0.37	-187 lbs	-187 lbs
								30-31	0.83	-1332 lbs	-1332 lbs
								10-11	0.81	577 lbs	-477 lbs
								11-14	0.15	207 lbs	-192 lbs
								13-22	0.07	422 lbs	-135 lbs
								10-29	0.69	-868 lbs	-868 lbs
								26-29	0.79	1110 lbs	-777 lbs

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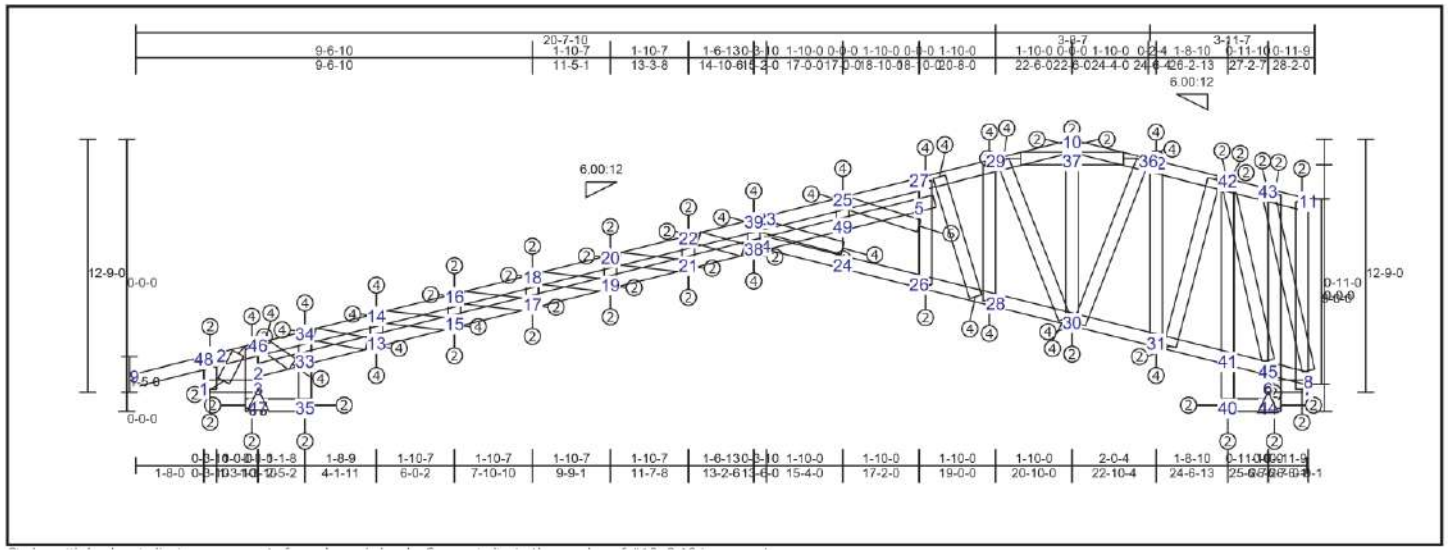
James@TAYNR.com
TAYNR.com

TRUSS TB35 (spacing 12 in)



Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.49 (22 - 39)	TL(V): 0.37 in.	L / 805	22	L / 360
BC :	0.92 (4 - 49)	LL(V): 0.2 in.	L / 999	22	L / 360
Web :	0.97 (29 - 30)	DL(V): 0.18 in.	L / 999	(22-39)	L / 0
		Cant / OH TL: 0.2 in.	2L / 189	22	2L / 360
		Cant / OH LL: 0.2 in.	2L / 189	22	2L / 360
		Horiz TL: -0.26 in.		35	
		Web :			
		Snow/Wind -0.08 in.	L / 999	(20-22)	L / 360
		Cant (Snow/Wind) -0.08 in.	L / 800	(20-22)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	HRoll		0 lbs	940 lbs	0 lbs	-270 lbs	0 lbs
6	Pin		340 lbs	850 lbs	0 lbs	-250 lbs	340 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
12-9-0	28-3-14

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord

10-36	0.16	-569 lbs	-569 lbs
32-36	0.13	-569 lbs	-569 lbs
32-42	0.14	-569 lbs	-569 lbs
42-43	0.16	-456 lbs	-456 lbs
11-43	0.06	119 lbs	-13 lbs
9-48	0.06	37 lbs	0 lbs
46-48	0.16	-383 lbs	-383 lbs
34-46	0.14	-1138 lbs	-1138 lbs
14-34	0.21	-2177 lbs	-2177 lbs
14-16	0.30	-3140 lbs	-3140 lbs
16-18	0.37	-3849 lbs	-3849 lbs
18-20	0.42	-4313 lbs	-4313 lbs
20-22	0.44	-4567 lbs	-4567 lbs
22-39	0.49	-4567 lbs	-4567 lbs
25-39	0.44	-3986 lbs	-3986 lbs

Top Chord

25-27	0.30	-1379 lbs	-1379 lbs
27-29	0.25	-1379 lbs	-1379 lbs
10-29	0.22	-444 lbs	-444 lbs

Bot Chord

4-26	0.18	869 lbs	-27 lbs
26-28	0.23	931 lbs	-179 lbs
28-30	0.15	741 lbs	-197 lbs
30-31	0.15	488 lbs	-273 lbs
31-41	0.13	453 lbs	-273 lbs
41-45	0.15	486 lbs	-445 lbs
8-45	0.16	486 lbs	-445 lbs
6-7	0.05	-156 lbs	-156 lbs
1-3	0.08	107 lbs	-26 lbs
2-33	0.20	233 lbs	-18 lbs
13-33	0.23	1520 lbs	-434 lbs
13-15	0.23	2617 lbs	-774 lbs
15-17	0.29	3437 lbs	-943 lbs
17-19	0.31	4018 lbs	-976 lbs
19-21	0.31	4369 lbs	-960 lbs
21-38	0.32	4455 lbs	-810 lbs
4-38	0.38	4411 lbs	-601 lbs
4-49	0.92	3908 lbs	-618 lbs
5-49	0.39	2816 lbs	-482 lbs

Web

13-14	0.12	-821 lbs	-821 lbs
15-16	0.09	-620 lbs	-620 lbs
17-18	0.07	-468 lbs	-468 lbs
19-20	0.05	-314 lbs	-314 lbs
21-22	0.04	-293 lbs	-293 lbs
5-26	0.02	242 lbs	-34 lbs
5-27	0.29	1423 lbs	-267 lbs
31-32	0.89	-852 lbs	-852 lbs
7-8	0.03	-49 lbs	-49 lbs
8-11	0.05	-171 lbs	-171 lbs
38-39	0.06	1126 lbs	-182 lbs
42-45	0.77	-733 lbs	-733 lbs
8-43	0.07	-238 lbs	-238 lbs
1-48	0.02	319 lbs	-102 lbs
25-49	0.23	1588 lbs	-540 lbs
39-49	0.16	-1053 lbs	-1053 lbs
5-25	0.21	-1956 lbs	-1956 lbs
28-29	0.37	1296 lbs	-316 lbs
29-37	0.04	-414 lbs	-414 lbs
36-37	0.04	-414 lbs	-414 lbs
40-41	0.03	0 lbs	0 lbs
41-42	0.09	-145 lbs	-145 lbs
6-44	0.01	0 lbs	0 lbs
6-45	0.08	-825 lbs	-825 lbs
43-45	0.38	-825 lbs	-825 lbs
40-44	0.00	27 lbs	-25 lbs
33-35	0.02	0 lbs	0 lbs
33-34	0.17	-1101 lbs	-1101 lbs
3-47	0.00	0 lbs	0 lbs
2-3	0.08	-921 lbs	-921 lbs
2-46	0.09	-921 lbs	-921 lbs
35-47	0.00	16 lbs	-13 lbs
30-37	0.01	31 lbs	-5 lbs
14-15	0.05	937 lbs	-271 lbs
16-17	0.03	696 lbs	-118 lbs
18-19	0.02	474 lbs	0 lbs
20-21	0.02	397 lbs	-73 lbs
13-34	0.05	1028 lbs	-356 lbs
22-38	0.02	250 lbs	-140 lbs
33-46	0.04	823 lbs	-293 lbs
1-46	0.06	-424 lbs	-424 lbs
27-28	0.93	-1413 lbs	-1413 lbs
29-30	0.97	-1040 lbs	-1040 lbs
31-42	0.30	715 lbs	-172 lbs
30-32	0.40	835 lbs	-236 lbs

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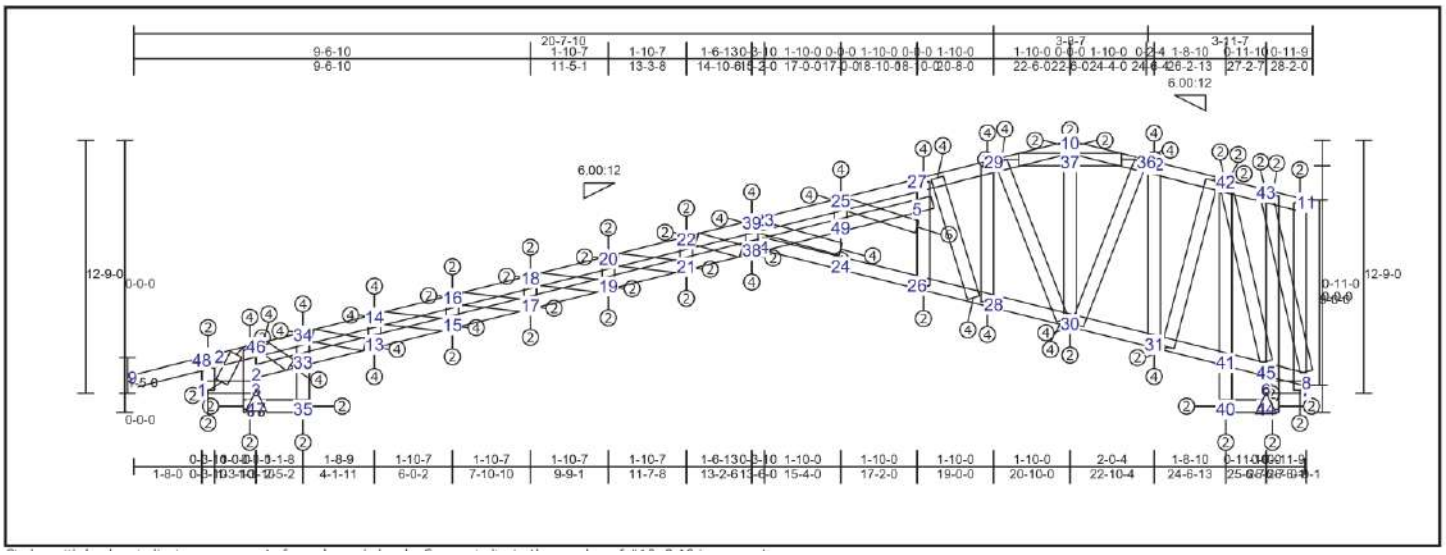
TRUSS TB36 (spacing 12 in)



Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.49 (22 - 39)	TL(V): 0.37 in.	L / 805	22	L / 360
BC :	0.92 (4 - 49)	LL(V): 0.2 in.	L / 999	22	L / 360
Web :	0.97 (29 - 30)	DL(V): 0.18 in.	L / 999	(22-39)	L / 0
		Cant / OH TL: 0.2 in.	2L / 189	22	2L / 360
		Cant / OH LL: 0.2 in.	2L / 189	22	2L / 360
		Horiz TL: -0.26 in.		35	
		Web :			
		Snow/Wind -0.08 in.	L / 999	(20-22)	L / 360
		Cant (Snow/Wind) -0.08 in.	L / 800	(20-22)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	HRoll		0 lbs	940 lbs	0 lbs	-270 lbs	0 lbs
6	Pin		340 lbs	850 lbs	0 lbs	-250 lbs	340 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
12-9-0	28-3-14

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord

10-36	0.16	-569 lbs	-569 lbs
32-36	0.13	-569 lbs	-569 lbs
32-42	0.14	-569 lbs	-569 lbs
42-43	0.16	-456 lbs	-456 lbs
11-43	0.06	119 lbs	-13 lbs
9-48	0.06	37 lbs	0 lbs
46-48	0.16	-383 lbs	-383 lbs
34-46	0.14	-1138 lbs	-1138 lbs
14-34	0.21	-2177 lbs	-2177 lbs
14-16	0.30	-3140 lbs	-3140 lbs
16-18	0.37	-3849 lbs	-3849 lbs
18-20	0.42	-4313 lbs	-4313 lbs
20-22	0.44	-4567 lbs	-4567 lbs
22-39	0.49	-4567 lbs	-4567 lbs
25-39	0.44	-3986 lbs	-3986 lbs

Top Chord

25-27	0.30	-1379 lbs	-1379 lbs
27-29	0.25	-1379 lbs	-1379 lbs
10-29	0.22	-444 lbs	-444 lbs

Bot Chord

4-26	0.18	869 lbs	-27 lbs
26-28	0.23	931 lbs	-179 lbs
28-30	0.15	741 lbs	-197 lbs
30-31	0.15	488 lbs	-273 lbs
31-41	0.13	453 lbs	-273 lbs
41-45	0.15	486 lbs	-445 lbs
8-45	0.16	486 lbs	-445 lbs
6-7	0.05	-156 lbs	-156 lbs
1-3	0.08	107 lbs	-26 lbs
2-33	0.20	233 lbs	-18 lbs
13-33	0.23	1520 lbs	-434 lbs
13-15	0.23	2817 lbs	-774 lbs
15-17	0.29	3437 lbs	-943 lbs
17-19	0.31	4018 lbs	-978 lbs
19-21	0.31	4369 lbs	-960 lbs
21-38	0.32	4455 lbs	-810 lbs
4-38	0.38	4411 lbs	-601 lbs
4-49	0.92	3908 lbs	-618 lbs
5-49	0.39	2816 lbs	-482 lbs

Web

13-14	0.12	-821 lbs	-821 lbs
15-16	0.09	-620 lbs	-620 lbs
17-18	0.07	-468 lbs	-468 lbs
19-20	0.05	-314 lbs	-314 lbs
21-22	0.04	-293 lbs	-293 lbs
5-26	0.02	242 lbs	-34 lbs
5-27	0.29	1423 lbs	-267 lbs
31-32	0.89	-852 lbs	-852 lbs
7-8	0.03	-49 lbs	-49 lbs
8-11	0.05	-171 lbs	-171 lbs
38-39	0.06	1126 lbs	-182 lbs
42-45	0.77	-733 lbs	-733 lbs
8-43	0.07	-238 lbs	-238 lbs
1-46	0.02	319 lbs	-102 lbs
25-49	0.23	1588 lbs	-540 lbs
39-49	0.16	-1053 lbs	-1053 lbs
5-25	0.21	-1956 lbs	-1956 lbs
28-29	0.37	1295 lbs	-316 lbs
29-37	0.04	-414 lbs	-414 lbs
36-37	0.04	-414 lbs	-414 lbs
40-41	0.03	0 lbs	0 lbs
41-42	0.09	-145 lbs	-145 lbs
6-44	0.01	0 lbs	0 lbs
6-45	0.08	-825 lbs	-825 lbs
43-45	0.38	-825 lbs	-825 lbs
40-44	0.00	27 lbs	-23 lbs
33-35	0.02	0 lbs	0 lbs
33-34	0.17	-1101 lbs	-1101 lbs
3-47	0.00	0 lbs	0 lbs
2-3	0.08	-921 lbs	-921 lbs
2-46	0.09	-921 lbs	-921 lbs
35-47	0.00	16 lbs	-13 lbs
30-37	0.01	31 lbs	-5 lbs
14-15	0.05	937 lbs	-271 lbs
16-17	0.03	696 lbs	-118 lbs
18-19	0.02	474 lbs	0 lbs
20-21	0.02	397 lbs	-73 lbs
13-34	0.05	1028 lbs	-356 lbs
22-38	0.02	250 lbs	-140 lbs
33-46	0.04	823 lbs	-293 lbs
1-46	0.06	-424 lbs	-424 lbs
27-28	0.93	-1413 lbs	-1413 lbs
29-30	0.97	-1040 lbs	-1040 lbs
31-42	0.30	715 lbs	-172 lbs
30-32	0.40	835 lbs	-236 lbs

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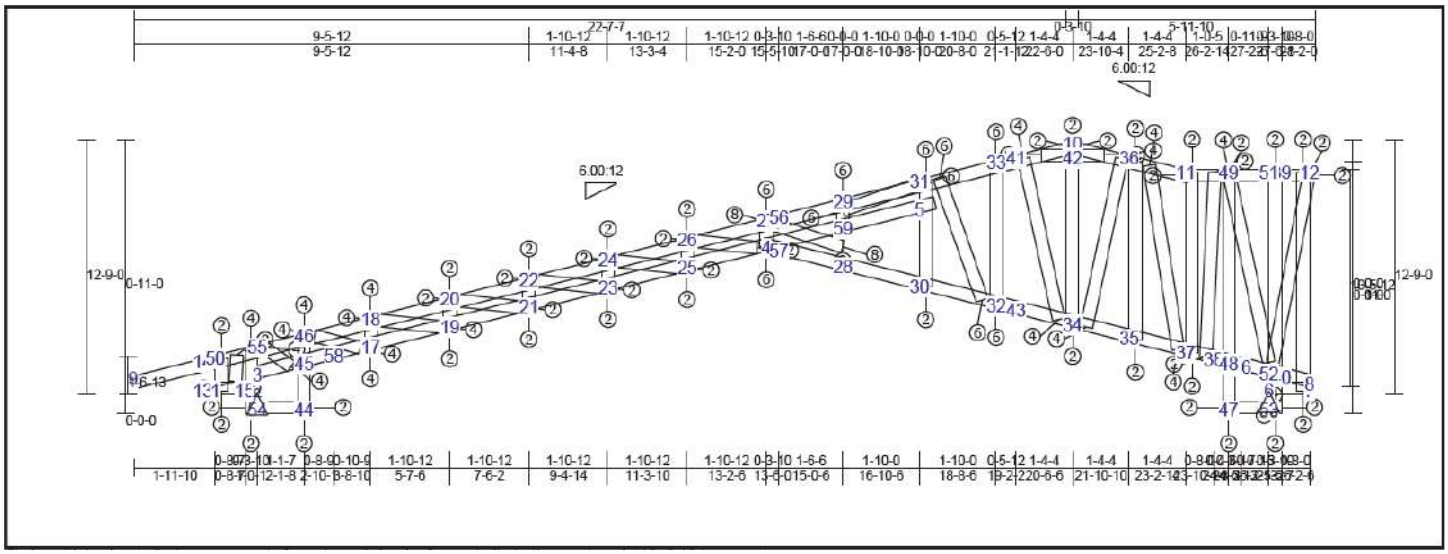
TRUSS TB36A (spacing 12 in)



Max CSI Summary

TC :	0.59 (26 - 27)
BC :	0.77 (4 - 59)
Web :	0.99 (49 - 52)

Deflection	L/	(Loc)	Max. Allowed
TL(V): 0.5 in.	L / 348	(4-30)	L / 360
LL(V): 0.26 in.	L / 669	(4-30)	L / 360
DL(V): 0.24 in.	L / 913	(4-59)	L / 0
Cant / OH TL: 0.25 in.	2L / 39	(26-27)	2L / 360
Cant / OH LL: 0.25 in.	2L / 39	(26-27)	2L / 360
Horiz TL: 0.33 in.		47	
Web :			
Snow/Wind -0.34 in.	L / 887	(26-27)	L / 360
Cant (Snow/Wind) -0.34 in.	L / 43	(26-27)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		380 lbs	930 lbs	0 lbs	-250 lbs	380 lbs
6	HRoll		0 lbs	840 lbs	0 lbs	-290 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
12-9-0	28-3-13

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
9-50	0.07	43 lbs	0 lbs
50-55	0.17	-476 lbs	-476 lbs
46-55	0.16	-1320 lbs	-1320 lbs
18-46	0.23	-2332 lbs	-2332 lbs
18-20	0.33	-3426 lbs	-3426 lbs
20-22	0.41	-4245 lbs	-4245 lbs
22-24	0.46	-4827 lbs	-4827 lbs
24-26	0.50	-5152 lbs	-5152 lbs
26-27	0.59	-5152 lbs	-5152 lbs
27-29	0.49	-4311 lbs	-4311 lbs
29-31	0.50	-4311 lbs	-4311 lbs

Top Chord			
31-33	0.39	-1886 lbs	-1886 lbs
33-41	0.30	-86 lbs	-86 lbs
10-41	0.28	-547 lbs	-547 lbs
10-36	0.26	-752 lbs	-752 lbs
11-36	0.21	-752 lbs	-752 lbs
11-49	0.21	-172 lbs	-172 lbs
49-51	0.21	-158 lbs	-158 lbs
12-51	0.06	-33 lbs	-33 lbs

Bot Chord			
4-30	0.37	943 lbs	-580 lbs
30-32	0.37	1231 lbs	-769 lbs
32-34	0.23	732 lbs	-446 lbs
34-35	0.28	487 lbs	-289 lbs
35-37	0.23	487 lbs	-289 lbs
37-48	0.16	238 lbs	-230 lbs
48-52	0.13	238 lbs	-210 lbs
8-52	0.15	-210 lbs	-210 lbs
6-7	0.03	-63 lbs	-63 lbs
1-2	0.09	3 lbs	-2 lbs
3-45	0.21	-657 lbs	-657 lbs
17-45	0.25	1722 lbs	-1517 lbs
17-19	0.22	2971 lbs	-2246 lbs
19-21	0.29	3903 lbs	-2774 lbs
21-23	0.33	4592 lbs	-3144 lbs
23-25	0.35	5068 lbs	-3376 lbs
4-25	0.41	5138 lbs	-3401 lbs
4-59	0.77	4958 lbs	-3233 lbs
5-59	0.33	1965 lbs	-1286 lbs

Web			
17-18	0.14	-927 lbs	-927 lbs
19-20	0.10	-681 lbs	-681 lbs
21-22	0.08	-527 lbs	-527 lbs
23-24	0.06	-385 lbs	-385 lbs
25-26	0.02	-146 lbs	-146 lbs
5-30	0.08	613 lbs	-383 lbs
5-31	0.58	1650 lbs	-1052 lbs
32-33	0.86	1894 lbs	-1214 lbs
11-37	0.36	291 lbs	-187 lbs
7-8	0.01	-82 lbs	-82 lbs
8-12	0.13	-216 lbs	-216 lbs
1-50	0.01	266 lbs	-61 lbs
49-52	0.99	-1080 lbs	-1080 lbs
12-52	0.06	311 lbs	-170 lbs
29-59	0.36	-822 lbs	-822 lbs
4-27	0.23	2360 lbs	-1543 lbs
27-59	0.36	-2448 lbs	-2448 lbs
31-59	0.24	2419 lbs	-1603 lbs
35-36	0.37	-193 lbs	-193 lbs
41-42	0.05	-462 lbs	-462 lbs
36-42	0.05	-462 lbs	-462 lbs
47-48	0.06	0 lbs	0 lbs
48-49	0.18	104 lbs	-53 lbs
6-53	0.02	0 lbs	0 lbs
6-52	0.06	-755 lbs	-755 lbs
51-52	0.06	-755 lbs	-755 lbs
47-53	0.00	-51 lbs	-51 lbs
44-45	0.02	0 lbs	0 lbs
45-46	0.19	-1243 lbs	-1243 lbs
2-54	0.01	0 lbs	0 lbs

2-3	0.11	-781 lbs	-781 lbs
3-55	0.11	-875 lbs	-875 lbs
44-54	0.00	-18 lbs	-18 lbs
34-42	0.11	89 lbs	-63 lbs
18-19	0.09	1059 lbs	-614 lbs
20-21	0.07	795 lbs	-446 lbs
22-23	0.04	573 lbs	-301 lbs
24-25	0.03	381 lbs	-177 lbs
34-36	0.89	1307 lbs	-820 lbs
36-37	0.95	-1207 lbs	-1207 lbs
34-41	0.82	-1364 lbs	-1364 lbs
17-46	0.09	1070 lbs	-643 lbs
37-49	0.71	599 lbs	-344 lbs
45-55	0.09	924 lbs	-612 lbs
1-55	0.02	-106 lbs	-106 lbs
4-26	0.03	-232 lbs	-232 lbs
31-32	0.92	-2255 lbs	-2255 lbs

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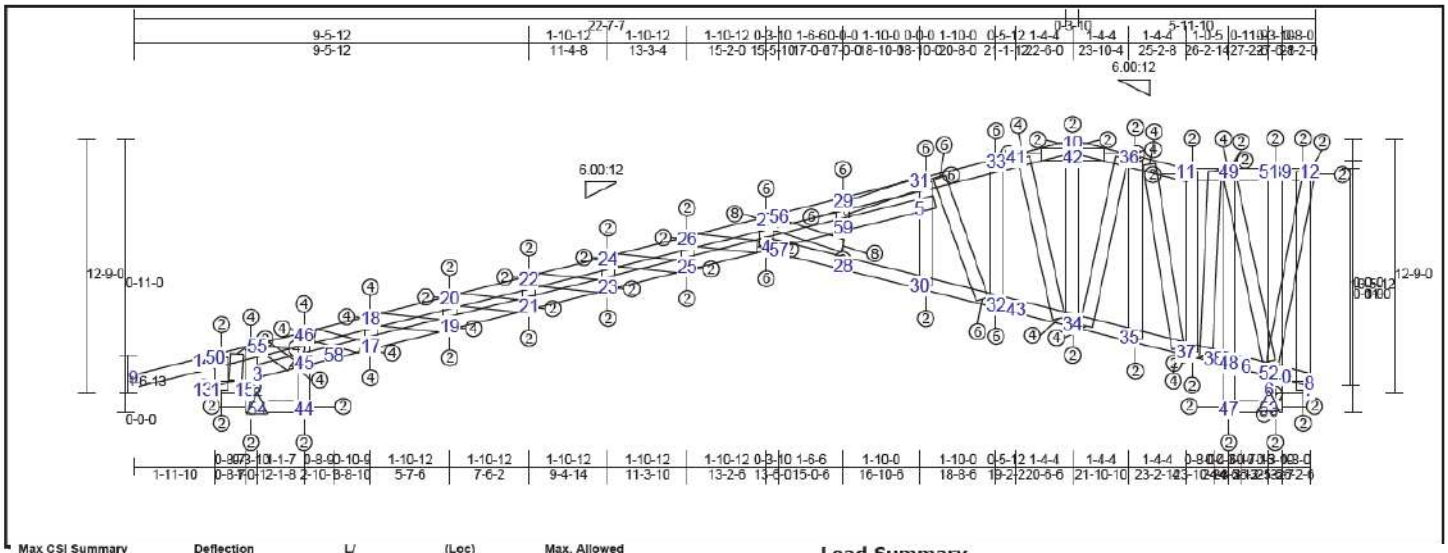
TRUSS TB37 (spacing 12 in)



Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.59 (26 - 27)	TL(V): 0.5 in.	L / 348	(4-30)	L / 360
BC :	0.77 (4 - 59)	LL(V): 0.26 in.	L / 669	(4-30)	L / 360
Web :	0.99 (49 - 52)	DL(V): 0.24 in.	L / 913	(4-59)	L / 0
		Cant / OH TL: 0.25 in.	2L / 39	(26-27)	2L / 360
		Cant / OH LL: 0.25 in.	2L / 39	(26-27)	2L / 360
		Horiz TL: 0.33 in.		47	
		Web :			
		Snow/Wind -0.34 in.	L / 887	(26-27)	L / 360
		Cant (Snow/Wind) -0.34 in.	L / 43	(26-27)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		380 lbs	930 lbs	0 lbs	-250 lbs	380 lbs
6	HRoll		0 lbs	840 lbs	0 lbs	-290 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
12-9-0	28-3-13

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
9-50	0.07	43 lbs	0 lbs
50-55	0.17	-476 lbs	-476 lbs
46-55	0.16	-1320 lbs	-1320 lbs
18-46	0.23	-2332 lbs	-2332 lbs
18-20	0.33	-3426 lbs	-3426 lbs
20-22	0.41	-4245 lbs	-4245 lbs
22-24	0.46	-4827 lbs	-4827 lbs
24-26	0.50	-5152 lbs	-5152 lbs
26-27	0.59	-5152 lbs	-5152 lbs
27-29	0.49	-4311 lbs	-4311 lbs
29-31	0.50	-4311 lbs	-4311 lbs

Top Chord				
31-33	0.39	-1886 lbs	-1886 lbs	-1886 lbs
33-41	0.30	-86 lbs	-86 lbs	-86 lbs
10-41	0.28	-547 lbs	-547 lbs	-547 lbs
10-36	0.26	-752 lbs	-752 lbs	-752 lbs
11-36	0.21	-752 lbs	-752 lbs	-752 lbs
11-49	0.21	-172 lbs	-172 lbs	-172 lbs
49-51	0.21	-158 lbs	-158 lbs	-158 lbs
12-51	0.06	-33 lbs	-33 lbs	-33 lbs

Bot Chord			
4-30	0.37	943 lbs	-580 lbs
30-32	0.37	1231 lbs	-769 lbs
32-34	0.23	732 lbs	-446 lbs
34-35	0.28	487 lbs	-289 lbs
35-37	0.23	487 lbs	-289 lbs
37-48	0.18	238 lbs	-230 lbs
48-52	0.13	238 lbs	-210 lbs
8-52	0.15	-210 lbs	-210 lbs
6-7	0.03	-63 lbs	-63 lbs
1-2	0.09	3 lbs	-2 lbs
3-45	0.21	-657 lbs	-657 lbs
17-45	0.25	1722 lbs	-1517 lbs
17-19	0.22	2971 lbs	-2246 lbs
19-21	0.29	3903 lbs	-2774 lbs
21-23	0.33	4592 lbs	-3144 lbs
23-25	0.35	5068 lbs	-3376 lbs
4-25	0.41	5138 lbs	-3401 lbs
4-59	0.77	4958 lbs	-3233 lbs
5-59	0.33	1965 lbs	-1286 lbs

Web			
17-18	0.14	-927 lbs	-927 lbs
19-20	0.10	-681 lbs	-681 lbs
21-22	0.08	-527 lbs	-527 lbs
23-24	0.06	-385 lbs	-385 lbs
25-26	0.02	-146 lbs	-146 lbs
5-30	0.08	613 lbs	-383 lbs
5-31	0.58	1650 lbs	-1052 lbs
32-33	0.86	1894 lbs	-1214 lbs
11-37	0.36	291 lbs	-187 lbs
7-8	0.01	-82 lbs	-82 lbs
8-12	0.13	-216 lbs	-216 lbs
1-50	0.01	266 lbs	-61 lbs
49-52	0.99	-1080 lbs	-1080 lbs
12-52	0.06	311 lbs	-170 lbs
29-59	0.36	-822 lbs	-822 lbs
4-27	0.23	2360 lbs	-1543 lbs
27-59	0.36	-2448 lbs	-2448 lbs
31-59	0.24	2419 lbs	-1603 lbs
35-36	0.37	-193 lbs	-193 lbs
41-42	0.05	-462 lbs	-462 lbs
36-42	0.05	-462 lbs	-462 lbs
47-48	0.06	0 lbs	0 lbs
48-49	0.18	104 lbs	-53 lbs
6-53	0.02	0 lbs	0 lbs
6-52	0.06	-755 lbs	-755 lbs
51-52	0.06	-755 lbs	-755 lbs
47-53	0.00	-51 lbs	-51 lbs
44-45	0.02	0 lbs	0 lbs
45-46	0.19	-1243 lbs	-1243 lbs
2-54	0.01	0 lbs	0 lbs

2-3	0.11	-781 lbs	-781 lbs
3-55	0.11	-875 lbs	-875 lbs
44-54	0.00	-18 lbs	-18 lbs
34-42	0.11	89 lbs	-63 lbs
18-19	0.09	1059 lbs	-614 lbs
20-21	0.07	795 lbs	-446 lbs
22-23	0.04	573 lbs	-301 lbs
24-25	0.03	381 lbs	-177 lbs
34-36	0.89	1307 lbs	-820 lbs
36-37	0.95	-1207 lbs	-1207 lbs
34-41	0.82	-1364 lbs	-1364 lbs
17-46	0.09	1070 lbs	-643 lbs
37-49	0.71	599 lbs	-344 lbs
45-55	0.09	924 lbs	-612 lbs
1-55	0.02	-106 lbs	-106 lbs
4-26	0.03	-232 lbs	-232 lbs
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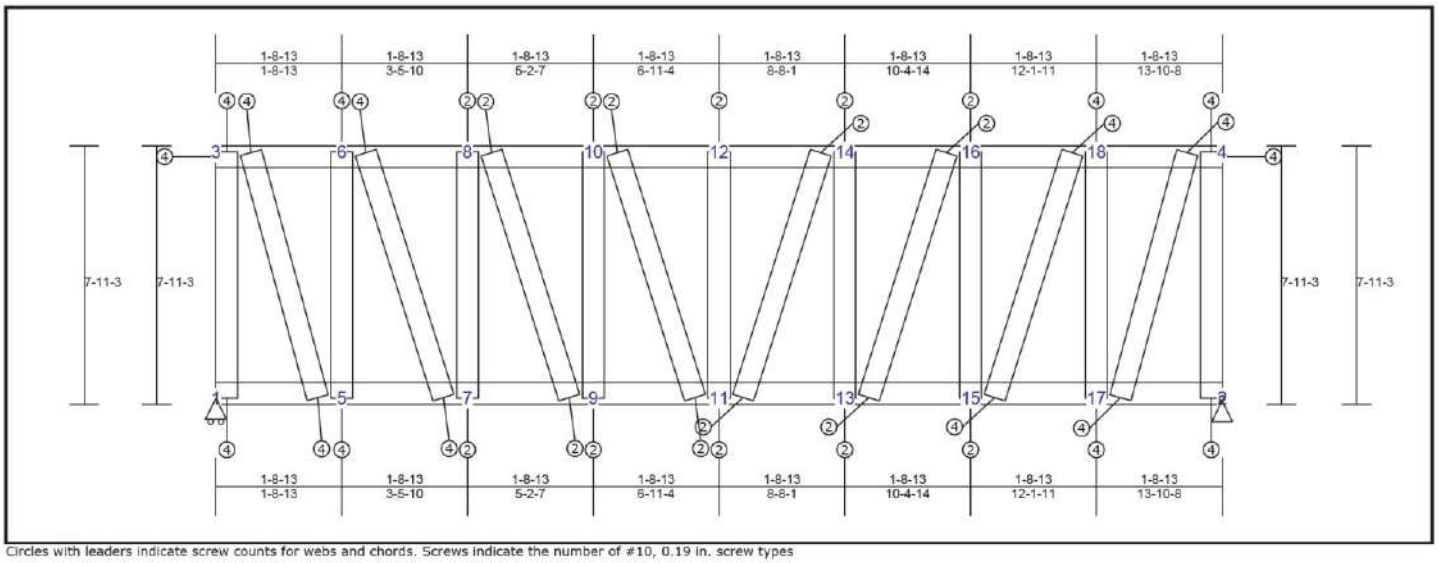
TRUSS TB38 (spacing 24 in)



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 (18 - 4)	TL(V): 0.05 in.	L / 999	(10-12)	L / 360
BC :	0.24 (15 - 17)	LL(V): 0.03 in.	L / 999	(10-12)	L / 360
Web :	0.96 (17 - 18)	DL(V): 0.02 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 -0.03 in.	L / 999	(10-12)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	820 lbs	0 lbs	-280 lbs	0 lbs
2	Pin		0 lbs	820 lbs	0 lbs	-280 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
7-11-3	13-10-8

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

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	-133 lbs	-133 lbs	1-5	0.24	133 lbs	-74 lbs	1-3	0.72	-911 lbs	-911 lbs
6-8	0.19	-259 lbs	-259 lbs	5-7	0.24	259 lbs	-144 lbs	5-6	0.96	-1259 lbs	-1259 lbs
8-10	0.12	-332 lbs	-332 lbs	7-9	0.16	332 lbs	-185 lbs	7-8	0.50	-811 lbs	-811 lbs
10-12	0.06	-353 lbs	-353 lbs	9-11	0.09	353 lbs	-197 lbs	9-10	0.71	-413 lbs	-413 lbs
12-14	0.06	-353 lbs	-353 lbs	11-13	0.09	353 lbs	-197 lbs	11-12	0.35	-210 lbs	-210 lbs
14-16	0.12	-332 lbs	-332 lbs	13-15	0.16	332 lbs	-185 lbs	13-14	0.71	-413 lbs	-413 lbs
16-18	0.19	-259 lbs	-259 lbs	15-17	0.24	259 lbs	-144 lbs	15-16	0.50	-811 lbs	-811 lbs
4-18	0.24	-133 lbs	-133 lbs	2-17	0.24	133 lbs	-74 lbs	17-18	0.96	-1259 lbs	-1259 lbs
								2-4	0.72	-911 lbs	-911 lbs
								3-5	0.62	1150 lbs	-642 lbs
								6-7	0.93	933 lbs	-521 lbs
								8-9	0.52	540 lbs	-301 lbs
								10-11	0.14	157 lbs	-86 lbs
								11-14	0.14	157 lbs	-86 lbs
								13-16	0.52	540 lbs	-301 lbs
								15-18	0.93	933 lbs	-521 lbs
								4-17	0.62	1150 lbs	-642 lbs

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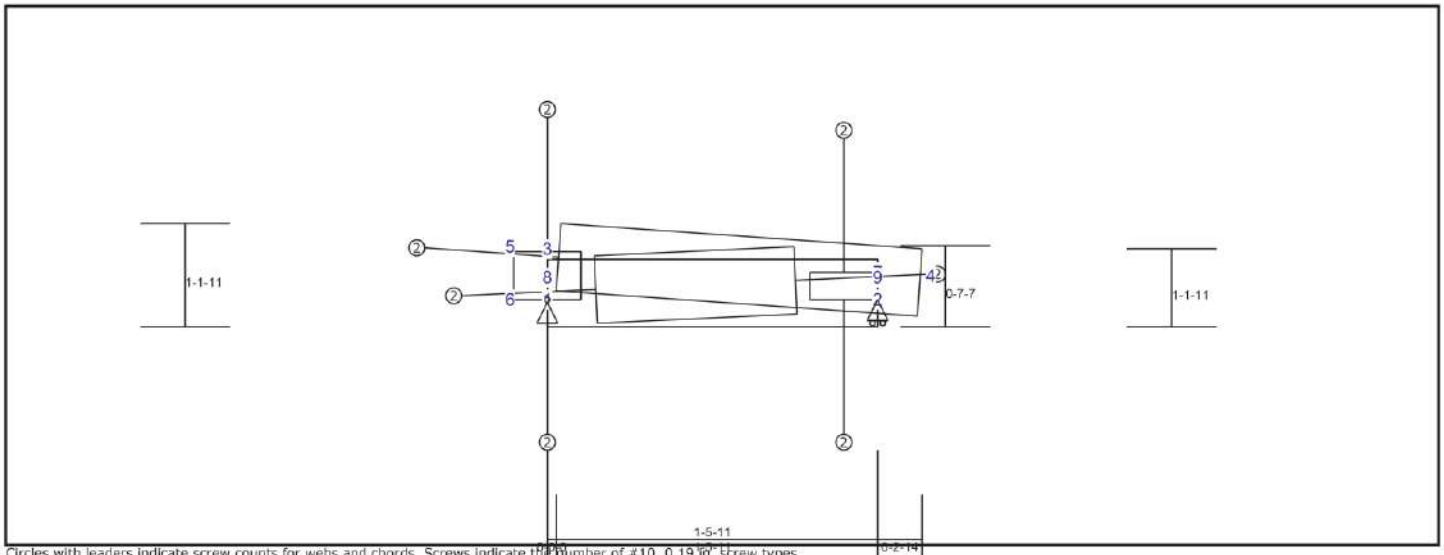
TRUSS TB39 (spacing 24 in)



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 :	0.05 (3 - 7)	TL(V): 0 in.	L / 999	(3-7)	L / 360
BC :	0.02 (1 - 2)	LL(V): 0 in.	L / 999	(3-7)	L / 360
Web :	0.04 (2 - 7)	DL(V): 0 in.	L / 999	(3-7)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-7)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

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	-40 lbs	-40 lbs
2	HRoll		0 lbs	130 lbs	0 lbs	-40 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
1-1-4	1-10-6

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.05	-28 lbs	-28 lbs	1-2	0.02	43 lbs	-26 lbs	2-7	0.04	-118 lbs	-118 lbs
4-7	0.02	12 lbs	0 lbs					1-3	0.02	-69 lbs	-69 lbs
								1-7	0.01	44 lbs	-27 lbs

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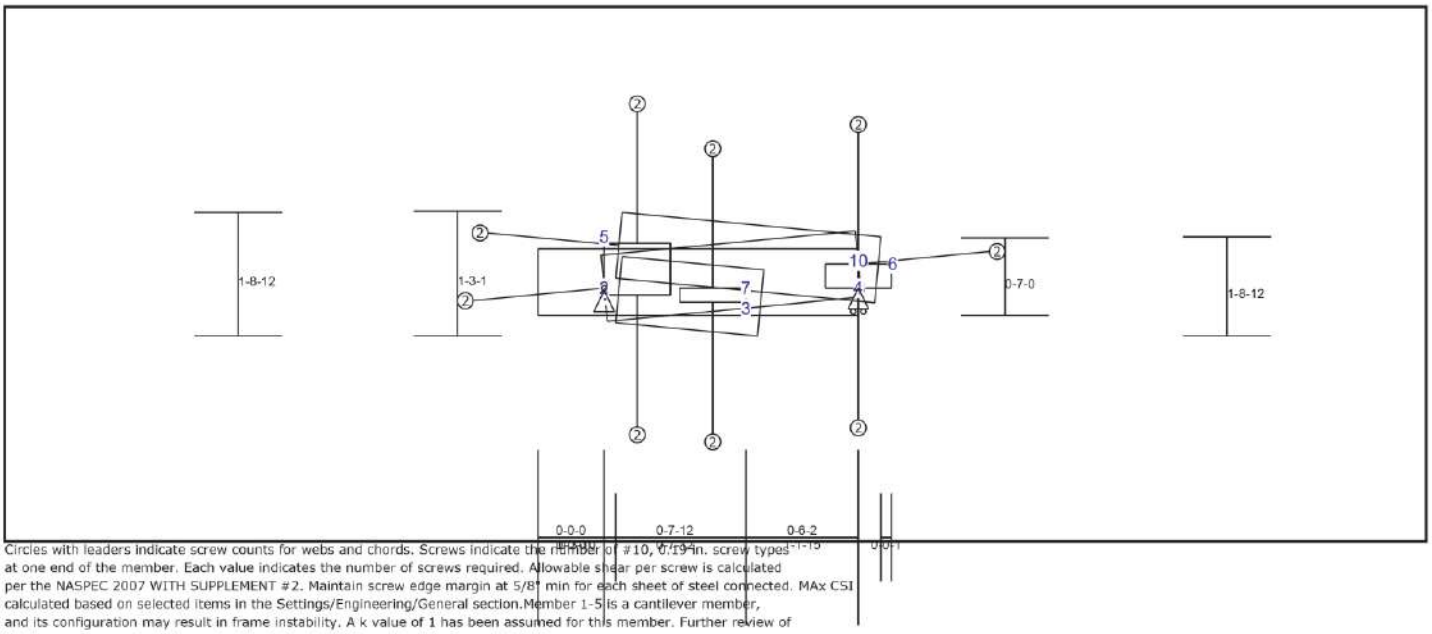
TRUSS TB40 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.194 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 1-5 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 :	0.03 (5 - 10)	TL(V): 0 in.	L / 999	(5-10)	L / 360
BC :	0.02 (2 - 7)	LL(V): 0 in.	L / 999	(5-10)	L / 360
Web :	0.04 (2 - 5)	DL(V): 0 in.	L / 999	(5-10)	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	(5-10)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-80 lbs	80 lbs	0 lbs	0 lbs	-80 lbs
2	Pin		-80 lbs	80 lbs	0 lbs	0 lbs	-80 lbs
4	HRoll		0 lbs	70 lbs	0 lbs	-10 lbs	0 lbs
10	NA		20 lbs	70 lbs	0 lbs	0 lbs	20 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-33(33)	Sheathing
Bot Chd	362S162-33(33)	Sheathing
Web	362S162-33(33)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
1-7-15	1-7-6

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-10	0.03	-23 lbs	-23 lbs	1-3	0.00	-1 lbs	-1 lbs	1-2	0.00	0 lbs	0 lbs
6-10	0.03	-23 lbs	-23 lbs	2-7	0.02	23 lbs	-11 lbs	2-5	0.04	-57 lbs	-57 lbs
				4-7	0.00	0 lbs	0 lbs	2-10	0.01	43 lbs	-27 lbs
								3-7	0.00	3 lbs	0 lbs
								4-10	0.02	-65 lbs	-65 lbs

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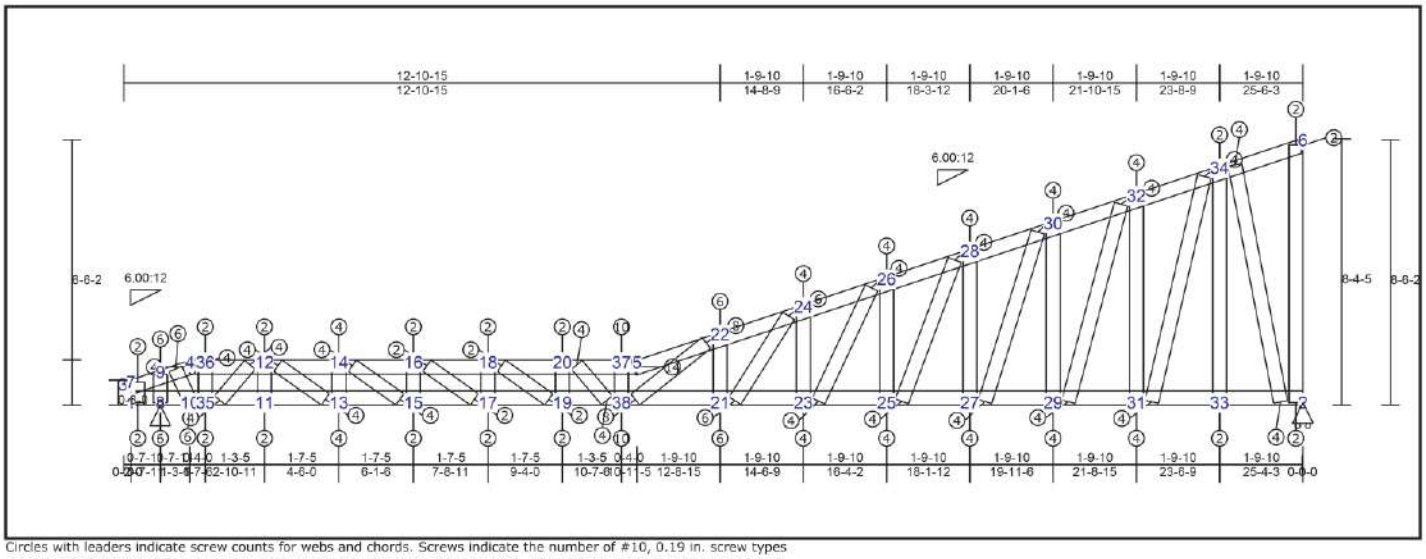
TRUSS TB41 (spacing 12 in)



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 (20 - 37)	TL(V): 0.35 in.	L / 328	(37-5)	L / 360
BC :	0.75 (19 - 38)	LL(V): 0.2 in.	L / 585	(37-5)	L / 360
Web :	0.98 (34 - 2)	DL(V): 0.16 in.	L / 999	(5-22)	L / 0
		Cant / OH TL: -0.03 in.	2L / 289	3	2L / 360
		Cant / OH LL: -0.03 in.	2L / 289	3	2L / 360
		Horiz TL: -0.09 in.		6	
		Web :			
		Snow/Wind -0.18 in.	L / 999	(5-22)	L / 360
		Cant (Snow/Wind) 0.02 in.	L / 313	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		270 lbs	790 lbs	0 lbs	-220 lbs	270 lbs
8	Pin		270 lbs	790 lbs	0 lbs	-220 lbs	270 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
8-5-5	25-6-3

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
3-7	0.00	6 lbs	0 lbs	1-8	0.19	-267 lbs	-267 lbs
7-9	0.30	-679 lbs	-679 lbs	8-35	0.28	715 lbs	-568 lbs
4-9	0.30	-679 lbs	-679 lbs	11-35	0.32	1355 lbs	-881 lbs
4-36	0.15	-639 lbs	-639 lbs	11-13	0.40	2269 lbs	-1325 lbs
12-36	0.24	-1279 lbs	-1279 lbs	13-15	0.53	3000 lbs	-1669 lbs
12-14	0.36	-2193 lbs	-2193 lbs	15-17	0.60	3549 lbs	-1913 lbs
14-16	0.29	-2924 lbs	-2924 lbs	17-19	0.61	3790 lbs	-1996 lbs
16-18	0.34	-3473 lbs	-3473 lbs	19-38	0.75	4372 lbs	-2246 lbs
18-20	0.39	-3714 lbs	-3714 lbs	21-38	0.70	4372 lbs	-2246 lbs
20-37	0.76	-4296 lbs	-4296 lbs	21-23	0.44	2425 lbs	-1291 lbs
5-37	0.76	-4296 lbs	-4296 lbs	23-25	0.29	1593 lbs	-876 lbs
5-22	0.47	-4878 lbs	-4878 lbs	25-27	0.24	1143 lbs	-643 lbs
22-24	0.35	-2824 lbs	-2824 lbs	27-29	0.23	820 lbs	-469 lbs
24-26	0.24	-1848 lbs	-1848 lbs	29-31	0.24	563 lbs	-326 lbs
26-28	0.20	-1346 lbs	-1346 lbs	31-33	0.24	349 lbs	-205 lbs
28-30	0.19	-994 lbs	-994 lbs	2-33	0.26	155 lbs	-92 lbs
30-32	0.19	-710 lbs	-710 lbs				
32-34	0.23	-536 lbs	-536 lbs				
6-34	0.25	284 lbs	-187 lbs				

Web			
1-7	0.03	469 lbs	-216 lbs
8-9	0.30	-2023 lbs	-2023 lbs
11-12	0.03	379 lbs	-174 lbs
13-14	0.16	-1103 lbs	-1103 lbs
15-16	0.10	-662 lbs	-662 lbs
17-18	0.08	-554 lbs	-554 lbs
19-20	0.02	144 lbs	-107 lbs
21-22	0.26	-1701 lbs	-1701 lbs
23-24	0.39	-1540 lbs	-1540 lbs
25-26	0.53	-1296 lbs	-1296 lbs
27-28	0.76	-1235 lbs	-1235 lbs
29-30	0.80	-1199 lbs	-1199 lbs
31-32	0.78	-1323 lbs	-1323 lbs
33-34	0.09	104 lbs	-57 lbs
2-6	0.21	204 lbs	-115 lbs
35-36	0.09	-580 lbs	-580 lbs
37-38	0.52	-3523 lbs	-3523 lbs
12-13	0.10	1332 lbs	-648 lbs
14-15	0.07	1065 lbs	-500 lbs
16-17	0.05	800 lbs	-356 lbs
18-19	0.02	352 lbs	-122 lbs
21-24	0.28	2143 lbs	-1068 lbs
23-26	0.32	1506 lbs	-782 lbs
25-28	0.42	1335 lbs	-719 lbs

Web			
27-30	0.58	1265 lbs	-702 lbs
29-32	0.83	1220 lbs	-694 lbs
31-34	0.79	1261 lbs	-732 lbs
2-34	0.98	-1220 lbs	-1220 lbs
9-35	0.15	2144 lbs	-1024 lbs
12-35	0.19	-1298 lbs	-1298 lbs
22-38	0.26	3029 lbs	-1485 lbs
20-38	0.07	1179 lbs	-505 lbs

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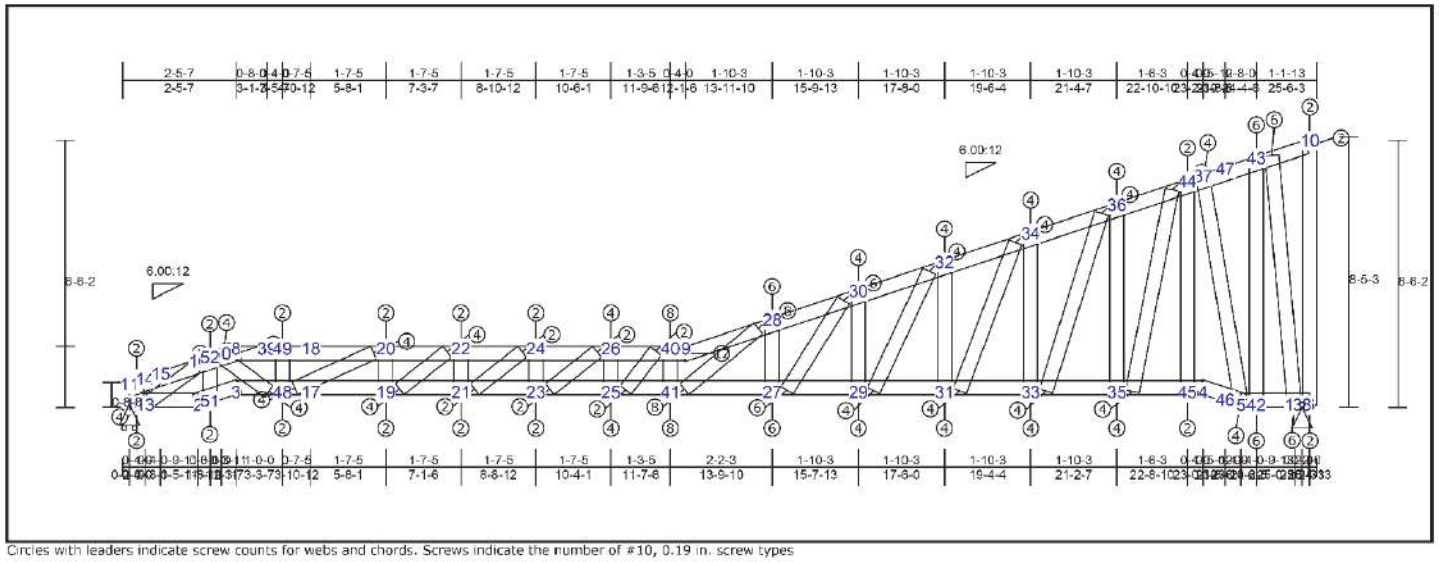
TRUSS TB42 (spacing 12 in)



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 1-11 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 :	0.73 (28 - 40)	TL(V): 0.4 in.	L / 448	(9-28)	L / 360
BC :	0.74 (25 - 41)	LL(V): 0.22 in.	L / 800	(9-28)	L / 360
Web :	0.98 (43 - 6)	DL(V): 0.18 in.	L / 999	(9-28)	L / 0
		Cant / OH TL: 0.07 in.	2L / 0	(45-4)	2L / 360
		Cant / OH LL: 0.07 in.	2L / 0	(45-4)	2L / 360
		Horiz TL: -0.13 in.		10	
		Web :			
		Snow/Wind -0.15 in.	L / 999	(9-28)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 0	(45-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	780 lbs	0 lbs	-140 lbs	0 lbs
6	Pin		260 lbs	790 lbs	0 lbs	-250 lbs	260 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
8-5-5	25-8-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-11	0.00	6 lbs	0 lbs	3-48	0.31	2004 lbs	-820 lbs	1-11	0.00	39 lbs	-15 lbs	42-44	0.82	-1285 lbs	-1285 lbs
11-52	0.16	-1378 lbs	-1378 lbs	19-48	0.34	2734 lbs	-1125 lbs	19-20	0.03	511 lbs	-185 lbs	48-52	0.10	1611 lbs	-669 lbs
8-52	0.29	-1809 lbs	-1809 lbs	19-21	0.42	3270 lbs	-1317 lbs	21-22	0.03	538 lbs	-176 lbs	1-52	0.20	-1347 lbs	-1347 lbs
8-49	0.15	-2007 lbs	-2007 lbs	21-23	0.44	3644 lbs	-1426 lbs	23-24	0.02	329 lbs	-115 lbs	20-48	0.13	-883 lbs	-883 lbs
20-49	0.29	-2738 lbs	-2738 lbs	23-25	0.48	4135 lbs	-1542 lbs	25-26	0.06	1207 lbs	-425 lbs	25-40	0.02	-148 lbs	-148 lbs
20-22	0.33	-3273 lbs	-3273 lbs	25-41	0.74	4135 lbs	-1542 lbs	27-28	0.26	-1702 lbs	-1702 lbs	23-26	0.11	-759 lbs	-759 lbs
22-24	0.34	-3848 lbs	-3848 lbs	27-41	0.74	4114 lbs	-1475 lbs	29-30	0.45	-1816 lbs	-1616 lbs	19-22	0.12	-829 lbs	-829 lbs
24-26	0.40	-4138 lbs	-4138 lbs	27-29	0.36	2313 lbs	-751 lbs	31-32	0.61	-1348 lbs	-1348 lbs	21-24	0.09	-579 lbs	-579 lbs
26-40	0.73	-4138 lbs	-4138 lbs	29-31	0.29	1456 lbs	-421 lbs	33-34	0.88	-1320 lbs	-1320 lbs				
9-40	0.73	-4118 lbs	-4118 lbs	31-33	0.25	989 lbs	-244 lbs	35-36	0.63	-1573 lbs	-1573 lbs				
9-28	0.45	-4672 lbs	-4672 lbs	33-35	0.30	651 lbs	-118 lbs	40-41	0.46	-3097 lbs	-3097 lbs				
28-30	0.34	-2790 lbs	-2790 lbs	35-45	0.30	404 lbs	-83 lbs	6-10	0.17	200 lbs	-92 lbs				
30-32	0.24	-1788 lbs	-1788 lbs	4-45	0.04	301 lbs	-83 lbs	42-43	0.79	2091 lbs	-1073 lbs				
32-34	0.20	-1266 lbs	-1266 lbs	1-2	0.19	920 lbs	-371 lbs	44-45	0.11	200 lbs	-96 lbs				
34-36	0.22	-909 lbs	-909 lbs	2-51	0.11	929 lbs	-374 lbs	48-49	0.01	-101 lbs	-101 lbs				
36-44	0.30	-706 lbs	-706 lbs	3-51	0.14	1084 lbs	-437 lbs	51-52	0.05	-343 lbs	-343 lbs				
43-44	0.36	638 lbs	-347 lbs	6-42	0.31	279 lbs	-168 lbs	27-30	0.24	2228 lbs	-857 lbs				
10-43	0.32	638 lbs	-347 lbs	4-42	0.03	341 lbs	-94 lbs	29-32	0.27	1589 lbs	-629 lbs				
								31-34	0.35	1398 lbs	-609 lbs				
								33-36	0.60	1402 lbs	-658 lbs				
								28-41	0.22	2864 lbs	-1151 lbs				
								6-43	0.86	-1897 lbs	-1897 lbs				
								35-44	0.85	1383 lbs	-695 lbs				

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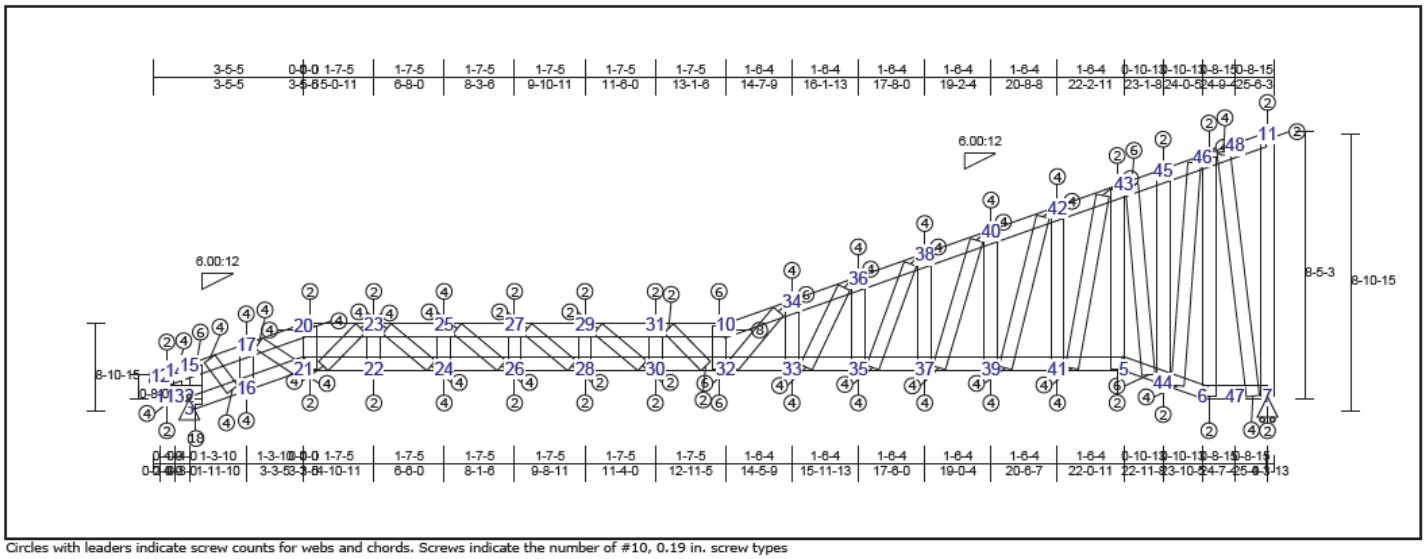
TRUSS TB43 (spacing 12 in)



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 (42 - 43)	TL(V): 0.26 in.	L / 634	(10-34)	L / 360
BC :	0.69 (3 - 16)	LL(V): 0.15 in.	L / 999	(10-34)	L / 360
Web :	0.95 (46 - 7)	DL(V): 0.11 in.	L / 999	(10-34)	L / 0
		Cant / OH TL: 0.15 in.	2L / 999	(10-34)	2L / 360
		Cant / OH LL: 0.15 in.	2L / 999	(10-34)	2L / 360
		Horiz TL: -0.06 in.		11	
		Web :			
		Snow/Wind -0.11 in.	L / 999	(10-34)	L / 360
		Cant (Snow/Wind) -0.11 in.	L / 999	(10-34)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-8610 lbs	250 lbs	0 lbs	-100 lbs	-8610 lbs
3	Pin		8530 lbs	660 lbs	0 lbs	-70 lbs	8530 lbs
7	HRoll		0 lbs	660 lbs	0 lbs	-220 lbs	0 lbs
15	NA		8530 lbs	660 lbs	0 lbs	-70 lbs	8530 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
8-10-2	25-8-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
10-34	0.33	-3106 lbs	-3106 lbs	6-7	0.29	118 lbs	-64 lbs	1-12	0.00	15 lbs	-3 lbs	23-24	0.07	1222 lbs	-498 lbs
34-36	0.26	-2050 lbs	-2050 lbs	1-13	0.19	0 lbs	0 lbs	13-14	0.06	964 lbs	-424 lbs	25-26	0.06	1036 lbs	-391 lbs
36-38	0.21	-1473 lbs	-1473 lbs	2-13	0.32	0 lbs	0 lbs	2-3	1.28	0 lbs	0 lbs	27-28	0.04	760 lbs	-263 lbs
38-40	0.18	-1116 lbs	-1116 lbs	3-16	0.69	-2064 lbs	-2064 lbs	2-15	0.69	-1223 lbs	-1223 lbs	29-30	0.02	433 lbs	-165 lbs
40-42	0.19	-851 lbs	-851 lbs	4-16	0.64	-2033 lbs	-2033 lbs	16-17	0.20	-1330 lbs	-1330 lbs	31-32	0.03	425 lbs	-176 lbs
42-43	0.36	-787 lbs	-787 lbs	4-21	0.23	-624 lbs	-624 lbs	9-21	0.05	-340 lbs	-340 lbs	32-34	0.13	1982 lbs	-836 lbs
43-45	0.25	-349 lbs	-349 lbs	21-22	0.43	-624 lbs	-624 lbs	22-23	0.03	464 lbs	-187 lbs	33-36	0.14	1586 lbs	-640 lbs
45-46	0.27	438 lbs	-340 lbs	22-24	0.21	1075 lbs	-608 lbs	24-25	0.16	-1114 lbs	-1114 lbs	35-38	0.18	1305 lbs	-534 lbs
11-46	0.30	438 lbs	-253 lbs	24-26	0.28	1745 lbs	-860 lbs	26-27	0.10	-671 lbs	-671 lbs	37-40	0.26	1222 lbs	-545 lbs
9-23	0.25	690 lbs	-237 lbs	26-28	0.32	2236 lbs	-1020 lbs	28-29	0.08	-560 lbs	-560 lbs	39-42	0.37	1227 lbs	-586 lbs
23-25	0.25	-1009 lbs	-1009 lbs	28-30	0.33	2516 lbs	-1071 lbs	30-31	0.01	-88 lbs	-88 lbs	41-43	0.53	1275 lbs	-639 lbs
25-27	0.18	-1679 lbs	-1679 lbs	30-32	0.40	2758 lbs	-1114 lbs	10-32	0.29	-1985 lbs	-1985 lbs	44-46	0.85	1530 lbs	-805 lbs
27-29	0.22	-2170 lbs	-2170 lbs	32-33	0.34	2758 lbs	-1114 lbs	33-34	0.22	-1424 lbs	-1424 lbs	7-46	0.95	-1396 lbs	-1396 lbs
29-31	0.25	-2449 lbs	-2449 lbs	33-35	0.28	1754 lbs	-774 lbs	35-36	0.29	-1294 lbs	-1294 lbs	21-23	0.24	-1596 lbs	-1596 lbs
10-31	0.35	-2692 lbs	-2692 lbs	35-37	0.23	1248 lbs	-587 lbs	37-38	0.41	-1183 lbs	-1183 lbs	43-44	0.77	-1675 lbs	-1675 lbs
8-12	0.00	6 lbs	0 lbs	37-39	0.21	924 lbs	-454 lbs	39-40	0.59	-1171 lbs	-1171 lbs				
12-14	0.18	458 lbs	-191 lbs	39-41	0.29	675 lbs	-343 lbs	41-42	0.77	-1558 lbs	-1558 lbs				
14-15	0.27	458 lbs	-191 lbs	5-41	0.29	484 lbs	-242 lbs	5-43	0.36	781 lbs	-416 lbs				
15-17	0.33	1763 lbs	-766 lbs	5-44	0.25	625 lbs	-331 lbs	44-45	0.01	16 lbs	-11 lbs				
9-17	0.20	1163 lbs	-472 lbs	6-44	0.25	386 lbs	-225 lbs	6-46	0.52	-313 lbs	-313 lbs				
								7-11	0.42	427 lbs	-221 lbs				
								15-16	0.09	1302 lbs	-603 lbs				
								4-17	0.08	1026 lbs	-516 lbs				

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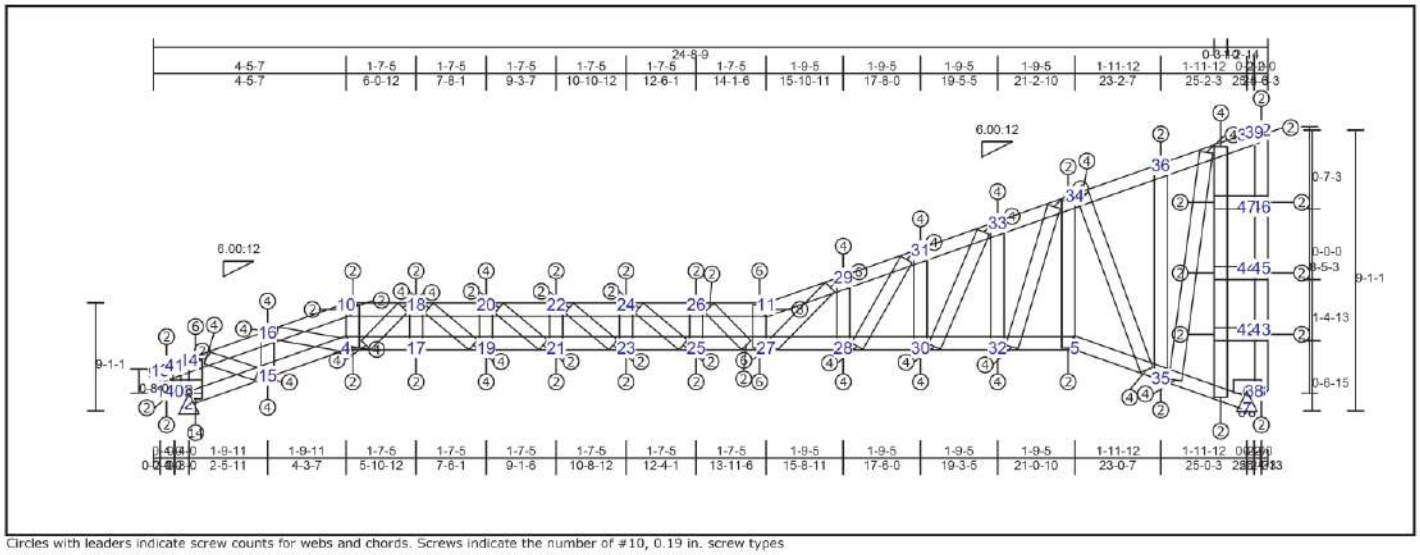
TRUSS TB44 (spacing 12 in)



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 :	0.33 (26 - 11)	TL(V): 0.2 in.	L / 746	(11-29)	L / 360
BC :	0.65 (2 - 15)	LL(V): 0.12 in.	L / 999	(11-29)	L / 360
Web :	0.94 (3 - 14)	DL(V): 0.09 in.	L / 999	11	L / 0
		Cant / OH TL: 0.12 in.	2L / 999	(11-29)	2L / 360
		Cant / OH LL: 0.12 in.	2L / 999	(11-29)	2L / 360
		Horiz TL: 0.05 in.		7	
		Web :			
		Snow/Wind -0.09 in.	L / 999	(11-29)	L / 360
		Cant (Snow/Wind) -0.09 in.	L / 999	(11-29)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		7330 lbs	770 lbs	0 lbs	-50 lbs	7330 lbs
3	Pin		-7410 lbs	90 lbs	0 lbs	-70 lbs	-7410 lbs
6	HRoll		0 lbs	710 lbs	0 lbs	-220 lbs	0 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
9-0-4	25-8-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
9-13	0.00	6 lbs	0 lbs	6-8	0.04	-19 lbs	-19 lbs
13-41	0.13	336 lbs	-141 lbs	5-35	0.26	546 lbs	-274 lbs
14-41	0.20	336 lbs	-141 lbs	7-35	0.16	-215 lbs	-215 lbs
14-16	0.24	1642 lbs	-746 lbs	4-17	0.25	954 lbs	-564 lbs
10-16	0.15	601 lbs	-241 lbs	17-19	0.25	1587 lbs	-829 lbs
10-18	0.19	-893 lbs	-893 lbs	19-21	0.32	2101 lbs	-1024 lbs
18-20	0.26	-1526 lbs	-1526 lbs	21-23	0.35	2451 lbs	-1133 lbs
20-22	0.21	-2040 lbs	-2040 lbs	23-25	0.35	2585 lbs	-1133 lbs
22-24	0.24	-2391 lbs	-2391 lbs	25-27	0.39	2705 lbs	-1129 lbs
24-26	0.26	-2524 lbs	-2524 lbs	27-28	0.35	2705 lbs	-1113 lbs
11-26	0.33	-2644 lbs	-2644 lbs	28-30	0.26	1530 lbs	-664 lbs
11-29	0.32	-3030 lbs	-3030 lbs	30-32	0.23	973 lbs	-452 lbs
29-31	0.23	-1780 lbs	-1780 lbs	5-32	0.23	620 lbs	-301 lbs
31-33	0.17	-1150 lbs	-1150 lbs	2-15	0.65	-1927 lbs	-1927 lbs
33-34	0.23	-826 lbs	-826 lbs	4-15	0.38	-1240 lbs	-1240 lbs
34-36	0.24	-207 lbs	-207 lbs	1-40	0.14	0 lbs	0 lbs
36-37	0.17	362 lbs	-204 lbs	3-40	0.23	0 lbs	0 lbs
12-37	0.02	-45 lbs	-45 lbs				

Web				Web			
1-13	0.00	8 lbs	-4 lbs	45-46	0.01	77 lbs	-37 lbs
15-16	0.13	-876 lbs	-876 lbs	12-46	0.01	77 lbs	-37 lbs
4-10	0.01	133 lbs	-88 lbs	42-43	0.00	24 lbs	-12 lbs
17-18	0.02	289 lbs	-115 lbs	44-45	0.00	13 lbs	-7 lbs
19-20	0.13	-876 lbs	-876 lbs	46-47	0.00	-27 lbs	-27 lbs
21-22	0.07	-508 lbs	-508 lbs	14-15	0.07	1089 lbs	-507 lbs
23-24	0.06	-389 lbs	-389 lbs	4-16	0.08	1051 lbs	-528 lbs
25-26	0.02	147 lbs	-137 lbs	18-19	0.06	980 lbs	-409 lbs
11-27	0.28	-1879 lbs	-1879 lbs	20-21	0.05	795 lbs	-303 lbs
28-29	0.20	-1328 lbs	-1328 lbs	22-23	0.03	542 lbs	-168 lbs
30-31	0.31	-1175 lbs	-1175 lbs	24-25	0.01	206 lbs	-58 lbs
32-33	0.53	-1240 lbs	-1240 lbs	27-29	0.15	2062 lbs	-890 lbs
5-34	0.11	390 lbs	-198 lbs	28-31	0.16	1497 lbs	-617 lbs
35-36	0.06	132 lbs	-52 lbs	30-33	0.21	1228 lbs	-523 lbs
2-3	0.89	0 lbs	0 lbs	32-34	0.28	1067 lbs	-487 lbs
3-14	0.94	-795 lbs	-795 lbs	35-37	0.68	841 lbs	-429 lbs
40-41	0.05	710 lbs	-323 lbs	4-18	0.19	-1247 lbs	-1247 lbs
6-7	0.01	-170 lbs	-170 lbs	26-27	0.01	216 lbs	-75 lbs
6-42	0.10	-948 lbs	-948 lbs	34-35	0.94	-1239 lbs	-1239 lbs
42-44	0.08	-948 lbs	-948 lbs				
44-47	0.09	-948 lbs	-948 lbs				
37-47	0.37	-948 lbs	-948 lbs				
8-43	0.02	77 lbs	-37 lbs				
43-45	0.02	77 lbs	-37 lbs				

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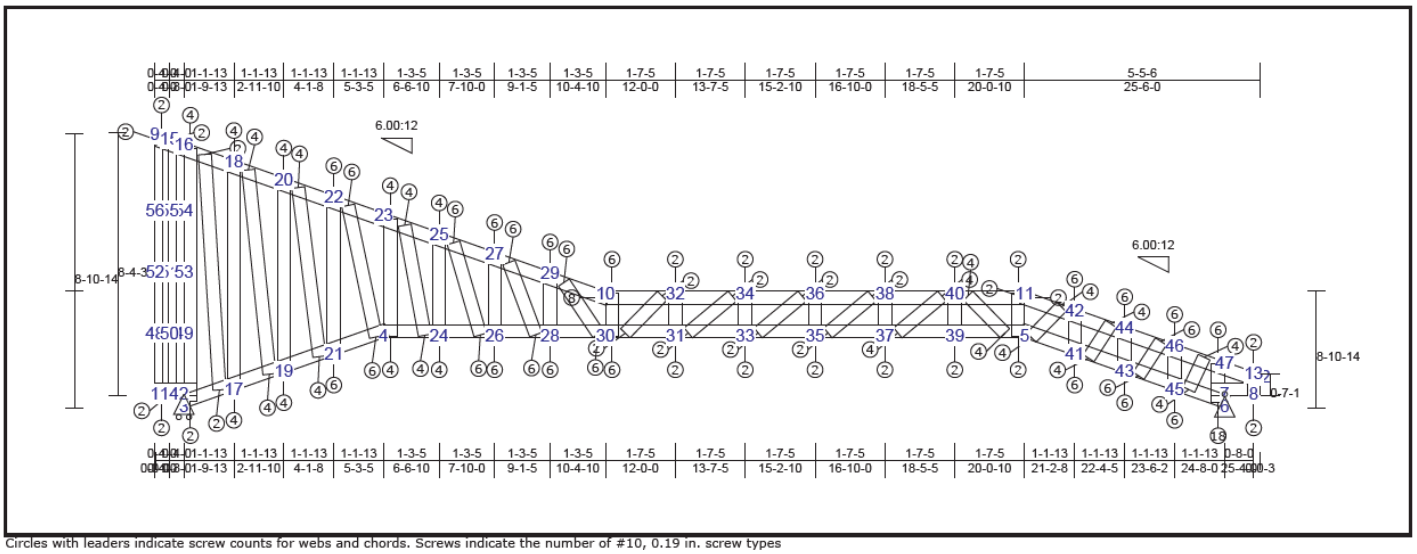
TRUSS TB45 (spacing 12 in)



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 (29 - 10)	TL(V): 0.29 in.	L / 403	10	L / 360
BC :	0.77 (45 - 6)	LL(V): 0.16 in.	L / 718	10	L / 360
Web :	0.93 (17 - 18)	DL(V): 0.13 in.	L / 920	10	L / 0
		Cant / OH TL: 0.16 in.	2L / 999	10	2L / 360
		Cant / OH LL: 0.16 in.	2L / 999	10	2L / 360
		Horiz TL: -0.09 in.		3	
		Web :			
		Snow/Wind -0.17 in.	L / 821	(29-10)	L / 360
		Cant (Snow/Wind) -0.17 in.	L / 999	(29-10)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		0 lbs	710 lbs	0 lbs	-260 lbs	0 lbs
3	HRoll		0 lbs	710 lbs	0 lbs	0 lbs	0 lbs
6	Pin		-8760 lbs	560 lbs	0 lbs	-100 lbs	-8760 lbs
7	Pin		8850 lbs	340 lbs	0 lbs	-150 lbs	8850 lbs
16	NA		0 lbs	-40 lbs	-30 lbs	-40 lbs	0 lbs
47	NA		-8760 lbs	560 lbs	0 lbs	-100 lbs	-8760 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
8-10-1	25-6-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
9-15	0.04	-104 lbs	-104 lbs	5-41	0.35	-795 lbs	-795 lbs
15-16	0.06	-104 lbs	-104 lbs	41-43	0.57	-1592 lbs	-1592 lbs
16-18	0.14	287 lbs	-181 lbs	43-45	0.72	-2300 lbs	-2300 lbs
18-20	0.24	393 lbs	-354 lbs	6-45	0.77	-2300 lbs	-2300 lbs
20-22	0.24	-480 lbs	-480 lbs	4-24	0.27	755 lbs	-430 lbs
22-23	0.33	-874 lbs	-874 lbs	24-26	0.29	1100 lbs	-619 lbs
23-25	0.20	-983 lbs	-983 lbs	26-28	0.34	1593 lbs	-881 lbs
25-27	0.26	-1399 lbs	-1399 lbs	28-30	0.43	2565 lbs	-1396 lbs
27-29	0.29	-1954 lbs	-1954 lbs	30-31	0.47	2565 lbs	-1411 lbs
10-29	0.36	-2956 lbs	-2956 lbs	31-33	0.44	2512 lbs	-1422 lbs
11-42	0.22	-337 lbs	-337 lbs	33-35	0.44	2446 lbs	-1422 lbs
42-44	0.25	569 lbs	-269 lbs	35-37	0.41	2147 lbs	-1306 lbs
44-46	0.26	1339 lbs	-764 lbs	37-39	0.37	1689 lbs	-1104 lbs
46-47	0.32	2021 lbs	-1205 lbs	5-39	0.27	1109 lbs	-831 lbs
13-47	0.24	286 lbs	-161 lbs	3-17	0.17	-292 lbs	-292 lbs
12-13	0.11	286 lbs	-161 lbs	17-19	0.22	-314 lbs	-314 lbs
10-32	0.35	-2510 lbs	-2510 lbs	19-21	0.25	338 lbs	-314 lbs
32-34	0.27	-2458 lbs	-2458 lbs	4-21	0.29	610 lbs	-352 lbs
34-36	0.23	-2392 lbs	-2392 lbs	1-14	0.05	0 lbs	0 lbs
36-38	0.21	-2092 lbs	-2092 lbs	2-14	0.08	0 lbs	0 lbs
38-40	0.26	-1634 lbs	-1634 lbs	7-8	0.29	0 lbs	0 lbs
11-40	0.17	-1055 lbs	-1055 lbs				

Web			
8-13	0.05	596 lbs	-360 lbs
1-9	0.24	224 lbs	-131 lbs 0 lbs
2-3	0.00	0 lbs	-904 lbs
2-16	0.43	-904 lbs	-1150 lbs
17-18	0.93	-1150 lbs	-1450 lbs
19-20	0.83	-1450 lbs	-1777 lbs
21-22	0.73	-1777 lbs	-1524 lbs
4-23	0.60	-1524 lbs	-1501 lbs
24-25	0.43	-1501 lbs	-1670 lbs
26-27	0.33	-1670 lbs	-1818 lbs
28-29	0.28	-1818 lbs	-1990 lbs
10-30	0.29	-1990 lbs	-199 lbs
31-32	0.03	283 lbs	-330 lbs
33-34	0.05	-330 lbs	-446 lbs
35-36	0.07	-446 lbs	-802 lbs
37-38	0.12	-802 lbs	-118 lbs
39-40	0.02	279 lbs	-12 lbs
5-11	0.00	14 lbs	-1668 lbs
41-42	0.25	-1668 lbs	-1899 lbs
43-44	0.28	-1899 lbs	-1704 lbs 0 lbs
45-46	0.25	-1704 lbs	-927 lbs
6-7	0.85	0 lbs	-27 lbs
7-47	0.74	-927 lbs	-466 lbs
14-15	0.05	-27 lbs	-825 lbs
16-17	0.80	799 lbs	-827 lbs
18-19	0.73	1417 lbs	-1156 lbs
20-21	0.68	1433 lbs	-827 lbs
4-22	0.59	2025 lbs	-1156 lbs
23-24	0.27	1375 lbs	-762 lbs
25-26	0.25	1717 lbs	-936 lbs
27-28	0.19	1931 lbs	-1029 lbs
29-30	0.18	2277 lbs	-1205 lbs
31-34	0.01	116 lbs	-11 lbs
33-36	0.03	463 lbs	-180 lbs
35-38	0.05	709 lbs	-313 lbs
37-40	0.06	897 lbs	-421 lbs
5-42	0.11	1186 lbs	-764 lbs
41-44	0.15	1610 lbs	-989 lbs
43-46	0.15	1634 lbs	-1018 lbs
45-47	0.14	1534 lbs	-950 lbs
30-32	0.01	115 lbs	-17 lbs
5-40	0.17	-1148 lbs	-1148 lbs

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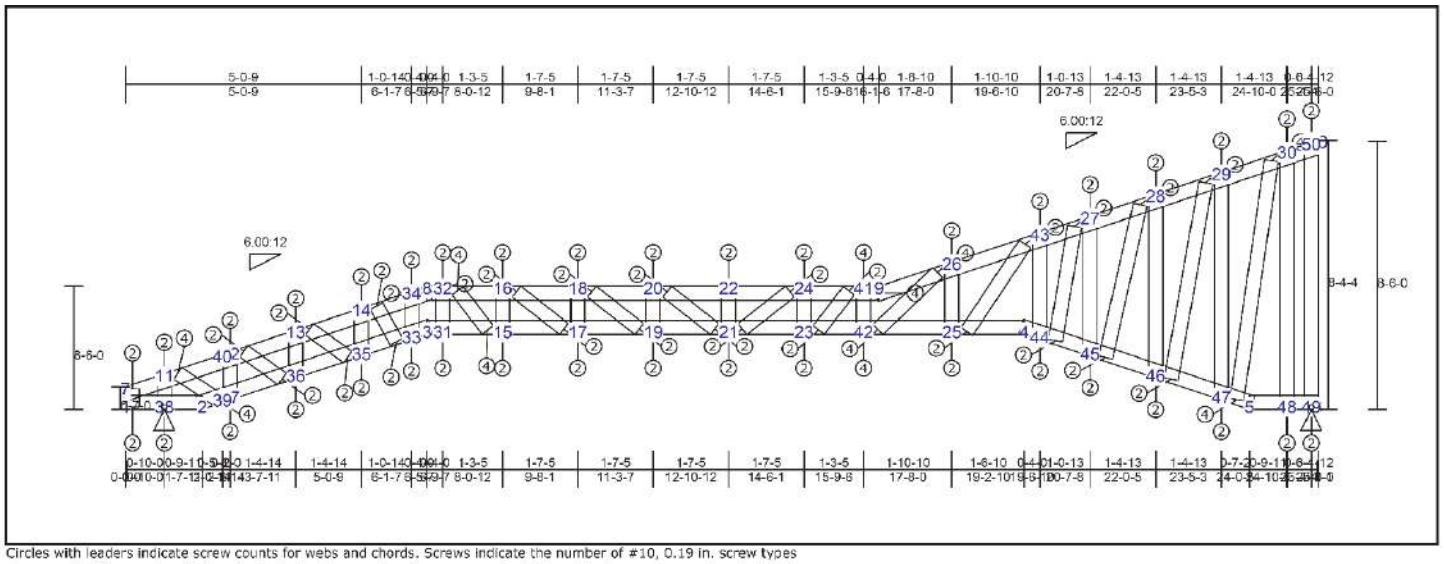
TRUSS TB46 (spacing 12 in)



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 :	0.34 (29 - 30)	TL(V): 0.07 in.	L / 999	(41-9)	L / 360
BC :	0.52 (47 - 5)	LL(V): 0.04 in.	L / 999	(41-9)	L / 360
Web :	0.93 (47 - 30)	DL(V): 0.03 in.	L / 999	(41-9)	L / 0
		Cant / OH TL: 0.03 in.	2L / 1	43	2L / 360
		Cant / OH LL 0.03 in.	2L / 1	43	2L / 360
		Horiz TL: -0.02 in.		10	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(9-26)	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 1	43	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
38	Pin		1220 lbs	790 lbs	0 lbs	-130 lbs	1220 lbs
49	Pin		-1300 lbs	780 lbs	0 lbs	-490 lbs	-1300 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
8-5-3	25-6-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-11	0.13	-332 lbs	-332 lbs	3-31	0.38	-1065 lbs	-1065 lbs	15-16	0.11	-768 lbs	-768 lbs	14-33	0.07	-485 lbs	-485 lbs
11-12	0.18	-701 lbs	-701 lbs	15-31	0.38	-1065 lbs	-1065 lbs	17-18	0.05	-373 lbs	-373 lbs	13-35	0.04	-293 lbs	-293 lbs
12-13	0.08	-701 lbs	-701 lbs	15-17	0.25	-618 lbs	-618 lbs	19-20	0.03	-175 lbs	-175 lbs	12-36	0.02	-170 lbs	-170 lbs
13-14	0.09	-543 lbs	-543 lbs	17-19	0.09	-221 lbs	-221 lbs	21-22	0.01	-85 lbs	-85 lbs	11-39	0.05	894 lbs	-360 lbs
14-34	0.08	-274 lbs	-274 lbs	19-21	0.04	131 lbs	-35 lbs	23-24	0.01	-83 lbs	-83 lbs	22-41	0.04	420 lbs	-241 lbs
8-34	0.02	-211 lbs	-211 lbs	21-23	0.03	166 lbs	-38 lbs	25-26	0.11	-724 lbs	-724 lbs	26-42	0.10	1183 lbs	-814 lbs
8-32	0.12	-216 lbs	-216 lbs	23-42	0.23	220 lbs	-182 lbs	1-7	0.00	14 lbs	-10 lbs	25-43	0.12	743 lbs	-461 lbs
16-32	0.16	-636 lbs	-636 lbs	25-42	0.33	-854 lbs	-854 lbs	31-32	0.09	-604 lbs	-604 lbs	27-44	0.02	-69 lbs	-69 lbs
16-18	0.11	-1032 lbs	-1032 lbs	4-25	0.37	-1155 lbs	-1155 lbs	33-34	0.01	129 lbs	-95 lbs	28-45	0.11	-179 lbs	-179 lbs
18-20	0.11	-1231 lbs	-1231 lbs	2-39	0.36	-1093 lbs	-1093 lbs	14-35	0.04	495 lbs	-290 lbs	29-46	0.22	-203 lbs	-203 lbs
20-22	0.11	-1279 lbs	-1279 lbs	37-39	0.13	-805 lbs	-805 lbs	13-36	0.02	184 lbs	-148 lbs	30-47	0.93	1439 lbs	-1227 lbs
22-24	0.11	-1279 lbs	-1279 lbs	36-37	0.27	-805 lbs	-805 lbs	12-37	0.04	-247 lbs	-247 lbs				
24-41	0.21	-1268 lbs	-1268 lbs	35-36	0.29	-896 lbs	-896 lbs	11-38	0.11	-773 lbs	-773 lbs				
9-41	0.21	-1076 lbs	-1076 lbs	33-35	0.40	-1117 lbs	-1117 lbs	41-42	0.17	-1185 lbs	-1185 lbs				
9-26	0.14	-1256 lbs	-1256 lbs	3-33	0.35	-1118 lbs	-1118 lbs	43-44	0.20	-737 lbs	-737 lbs				
26-43	0.13	-509 lbs	-509 lbs	1-38	0.36	-1219 lbs	-1219 lbs	27-45	0.01	185 lbs	0 lbs				
27-43	0.10	-247 lbs	-247 lbs	2-38	0.36	-1219 lbs	-1219 lbs	28-46	0.16	314 lbs	-199 lbs				
27-28	0.04	-185 lbs	-185 lbs	4-44	0.48	-1341 lbs	-1341 lbs	29-47	0.76	599 lbs	-539 lbs				
28-29	0.09	-360 lbs	-360 lbs	44-45	0.48	-1365 lbs	-1365 lbs	30-48	0.92	-550 lbs	-550 lbs				
29-30	0.34	433 lbs	-392 lbs	45-46	0.44	-1359 lbs	-1359 lbs	49-50	0.86	-444 lbs	-444 lbs				
30-50	0.13	197 lbs	-158 lbs	46-47	0.50	-1581 lbs	-1581 lbs	16-17	0.05	614 lbs	-324 lbs				
10-50	0.00	-2 lbs	-2 lbs	5-47	0.52	-1581 lbs	-1581 lbs	18-19	0.02	307 lbs	-155 lbs				
				5-48	0.46	-1303 lbs	-1303 lbs	20-21	0.00	94 lbs	-28 lbs				
				48-49	0.46	-1303 lbs	-1303 lbs	21-24	0.01	72 lbs	-53 lbs				
				6-49	0.38	-1303 lbs	-1303 lbs	15-32	0.08	981 lbs	-539 lbs				

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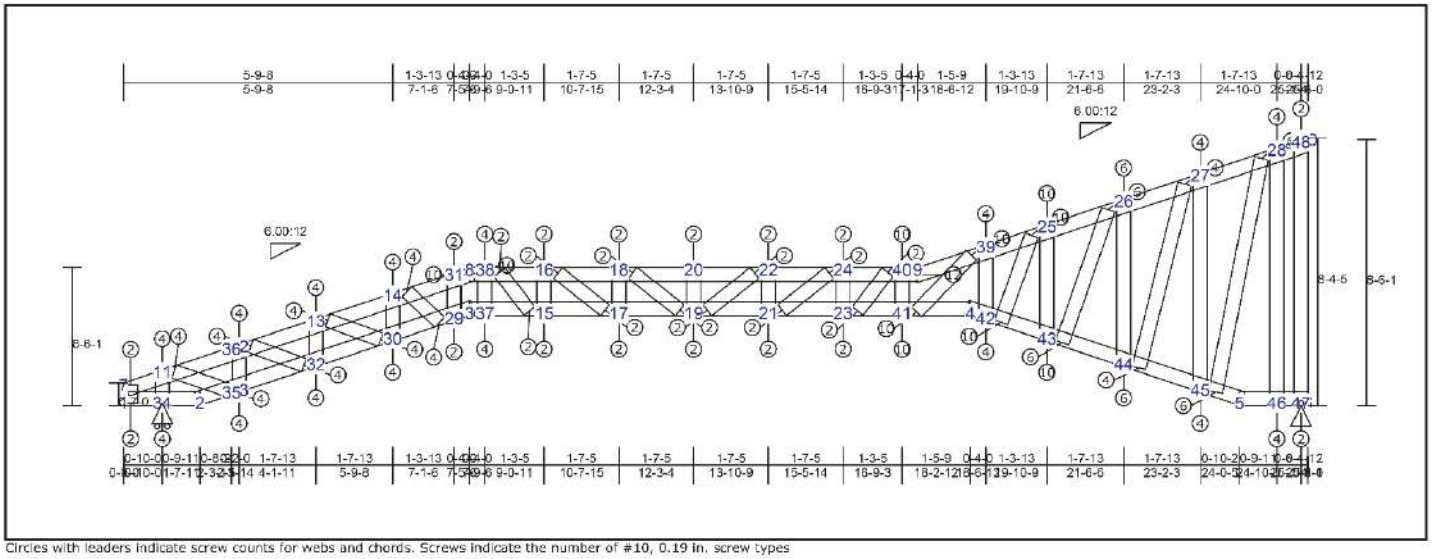
TRUSS TB47 (spacing 12 in)



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 :	0.74 (24 - 40)	TL(V): 0.51 in.	L / 218	(9-39)	L / 360
BC :	0.73 (23 - 41)	LL(V): 0.28 in.	L / 380	(9-39)	L / 360
Web :	0.92 (45 - 27)	DL(V): 0.22 in.	L / 496	(9-39)	L / 0
		Cant / OH TL: 0.26 in.	2L / 2	39	2L / 360
		Cant / OH LL: 0.26 in.	2L / 2	39	2L / 360
		Horiz TL: -0.26 in		10	
		Web :			
		Snow/Wind -0.23 in.	L / 486	(9-39)	L / 360
		Cant (Snow/Wind) -0.21 in.	L / 2	39	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	NA		0 lbs	800 lbs	0 lbs	-130 lbs	0 lbs
34	HRoll		0 lbs	800 lbs	0 lbs	-130 lbs	0 lbs
47	Pin		320 lbs	780 lbs	0 lbs	-460 lbs	320 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
8-5-4	25-6-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
7-11	0.16	-385 lbs	-385 lbs	3-37	0.43	3188 lbs	-1297 lbs
11-12	0.17	-1458 lbs	-1458 lbs	15-37	0.46	3298 lbs	-1360 lbs
12-13	0.23	-2343 lbs	-2343 lbs	15-17	0.48	3631 lbs	-1548 lbs
13-14	0.36	-3481 lbs	-3481 lbs	17-19	0.49	3743 lbs	-1599 lbs
14-31	0.37	-3618 lbs	-3618 lbs	19-21	0.49	3743 lbs	-1599 lbs
8-31	0.32	-3359 lbs	-3359 lbs	21-23	0.49	3765 lbs	-1568 lbs
8-38	0.39	-3228 lbs	-3228 lbs	23-41	0.73	3765 lbs	-1560 lbs
16-38	0.39	-3338 lbs	-3338 lbs	4-41	0.73	3505 lbs	-1407 lbs
16-18	0.35	-3671 lbs	-3671 lbs	2-35	0.16	695 lbs	-269 lbs
18-20	0.34	-3783 lbs	-3783 lbs	33-35	0.18	695 lbs	-101 lbs
20-22	0.34	-3783 lbs	-3783 lbs	32-33	0.21	1707 lbs	-686 lbs
22-24	0.35	-3805 lbs	-3805 lbs	30-32	0.32	2642 lbs	-1052 lbs
24-40	0.74	-3805 lbs	-3805 lbs	29-30	0.49	3409 lbs	-1378 lbs
9-40	0.74	-3545 lbs	-3545 lbs	3-29	0.48	3409 lbs	-1378 lbs
9-39	0.66	-4265 lbs	-4265 lbs	1-34	0.05	0 lbs	0 lbs
25-39	0.59	-2090 lbs	-2090 lbs	2-34	0.05	0 lbs	0 lbs
25-26	0.33	-1362 lbs	-1362 lbs	4-42	0.45	1568 lbs	-555 lbs
26-27	0.22	-632 lbs	-632 lbs	42-43	0.71	1891 lbs	-568 lbs
27-28	0.32	489 lbs	-455 lbs	43-44	0.39	648 lbs	-223 lbs
28-48	0.08	-128 lbs	-128 lbs	44-45	0.26	576 lbs	-465 lbs
10-48	0.00	-2 lbs	-2 lbs	5-45	0.26	576 lbs	-465 lbs
				5-46	0.18	317 lbs	-188 lbs
				46-47	0.18	317 lbs	-188 lbs

Bot Chord			
8-47	0.10	317 lbs	-188 lbs

Web			
15-16	0.10	-696 lbs	-696 lbs
17-18	0.04	-268 lbs	-268 lbs
19-20	0.02	-104 lbs	-104 lbs
21-22	0.02	-147 lbs	-147 lbs
23-24	0.03	683 lbs	-217 lbs
1-7	0.01	127 lbs	-50 lbs
14-30	0.20	-1380 lbs	-1380 lbs
13-32	0.12	-839 lbs	-839 lbs
12-33	0.15	-1038 lbs	-1038 lbs
11-34	0.15	-1026 lbs	-1026 lbs
29-31	0.03	536 lbs	-216 lbs
37-38	0.06	1054 lbs	-397 lbs
40-41	0.55	-3686 lbs	-3686 lbs
39-42	0.24	-1579 lbs	-1579 lbs
25-43	0.89	-3594 lbs	-3594 lbs
26-44	0.87	-1727 lbs	-1727 lbs
27-45	0.92	-1601 lbs	-1601 lbs
28-46	0.90	-964 lbs	-964 lbs
47-48	0.48	287 lbs	-257 lbs
16-17	0.04	516 lbs	-261 lbs
18-19	0.01	177 lbs	-79 lbs
19-22	0.01	85 lbs	-76 lbs
21-24	0.02	-163 lbs	-163 lbs
14-29	0.06	899 lbs	-392 lbs
13-30	0.06	978 lbs	-409 lbs
12-32	0.06	957 lbs	-381 lbs
11-35	0.06	1089 lbs	-423 lbs
15-38	0.03	241 lbs	-183 lbs
23-40	0.05	572 lbs	-336 lbs
25-42	0.39	3807 lbs	-1609 lbs
26-43	0.59	2305 lbs	-1125 lbs
27-44	0.77	1461 lbs	-765 lbs
28-45	0.90	1629 lbs	-1242 lbs
39-41	0.23	3318 lbs	-1484 lbs

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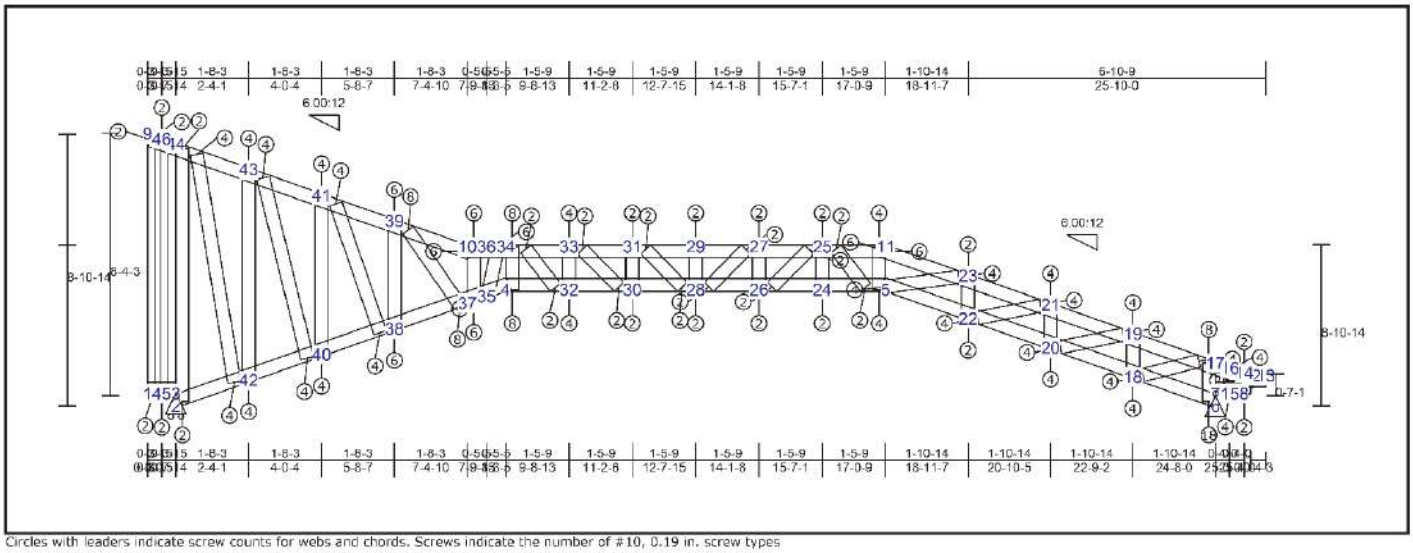
TRUSS TB48 (spacing 12 in)



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 (34 - 33)	TL(V): 315.89 in.	L / 0	(12-13)	L / 360
BC:	0.83 (18 - 8)	LL(V): 210.6 in.	L / 0	(12-13)	L / 360
Web:	0.82 (7 - 17)	DL(V): 105.3 in.	L / 0	(12-13)	L / 0
		Cant / OH TL: 210.6 in.	2L / 2	(12-13)	2L / 360
		Cant / OH LL: 210.6 in.	2L / 2	(12-13)	2L / 360
		Horiz TL: -0.13 in.		2	
		Web :			
		SnowWind -213.92 in.	L / 0	(12-13)	L / 360
		Cant (SnowWind) -213.92 in.	2L / 2	(12-13)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		0 lbs	730 lbs	0 lbs	0 lbs	0 lbs
3	HRoll		0 lbs	730 lbs	0 lbs	-410 lbs	0 lbs
6	Pin		-9350 lbs	1050 lbs	0 lbs	0 lbs	-9350 lbs
7	Pin		9440 lbs	160 lbs	-100 lbs	-130 lbs	9440 lbs
17	NA		-9350 lbs	1050 lbs	0 lbs	-320 lbs	-9350 lbs
44	NA		0 lbs	-80 lbs	-50 lbs	-60 lbs	0 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
8-9-4	25-10-0

Material Design Pass

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Member Forces Summary

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

Top Chord			
11-23	0.20	-1873 lbs	-1873 lbs
21-23	0.14	-1187 lbs	-1187 lbs
19-21	0.15	1105 lbs	-834 lbs
17-19	0.29	2236 lbs	-1456 lbs
16-17	0.24	419 lbs	-240 lbs
14-16	0.16	419 lbs	-240 lbs
12-14	0.01	-27 lbs	-27 lbs
12-13	0.00	0 lbs	0 lbs
10-34	0.52	-2097 lbs	-2097 lbs
33-34	0.65	-2346 lbs	-2346 lbs
31-33	0.24	-2577 lbs	-2577 lbs
29-31	0.23	-2577 lbs	-2577 lbs
27-29	0.23	-2484 lbs	-2484 lbs
25-27	0.25	-2280 lbs	-2280 lbs
11-25	0.18	-1975 lbs	-1975 lbs
9-46	0.03	-65 lbs	-65 lbs
44-46	0.03	-65 lbs	-65 lbs
43-44	0.15	305 lbs	-264 lbs
41-43	0.19	-445 lbs	-445 lbs
39-41	0.21	-903 lbs	-903 lbs

Top Chord			
10-39	0.34	-2166 lbs	-2166 lbs

Bot Chord			
2-42	0.17	-272 lbs	-272 lbs
40-42	0.20	-272 lbs	-272 lbs
38-40	0.29	459 lbs	-338 lbs
37-38	0.55	1088 lbs	-739 lbs
4-37	0.53	2853 lbs	-1823 lbs
1-45	0.03	0 lbs	0 lbs
3-45	0.03	0 lbs	0 lbs
4-32	0.52	2384 lbs	-1530 lbs
30-32	0.51	2816 lbs	-1678 lbs
28-30	0.52	2816 lbs	-1678 lbs
26-28	0.50	2522 lbs	-1630 lbs
24-26	0.48	2319 lbs	-1520 lbs
5-24	0.42	2013 lbs	-1354 lbs
5-22	0.36	1705 lbs	-1185 lbs
20-22	0.20	687 lbs	-612 lbs
18-20	0.53	-1756 lbs	-1756 lbs
8-18	0.83	-2538 lbs	-2538 lbs
7-15	0.27	0 lbs	0 lbs
8-15	0.17	0 lbs	0 lbs

Web			
8-14	0.01	-87 lbs	-87 lbs
15-16	0.09	961 lbs	-587 lbs
18-19	0.13	-869 lbs	-869 lbs
20-21	0.14	-925 lbs	-925 lbs
22-23	0.11	-720 lbs	-720 lbs
5-11	0.07	849 lbs	-500 lbs
24-25	0.00	82 lbs	-29 lbs
26-27	0.07	-492 lbs	-492 lbs
28-29	0.01	-95 lbs	-95 lbs
30-31	0.00	70 lbs	-30 lbs
32-33	0.18	-1228 lbs	-1228 lbs
4-34	0.24	2585 lbs	-1618 lbs
10-37	0.27	-1783 lbs	-1783 lbs
38-39	0.70	-2143 lbs	-2143 lbs
40-41	0.85	-1232 lbs	-1232 lbs
42-43	0.84	-1134 lbs	-1134 lbs
45-46	0.14	-80 lbs	-80 lbs
1-9	0.20	137 lbs	-110 lbs
2-3	0.00	0 lbs	0 lbs
3-44	0.31	-781 lbs	-781 lbs
6-7	0.37	0 lbs	0 lbs
7-17	0.82	-739 lbs	-739 lbs
17-18	0.09	1126 lbs	-604 lbs
19-20	0.10	1198 lbs	-894 lbs
21-22	0.10	1013 lbs	-640 lbs
5-23	0.09	867 lbs	-817 lbs
25-26	0.04	535 lbs	-291 lbs
27-28	0.03	357 lbs	-193 lbs
28-31	0.02	-163 lbs	-163 lbs
30-33	0.04	405 lbs	-259 lbs
32-34	0.05	520 lbs	-321 lbs
37-39	0.38	2760 lbs	-1699 lbs
38-41	0.51	1508 lbs	-1000 lbs
40-43	0.86	1173 lbs	-857 lbs
42-44	0.89	908 lbs	-704 lbs
5-25	0.09	-598 lbs	-598 lbs
34-37	0.26	-1730 lbs	-1730 lbs

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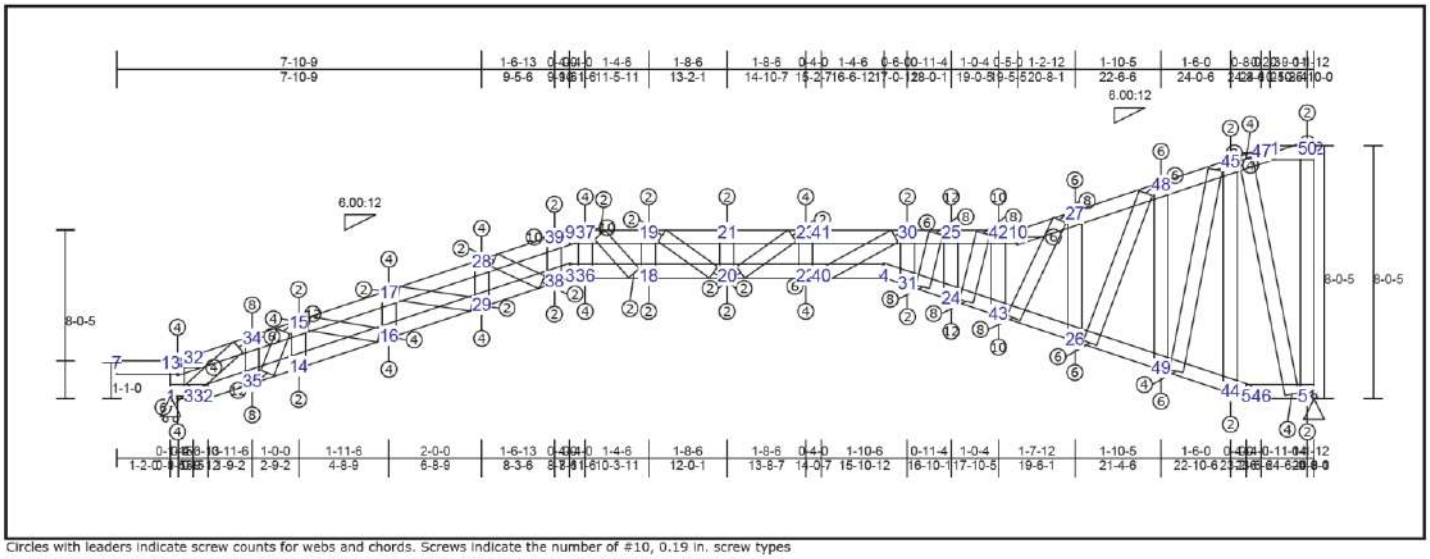
TRUSS TB49 (spacing 12 in)



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 :	0.93 (23 - 30)	TL(V): 2.69 in.	L / 6	(7-13)	L / 360
BC :	0.97 (35 - 14)	LL(V): 1.76 in.	L / 9	(7-13)	L / 360
Web :	0.90 (45 - 51)	DL(V): 0.92 in.	L / 18	(7-13)	L / 0
		Cant / OH TL: 1.76 in.	2L / 333	(7-13)	2L / 360
		Cant / OH LL: 1.76 in.	2L / 333	(7-13)	2L / 360
		Horiz TL: -0.28 in.		8	
		Web :			
		Snow/Wind -2.96 in.	L / 6	(7-13)	L / 360
		Cant (Snow/Wind) -2.96 in.	L / 198	(7-13)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	820 lbs	0 lbs	-240 lbs	0 lbs
51	Pin		240 lbs	770 lbs	0 lbs	-270 lbs	240 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
8-0-5	25-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
8-34	0.90	-2169 lbs	-2169 lbs	5-51	0.20	235 lbs	-148 lbs
15-34	0.81	-2169 lbs	-2169 lbs	6-51	0.14	235 lbs	-148 lbs
15-17	0.52	-2920 lbs	-2920 lbs	4-31	0.29	2344 lbs	-787 lbs
17-28	0.34	-3827 lbs	-3827 lbs	24-31	0.48	3126 lbs	-1054 lbs
28-39	0.43	-4122 lbs	-4122 lbs	24-43	0.46	2164 lbs	-686 lbs
9-39	0.36	-3787 lbs	-3787 lbs	26-43	0.48	1058 lbs	-244 lbs
7-13	0.02	0 lbs	0 lbs	26-49	0.33	450 lbs	-401 lbs
8-13	0.22	0 lbs	0 lbs	44-49	0.29	-401 lbs	-401 lbs
9-37	0.43	-3658 lbs	-3658 lbs	5-44	0.06	232 lbs	-44 lbs
19-37	0.43	-3658 lbs	-3658 lbs	3-36	0.50	3613 lbs	-1478 lbs
19-21	0.35	-3755 lbs	-3755 lbs	18-36	0.50	3613 lbs	-1478 lbs
21-23	0.37	-3939 lbs	-3939 lbs	18-20	0.46	3710 lbs	-1463 lbs
23-30	0.93	-3939 lbs	-3939 lbs	20-22	0.45	3894 lbs	-1465 lbs
25-30	0.73	-2470 lbs	-2470 lbs	22-40	0.46	3894 lbs	-1465 lbs
25-42	0.68	-2061 lbs	-2061 lbs	4-40	0.51	3894 lbs	-1465 lbs
10-42	0.52	-1545 lbs	-1545 lbs	2-35	0.11	1230 lbs	-384 lbs
10-27	0.37	-1927 lbs	-1927 lbs	14-35	0.97	2254 lbs	-1719 lbs
27-48	0.27	-1025 lbs	-1025 lbs	14-16	0.32	2260 lbs	-1022 lbs
45-48	0.36	-619 lbs	-619 lbs	16-29	0.44	3262 lbs	-1440 lbs
11-45	0.22	312 lbs	-192 lbs	29-38	0.54	3954 lbs	-1647 lbs
11-50	0.00	0 lbs	0 lbs	3-38	0.53	3954 lbs	-1647 lbs
12-50	0.00	0 lbs	0 lbs	1-2	0.22	1096 lbs	-344 lbs

Web				Web			
1-13	0.16	1183 lbs	-1106 lbs	25-31	0.16	2603 lbs	-1055 lbs
14-15	0.10	719 lbs	-676 lbs	24-42	0.19	3198 lbs	-1269 lbs
16-17	0.14	-987 lbs	-967 lbs	27-43	0.32	2721 lbs	-1099 lbs
18-19	0.07	-460 lbs	-460 lbs	26-48	0.51	1841 lbs	-780 lbs
20-21	0.01	132 lbs	-24 lbs	45-49	0.78	1433 lbs	-636 lbs
22-23	0.12	-817 lbs	-817 lbs	45-51	0.90	-1015 lbs	-1015 lbs
26-27	0.80	-2266 lbs	-2266 lbs	1-34	0.28	-1839 lbs	-1839 lbs
28-29	0.13	-860 lbs	-860 lbs	15-35	0.70	-4680 lbs	-4680 lbs
30-31	0.01	175 lbs	-72 lbs				
24-25	0.66	-4272 lbs	-4272 lbs				
34-35	0.34	2992 lbs	-2314 lbs				
36-37	0.08	1362 lbs	-577 lbs				
38-39	0.05	694 lbs	-335 lbs				
42-43	0.66	-3426 lbs	-3426 lbs				
44-45	0.37	-256 lbs	-256 lbs				
48-49	0.90	-1852 lbs	-1852 lbs				
50-51	0.05	-30 lbs	-30 lbs				
15-16	0.13	1623 lbs	-892 lbs				
19-20	0.01	218 lbs	-36 lbs				
20-23	0.04	-270 lbs	-270 lbs				
17-29	0.04	725 lbs	-243 lbs				
18-37	0.02	-102 lbs	-102 lbs				
28-38	0.03	632 lbs	-163 lbs				
30-40	0.13	1901 lbs	-848 lbs				

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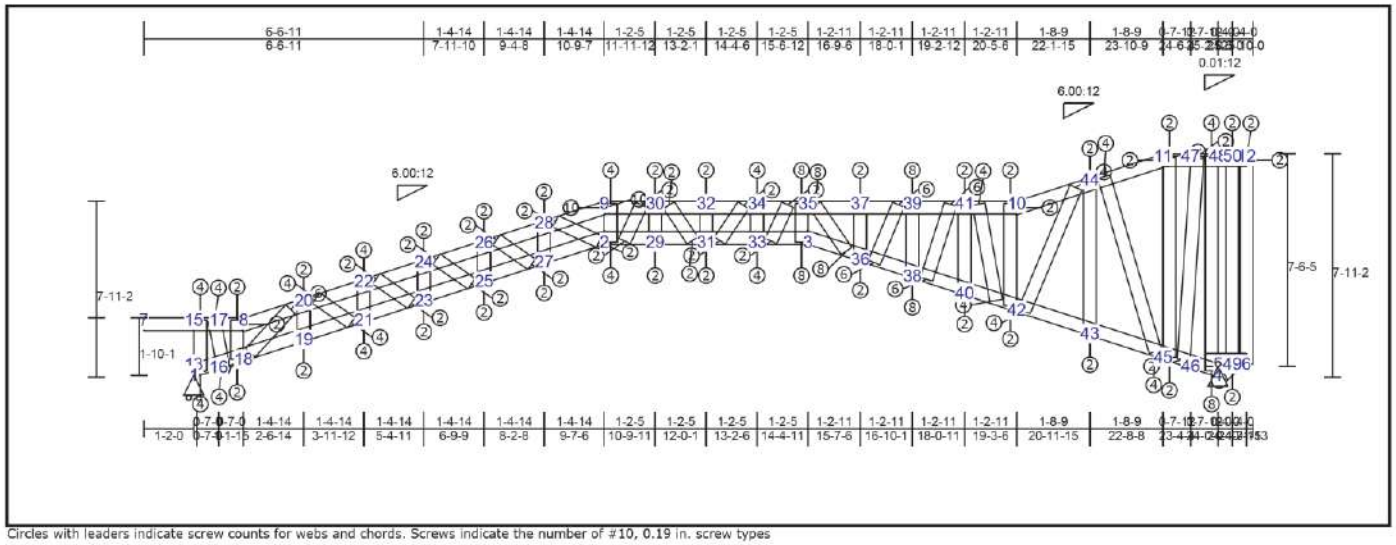
TRUSS TB50 (spacing 12 in)



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 (34 - 35)	TL(V): 0.35 in.	L / 332	(32-34)	L / 360
BC :	0.48 (3 - 36)	LL(V): 0.19 in.	L / 596	(32-34)	L / 360
Web :	0.88 (44 - 45)	DL(V): 0.16 in.	L / 748	(32-34)	L / 0
		Cant / OH TL: 0.19 in.	2L / 999	(32-34)	2L / 360
		Cant / OH LL: 0.19 in.	2L / 999	(32-34)	2L / 360
		Horiz TL: -0.21 in.		1	
		Web :			
		Snow/Wind -0.12 in.	L / 967	(32-34)	L / 360
		Cant (Snow/Wind) -0.12 in.	L / 999	(32-34)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	750 lbs	0 lbs	-140 lbs	0 lbs
4	Pin		2960 lbs	870 lbs	0 lbs	-60 lbs	2960 lbs
5	Pin		2960 lbs	870 lbs	0 lbs	-110 lbs	2960 lbs
48	NA		-3040 lbs	-170 lbs	-90 lbs	-170 lbs	-3040 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
7-11-2	25-11-13

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-15	0.02	0 lbs	0 lbs	5-49	0.34	0 lbs	0 lbs	1-15	0.16	-1061 lbs	-1061 lbs	20-21	0.04	883 lbs	-298 lbs
8-15	0.25	-193 lbs	-193 lbs	6-49	0.19	0 lbs	0 lbs	8-18	0.08	-543 lbs	-543 lbs	22-23	0.04	782 lbs	-265 lbs
8-20	0.22	-1761 lbs	-1761 lbs	3-36	0.48	3314 lbs	-1124 lbs	19-20	0.02	368 lbs	-129 lbs	24-25	0.03	524 lbs	-181 lbs
20-22	0.32	-2325 lbs	-2325 lbs	36-38	0.36	1546 lbs	-474 lbs	21-22	0.17	-1153 lbs	-1153 lbs	26-27	0.02	318 lbs	-103 lbs
22-24	0.27	-2828 lbs	-2828 lbs	38-40	0.32	917 lbs	-226 lbs	23-24	0.10	-700 lbs	-700 lbs	2-28	0.02	482 lbs	-166 lbs
24-26	0.30	-3160 lbs	-3160 lbs	40-42	0.28	904 lbs	-218 lbs	25-26	0.07	-477 lbs	-477 lbs	30-31	0.05	-311 lbs	-311 lbs
26-28	0.31	-3388 lbs	-3388 lbs	42-43	0.31	388 lbs	-172 lbs	27-28	0.06	-406 lbs	-406 lbs	31-34	0.05	599 lbs	-333 lbs
9-28	0.37	-3603 lbs	-3603 lbs	43-45	0.28	-486 lbs	-486 lbs	2-9	0.07	1422 lbs	-507 lbs	33-35	0.04	307 lbs	-293 lbs
9-30	0.32	-3293 lbs	-3293 lbs	4-45	0.17	-486 lbs	-486 lbs	29-30	0.05	-307 lbs	-307 lbs	36-39	0.12	2044 lbs	-761 lbs
30-32	0.27	-3194 lbs	-3194 lbs	2-29	0.36	3248 lbs	-1085 lbs	31-32	0.01	40 lbs	-37 lbs	38-41	0.16	1952 lbs	-749 lbs
32-34	0.31	-3070 lbs	-3070 lbs	29-31	0.34	3149 lbs	-1068 lbs	33-34	0.18	-1204 lbs	-1204 lbs	42-44	0.31	1474 lbs	-555 lbs
34-35	0.55	-2832 lbs	-2832 lbs	31-33	0.32	3025 lbs	-1037 lbs	3-35	0.13	2576 lbs	-889 lbs	2-30	0.04	349 lbs	-285 lbs
35-37	0.45	-2745 lbs	-2745 lbs	3-33	0.44	2787 lbs	-949 lbs	36-37	0.01	-36 lbs	-36 lbs	35-36	0.43	-2811 lbs	-2811 lbs
37-39	0.40	-1606 lbs	-1606 lbs	1-18	0.27	-364 lbs	-364 lbs	38-39	0.49	-2576 lbs	-2576 lbs	41-42	0.50	-1457 lbs	-1457 lbs
39-41	0.36	-1073 lbs	-1073 lbs	18-19	0.37	1511 lbs	-532 lbs	40-41	0.01	-33 lbs	-33 lbs	18-20	0.29	-1935 lbs	-1935 lbs
10-41	0.28	-675 lbs	-675 lbs	19-21	0.18	1599 lbs	-550 lbs	10-42	0.11	-306 lbs	-306 lbs	15-18	0.08	1526 lbs	-530 lbs
10-44	0.26	-706 lbs	-706 lbs	21-23	0.25	2338 lbs	-761 lbs	43-44	0.12	-165 lbs	-165 lbs	44-45	0.88	-1034 lbs	-1034 lbs
11-44	0.21	241 lbs	-142 lbs	23-25	0.28	2802 lbs	-920 lbs	11-45	0.30	626 lbs	-212 lbs	45-48	0.18	269 lbs	-125 lbs
11-48	0.36	-68 lbs	-68 lbs	25-27	0.32	3099 lbs	-1024 lbs	4-5	0.57	0 lbs	0 lbs				
48-50	0.29	-28 lbs	-28 lbs	2-27	0.35	3503 lbs	-1166 lbs	5-48	0.75	-1619 lbs	-1619 lbs				
12-50	0.19	-28 lbs	-28 lbs					49-50	0.06	109 lbs	-38 lbs				
								6-12	0.35	642 lbs	-233 lbs				

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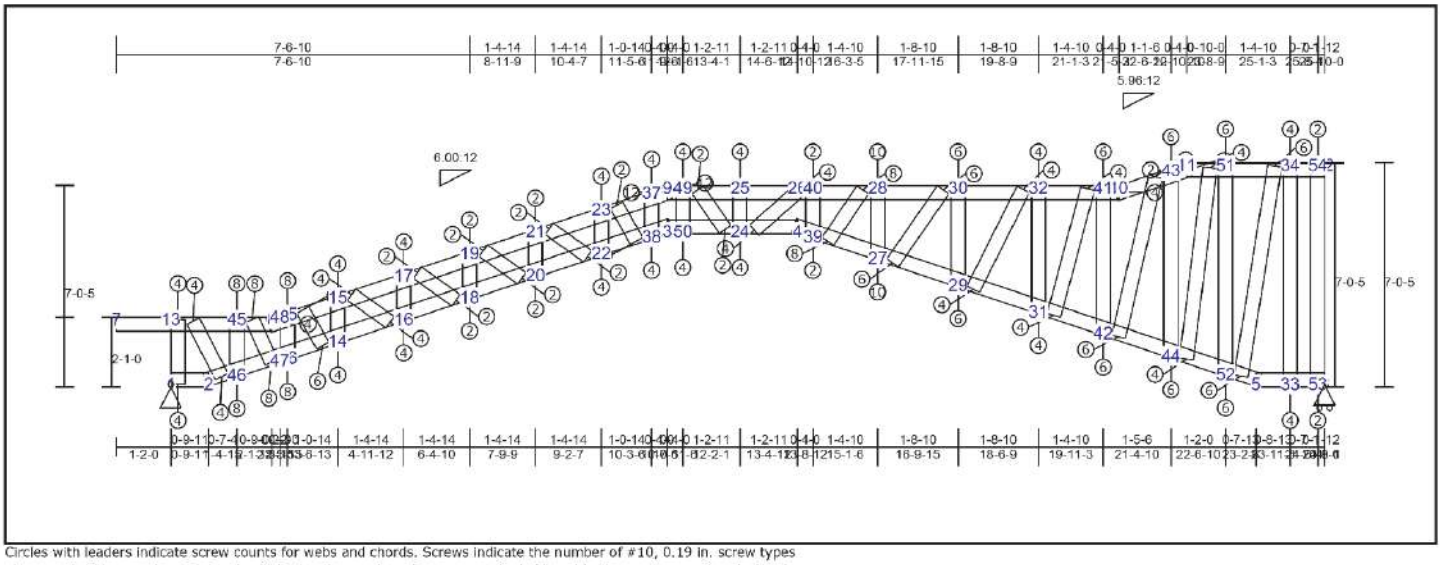
TRUSS TB51 (spacing 12 in)



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 (25 - 40)	TL(V): 0.5 in.	L / 89	(24-4)	L / 360
BC :	0.76 (38 - 3)	LL(V): 0.28 in.	L / 124	(24-4)	L / 360
Web :	0.96 (52 - 51)	DL(V): 0.22 in.	L / 156	(24-4)	L / 0
		Cant / OH TL: 0.28 in.	2L / 853	(24-4)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 853	(24-4)	2L / 360
		Horiz TL: 0.26 in.		5	
		Web :			
		SnowWind -0.24 in.	L / 549	(4-39)	L / 360
		Cant (SnowWind) -0.24 in.	L / 982	(4-39)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		170 lbs	820 lbs	0 lbs	-190 lbs	170 lbs
53	HRoll		0 lbs	770 lbs	0 lbs	-170 lbs	0 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
7-0-5	25-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
7-13	0.02	0 lbs	0 lbs
13-45	0.41	-476 lbs	-476 lbs
6-45	0.41	-1199 lbs	-1199 lbs
8-35	0.36	-2111 lbs	-2111 lbs
15-35	0.33	-2475 lbs	-2475 lbs
15-17	0.34	-3208 lbs	-3208 lbs
17-19	0.36	-3736 lbs	-3736 lbs
19-21	0.39	-4179 lbs	-4179 lbs
21-23	0.43	-4916 lbs	-4916 lbs
23-37	0.54	-4916 lbs	-4916 lbs
9-37	0.45	-4268 lbs	-4268 lbs
9-49	0.46	-4230 lbs	-4230 lbs
25-49	0.46	-4230 lbs	-4230 lbs
25-40	0.72	-4187 lbs	-4187 lbs
28-40	0.66	-3481 lbs	-3481 lbs
28-30	0.66	-2326 lbs	-2326 lbs
30-32	0.29	-1371 lbs	-1371 lbs
32-41	0.30	-878 lbs	-878 lbs
10-41	0.30	-609 lbs	-609 lbs
10-43	0.30	-907 lbs	-907 lbs
11-43	0.08	-492 lbs	-492 lbs
11-51	0.24	-321 lbs	-321 lbs
34-51	0.36	-197 lbs	-197 lbs
34-54	0.25	0 lbs	0 lbs
12-54	0.03	0 lbs	0 lbs

Bot Chord			
5-33	0.23	0 lbs	0 lbs
33-53	0.23	0 lbs	0 lbs
6-53	0.12	0 lbs	0 lbs
4-39	0.53	3218 lbs	-1481 lbs
27-39	0.68	3300 lbs	-1531 lbs
27-29	0.40	1746 lbs	-814 lbs
29-31	0.26	1148 lbs	-534 lbs
31-42	0.37	928 lbs	-428 lbs
42-44	0.33	562 lbs	-253 lbs
44-52	0.29	-412 lbs	-412 lbs
5-52	0.27	-412 lbs	-412 lbs
3-50	0.69	4238 lbs	-2040 lbs
24-50	0.69	4238 lbs	-2040 lbs
4-24	0.62	4194 lbs	-1937 lbs
2-46	0.37	-191 lbs	-191 lbs
46-47	0.42	974 lbs	-617 lbs
36-47	0.43	551 lbs	-281 lbs
14-36	0.50	1889 lbs	-1080 lbs
14-16	0.43	2576 lbs	-1423 lbs
16-18	0.54	3265 lbs	-1751 lbs
18-20	0.61	3774 lbs	-1989 lbs
20-22	0.66	4287 lbs	-2155 lbs
22-38	0.74	4850 lbs	-2357 lbs
3-38	0.76	4798 lbs	-2346 lbs
1-2	0.05	-167 lbs	-167 lbs

Web			
1-13	0.12	-819 lbs	-819 lbs
14-15	0.19	-1301 lbs	-1301 lbs
16-17	0.15	-1039 lbs	-1039 lbs
18-19	0.11	-754 lbs	-754 lbs
20-21	0.10	-680 lbs	-680 lbs
22-23	0.18	-1254 lbs	-1254 lbs
24-25	0.15	-997 lbs	-997 lbs
27-28	0.57	-3629 lbs	-3629 lbs
29-30	0.47	-1818 lbs	-1818 lbs
31-32	0.59	-1451 lbs	-1451 lbs
35-36	0.44	-2986 lbs	-2986 lbs
37-38	0.10	1281 lbs	-655 lbs
39-40	0.01	125 lbs	-68 lbs
41-42	0.76	-2145 lbs	-2145 lbs
43-44	0.83	-1640 lbs	-1640 lbs
45-46	0.37	-2492 lbs	-2492 lbs
51-52	0.96	-1786 lbs	-1786 lbs
33-34	0.85	-1146 lbs	-1146 lbs
53-54	0.18	-140 lbs	-140 lbs
49-50	0.11	1365 lbs	-750 lbs
15-16	0.08	1054 lbs	-518 lbs
17-18	0.05	780 lbs	-366 lbs
19-20	0.04	594 lbs	-287 lbs
21-22	0.06	729 lbs	-382 lbs
27-30	0.20	2283 lbs	-1056 lbs
29-32	0.23	1558 lbs	-737 lbs
23-38	0.05	508 lbs	-308 lbs
24-40	0.10	1171 lbs	-645 lbs
28-39	0.20	2806 lbs	-1308 lbs
42-43	0.63	1949 lbs	-912 lbs
13-46	0.10	1461 lbs	-635 lbs
14-35	0.14	1873 lbs	-950 lbs
45-47	0.19	2502 lbs	-1283 lbs
24-49	0.02	244 lbs	-167 lbs
31-41	0.33	1534 lbs	-733 lbs
44-51	0.74	1518 lbs	-695 lbs
34-52	0.79	1855 lbs	-816 lbs

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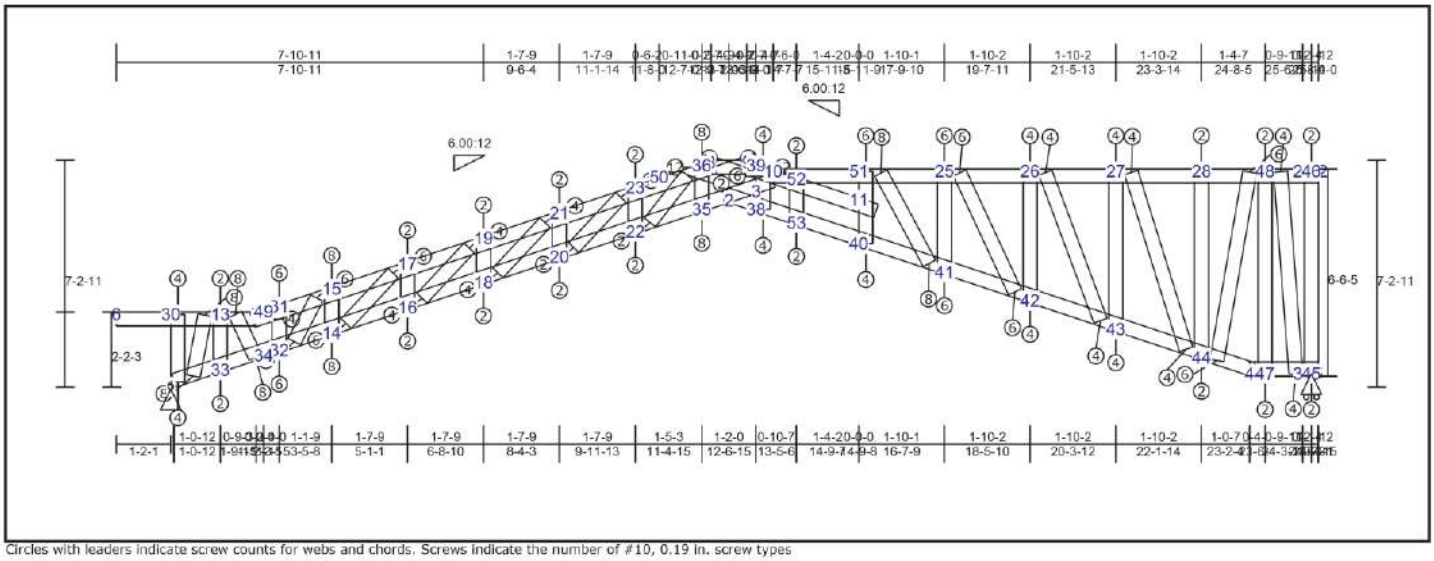
TRUSS TB52 (spacing 12 in)



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 (10 - 52)	TL(V): 0.52 in.	L / 289	(2-38)	L / 360
BC :	0.89 (35 - 2)	LL(V): 0.29 in.	L / 519	(2-38)	L / 360
Web :	0.94 (48 - 46)	DL(V): 0.23 in.	L / 151	(9-39)	L / 0
		Cant / OH TL: 0.29 in.	2L / 928	(2-38)	2L / 360
		Cant / OH LL: 0.29 in.	2L / 928	(2-38)	2L / 360
		Horiz TL: 0.29 in.		5	
		Web :			
		Snow/Wind -0.3 in.	L / 568	(35-2)	L / 360
		Cant (Snow/Wind) -0.3 in.	L / 907	(35-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		140 lbs	880 lbs	0 lbs	-250 lbs	140 lbs
45	HRoll		0 lbs	830 lbs	0 lbs	-260 lbs	0 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
7-1-14	25-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-30	0.02	0 lbs	0 lbs	4-47	0.13	76 lbs	-41 lbs	14-15	0.20	2442 lbs	-1344 lbs	15-32	0.25	-1669 lbs	-1669 lbs
13-30	0.52	-356 lbs	-356 lbs	45-47	0.31	76 lbs	-41 lbs	16-17	0.06	794 lbs	-412 lbs	14-17	0.33	-2165 lbs	-2165 lbs
7-13	0.39	-1148 lbs	-1148 lbs	5-45	0.22	0 lbs	0 lbs	18-19	0.04	590 lbs	-283 lbs	16-19	0.18	-1201 lbs	-1201 lbs
7-31	0.46	-1618 lbs	-1618 lbs	2-38	0.59	3809 lbs	-2022 lbs	20-21	0.03	445 lbs	-188 lbs	18-21	0.14	-956 lbs	-956 lbs
15-31	0.52	-2791 lbs	-2791 lbs	38-53	0.65	3809 lbs	-2022 lbs	22-23	0.01	117 lbs	-72 lbs	20-23	0.08	-538 lbs	-538 lbs
15-17	0.40	-3511 lbs	-3511 lbs	40-53	0.62	3661 lbs	-1951 lbs	31-32	0.32	-2152 lbs	-2152 lbs	22-36	0.08	-542 lbs	-542 lbs
17-19	0.42	-4146 lbs	-4146 lbs	40-41	0.62	3661 lbs	-1951 lbs	1-30	0.10	1271 lbs	-671 lbs	27-44	0.61	-1605 lbs	-1605 lbs
19-21	0.46	-4665 lbs	-4665 lbs	41-42	0.33	1870 lbs	-999 lbs	13-33	0.05	-360 lbs	-360 lbs	26-43	0.75	-1566 lbs	-1566 lbs
21-23	0.45	-4908 lbs	-4908 lbs	42-43	0.22	1197 lbs	-641 lbs	11-40	0.47	1628 lbs	-854 lbs	25-42	0.87	-1891 lbs	-1891 lbs
23-36	0.66	-5325 lbs	-5325 lbs	43-44	0.29	853 lbs	-457 lbs	11-24	0.16	1628 lbs	-854 lbs	24-41	0.75	-2624 lbs	-2624 lbs
8-36	0.46	-4092 lbs	-4092 lbs	4-44	0.30	305 lbs	-275 lbs	25-41	0.29	2027 lbs	-1072 lbs				
8-9	0.32	-4560 lbs	-4560 lbs	1-33	0.61	-927 lbs	-927 lbs	26-42	0.33	1433 lbs	-757 lbs				
10-24	0.36	-1978 lbs	-1978 lbs	33-34	0.38	815 lbs	-586 lbs	27-43	0.52	1518 lbs	-807 lbs				
24-25	0.44	-2421 lbs	-2421 lbs	32-34	0.60	387 lbs	-347 lbs	28-44	0.26	-288 lbs	-288 lbs				
25-26	0.34	-1535 lbs	-1535 lbs	14-32	0.68	2542 lbs	-1546 lbs	45-46	0.18	317 lbs	-165 lbs				
26-27	0.28	-975 lbs	-975 lbs	14-16	0.65	3301 lbs	-1955 lbs	47-48	0.18	-166 lbs	-166 lbs				
27-28	0.28	-598 lbs	-598 lbs	16-18	0.73	3974 lbs	-2302 lbs	35-36	0.21	2742 lbs	-1437 lbs				
28-48	0.41	-272 lbs	-272 lbs	18-20	0.81	4530 lbs	-2568 lbs	3-38	0.10	-998 lbs	-998 lbs				
46-48	0.26	-76 lbs	-76 lbs	20-22	0.84	4795 lbs	-2653 lbs	3-39	0.31	1008 lbs	-998 lbs				
12-46	0.06	0 lbs	0 lbs	22-35	0.89	5261 lbs	-2848 lbs	52-53	0.02	332 lbs	-168 lbs				
9-39	0.46	-4095 lbs	-4095 lbs	2-35	0.89	5261 lbs	-2848 lbs	13-34	0.22	2665 lbs	-1482 lbs				
10-39	0.76	-4095 lbs	-4095 lbs	2-3	0.84	4037 lbs	-2205 lbs	44-48	0.86	1703 lbs	-915 lbs				
10-52	0.78	-3523 lbs	-3523 lbs					45-48	0.94	-1500 lbs	-1500 lbs				
11-52	0.46	-1915 lbs	-1915 lbs					1-13	0.43	-2836 lbs	-2836 lbs				

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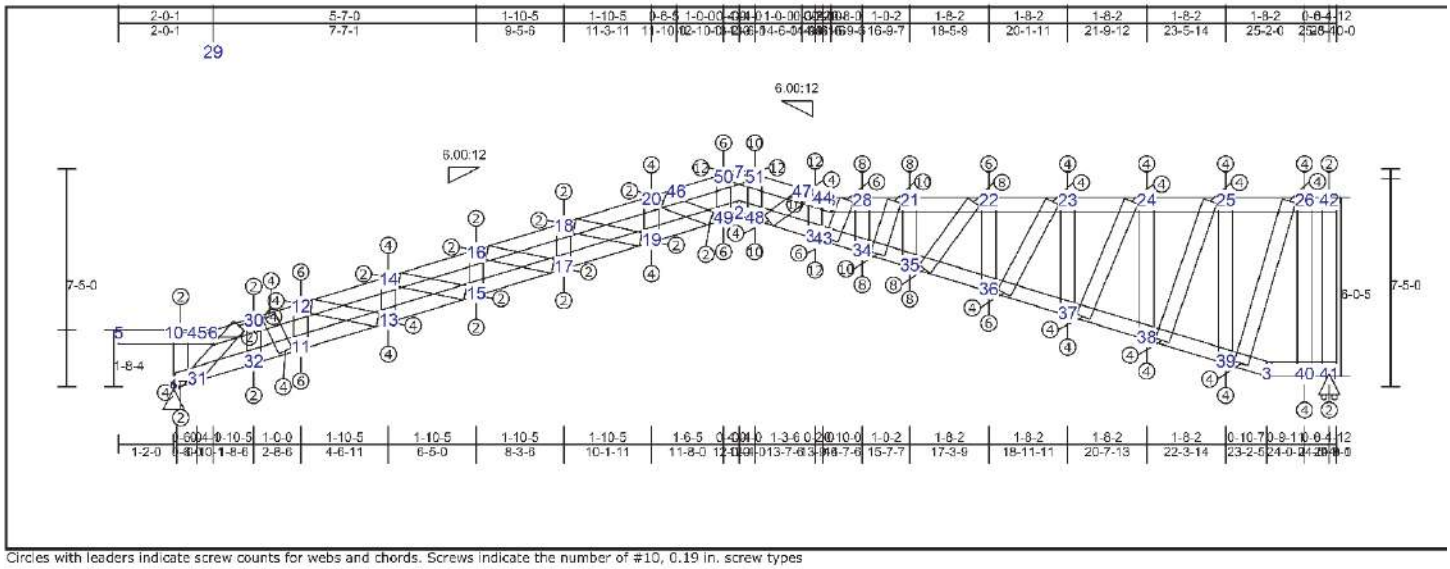
TRUSS TB53 (spacing 12 in)



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 :	0.81 (51 - 27)	TL(V): 0.57 in.	L / 280	(49-2)	L / 360
BC :	0.98 (2 - 48)	LL(V): 0.31 in.	L / 510	(49-2)	L / 360
Web :	0.94 (39 - 25)	DL(V): 0.28 in.	L / 587	(2-48)	L / 0
		Cant / OH TL: 0.31 in.	2L / 0	(49-2)	2L / 360
		Cant / OH LL: 0.31 in.	2L / 0	(49-2)	2L / 360
		Horiz TL: 0.31 in.		3	
		Web :			
		Snow/Wind -0.34 in.	L / 467	(49-2)	L / 360
		Cant (Snow/Wind) -0.34 in.	L / 0	(49-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		170 lbs	830 lbs	0 lbs	-240 lbs	170 lbs
41	HRoll		0 lbs	770 lbs	0 lbs	-260 lbs	0 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
7-4-3	25-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
5-10	0.02	0 lbs	0 lbs	1-32	0.23	947 lbs	-892 lbs
6-10	0.03	0 lbs	0 lbs	11-32	0.34	947 lbs	-892 lbs
6-30	0.32	-1210 lbs	-1210 lbs	11-13	0.48	2462 lbs	-1568 lbs
12-30	0.44	-1691 lbs	-1691 lbs	13-15	0.61	3326 lbs	-2046 lbs
12-14	0.35	-3015 lbs	-3015 lbs	15-17	0.71	3923 lbs	-2358 lbs
14-16	0.34	-3711 lbs	-3711 lbs	17-19	0.81	4389 lbs	-2575 lbs
16-18	0.40	-4161 lbs	-4161 lbs	19-49	0.97	5011 lbs	-2865 lbs
18-20	0.45	-4898 lbs	-4898 lbs	2-49	0.95	5011 lbs	-2865 lbs
20-50	0.89	-5080 lbs	-5080 lbs	2-48	0.98	5223 lbs	-2947 lbs
7-50	0.53	-4027 lbs	-4027 lbs	33-48	0.93	5223 lbs	-2947 lbs
8-28	0.50	-3603 lbs	-3603 lbs	33-43	0.81	3004 lbs	-983 lbs
21-28	0.56	-3098 lbs	-3098 lbs	34-43	0.63	3511 lbs	-1988 lbs
21-22	0.56	-2376 lbs	-2376 lbs	34-35	0.63	3144 lbs	-1759 lbs
22-23	0.35	-1367 lbs	-1367 lbs	35-36	0.46	1828 lbs	-1021 lbs
23-24	0.25	-880 lbs	-880 lbs	36-37	0.27	1130 lbs	-630 lbs
24-25	0.23	-540 lbs	-540 lbs	37-38	0.23	743 lbs	-414 lbs
25-26	0.34	-276 lbs	-276 lbs	38-39	0.26	439 lbs	-268 lbs
26-42	0.22	0 lbs	0 lbs	3-39	0.25	-268 lbs	-268 lbs
9-42	0.04	0 lbs	0 lbs	3-40	0.19	0 lbs	0 lbs
7-51	0.59	-3767 lbs	-3767 lbs	40-41	0.19	0 lbs	0 lbs
27-51	0.81	-5255 lbs	-5255 lbs	4-41	0.11	0 lbs	0 lbs
8-27	0.70	-5004 lbs	-5004 lbs				

Web			
1-10	0.02	-157 lbs	-157 lbs
11-12	0.29	-1957 lbs	-1957 lbs
13-14	0.12	-816 lbs	-816 lbs
15-16	0.08	-538 lbs	-538 lbs
17-18	0.05	-307 lbs	-307 lbs
19-20	0.15	-1008 lbs	-1008 lbs
30-32	0.02	234 lbs	-125 lbs
27-33	0.65	-4384 lbs	-4384 lbs
28-34	0.47	-3152 lbs	-3152 lbs
21-35	0.49	-3188 lbs	-3188 lbs
22-36	0.53	-2062 lbs	-2062 lbs
23-37	0.60	-1510 lbs	-1510 lbs
24-38	0.82	-1398 lbs	-1398 lbs
25-39	0.94	-1573 lbs	-1573 lbs
26-40	0.89	-916 lbs	-916 lbs
41-42	0.19	-215 lbs	-215 lbs
49-50	0.19	2250 lbs	-1321 lbs
48-51	0.27	3283 lbs	-1829 lbs
12-13	0.12	1410 lbs	-809 lbs
14-15	0.08	697 lbs	-379 lbs
16-17	0.04	498 lbs	-249 lbs
18-19	0.03	457 lbs	-212 lbs
11-30	0.13	1491 lbs	-866 lbs
21-34	0.33	3856 lbs	-2159 lbs

Web			
22-35	0.26	2484 lbs	-1392 lbs
23-36	0.27	1581 lbs	-885 lbs
24-37	0.34	1380 lbs	-771 lbs
25-38	0.45	1285 lbs	-717 lbs
26-39	0.77	1555 lbs	-866 lbs
28-43	0.19	2208 lbs	-1255 lbs
27-48	0.10	1161 lbs	-696 lbs
20-49	0.02	317 lbs	-105 lbs
1-30	0.22	-1465 lbs	-1465 lbs

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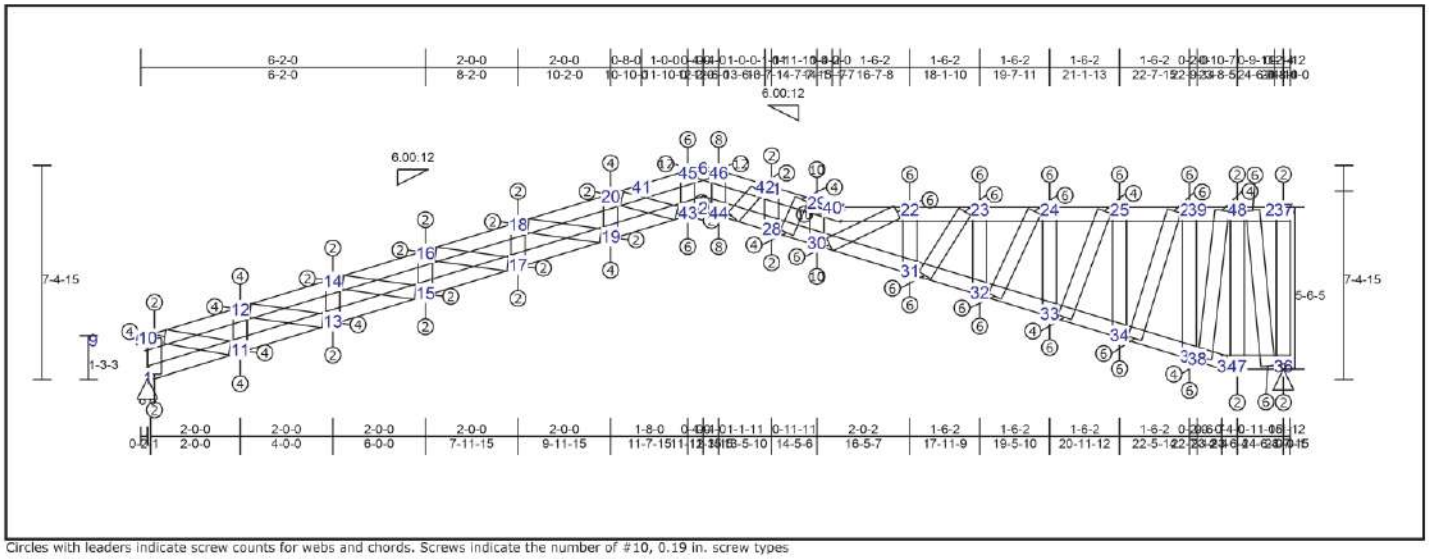
TRUSS TB54 (spacing 12 in)



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 (29 - 7)	TL(V): 0.55 in.	L / 275	(2-44)	L / 360
BC :	0.81 (28 - 30)	LL(V): 0.3 in.	L / 500	(2-44)	L / 360
Web :	0.95 (48 - 36)	DL(V): 0.25 in.	L / 609	(2-44)	L / 0
		Cant / OH TL: 0.3 in.	2L / 0	(2-44)	2L / 360
		Cant / OH LL: 0.3 in.	2L / 0	(2-44)	2L / 360
		Horiz TL: -0.3 in.		1	
		Web :			
		Snow/Wind -0.2 in.	L / 791	(43-2)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(43-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	770 lbs	0 lbs	-190 lbs	0 lbs
36	Pin		180 lbs	770 lbs	0 lbs	-240 lbs	180 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
7-4-3	24-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
5-10	0.00	7 lbs	0 lbs	1-11	0.16	875 lbs	-404 lbs	1-10	0.12	-791 lbs	-791 lbs	24-32	0.17	1671 lbs	-649 lbs
10-12	0.19	-1599 lbs	-1599 lbs	11-13	0.28	2088 lbs	-937 lbs	11-12	0.14	-956 lbs	-956 lbs	25-33	0.25	1542 lbs	-631 lbs
12-14	0.24	-2639 lbs	-2639 lbs	13-15	0.39	3003 lbs	-1282 lbs	13-14	0.10	-673 lbs	-673 lbs	26-34	0.38	1643 lbs	-698 lbs
14-16	0.33	-3450 lbs	-3450 lbs	15-17	0.45	3851 lbs	-1460 lbs	15-16	0.08	-544 lbs	-544 lbs	20-43	0.02	356 lbs	-37 lbs
16-18	0.39	-3929 lbs	-3929 lbs	17-19	0.47	4093 lbs	-1495 lbs	17-18	0.04	-271 lbs	-271 lbs	21-44	0.06	-438 lbs	-438 lbs
18-20	0.43	-4586 lbs	-4586 lbs	19-43	0.51	4656 lbs	-1560 lbs	19-20	0.13	-855 lbs	-855 lbs	22-30	0.12	2366 lbs	-804 lbs
20-45	0.65	-4757 lbs	-4757 lbs	2-43	0.51	4656 lbs	-1477 lbs	21-28	0.05	-342 lbs	-342 lbs	36-48	0.95	-1689 lbs	-1689 lbs
6-45	0.50	-3792 lbs	-3792 lbs	2-44	0.56	4920 lbs	-1546 lbs	29-30	0.56	-3795 lbs	-3795 lbs	35-48	0.52	1471 lbs	-738 lbs
6-46	0.56	-3556 lbs	-3556 lbs	28-44	0.52	4934 lbs	-1676 lbs	22-31	0.33	-2135 lbs	-2135 lbs				
21-46	0.76	-5019 lbs	-5019 lbs	28-30	0.81	5116 lbs	-1724 lbs	23-32	0.47	-2044 lbs	-2044 lbs				
21-29	0.82	-5225 lbs	-5225 lbs	30-31	0.62	3420 lbs	-1124 lbs	24-33	0.58	-1639 lbs	-1639 lbs				
7-29	0.90	-5225 lbs	-5225 lbs	31-32	0.41	1682 lbs	-519 lbs	25-34	0.91	-1764 lbs	-1764 lbs				
7-22	0.37	-4019 lbs	-4019 lbs	32-33	0.27	1073 lbs	-284 lbs	26-35	0.89	-1676 lbs	-1676 lbs				
22-23	0.37	-2162 lbs	-2162 lbs	33-34	0.29	703 lbs	-160 lbs	36-37	0.14	426 lbs	-188 lbs				
23-24	0.33	-1307 lbs	-1307 lbs	34-35	0.28	-392 lbs	-392 lbs	43-45	0.11	2093 lbs	-753 lbs				
24-25	0.27	-849 lbs	-849 lbs	3-35	0.25	-392 lbs	-392 lbs	44-46	0.16	3187 lbs	-1104 lbs				
25-26	0.33	-509 lbs	-509 lbs	3-47	0.11	177 lbs	-63 lbs	47-48	0.13	227 lbs	-180 lbs				
26-48	0.30	-205 lbs	-205 lbs	36-47	0.32	182 lbs	-99 lbs	10-11	0.08	1176 lbs	-545 lbs				
37-48	0.29	-101 lbs	-101 lbs	4-36	0.23	182 lbs	-99 lbs	12-13	0.06	1011 lbs	-430 lbs				
8-37	0.08	0 lbs	0 lbs					14-15	0.04	789 lbs	-281 lbs				
								16-17	0.03	517 lbs	-130 lbs				
								18-19	0.02	408 lbs	-87 lbs				
								28-29	0.05	1044 lbs	-243 lbs				
								23-31	0.15	2385 lbs	-896 lbs				

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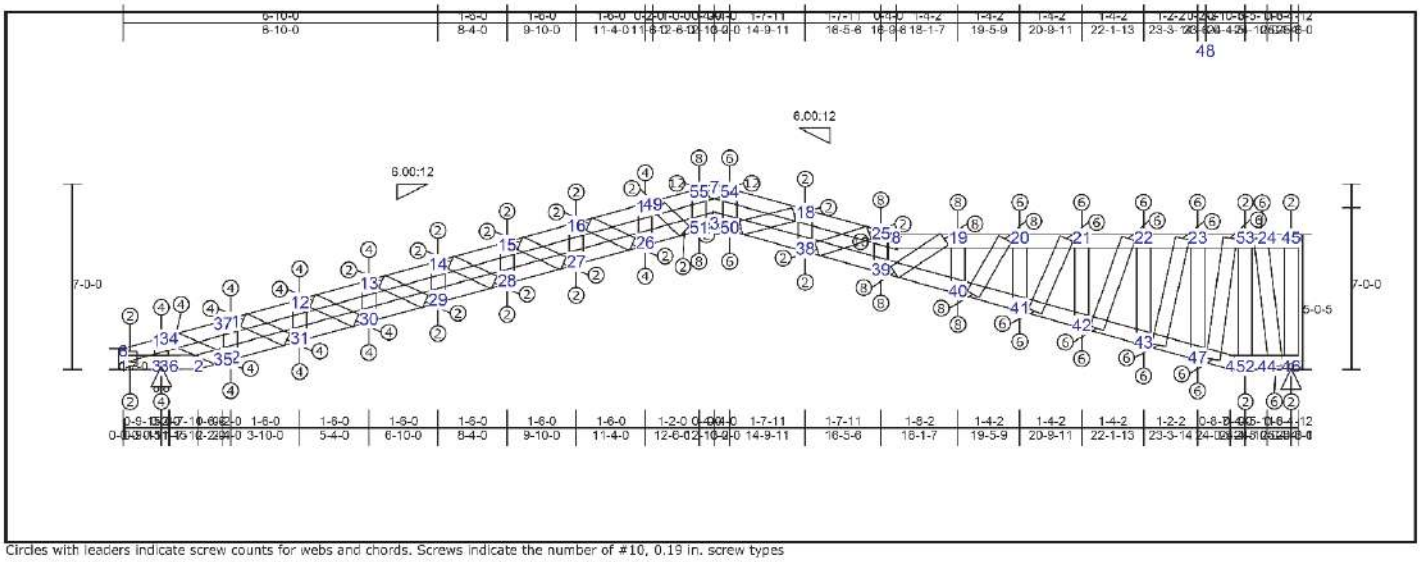
TRUSS TB55 (spacing 12 in)



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 (17 - 55)	TL(V): 0.58 in.	L / 261	(3-50)	L / 360
BC	0.68 (38 - 39)	LL(V): 0.32 in.	L / 476	(3-50)	L / 360
Web	0.91 (53 - 46)	DL(V): 0.26 in	L / 578	(3-50)	L / 0
		Cant / OH TL: 0.31 in.	2L / 28	(3-50)	2L / 360
		Cant / OH LL: 0.31 in.	2L / 28	(3-50)	2L / 360
		Horiz TL: -0.3 in.		1	
		Web :			
		Snow/Wind -0.2 in.	L / 752	(51-3)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 41	(3-50)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
10	NA		0 lbs	810 lbs	0 lbs	-200 lbs	0 lbs
33	HRoll		0 lbs	810 lbs	0 lbs	-200 lbs	0 lbs
45	NA		180 lbs	770 lbs	0 lbs	-230 lbs	180 lbs
46	Pin		180 lbs	770 lbs	0 lbs	-230 lbs	180 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
7-0-0	25-6-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Top Chord			
6-10	0.17	-409 lbs	-409 lbs	9-45	0.10	0 lbs	0 lbs
10-34	0.16	-409 lbs	-409 lbs	**Bot Chord**			
11-34	0.19	-1426 lbs	-1425 lbs	2-35	0.17	549 lbs	-245 lbs
11-12	0.24	-2315 lbs	-2315 lbs	32-35	0.19	549 lbs	-111 lbs
12-13	0.29	-3017 lbs	-3017 lbs	31-32	0.22	1579 lbs	-699 lbs
13-14	0.34	-3575 lbs	-3575 lbs	30-31	0.41	2399 lbs	-1030 lbs
14-15	0.37	-3979 lbs	-3979 lbs	29-30	0.38	3067 lbs	-1283 lbs
15-16	0.39	-4236 lbs	-4236 lbs	28-29	0.43	3589 lbs	-1404 lbs
16-17	0.46	-4988 lbs	-4988 lbs	27-28	0.45	3946 lbs	-1448 lbs
17-55	0.76	-4989 lbs	-4988 lbs	26-27	0.45	4306 lbs	-1445 lbs
7-55	0.56	-3802 lbs	-3802 lbs	26-51	0.48	4897 lbs	-1474 lbs
7-54	0.51	-3832 lbs	-3832 lbs	3-51	0.53	4897 lbs	-1458 lbs
18-54	0.66	-4805 lbs	-4805 lbs	1-33	0.07	-1 lbs	-1 lbs
18-25	0.63	-4774 lbs	-4774 lbs	2-33	0.07	-1 lbs	-1 lbs
8-25	0.67	-4507 lbs	-4507 lbs	3-50	0.48	4711 lbs	-1357 lbs
8-19	0.42	-3731 lbs	-3731 lbs	38-50	0.48	4711 lbs	-1442 lbs
19-20	0.39	-2068 lbs	-2068 lbs	38-39	0.68	4590 lbs	-1442 lbs
20-21	0.35	-1292 lbs	-1292 lbs	39-40	0.53	3046 lbs	-963 lbs
21-22	0.34	-831 lbs	-831 lbs	40-41	0.41	1891 lbs	-508 lbs
22-23	0.32	-462 lbs	-462 lbs	41-42	0.32	1122 lbs	-325 lbs
23-53	0.32	-250 lbs	-250 lbs	42-43	0.33	727 lbs	-199 lbs
45-53	0.31	-117 lbs	-117 lbs	43-47	0.29	427 lbs	-388 lbs
				4-47	0.26	-388 lbs	-388 lbs
				4-52	0.12	180 lbs	-55 lbs
				46-52	0.35	184 lbs	-95 lbs
				5-46	0.25	184 lbs	-95 lbs

Web				
1-6	0.01	168 lbs	-73 lbs	-73 lbs
17-26	0.19	-1297 lbs	-1297 lbs	-1297 lbs
16-27	0.05	-347 lbs	-347 lbs	-347 lbs
15-28	0.07	-491 lbs	-491 lbs	-491 lbs
14-29	0.10	-678 lbs	-678 lbs	-678 lbs
13-30	0.12	-846 lbs	-846 lbs	-846 lbs
12-31	0.15	-1032 lbs	-1032 lbs	-1032 lbs
11-32	0.19	-1268 lbs	-1268 lbs	-1268 lbs
10-33	0.16	-1121 lbs	-1121 lbs	-1121 lbs
18-38	0.04	-246 lbs	-246 lbs	-246 lbs
25-39	0.44	-2951 lbs	-2951 lbs	-2951 lbs
19-40	0.39	-2559 lbs	-2559 lbs	-2559 lbs
20-41	0.46	-2248 lbs	-2248 lbs	-2248 lbs
21-42	0.83	-2030 lbs	-2030 lbs	-2030 lbs
22-43	0.87	-1965 lbs	-1965 lbs	-1965 lbs
45-46	0.13	525 lbs	-222 lbs	-222 lbs
23-47	0.85	-1917 lbs	-1917 lbs	-1917 lbs
52-53	0.07	-112 lbs	-112 lbs	-112 lbs
50-54	0.11	2111 lbs	-660 lbs	-660 lbs
51-55	0.16	3062 lbs	-1066 lbs	-1066 lbs
16-26	0.03	514 lbs	-130 lbs	-130 lbs
15-27	0.02	335 lbs	-86 lbs	-86 lbs
14-28	0.03	539 lbs	-151 lbs	-151 lbs
13-29	0.04	708 lbs	-227 lbs	-227 lbs
12-30	0.05	871 lbs	-334 lbs	-334 lbs
11-31	0.07	1122 lbs	-481 lbs	-481 lbs
34-35	0.07	1114 lbs	-501 lbs	-501 lbs
25-38	0.02	400 lbs	-106 lbs	-106 lbs
19-39	0.13	2596 lbs	-885 lbs	-885 lbs
20-40	0.14	2546 lbs	-917 lbs	-917 lbs
21-41	0.17	1962 lbs	-735 lbs	-735 lbs
22-42	0.26	1929 lbs	-762 lbs	-762 lbs
23-43	0.32	1739 lbs	-702 lbs	-702 lbs
18-50	0.01	150 lbs	-76 lbs	-76 lbs
17-51	0.02	344 lbs	-166 lbs	-166 lbs
47-53	0.47	1706 lbs	-808 lbs	-808 lbs
46-53	0.91	-1780 lbs	-1780 lbs	-1780 lbs

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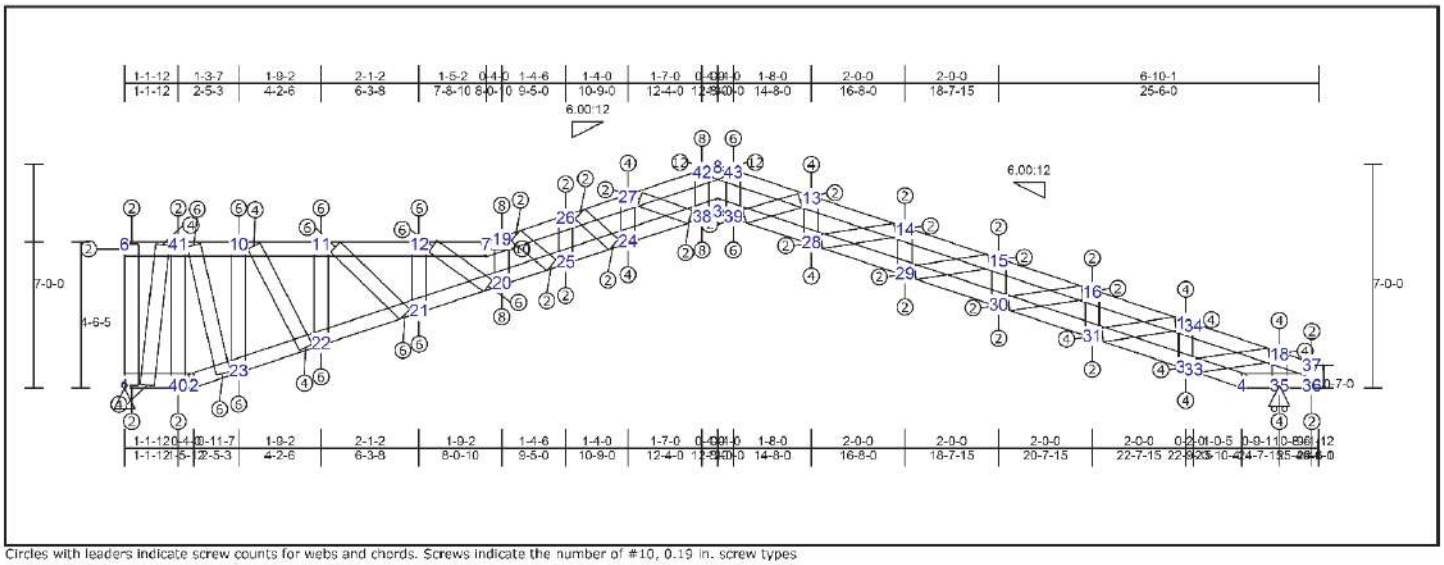
TRUSS TB56 (spacing 12 in)



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 (27 - 42)	TL(V): 0.53 in.	L / 283	(3-39)	L / 360
BC :	0.66 (20 - 25)	LL(V): 0.29 in.	L / 515	(3-39)	L / 360
Web :	0.83 (1 - 41)	DL(V): 0.24 in.	L / 628	(38-3)	L / 0
		Cant / OH TL: 0.29 in.	2L / 0	(3-39)	2L / 360
		Cant / OH LL: 0.29 in.	2L / 0	(3-39)	2L / 360
		Horiz TL: 0.28 in.		4	
		Web :			
		Snow/Wind -0.17 in.	L / 864	(38-3)	L / 360
		Cant (Snow/Wind) -0.17 in.	L / 0	(38-3)	L / 360

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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	760 lbs	0 lbs	-210 lbs	-180 lbs
35	HRoll		0 lbs	820 lbs	0 lbs	-190 lbs	0 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
7-0-0	25-6-1

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-41	0.26	-113 lbs	-113 lbs	2-23	0.27	290 lbs	-288 lbs	1-6	0.07	349 lbs	-146 lbs	16-30	0.04	786 lbs	-253 lbs
10-41	0.34	-358 lbs	-358 lbs	22-23	0.30	502 lbs	-288 lbs	19-20	0.45	-3057 lbs	-3057 lbs	17-31	0.06	1008 lbs	-403 lbs
10-11	0.27	-833 lbs	-833 lbs	21-22	0.34	1305 lbs	-424 lbs	12-21	0.30	-1981 lbs	-1981 lbs	18-33	0.08	1243 lbs	-547 lbs
11-12	0.36	-1892 lbs	-1892 lbs	20-21	0.51	2884 lbs	-970 lbs	11-22	0.43	-1635 lbs	-1635 lbs	13-39	0.02	360 lbs	-66 lbs
7-12	0.38	-3520 lbs	-3520 lbs	20-25	0.66	4340 lbs	-1486 lbs	10-23	0.76	-1759 lbs	-1759 lbs	27-38	0.01	258 lbs	-36 lbs
6-43	0.53	-3754 lbs	-3754 lbs	24-25	0.44	4340 lbs	-1486 lbs	25-26	0.04	455 lbs	-277 lbs	23-41	0.33	1626 lbs	-728 lbs
13-43	0.70	-4851 lbs	-4851 lbs	24-38	0.52	4793 lbs	-1534 lbs	24-27	0.16	-1102 lbs	-1102 lbs	1-41	0.83	-1546 lbs	-1546 lbs
13-14	0.44	-4693 lbs	-4693 lbs	3-38	0.54	4793 lbs	-1500 lbs	13-28	0.13	-912 lbs	-912 lbs				
14-15	0.40	-4006 lbs	-4006 lbs	1-40	0.30	176 lbs	-85 lbs	14-29	0.04	-255 lbs	-255 lbs				
15-16	0.34	-3543 lbs	-3543 lbs	2-40	0.10	172 lbs	-45 lbs	15-30	0.08	-536 lbs	-536 lbs				
16-17	0.26	-2736 lbs	-2736 lbs	3-39	0.52	4747 lbs	-1453 lbs	16-31	0.10	-676 lbs	-676 lbs				
17-18	0.17	-1693 lbs	-1693 lbs	28-39	0.51	4747 lbs	-1453 lbs	17-32	0.13	-878 lbs	-878 lbs				
18-37	0.15	-373 lbs	-373 lbs	28-29	0.45	4172 lbs	-1404 lbs	18-35	0.14	-944 lbs	-944 lbs				
9-37	0.01	50 lbs	-14 lbs	29-30	0.43	3732 lbs	-1388 lbs	36-37	0.00	73 lbs	-31 lbs				
7-19	0.63	-4393 lbs	-4393 lbs	30-31	0.38	3088 lbs	-1243 lbs	40-41	0.07	-150 lbs	-150 lbs				
19-26	0.58	-4492 lbs	-4492 lbs	31-32	0.27	2181 lbs	-927 lbs	38-42	0.13	2587 lbs	-863 lbs				
26-27	0.42	-4787 lbs	-4787 lbs	32-33	0.15	1001 lbs	-194 lbs	39-43	0.12	2386 lbs	-782 lbs				
27-42	0.72	-4885 lbs	-4885 lbs	4-33	0.14	1001 lbs	-438 lbs	12-20	0.13	2401 lbs	-647 lbs				
8-42	0.54	-3700 lbs	-3700 lbs	4-35	0.03	0 lbs	0 lbs	11-21	0.13	1870 lbs	-672 lbs				
				35-36	0.03	0 lbs	0 lbs	10-22	0.18	1486 lbs	-559 lbs				
				5-36	0.01	0 lbs	0 lbs	19-25	0.03	499 lbs	-163 lbs				
								24-26	0.01	220 lbs	-13 lbs				
								14-28	0.02	413 lbs	-119 lbs				
								15-29	0.03	503 lbs	-151 lbs				

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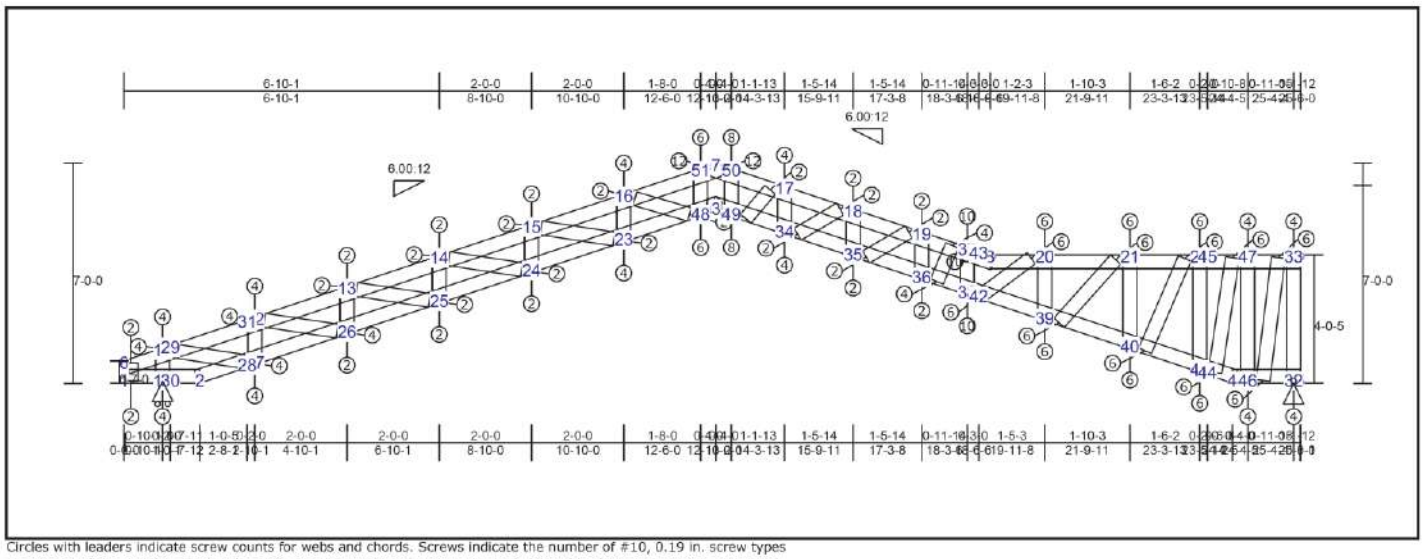
TRUSS TB57 (spacing 12 in)



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 (37 - 8)	TL(V): 0.56 in.	L / 269	(3-49)	L / 360
BC :	0.84 (36 - 38)	LL(V): 0.3 in.	L / 495	(3-49)	L / 360
Web :	0.67 (46 - 47)	DL(V): 0.25 in.	L / 591	(48-3)	L / 0
		Cant / OH TL: 0.3 in.	2L / 0	(3-49)	2L / 360
		Cant / OH LL: 0.3 in.	2L / 0	(3-49)	2L / 360
		Horiz TL: -0.29 in.		2	
		Web :			
		Snow/Wind -0.2 in.	L / 767	(48-3)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(48-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
10	HRoll		0 lbs	820 lbs	0 lbs	-190 lbs	0 lbs
32	Pin		170 lbs	770 lbs	0 lbs	-200 lbs	170 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
7-0-0	25-6-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-20	0.43	-3408 lbs	-3408 lbs	2-28	0.15	1000 lbs	-434 lbs	1-6	0.00	79 lbs	-34 lbs	19-35	0.01	127 lbs	-37 lbs
20-21	0.43	-1973 lbs	-1973 lbs	27-28	0.15	1000 lbs	-190 lbs	10-11	0.14	-957 lbs	-957 lbs	36-37	0.06	1036 lbs	-391 lbs
21-22	0.34	-783 lbs	-783 lbs	26-27	0.27	2187 lbs	-918 lbs	16-23	0.13	-868 lbs	-868 lbs	21-39	0.15	2326 lbs	-870 lbs
22-47	0.32	-305 lbs	-305 lbs	25-26	0.37	3105 lbs	-1229 lbs	15-24	0.04	-263 lbs	-263 lbs	22-40	0.17	1735 lbs	-654 lbs
33-47	0.33	-140 lbs	-140 lbs	24-25	0.42	3745 lbs	-1368 lbs	14-25	0.08	-537 lbs	-537 lbs	41-47	0.28	1650 lbs	-746 lbs
9-33	0.24	0 lbs	0 lbs	23-24	0.44	4181 lbs	-1384 lbs	13-26	0.10	-676 lbs	-676 lbs	33-46	0.33	1696 lbs	-793 lbs
6-11	0.15	-376 lbs	-376 lbs	23-48	0.54	4744 lbs	-1563 lbs	12-27	0.13	-891 lbs	-891 lbs	16-48	0.02	372 lbs	-91 lbs
11-29	0.15	-376 lbs	-376 lbs	3-48	0.55	4744 lbs	-1563 lbs	32-33	0.52	-1245 lbs	-1245 lbs	17-49	0.01	211 lbs	-93 lbs
12-29	0.17	-1698 lbs	-1698 lbs	1-10	0.03	0 lbs	0 lbs	17-34	0.19	-1260 lbs	-1260 lbs	20-38	0.12	2147 lbs	-824 lbs
12-13	0.26	-2743 lbs	-2743 lbs	2-10	0.03	0 lbs	0 lbs	18-35	0.04	-288 lbs	-288 lbs				
13-14	0.34	-3552 lbs	-3552 lbs	3-49	0.61	4942 lbs	-1682 lbs	19-36	0.04	398 lbs	-251 lbs				
14-15	0.40	-4022 lbs	-4022 lbs	34-49	0.54	4942 lbs	-1689 lbs	37-38	0.53	-3545 lbs	-3545 lbs				
15-16	0.44	-4683 lbs	-4683 lbs	34-35	0.48	4373 lbs	-1565 lbs	20-39	0.33	-2195 lbs	-2195 lbs				
16-51	0.67	-4849 lbs	-4849 lbs	35-36	0.47	4202 lbs	-1580 lbs	21-40	0.46	-2016 lbs	-2016 lbs				
7-51	0.52	-3846 lbs	-3846 lbs	36-38	0.84	4393 lbs	-1653 lbs	22-41	0.65	-1834 lbs	-1834 lbs				
7-50	0.56	-3637 lbs	-3637 lbs	38-39	0.56	2809 lbs	-1048 lbs	46-47	0.67	-1567 lbs	-1567 lbs				
17-50	0.76	-5027 lbs	-5027 lbs	39-40	0.42	1254 lbs	-458 lbs	48-51	0.11	2177 lbs	-716 lbs				
17-18	0.46	-5027 lbs	-5027 lbs	40-41	0.31	491 lbs	-332 lbs	49-50	0.17	3062 lbs	-1124 lbs				
18-19	0.39	-4306 lbs	-4306 lbs	4-41	0.28	-332 lbs	-332 lbs	15-23	0.02	405 lbs	-133 lbs				
19-37	0.69	-4575 lbs	-4575 lbs	4-46	0.24	168 lbs	-39 lbs	14-24	0.03	509 lbs	-168 lbs				
8-37	0.78	-4575 lbs	-4575 lbs	32-46	0.29	168 lbs	-74 lbs	13-25	0.04	788 lbs	-259 lbs				
				5-32	0.09	167 lbs	-74 lbs	12-26	0.06	1010 lbs	-397 lbs				
								28-29	0.08	1250 lbs	-545 lbs				
								18-34	0.03	499 lbs	-78 lbs				

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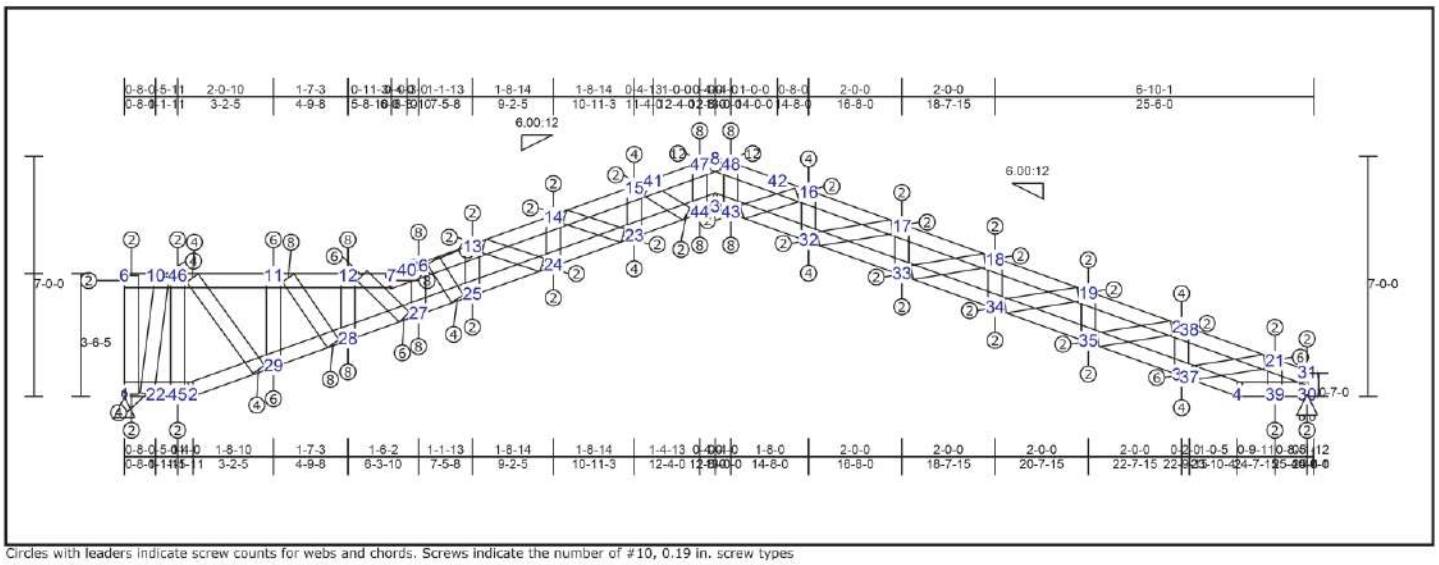
TRUSS TB58 (spacing 12 in)



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 (15 - 47)	TL(V): 0.62 in.	L / 242	(3-43)	L / 360
BC :	0.75 (27 - 25)	LL(V): 0.34 in.	L / 443	(3-43)	L / 360
Web :	0.53 (1 - 46)	DL(V): 0.28 in.	L / 534	(44-3)	L / 0
		Cant / OH TL: 0.34 in.	2L / 0	(3-43)	2L / 360
		Cant / OH LL: 0.34 in.	2L / 0	(3-43)	2L / 360
		Horiz TL: 0.3 in.		4	
		Web :			
		Snow/Wind -0.23 in.	L / 667	(44-3)	L / 360
		Cant (Snow/Wind) -0.23 in.	L / 0	(44-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-160 lbs	790 lbs	0 lbs	-190 lbs	-160 lbs
30	HRoll		0 lbs	800 lbs	0 lbs	-180 lbs	0 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
7-0-0	25-6-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-26	0.70	-4255 lbs	-4255 lbs	2-29	0.30	254 lbs	-103 lbs	1-6	0.04	320 lbs	-134 lbs	20-35	0.04	743 lbs	-265 lbs
13-26	0.61	-4255 lbs	-4255 lbs	28-29	0.52	1249 lbs	-491 lbs	15-23	0.17	-1151 lbs	-1151 lbs	21-37	0.13	1904 lbs	-843 lbs
13-14	0.42	-4408 lbs	-4408 lbs	27-28	0.59	2688 lbs	-1065 lbs	14-24	0.04	-266 lbs	-266 lbs	16-43	0.02	352 lbs	-90 lbs
14-15	0.48	-5183 lbs	-5183 lbs	25-27	0.75	4043 lbs	-1610 lbs	13-25	0.01	-92 lbs	-92 lbs	15-44	0.01	257 lbs	-41 lbs
15-47	0.78	-5252 lbs	-5252 lbs	24-25	0.50	4144 lbs	-1626 lbs	26-27	0.45	-3029 lbs	-3029 lbs	28-46	0.16	1532 lbs	-596 lbs
8-47	0.59	-3936 lbs	-3936 lbs	23-24	0.53	4563 lbs	-1715 lbs	12-28	0.39	-2583 lbs	-2583 lbs	1-46	0.53	-1600 lbs	-1600 lbs
6-46	0.27	-149 lbs	-149 lbs	23-44	0.61	5156 lbs	-1845 lbs	11-29	0.44	-2261 lbs	-2261 lbs	12-27	0.10	1701 lbs	-690 lbs
11-46	0.37	-860 lbs	-860 lbs	3-44	0.65	5156 lbs	-1811 lbs	30-31	0.07	-505 lbs	-505 lbs				
11-12	0.56	-2132 lbs	-2132 lbs	1-45	0.30	166 lbs	-63 lbs	18-32	0.13	-914 lbs	-914 lbs				
7-12	0.56	-3143 lbs	-3143 lbs	2-45	0.10	166 lbs	-57 lbs	17-33	0.03	-223 lbs	-223 lbs				
8-48	0.56	-4032 lbs	-4032 lbs	3-43	0.62	5085 lbs	-1734 lbs	18-34	0.08	-524 lbs	-524 lbs				
16-48	0.74	-5181 lbs	-5181 lbs	32-43	0.61	5085 lbs	-1734 lbs	19-35	0.09	-591 lbs	-591 lbs				
16-17	0.47	-5038 lbs	-5038 lbs	32-33	0.49	4525 lbs	-1531 lbs	20-36	0.15	-1048 lbs	-1048 lbs				
17-18	0.43	-4374 lbs	-4374 lbs	33-34	0.47	4124 lbs	-1517 lbs	21-39	0.08	-543 lbs	-543 lbs				
18-19	0.39	-3958 lbs	-3958 lbs	34-35	0.43	3526 lbs	-1404 lbs	45-46	0.08	282 lbs	-238 lbs				
19-20	0.29	-3161 lbs	-3161 lbs	35-36	0.34	2653 lbs	-1123 lbs	44-47	0.16	2892 lbs	-1092 lbs				
20-21	0.45	-2361 lbs	-2361 lbs	36-37	0.22	1603 lbs	-322 lbs	43-48	0.13	2501 lbs	-852 lbs				
21-31	0.28	-452 lbs	-452 lbs	4-37	0.26	1603 lbs	-710 lbs	14-23	0.02	469 lbs	-86 lbs				
9-31	0.09	-223 lbs	-223 lbs	4-39	0.12	0 lbs	0 lbs	13-24	0.01	217 lbs	-51 lbs				
				30-39	0.12	0 lbs	0 lbs	25-26	0.07	1196 lbs	-475 lbs				
				5-30	0.06	0 lbs	0 lbs	11-28	0.17	2877 lbs	-1136 lbs				
								17-32	0.02	386 lbs	-135 lbs				
								18-33	0.02	463 lbs	-160 lbs				
								19-34	0.04	779 lbs	-264 lbs				

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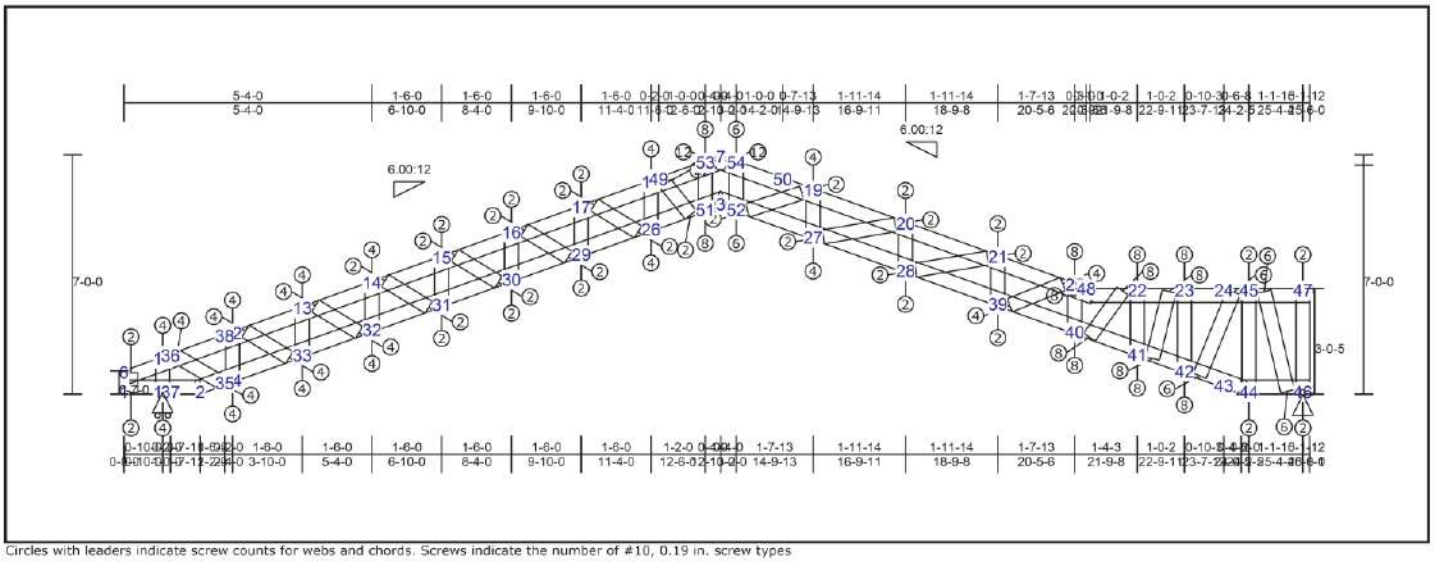
TRUSS TB59 (spacing 12 in)



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 (18 - 53)	TL(V): 0.55 in.	L / 274	(3-52)	L / 360
BC :	0.65 (51 - 3)	LL(V): 0.3 in.	L / 504	(3-52)	L / 360
Web :	0.44 (40 - 25)	DL(V): 0.25 in.	L / 601	(51-3)	L / 0
		Cant / OH TL: 0.3 in.	2L / 0	(3-52)	2L / 360
		Cant / OH LL: 0.3 in.	2L / 0	(3-52)	2L / 360
		Horiz TL: -0.29 in.		2	
		Web :			
		Snow/Wind -0.21 in.	L / 715	(3-52)	L / 360
		Cant (Snow/Wind) -0.21 in.	L / 0	(3-52)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
10	HRoll		0 lbs	820 lbs	0 lbs	-180 lbs	0 lbs
46	Pin		150 lbs	770 lbs	0 lbs	-170 lbs	150 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
7-0-0	25-6-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-22	0.40	-2500 lbs	-2500 lbs	2-35	0.18	533 lbs	-226 lbs	10-11	0.17	-1131 lbs	-1131 lbs	13-32	0.05	883 lbs	-314 lbs
22-23	0.38	-1284 lbs	-1284 lbs	34-35	0.20	533 lbs	-96 lbs	1-6	0.01	170 lbs	-70 lbs	12-33	0.07	1137 lbs	-460 lbs
23-45	0.37	-854 lbs	-854 lbs	33-34	0.22	1568 lbs	-659 lbs	19-27	0.12	-828 lbs	-828 lbs	35-36	0.07	1119 lbs	-479 lbs
45-47	0.30	-271 lbs	-271 lbs	32-33	0.29	2393 lbs	-971 lbs	20-28	0.04	-273 lbs	-273 lbs	21-28	0.02	319 lbs	-98 lbs
9-47	0.08	0 lbs	0 lbs	31-32	0.36	3089 lbs	-1187 lbs	18-26	0.19	-1317 lbs	-1317 lbs	25-39	0.06	900 lbs	-389 lbs
7-54	0.52	-3852 lbs	-3852 lbs	30-31	0.41	3602 lbs	-1310 lbs	17-29	0.05	-363 lbs	-363 lbs	23-41	0.16	2471 lbs	-1033 lbs
19-54	0.68	-4884 lbs	-4884 lbs	29-30	0.43	3970 lbs	-1397 lbs	16-30	0.07	-508 lbs	-508 lbs	42-45	0.16	2068 lbs	-844 lbs
19-20	0.44	-4761 lbs	-4761 lbs	26-29	0.46	4344 lbs	-1543 lbs	15-31	0.10	-694 lbs	-694 lbs	45-46	0.41	-1630 lbs	-1630 lbs
20-21	0.41	-4133 lbs	-4133 lbs	26-51	0.61	4945 lbs	-1775 lbs	14-32	0.13	-862 lbs	-862 lbs	19-52	0.01	264 lbs	-42 lbs
21-25	0.48	-3806 lbs	-3806 lbs	3-51	0.65	4945 lbs	-1775 lbs	13-33	0.15	-1051 lbs	-1051 lbs	18-51	0.02	383 lbs	-84 lbs
8-25	0.53	-3296 lbs	-3296 lbs	1-10	0.07	0 lbs	0 lbs	12-34	0.19	-1289 lbs	-1289 lbs	22-40	0.17	2637 lbs	-1126 lbs
6-11	0.18	-413 lbs	-413 lbs	2-10	0.07	0 lbs	0 lbs	21-39	0.01	-99 lbs	-99 lbs				
11-36	0.16	-413 lbs	-413 lbs	3-52	0.62	4792 lbs	-1773 lbs	25-40	0.44	-2993 lbs	-2993 lbs				
12-36	0.19	-1421 lbs	-1421 lbs	27-52	0.61	4792 lbs	-1827 lbs	22-41	0.40	-2625 lbs	-2625 lbs				
12-13	0.24	-2315 lbs	-2315 lbs	27-28	0.55	4290 lbs	-1727 lbs	23-42	0.40	-2464 lbs	-2464 lbs				
13-14	0.29	-3021 lbs	-3021 lbs	28-39	0.50	3864 lbs	-1632 lbs	46-47	0.04	416 lbs	-165 lbs				
14-15	0.34	-3586 lbs	-3586 lbs	39-40	0.63	3576 lbs	-1536 lbs	44-45	0.04	-149 lbs	-149 lbs				
15-16	0.38	-4001 lbs	-4001 lbs	40-41	0.53	1727 lbs	-745 lbs	51-53	0.16	3011 lbs	-1080 lbs				
16-17	0.40	-4270 lbs	-4270 lbs	41-42	0.41	1208 lbs	-525 lbs	52-54	0.13	2241 lbs	-899 lbs				
17-18	0.47	-5036 lbs	-5036 lbs	4-42	0.38	469 lbs	-223 lbs	20-27	0.02	388 lbs	-69 lbs				
18-53	0.78	-5039 lbs	-5039 lbs	4-44	0.12	245 lbs	-128 lbs	17-26	0.03	533 lbs	-208 lbs				
7-53	0.56	-3675 lbs	-3675 lbs	44-46	0.32	245 lbs	-128 lbs	16-29	0.02	350 lbs	-134 lbs				
				5-46	0.23	149 lbs	-53 lbs	15-30	0.03	553 lbs	-202 lbs				
								14-31	0.04	721 lbs	-257 lbs				

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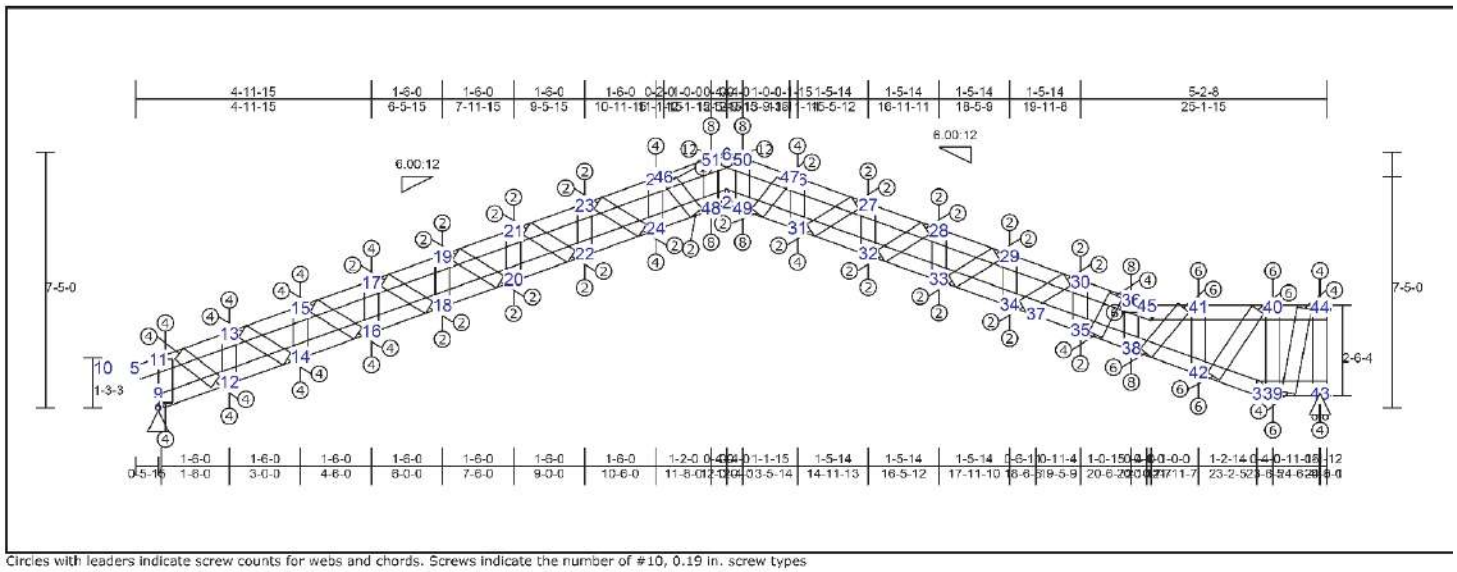
TRUSS TB60(spacing 12 in)



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 :	0.74 (50 - 26)	TL(V): 0.51 in.	L / 293	(2-49)	L / 360
BC :	0.80 (48 - 2)	LL(V): 0.28 in.	L / 536	(2-49)	L / 360
Web :	0.43 (38 - 36)	DL(V): 0.23 in.	L / 684	(48-2)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(2-49)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(2-49)	2L / 360
		Horiz TL: 0.28 in.		4	
		Web :			
		Snow/Wind -0.23 in.	L / 880	(48-2)	L / 360
		Cant (Snow/Wind) -0.23 in.	L / 0	(48-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		140 lbs	800 lbs	0 lbs	-160 lbs	140 lbs
43	HRoll		0 lbs	770 lbs	0 lbs	-160 lbs	0 lbs
44	NA		0 lbs	770 lbs	0 lbs	-160 lbs	0 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
7-4-3	25-2-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
5-11	0.01	13 lbs	0 lbs	1-12	0.22	405 lbs	-347 lbs	1-11	0.13	-909 lbs	-909 lbs	19-20	0.03	585 lbs	-219 lbs
11-13	0.22	-1358 lbs	-1358 lbs	12-14	0.29	1508 lbs	-904 lbs	12-13	0.22	-1468 lbs	-1468 lbs	21-22	0.02	385 lbs	-115 lbs
13-15	0.23	-2246 lbs	-2246 lbs	14-16	0.39	2345 lbs	-1312 lbs	14-15	0.18	-1068 lbs	-1068 lbs	23-24	0.03	548 lbs	-159 lbs
15-17	0.29	-2973 lbs	-2973 lbs	16-18	0.48	3045 lbs	-1630 lbs	16-17	0.13	-900 lbs	-900 lbs	27-31	0.04	471 lbs	-248 lbs
17-19	0.34	-3562 lbs	-3562 lbs	18-20	0.57	3603 lbs	-1855 lbs	18-19	0.11	-729 lbs	-729 lbs	28-32	0.02	308 lbs	-152 lbs
19-21	0.38	-4002 lbs	-4002 lbs	20-22	0.61	4000 lbs	-1981 lbs	20-21	0.08	-543 lbs	-543 lbs	29-33	0.03	523 lbs	-228 lbs
21-23	0.40	-4299 lbs	-4299 lbs	22-24	0.63	4396 lbs	-2068 lbs	22-23	0.08	-398 lbs	-398 lbs	30-34	0.04	646 lbs	-261 lbs
23-25	0.46	-5071 lbs	-5071 lbs	24-48	0.73	5002 lbs	-2246 lbs	24-25	0.19	-1315 lbs	-1315 lbs	35-36	0.08	1338 lbs	-545 lbs
25-51	0.73	-5079 lbs	-5079 lbs	2-46	0.80	5002 lbs	-2240 lbs	26-31	0.18	-1211 lbs	-1211 lbs	40-42	0.14	2214 lbs	-927 lbs
6-51	0.55	-3837 lbs	-3837 lbs	2-49	0.78	5035 lbs	-2172 lbs	27-32	0.05	-322 lbs	-322 lbs	39-44	0.12	1593 lbs	-683 lbs
6-50	0.55	-3814 lbs	-3814 lbs	31-49	0.73	5035 lbs	-2172 lbs	28-33	0.07	-464 lbs	-464 lbs	25-48	0.01	273 lbs	-59 lbs
26-50	0.74	-5095 lbs	-5095 lbs	31-32	0.57	4485 lbs	-1897 lbs	28-34	0.10	-668 lbs	-668 lbs	26-49	0.02	301 lbs	-124 lbs
26-27	0.46	-5095 lbs	-5095 lbs	32-33	0.53	4156 lbs	-1727 lbs	30-35	0.08	-576 lbs	-576 lbs	38-41	0.13	2046 lbs	-848 lbs
27-28	0.41	-4403 lbs	-4403 lbs	33-34	0.48	3626 lbs	-1574 lbs	36-38	0.43	-2915 lbs	-2915 lbs				
28-29	0.39	-4172 lbs	-4172 lbs	34-35	0.40	3313 lbs	-1359 lbs	41-42	0.36	-2402 lbs	-2402 lbs				
29-30	0.37	-3793 lbs	-3793 lbs	35-38	0.53	2940 lbs	-1214 lbs	39-40	0.30	-1718 lbs	-1718 lbs				
30-36	0.43	-3266 lbs	-3266 lbs	38-42	0.43	1637 lbs	-683 lbs	43-44	0.20	-1158 lbs	-1158 lbs				
7-36	0.50	-3171 lbs	-3171 lbs	3-42	0.42	432 lbs	-183 lbs	48-51	0.19	2736 lbs	-1321 lbs				
7-41	0.39	-2225 lbs	-2225 lbs	3-39	0.25	212 lbs	-91 lbs	49-50	0.17	2824 lbs	-1179 lbs				
40-41	0.39	-1171 lbs	-1171 lbs	39-43	0.27	212 lbs	-91 lbs	11-12	0.09	1191 lbs	-605 lbs				
40-44	0.31	-212 lbs	-212 lbs	4-43	0.08	0 lbs	0 lbs	13-14	0.08	1132 lbs	-567 lbs				
8-44	0.22	0 lbs	0 lbs					15-16	0.08	915 lbs	-434 lbs				
								17-18	0.05	753 lbs	-328 lbs				

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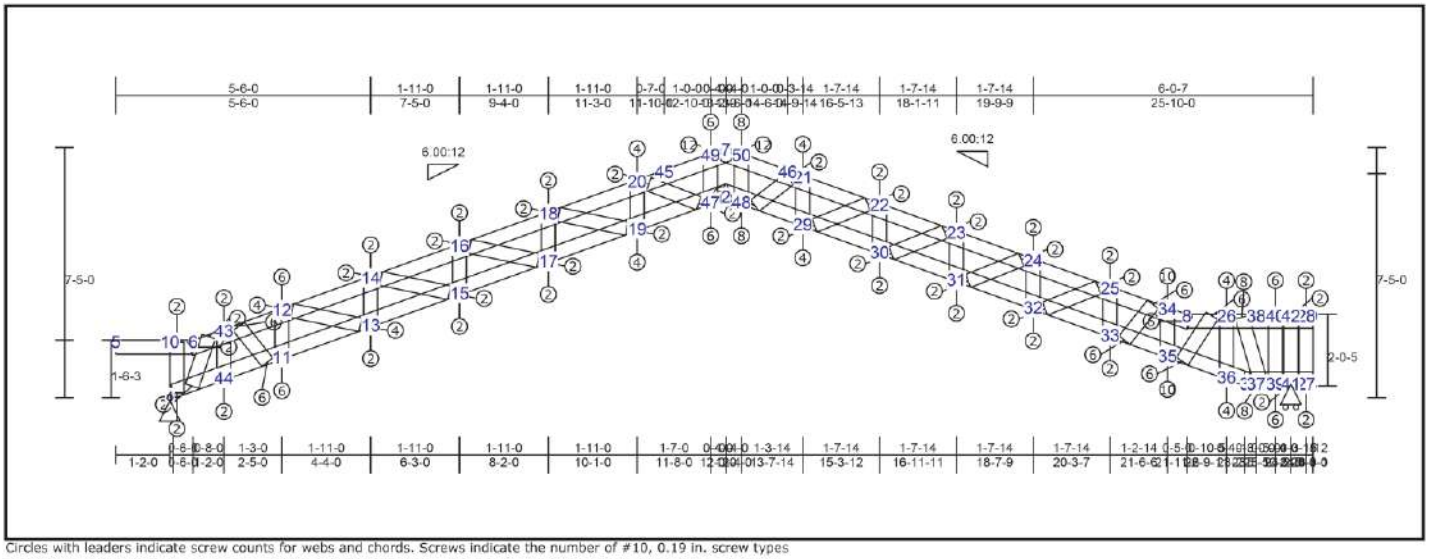
TRUSS TB61(spacing 12 in)



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 (50 - 21)	TL(V): 0.51 in.	L / 293	(2-48)	L / 360
BC :	0.71 (2 - 48)	LL(V): 0.28 in.	L / 537	(2-48)	L / 360
Web :	0.53 (35 - 34)	DL(V): 0.23 in.	L / 647	(2-48)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(2-48)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(2-48)	2L / 360
		Horiz TL: 0.28 in.		4	
		Web :			
		Snow/Wind -0.22 in.	L / 722	(47-2)	L / 360
		Cant (Snow/Wind) -0.22 in.	L / 0	(47-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		110 lbs	830 lbs	0 lbs	-200 lbs	110 lbs
41	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 lbs
42	NA		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	25-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
5-10	0.02	0 lbs	0 lbs	1-44	0.18	-270 lbs	-270 lbs
6-10	0.04	0 lbs	0 lbs	11-44	0.30	523 lbs	-363 lbs
6-43	0.27	-707 lbs	-707 lbs	11-13	0.37	2259 lbs	-1219 lbs
12-43	0.45	-1613 lbs	-1613 lbs	13-15	0.48	3091 lbs	-1582 lbs
12-14	0.29	-2801 lbs	-2801 lbs	15-17	0.55	3694 lbs	-1799 lbs
14-16	0.33	-3516 lbs	-3516 lbs	17-19	0.60	4132 lbs	-1897 lbs
16-18	0.39	-3958 lbs	-3958 lbs	19-47	0.68	4711 lbs	-2029 lbs
18-20	0.43	-4651 lbs	-4651 lbs	2-47	0.71	4711 lbs	-1998 lbs
20-49	0.68	-4799 lbs	-4799 lbs	2-48	0.71	4807 lbs	-1969 lbs
7-49	0.52	-3740 lbs	-3740 lbs	29-48	0.68	4807 lbs	-1969 lbs
7-50	0.54	-3631 lbs	-3631 lbs	29-30	0.52	4269 lbs	-1703 lbs
21-50	0.73	-4879 lbs	-4879 lbs	30-31	0.46	3908 lbs	-1524 lbs
21-22	0.44	-4843 lbs	-4843 lbs	31-32	0.42	3501 lbs	-1397 lbs
22-23	0.39	-4144 lbs	-4144 lbs	32-33	0.36	2870 lbs	-1205 lbs
23-24	0.37	-3872 lbs	-3872 lbs	33-35	0.67	2187 lbs	-962 lbs
24-25	0.32	-3363 lbs	-3363 lbs	35-36	0.58	1062 lbs	-475 lbs
25-34	0.42	-2713 lbs	-2713 lbs	3-36	0.17	1062 lbs	-475 lbs
8-34	0.52	-2346 lbs	-2346 lbs	3-39	0.44	648 lbs	-290 lbs
8-26	0.38	-1348 lbs	-1348 lbs	39-41	0.44	0 lbs	0 lbs
26-40	0.41	-648 lbs	-648 lbs	27-41	0.21	0 lbs	0 lbs
40-42	0.41	0 lbs	0 lbs	4-27	0.15	0 lbs	0 lbs
28-42	0.25	0 lbs	0 lbs				
9-28	0.15	0 lbs	0 lbs				

Web			
11-12	0.27	-1820 lbs	-1820 lbs
13-14	0.10	-693 lbs	-693 lbs
15-16	0.08	-533 lbs	-533 lbs
17-18	0.04	-273 lbs	-273 lbs
19-20	0.14	-943 lbs	-943 lbs
1-10	0.03	214 lbs	-206 lbs
27-28	0.12	-778 lbs	-778 lbs
21-29	0.16	-1105 lbs	-1105 lbs
22-30	0.04	-262 lbs	-262 lbs
23-31	0.07	-475 lbs	-475 lbs
24-32	0.10	-664 lbs	-664 lbs
25-33	0.10	-651 lbs	-651 lbs
34-35	0.53	-3593 lbs	-3593 lbs
26-36	0.08	1239 lbs	-558 lbs
39-40	0.16	2317 lbs	-1031 lbs
41-42	0.05	-304 lbs	-304 lbs
43-44	0.07	-447 lbs	-447 lbs
47-49	0.16	2306 lbs	-1052 lbs
48-50	0.16	2742 lbs	-1099 lbs
12-13	0.09	1246 lbs	-602 lbs
14-15	0.04	700 lbs	-291 lbs
16-17	0.02	488 lbs	-158 lbs
18-19	0.02	422 lbs	-118 lbs

Web			
22-29	0.03	424 lbs	-212 lbs
23-30	0.02	334 lbs	-157 lbs
24-31	0.04	582 lbs	-244 lbs
25-32	0.04	680 lbs	-274 lbs
33-34	0.11	1692 lbs	-717 lbs
26-35	0.11	1640 lbs	-712 lbs
26-39	0.48	-3150 lbs	-3150 lbs
1-43	0.11	-728 lbs	-728 lbs
11-43	0.13	1791 lbs	-902 lbs
20-47	0.01	287 lbs	-68 lbs
21-48	0.02	304 lbs	-124 lbs

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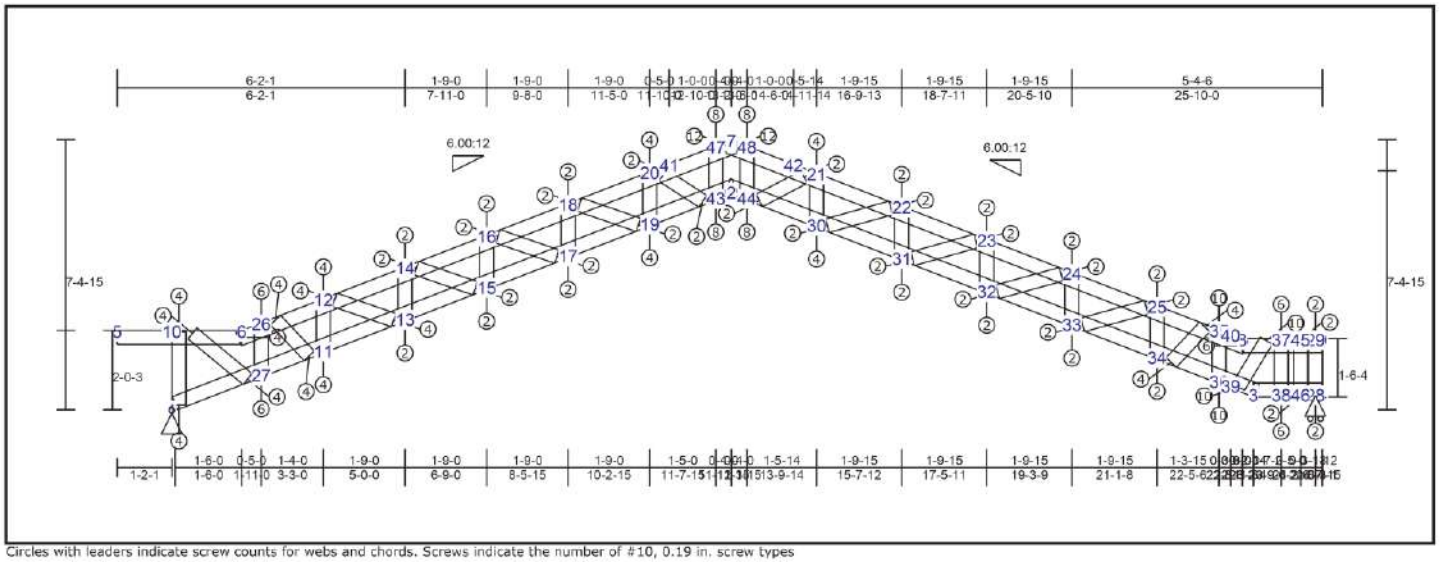
TRUSS TB62(spacing 12 in)



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 (20 - 47)	TL(V): 0.53 in.	L / 302	(43-2)	L / 360
BC :	0.71 (43 - 2)	LL(V): 0.28 in.	L / 558	(43-2)	L / 360
Web :	0.55 (36 - 35)	DL(V): 0.24 in.	L / 624	(2-44)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(43-2)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(43-2)	2L / 360
		Horiz TL: 0.27 in.		3	
		Web :			
		Snow/Wind -0.22 in.	L / 727	(43-2)	L / 360
		Cant (Snow/Wind) -0.22 in.	L / 0	(43-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-90 lbs	840 lbs	0 lbs	-190 lbs	-90 lbs
28	HRoll		0 lbs	770 lbs	0 lbs	-140 lbs	0 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
7-4-3	25-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-26	0.28	-1672 lbs	-1672 lbs	1-27	0.31	453 lbs	-310 lbs	1-10	0.14	-907 lbs	-907 lbs
12-26	0.24	-2262 lbs	-2262 lbs	11-27	0.35	1590 lbs	-849 lbs	11-12	0.13	-905 lbs	-905 lbs
12-14	0.30	-3099 lbs	-3099 lbs	11-13	0.38	2556 lbs	-1305 lbs	13-14	0.10	-710 lbs	-710 lbs
14-16	0.35	-3726 lbs	-3726 lbs	13-15	0.49	3303 lbs	-1619 lbs	15-16	0.08	-533 lbs	-533 lbs
16-18	0.39	-4091 lbs	-4091 lbs	15-17	0.55	3815 lbs	-1790 lbs	17-18	0.04	-294 lbs	-294 lbs
18-20	0.45	-4847 lbs	-4847 lbs	17-19	0.59	4247 lbs	-1881 lbs	19-20	0.16	-1111 lbs	-1111 lbs
20-47	0.72	-4941 lbs	-4941 lbs	19-43	0.68	4847 lbs	-2026 lbs	26-27	0.30	-2060 lbs	-2060 lbs
7-47	0.54	-3757 lbs	-3757 lbs	2-43	0.71	4847 lbs	-1999 lbs	28-29	0.00	-32 lbs	-32 lbs
5-10	0.02	0 lbs	0 lbs	2-44	0.69	4852 lbs	-1932 lbs	21-30	0.14	-955 lbs	-955 lbs
6-10	0.22	-1001 lbs	-1001 lbs	30-44	0.67	4852 lbs	-1932 lbs	22-31	0.03	-216 lbs	-216 lbs
7-48	0.54	-3766 lbs	-3766 lbs	30-31	0.53	4340 lbs	-1686 lbs	23-32	0.07	-469 lbs	-469 lbs
21-48	0.72	-4927 lbs	-4927 lbs	31-32	0.46	3986 lbs	-1523 lbs	24-33	0.10	-659 lbs	-659 lbs
21-22	0.44	-4851 lbs	-4851 lbs	32-33	0.42	3521 lbs	-1383 lbs	25-34	0.02	-150 lbs	-150 lbs
22-23	0.41	-4209 lbs	-4209 lbs	33-34	0.35	2764 lbs	-1145 lbs	35-36	0.55	-3692 lbs	-3692 lbs
23-24	0.37	-3900 lbs	-3900 lbs	34-36	0.66	2245 lbs	-965 lbs	37-38	0.29	-1948 lbs	-1948 lbs
24-25	0.31	-3270 lbs	-3270 lbs	36-39	0.56	401 lbs	-171 lbs	45-46	0.01	146 lbs	-65 lbs
25-35	0.59	-2566 lbs	-2566 lbs	3-39	0.50	481 lbs	-208 lbs	43-47	0.17	2594 lbs	-1152 lbs
8-35	0.67	-2336 lbs	-2336 lbs	3-38	0.39	0 lbs	0 lbs	44-48	0.15	2540 lbs	-991 lbs
8-37	0.48	-1425 lbs	-1425 lbs	38-46	0.39	0 lbs	0 lbs	12-13	0.06	872 lbs	-401 lbs
37-45	0.35	0 lbs	0 lbs	28-46	0.21	0 lbs	0 lbs	14-15	0.04	666 lbs	-265 lbs
29-45	0.03	0 lbs	0 lbs	4-28	0.14	0 lbs	0 lbs	16-17	0.02	422 lbs	-121 lbs
9-29	0.00	0 lbs	0 lbs					18-19	0.02	463 lbs	-116 lbs
								11-26	0.09	1241 lbs	-597 lbs
								22-30	0.03	365 lbs	-172 lbs

Web			
23-31	0.02	362 lbs	-156 lbs
24-32	0.04	880 lbs	-261 lbs
25-33	0.04	844 lbs	-241 lbs
34-35	0.07	1124 lbs	-473 lbs
37-39	0.21	3356 lbs	-1447 lbs
10-27	0.10	1461 lbs	-695 lbs
21-44	0.02	316 lbs	-116 lbs
20-43	0.01	285 lbs	-49 lbs

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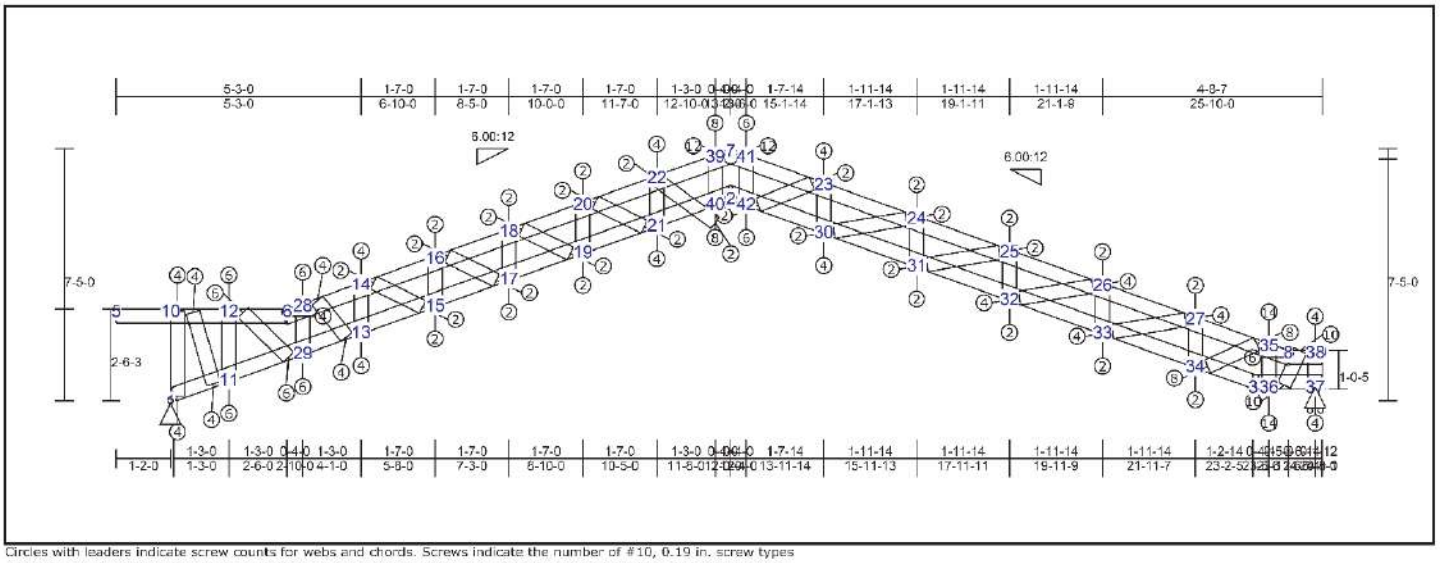
TRUSS TB63(spacing 12 in)



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 (22 - 39)	TL(V): 0.64 in.	L / 236	(2-42)	L / 360
BC :	0.86 (33 - 34)	LL(V): 0.35 in.	L / 432	(2-42)	L / 360
Web :	0.77 (38 - 35)	DL(V): 0.29 in.	L / 518	(2-42)	L / 0
		Cant / OH TL: 0.35 in.	2L / 0	(2-42)	2L / 360
		Cant / OH LL: 0.35 in.	2L / 0	(2-42)	2L / 360
		Horiz TL: 0.26 in.		34	
		Web :			
		Snow/Wind -0.26 in.	L / 589	(2-42)	L / 360
		Cant (Snow/Wind) -0.26 in.	L / 0	(2-42)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	840 lbs	0 lbs	-210 lbs	-120 lbs
37	HRoll		0 lbs	770 lbs	0 lbs	-170 lbs	0 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
7-4-3	25-10-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-38	0.46	-1031 lbs	-1031 lbs	1-11	0.29	-320 lbs	-320 lbs	1-10	0.18	-972 lbs	-972 lbs	10-11	0.10	1446 lbs	-686 lbs
9-38	0.22	0 lbs	0 lbs	11-29	0.36	873 lbs	-485 lbs	11-12	0.28	-1875 lbs	-1875 lbs	24-30	0.03	389 lbs	-174 lbs
7-41	0.52	-3802 lbs	-3802 lbs	13-29	0.41	2043 lbs	-1047 lbs	13-14	0.12	-845 lbs	-845 lbs	25-31	0.02	376 lbs	-157 lbs
23-41	0.68	-4851 lbs	-4851 lbs	13-15	0.41	2805 lbs	-1360 lbs	15-16	0.11	-733 lbs	-733 lbs	26-32	0.08	1090 lbs	-408 lbs
23-24	0.45	-4764 lbs	-4764 lbs	15-17	0.49	3432 lbs	-1626 lbs	17-18	0.08	-531 lbs	-531 lbs	27-33	0.17	-1162 lbs	-1162 lbs
24-25	0.41	-4130 lbs	-4130 lbs	17-19	0.54	3858 lbs	-1751 lbs	19-20	0.05	-317 lbs	-317 lbs	34-35	0.17	2667 lbs	-1177 lbs
25-26	0.40	-3764 lbs	-3764 lbs	19-21	0.56	4226 lbs	-1821 lbs	21-22	0.19	-1279 lbs	-1279 lbs	36-38	0.21	3265 lbs	-1486 lbs
26-27	0.37	-3408 lbs	-3408 lbs	21-40	0.66	4875 lbs	-1971 lbs	28-29	0.36	-2430 lbs	-2430 lbs	23-42	0.02	345 lbs	-108 lbs
27-35	0.61	-3714 lbs	-3714 lbs	2-40	0.70	4875 lbs	-1942 lbs	23-30	0.12	-839 lbs	-839 lbs				
8-35	0.70	-2342 lbs	-2342 lbs	2-42	0.65	4770 lbs	-1839 lbs	24-31	0.03	-218 lbs	-218 lbs				
6-28	0.34	-2241 lbs	-2241 lbs	30-42	0.64	4770 lbs	-1839 lbs	25-32	0.08	-513 lbs	-513 lbs				
14-28	0.28	-2674 lbs	-2674 lbs	30-31	0.51	4297 lbs	-1818 lbs	28-33	0.09	-635 lbs	-635 lbs				
14-16	0.33	-3348 lbs	-3348 lbs	31-32	0.44	3894 lbs	-1441 lbs	27-34	0.05	627 lbs	-307 lbs				
16-18	0.36	-3847 lbs	-3847 lbs	32-33	0.39	3369 lbs	-1314 lbs	35-36	0.77	-5199 lbs	-5199 lbs				
18-20	0.39	-4141 lbs	-4141 lbs	33-34	0.86	3411 lbs	-1521 lbs	37-38	0.17	-1133 lbs	-1133 lbs				
20-22	0.44	-4975 lbs	-4975 lbs	3-34	0.85	3411 lbs	-1521 lbs	39-40	0.18	2869 lbs	-1214 lbs				
22-39	0.75	-4975 lbs	-4975 lbs	3-36	0.67	1031 lbs	-483 lbs	41-42	0.13	2285 lbs	-865 lbs				
7-39	0.55	-3668 lbs	-3668 lbs	36-37	0.67	1031 lbs	-483 lbs	22-40	0.01	297 lbs	-33 lbs				
5-10	0.02	0 lbs	0 lbs	4-37	0.07	0 lbs	0 lbs	14-15	0.05	780 lbs	-332 lbs				
10-12	0.27	-293 lbs	-293 lbs					16-17	0.03	603 lbs	-220 lbs				
6-12	0.31	-1500 lbs	-1500 lbs					18-19	0.02	378 lbs	-95 lbs				
								20-21	0.02	456 lbs	-101 lbs				
								12-29	0.14	2032 lbs	-973 lbs				
								13-28	0.08	1228 lbs	-573 lbs				

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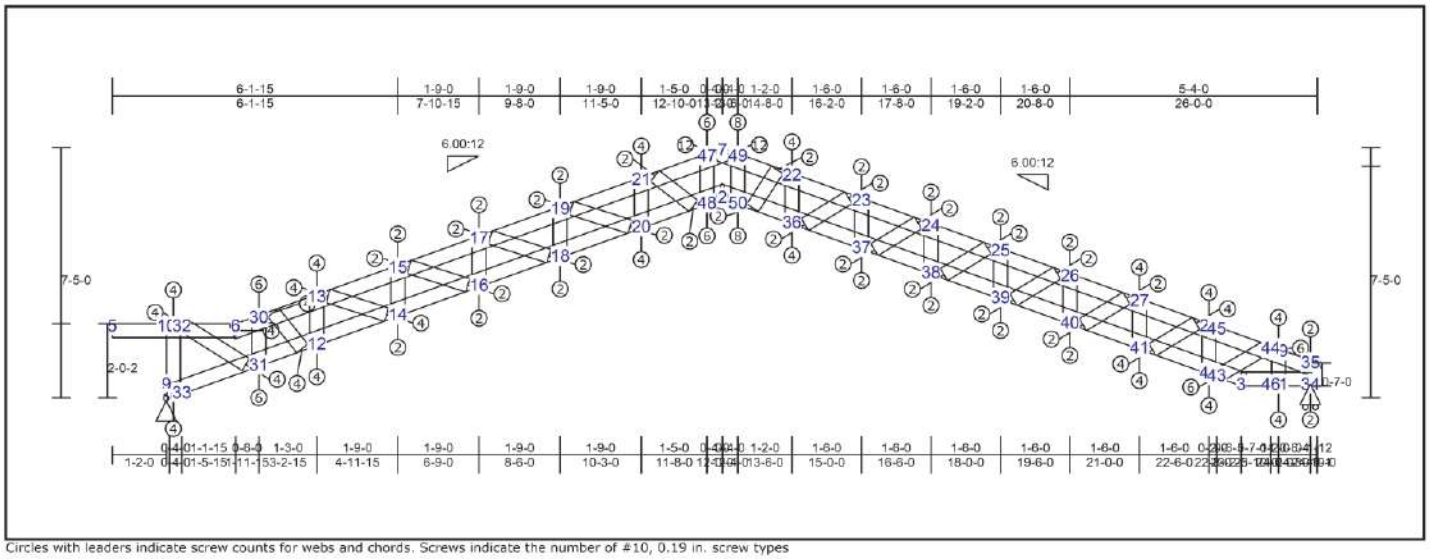
TRUSS TB64(spacing 12 in)



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 (49 - 22)	TL(V): 0.51 in.	L / 295	(2-50)	L / 360
BC :	0.67 (2 - 50)	LL(V): 0.28 in.	L / 540	(2-50)	L / 360
Web :	0.32 (31 - 30)	DL(V): 0.23 in.	L / 650	(2-50)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(2-50)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(2-50)	2L / 360
		Horiz TL: 0.28 in.		3	
		Web :			
		Snow/Wind -0.2 in.	L / 743	(2-50)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(2-50)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	840 lbs	0 lbs	-210 lbs	-130 lbs
34	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	26-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-30	0.35	-1844 lbs	-1844 lbs	1-31	0.32	571 lbs	-349 lbs	1-10	0.13	-847 lbs	-847 lbs	24-37	0.02	297 lbs	-119 lbs
13-30	0.28	-2262 lbs	-2262 lbs	12-31	0.36	1620 lbs	-847 lbs	12-13	0.12	-814 lbs	-814 lbs	25-38	0.03	476 lbs	-185 lbs
13-15	0.31	-3102 lbs	-3102 lbs	12-14	0.37	2543 lbs	-1261 lbs	14-15	0.11	-721 lbs	-721 lbs	26-39	0.04	648 lbs	-242 lbs
15-17	0.35	-3731 lbs	-3731 lbs	14-16	0.47	3298 lbs	-1564 lbs	16-17	0.08	-528 lbs	-528 lbs	27-40	0.04	806 lbs	-294 lbs
17-19	0.39	-4108 lbs	-4108 lbs	16-18	0.53	3808 lbs	-1720 lbs	18-19	0.05	-321 lbs	-321 lbs	28-41	0.05	919 lbs	-348 lbs
19-21	0.46	-4871 lbs	-4871 lbs	18-20	0.56	4279 lbs	-1801 lbs	20-21	0.16	-1068 lbs	-1068 lbs	43-44	0.11	1787 lbs	-771 lbs
21-47	0.69	-4928 lbs	-4928 lbs	20-48	0.62	4825 lbs	-1917 lbs	30-31	0.32	-2160 lbs	-2160 lbs	21-48	0.01	297 lbs	-36 lbs
7-47	0.53	-3839 lbs	-3839 lbs	2-48	0.67	4825 lbs	-1887 lbs	11-29	0.17	-1139 lbs	-1139 lbs	22-50	0.02	404 lbs	-136 lbs
5-10	0.02	0 lbs	0 lbs	2-50	0.67	4984 lbs	-1867 lbs	34-35	0.02	-168 lbs	-168 lbs	10-31	0.11	1508 lbs	-719 lbs
6-10	0.22	-1138 lbs	-1138 lbs	36-50	0.63	4984 lbs	-1868 lbs	22-36	0.17	-1151 lbs	-1151 lbs				
7-49	0.56	-3700 lbs	-3700 lbs	36-37	0.49	4466 lbs	-1652 lbs	23-37	0.05	-349 lbs	-349 lbs				
22-49	0.76	-5064 lbs	-5064 lbs	37-38	0.46	4133 lbs	-1506 lbs	24-38	0.06	-427 lbs	-427 lbs				
22-23	0.46	-5064 lbs	-5064 lbs	38-39	0.42	3828 lbs	-1382 lbs	25-39	0.09	-616 lbs	-616 lbs				
23-24	0.40	-4392 lbs	-4392 lbs	39-40	0.39	3361 lbs	-1280 lbs	26-40	0.12	-795 lbs	-795 lbs				
24-25	0.39	-4172 lbs	-4172 lbs	40-41	0.33	2744 lbs	-1102 lbs	27-41	0.13	-893 lbs	-893 lbs				
25-26	0.36	-3824 lbs	-3824 lbs	41-42	0.26	2020 lbs	-847 lbs	28-42	0.22	-1488 lbs	-1488 lbs				
26-27	0.32	-3322 lbs	-3322 lbs	42-43	0.23	983 lbs	-187 lbs	47-48	0.15	2388 lbs	-1046 lbs				
27-28	0.24	-2677 lbs	-2677 lbs	3-43	0.25	983 lbs	-425 lbs	49-50	0.16	2997 lbs	-1095 lbs				
28-44	0.39	-1941 lbs	-1941 lbs	3-11	0.25	0 lbs	0 lbs	13-14	0.06	868 lbs	-380 lbs				
29-44	0.30	-568 lbs	-568 lbs	11-34	0.25	0 lbs	0 lbs	15-16	0.04	670 lbs	-252 lbs				
29-35	0.23	-568 lbs	-568 lbs	4-34	0.12	0 lbs	0 lbs	17-18	0.02	422 lbs	-109 lbs				
8-35	0.03	-72 lbs	-72 lbs					19-20	0.03	504 lbs	-94 lbs				
								12-30	0.08	1196 lbs	-562 lbs				
								23-36	0.03	535 lbs	-211 lbs				

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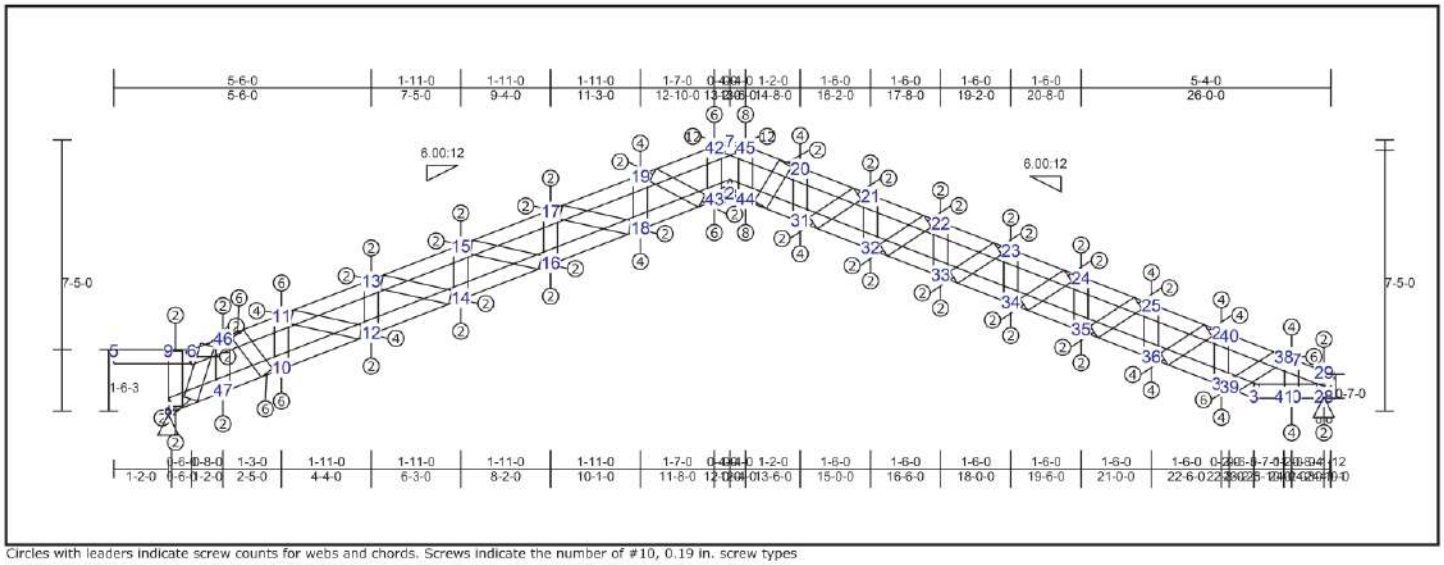
TRUSS TB65(spacing 12 in)



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 (45 - 20)	TL(V): 0.52 in.	L / 292	(2-44)	L / 360
BC :	0.69 (2 - 44)	LL(V): 0.28 in.	L / 535	(2-44)	L / 360
Web :	0.27 (10 - 11)	DL(V): 0.23 in.	L / 678	(43-2)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(2-44)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(2-44)	2L / 360
		Horiz TL: 0.28 in.		3	
		Web :			
		Snow/Wind -0.21 in.	L / 772	(43-2)	L / 360
		Cant (Snow/Wind) -0.21 in.	L / 0	(43-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	840 lbs	0 lbs	-210 lbs	-120 lbs
28	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	26-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-46	0.28	-717 lbs	-717 lbs	1-47	0.19	-292 lbs	-292 lbs	1-9	0.03	208 lbs	-206 lbs	23-33	0.03	476 lbs	-187 lbs
11-46	0.45	-1636 lbs	-1636 lbs	10-47	0.31	513 lbs	-328 lbs	10-11	0.27	-1845 lbs	-1845 lbs	24-34	0.04	649 lbs	-244 lbs
11-13	0.29	-2843 lbs	-2843 lbs	10-12	0.35	2275 lbs	-1165 lbs	12-13	0.10	-705 lbs	-705 lbs	25-35	0.04	807 lbs	-296 lbs
13-15	0.34	-3573 lbs	-3573 lbs	12-14	0.46	3123 lbs	-1515 lbs	14-15	0.08	-542 lbs	-542 lbs	26-36	0.05	920 lbs	-349 lbs
15-17	0.39	-4035 lbs	-4035 lbs	14-16	0.52	3738 lbs	-1719 lbs	16-17	0.04	-298 lbs	-298 lbs	38-39	0.11	1787 lbs	-772 lbs
17-19	0.45	-4776 lbs	-4776 lbs	16-18	0.57	4229 lbs	-1809 lbs	18-19	0.14	-958 lbs	-958 lbs	19-43	0.02	316 lbs	-26 lbs
19-42	0.68	-4897 lbs	-4897 lbs	18-43	0.64	4790 lbs	-1920 lbs	28-29	0.02	-168 lbs	-168 lbs	20-44	0.02	399 lbs	-139 lbs
7-42	0.52	-3875 lbs	-3875 lbs	2-43	0.66	4790 lbs	-1881 lbs	27-30	0.17	-1139 lbs	-1139 lbs	1-46	0.11	-740 lbs	-740 lbs
7-45	0.57	-3672 lbs	-3672 lbs	2-44	0.69	5003 lbs	-1887 lbs	20-31	0.17	-1176 lbs	-1176 lbs	10-46	0.13	1815 lbs	-884 lbs
20-45	0.77	-5083 lbs	-5083 lbs	31-44	0.64	5003 lbs	-1888 lbs	21-32	0.05	-349 lbs	-349 lbs				
20-21	0.47	-5083 lbs	-5083 lbs	31-32	0.50	4474 lbs	-1665 lbs	22-33	0.06	-427 lbs	-427 lbs				
21-22	0.40	-4396 lbs	-4396 lbs	32-33	0.46	4136 lbs	-1515 lbs	23-34	0.09	-617 lbs	-617 lbs				
22-23	0.39	-4175 lbs	-4175 lbs	33-34	0.43	3831 lbs	-1390 lbs	24-35	0.12	-795 lbs	-795 lbs				
23-24	0.36	-3827 lbs	-3827 lbs	34-35	0.39	3363 lbs	-1283 lbs	25-36	0.13	-894 lbs	-894 lbs				
24-25	0.32	-3324 lbs	-3324 lbs	35-36	0.33	2746 lbs	-1104 lbs	26-37	0.22	-1488 lbs	-1488 lbs				
25-26	0.24	-2678 lbs	-2678 lbs	36-37	0.26	2021 lbs	-849 lbs	42-43	0.14	2229 lbs	-976 lbs				
26-38	0.39	-1942 lbs	-1942 lbs	37-39	0.23	984 lbs	-188 lbs	44-45	0.17	3104 lbs	-1148 lbs				
27-38	0.30	-568 lbs	-568 lbs	3-39	0.25	984 lbs	-426 lbs	46-47	0.07	-451 lbs	-451 lbs				
27-29	0.23	-568 lbs	-568 lbs	3-30	0.25	0 lbs	0 lbs	11-12	0.09	1265 lbs	-587 lbs				
8-29	0.03	-72 lbs	-72 lbs	28-30	0.25	0 lbs	0 lbs	13-14	0.04	715 lbs	-279 lbs				
5-9	0.02	0 lbs	0 lbs	4-28	0.12	0 lbs	0 lbs	15-16	0.03	499 lbs	-147 lbs				
6-9	0.04	0 lbs	0 lbs					17-18	0.02	477 lbs	-91 lbs				
								21-31	0.03	540 lbs	-217 lbs				
								22-32	0.02	297 lbs	-121 lbs				

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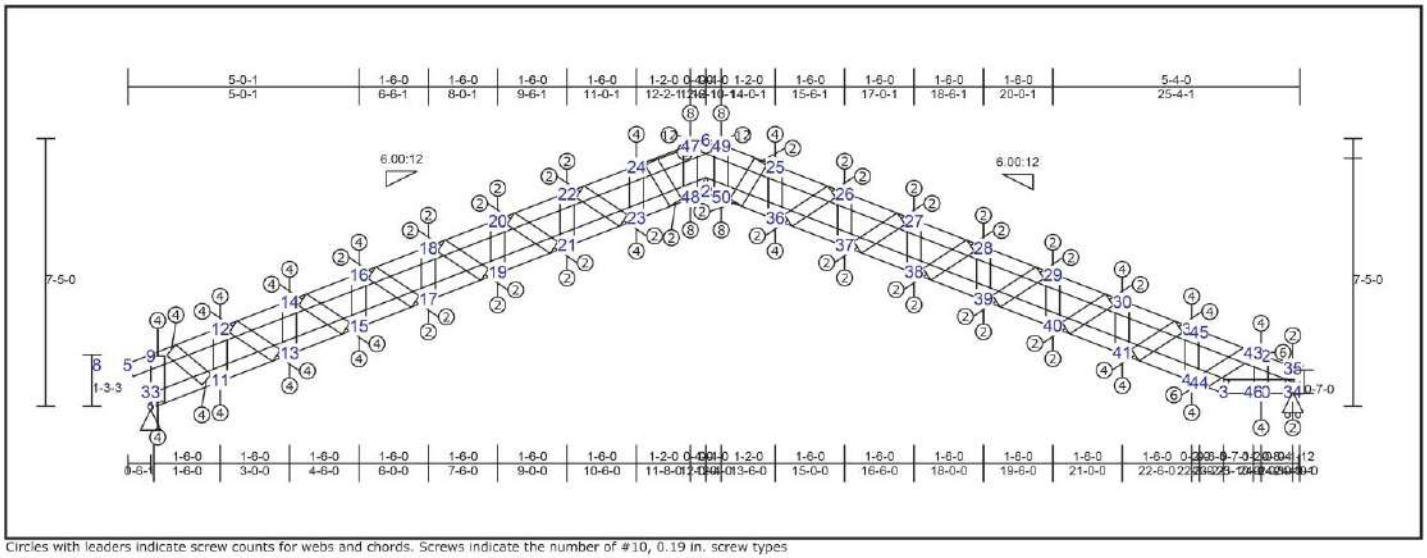
TRUSS TB66(spacing 12 in)



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 :	0.74 (49 - 25)	TL(V): 0.51 in.	L / 315	(48-2)	L / 360
BC :	0.70 (48 - 2)	LL(V): 0.27 in.	L / 579	(48-2)	L / 360
Web :	0.22 (42 - 31)	DL(V): 0.23 in.	L / 653	(2-50)	L / 0
		Cant / OH TL: 0.27 in.	2L / 0	(48-2)	2L / 360
		Cant / OH LL: 0.27 in.	2L / 0	(48-2)	2L / 360
		Horiz TL: 0.28 in.		3	
		Web :			
		Snow/Wind -0.2 in.	L / 741	(2-50)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(2-50)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-100 lbs	810 lbs	0 lbs	-180 lbs	-100 lbs
34	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	25-4-2

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-49	0.55	-3777 lbs	-3777 lbs	1-11	0.22	380 lbs	-297 lbs	1-9	0.13	-906 lbs	-906 lbs	20-21	0.02	382 lbs	-80 lbs
25-49	0.74	-5069 lbs	-5069 lbs	11-13	0.26	1476 lbs	-824 lbs	11-12	0.22	-1461 lbs	-1461 lbs	22-23	0.03	591 lbs	-103 lbs
25-26	0.46	-5069 lbs	-5069 lbs	13-15	0.36	2309 lbs	-1205 lbs	13-14	0.16	-1062 lbs	-1062 lbs	26-36	0.03	524 lbs	-215 lbs
26-27	0.41	-4413 lbs	-4413 lbs	15-17	0.45	3004 lbs	-1495 lbs	15-16	0.13	-894 lbs	-894 lbs	27-37	0.02	298 lbs	-125 lbs
27-28	0.39	-4180 lbs	-4180 lbs	17-19	0.52	3557 lbs	-1693 lbs	17-18	0.11	-723 lbs	-723 lbs	28-38	0.03	479 lbs	-191 lbs
28-29	0.36	-3839 lbs	-3839 lbs	19-21	0.56	3948 lbs	-1792 lbs	19-20	0.08	-533 lbs	-533 lbs	29-39	0.04	652 lbs	-248 lbs
29-30	0.32	-3334 lbs	-3334 lbs	21-23	0.57	4373 lbs	-1849 lbs	21-22	0.06	-427 lbs	-427 lbs	30-40	0.04	810 lbs	-299 lbs
30-31	0.24	-2685 lbs	-2685 lbs	23-48	0.63	4947 lbs	-1978 lbs	23-24	0.19	-1277 lbs	-1277 lbs	31-41	0.05	922 lbs	-352 lbs
31-43	0.39	-1947 lbs	-1947 lbs	2-48	0.70	4944 lbs	-1978 lbs	10-32	0.17	-1142 lbs	-1142 lbs	43-44	0.11	1792 lbs	-778 lbs
32-43	0.30	-569 lbs	-569 lbs	3-10	0.26	0 lbs	0 lbs	34-35	0.02	-169 lbs	-169 lbs	24-48	0.01	287 lbs	-77 lbs
32-35	0.23	-569 lbs	-569 lbs	10-34	0.26	0 lbs	0 lbs	25-36	0.17	-1123 lbs	-1123 lbs	25-50	0.02	405 lbs	-126 lbs
7-35	0.03	-73 lbs	-73 lbs	4-34	0.12	0 lbs	0 lbs	26-37	0.05	-347 lbs	-347 lbs				
5-9	0.01	13 lbs	0 lbs	2-50	0.68	4987 lbs	-1899 lbs	27-38	0.06	-431 lbs	-431 lbs				
9-12	0.22	-1351 lbs	-1351 lbs	36-50	0.64	4987 lbs	-1900 lbs	28-39	0.09	-620 lbs	-620 lbs				
12-14	0.23	-2234 lbs	-2234 lbs	36-37	0.50	4483 lbs	-1684 lbs	29-40	0.12	-798 lbs	-798 lbs				
14-16	0.29	-2957 lbs	-2957 lbs	37-38	0.47	4152 lbs	-1534 lbs	30-41	0.13	-897 lbs	-897 lbs				
16-18	0.34	-3541 lbs	-3541 lbs	38-39	0.43	3843 lbs	-1405 lbs	31-42	0.22	-1492 lbs	-1492 lbs				
18-20	0.37	-3973 lbs	-3973 lbs	39-40	0.40	3373 lbs	-1297 lbs	47-48	0.18	2727 lbs	-1219 lbs				
20-22	0.40	-4282 lbs	-4282 lbs	40-41	0.33	2753 lbs	-1114 lbs	49-50	0.15	2836 lbs	-1046 lbs				
22-24	0.47	-5053 lbs	-5053 lbs	41-42	0.26	2028 lbs	-856 lbs	9-11	0.08	1185 lbs	-575 lbs				
24-47	0.72	-5053 lbs	-5053 lbs	42-44	0.23	986 lbs	-191 lbs	12-13	0.08	1126 lbs	-533 lbs				
6-47	0.54	-3805 lbs	-3805 lbs	3-44	0.25	986 lbs	-429 lbs	14-15	0.06	909 lbs	-402 lbs				
								16-17	0.04	748 lbs	-296 lbs				
								18-19	0.03	578 lbs	-187 lbs				

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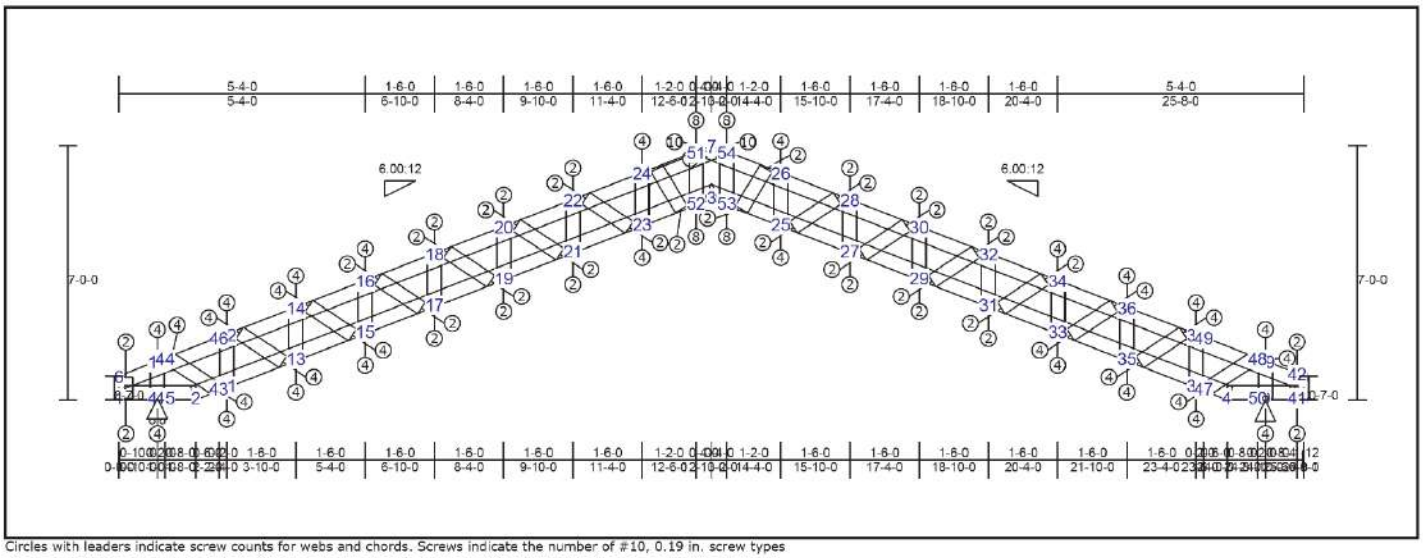
TRUSS TB67(spacing 12 in)



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 :	0.69 (24 - 51)	TL(V): 0.46 in.	L / 325	(52-3)	L / 360
BC :	0.68 (3 - 53)	LL(V): 0.25 in.	L / 598	(52-3)	L / 360
Web :	0.19 (11 - 12)	DL(V): 0.21 in.	L / 712	(52-3)	L / 0
		Cant / OH TL: 0.25 in.	2L / 0	(52-3)	2L / 360
		Cant / OH LL: 0.25 in.	2L / 0	(52-3)	2L / 360
		Horiz TL: -0.25 in.		2	
		Web :			
		Snow/Wind -0.19 in.	L / 803	(3-53)	L / 360
		Cant (Snow/Wind) -0.19 in.	L / 0	(3-53)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
9	Pin		-110 lbs	800 lbs	0 lbs	-180 lbs	-110 lbs
40	HRoll		0 lbs	800 lbs	0 lbs	-180 lbs	0 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
7-0-0	25-8-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
6-10	0.17	-402 lbs	-402 lbs	2-43	0.17	505 lbs	-211 lbs
10-44	0.16	-402 lbs	-402 lbs	11-43	0.19	505 lbs	-88 lbs
12-44	0.18	-1380 lbs	-1380 lbs	11-13	0.22	1514 lbs	-626 lbs
12-14	0.24	-2247 lbs	-2247 lbs	13-15	0.27	2316 lbs	-921 lbs
14-16	0.28	-2929 lbs	-2929 lbs	15-17	0.34	2970 lbs	-1122 lbs
16-18	0.33	-3473 lbs	-3473 lbs	17-19	0.39	3484 lbs	-1283 lbs
18-20	0.36	-3867 lbs	-3867 lbs	19-21	0.44	3837 lbs	-1428 lbs
20-22	0.38	-4136 lbs	-4136 lbs	21-23	0.47	4211 lbs	-1595 lbs
22-24	0.44	-4825 lbs	-4825 lbs	23-52	0.61	4731 lbs	-1819 lbs
24-51	0.69	-4825 lbs	-4825 lbs	3-52	0.65	4730 lbs	-1817 lbs
7-51	0.52	-3615 lbs	-3615 lbs	1-40	0.07	0 lbs	0 lbs
7-54	0.52	-3615 lbs	-3615 lbs	2-40	0.07	0 lbs	0 lbs
26-54	0.69	-4825 lbs	-4825 lbs	3-53	0.68	4730 lbs	-1908 lbs
26-28	0.44	-4825 lbs	-4825 lbs	25-53	0.60	4731 lbs	-1908 lbs
28-30	0.38	-4136 lbs	-4136 lbs	25-27	0.55	4211 lbs	-1795 lbs
30-32	0.36	-3867 lbs	-3867 lbs	27-29	0.54	3837 lbs	-1753 lbs
32-34	0.33	-3473 lbs	-3473 lbs	29-31	0.51	3483 lbs	-1664 lbs
34-36	0.28	-2929 lbs	-2929 lbs	31-33	0.44	2970 lbs	-1476 lbs
36-38	0.24	-2247 lbs	-2247 lbs	33-35	0.36	2315 lbs	-1197 lbs
38-48	0.18	-1379 lbs	-1379 lbs	35-37	0.26	1513 lbs	-821 lbs
39-48	0.16	-402 lbs	-402 lbs	37-47	0.19	504 lbs	-196 lbs
39-42	0.17	-402 lbs	-402 lbs	4-47	0.17	504 lbs	-319 lbs
8-42	0.03	91 lbs	-37 lbs	4-9	0.07	-108 lbs	-108 lbs
				9-41	0.07	-108 lbs	-108 lbs

Bot Chord			
5-41	0.03	0 lbs	0 lbs

Web			
11-12	0.19	-1273 lbs	-1273 lbs
13-14	0.15	-1034 lbs	-1034 lbs
15-16	0.12	-843 lbs	-843 lbs
17-18	0.10	-676 lbs	-676 lbs
19-20	0.07	-487 lbs	-487 lbs
21-22	0.06	-380 lbs	-380 lbs
27-28	0.06	-374 lbs	-374 lbs
29-30	0.07	-487 lbs	-487 lbs
31-32	0.10	-676 lbs	-676 lbs
33-34	0.12	-843 lbs	-843 lbs
35-36	0.15	-1034 lbs	-1034 lbs
37-38	0.19	-1273 lbs	-1273 lbs
1-6	0.01	166 lbs	-87 lbs
10-40	0.16	-1103 lbs	-1103 lbs
9-39	0.16	-1102 lbs	-1102 lbs
41-42	0.01	165 lbs	-83 lbs
23-24	0.17	-1156 lbs	-1158 lbs
25-26	0.17	-1158 lbs	-1158 lbs
51-52	0.14	2649 lbs	-984 lbs
53-54	0.18	2649 lbs	-1193 lbs
12-13	0.07	1119 lbs	-444 lbs
14-15	0.05	861 lbs	-319 lbs
16-17	0.04	701 lbs	-266 lbs
18-19	0.03	532 lbs	-211 lbs
20-21	0.02	337 lbs	-145 lbs
22-23	0.03	551 lbs	-234 lbs
25-28	0.03	520 lbs	-71 lbs
27-30	0.02	338 lbs	-58 lbs
29-32	0.03	532 lbs	-175 lbs
31-34	0.04	701 lbs	-283 lbs
33-36	0.06	861 lbs	-368 lbs
35-38	0.08	1119 lbs	-561 lbs
43-44	0.07	1067 lbs	-458 lbs
47-48	0.07	1086 lbs	-472 lbs
44-52	0.02	405 lbs	-101 lbs
26-53	0.01	273 lbs	-101 lbs

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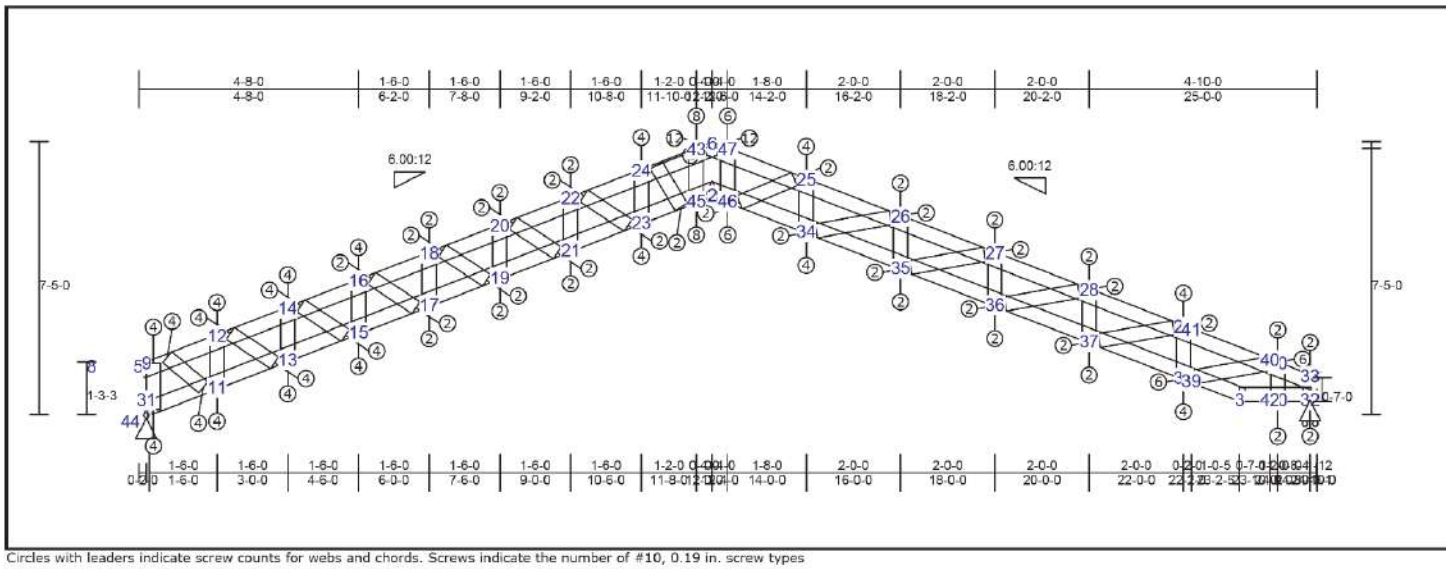
TRUSS TB68 (spacing 12 in)



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 (24 - 43)	TL(V): 0.51 in.	L / 294	(2-46)	L / 360
BC :	0.72 (45 - 2)	LL(V): 0.28 in.	L / 538	(2-46)	L / 360
Web :	0.22 (11 - 12)	DL(V): 0.23 in.	L / 684	(45-2)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(2-46)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(2-46)	2L / 360
		Horiz TL: 0.28 in.		7	
		Web :			
		Snow/Wind -0.2 in.	L / 736	(2-46)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(2-46)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-110 lbs	790 lbs	0 lbs	-170 lbs	-110 lbs
32	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	25-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
6-47	0.53	-3884 lbs	-3884 lbs	1-11	0.22	381 lbs	-291 lbs
25-47	0.68	-4921 lbs	-4921 lbs	11-13	0.26	1483 lbs	-825 lbs
25-26	0.45	-4833 lbs	-4833 lbs	13-15	0.36	2315 lbs	-1206 lbs
26-27	0.42	-4221 lbs	-4221 lbs	15-17	0.45	3010 lbs	-1496 lbs
27-28	0.38	-3831 lbs	-3831 lbs	17-19	0.52	3562 lbs	-1694 lbs
28-29	0.28	-3073 lbs	-3073 lbs	19-21	0.56	3952 lbs	-1793 lbs
29-40	0.44	-2300 lbs	-2300 lbs	21-23	0.57	4389 lbs	-1853 lbs
30-40	0.33	-443 lbs	-443 lbs	23-45	0.64	4996 lbs	-1993 lbs
30-33	0.27	-443 lbs	-443 lbs	2-45	0.72	4994 lbs	-1993 lbs
7-33	0.08	-214 lbs	-214 lbs	2-46	0.65	4636 lbs	-1844 lbs
5-9	0.00	6 lbs	0 lbs	34-46	0.64	4636 lbs	-1844 lbs
9-12	0.22	-1358 lbs	-1358 lbs	34-35	0.51	4370 lbs	-1629 lbs
12-14	0.23	-2241 lbs	-2241 lbs	35-36	0.44	3981 lbs	-1460 lbs
14-16	0.29	-2963 lbs	-2963 lbs	36-37	0.40	3420 lbs	-1308 lbs
16-18	0.34	-3546 lbs	-3546 lbs	37-38	0.32	2583 lbs	-1059 lbs
18-20	0.38	-3978 lbs	-3978 lbs	38-39	0.22	1556 lbs	-294 lbs
20-22	0.40	-4287 lbs	-4287 lbs	3-39	0.25	1556 lbs	-671 lbs
22-24	0.49	-5102 lbs	-5102 lbs	3-10	0.12	0 lbs	0 lbs
24-43	0.77	-5102 lbs	-5102 lbs	10-32	0.12	0 lbs	0 lbs
6-43	0.57	-3704 lbs	-3704 lbs	4-32	0.06	0 lbs	0 lbs

Web			
1-9	0.13	-885 lbs	-885 lbs
11-12	0.22	-1474 lbs	-1474 lbs
13-14	0.16	-1061 lbs	-1061 lbs
15-16	0.13	-893 lbs	-893 lbs
17-18	0.11	-723 lbs	-723 lbs
19-20	0.08	-531 lbs	-531 lbs
21-22	0.06	-430 lbs	-430 lbs
23-24	0.20	-1352 lbs	-1352 lbs
10-30	0.08	-542 lbs	-542 lbs
32-33	0.07	-486 lbs	-486 lbs
25-34	0.12	-822 lbs	-822 lbs
26-35	0.03	-218 lbs	-218 lbs
27-36	0.07	-496 lbs	-496 lbs
28-37	0.08	-566 lbs	-566 lbs
29-38	0.15	-1034 lbs	-1034 lbs
43-45	0.20	3065 lbs	-1346 lbs
46-47	0.12	2257 lbs	-834 lbs
9-11	0.09	1195 lbs	-586 lbs
12-13	0.08	1128 lbs	-536 lbs
14-15	0.06	908 lbs	-401 lbs
16-17	0.04	747 lbs	-296 lbs
18-19	0.03	577 lbs	-187 lbs
20-21	0.02	379 lbs	-79 lbs
22-23	0.03	616 lbs	-111 lbs

Web			
26-34	0.02	395 lbs	-163 lbs
27-35	0.03	430 lbs	-174 lbs
28-36	0.04	745 lbs	-281 lbs
29-37	0.04	720 lbs	-266 lbs
39-40	0.12	1858 lbs	-802 lbs
24-45	0.01	282 lbs	-89 lbs
25-46	0.02	360 lbs	-106 lbs

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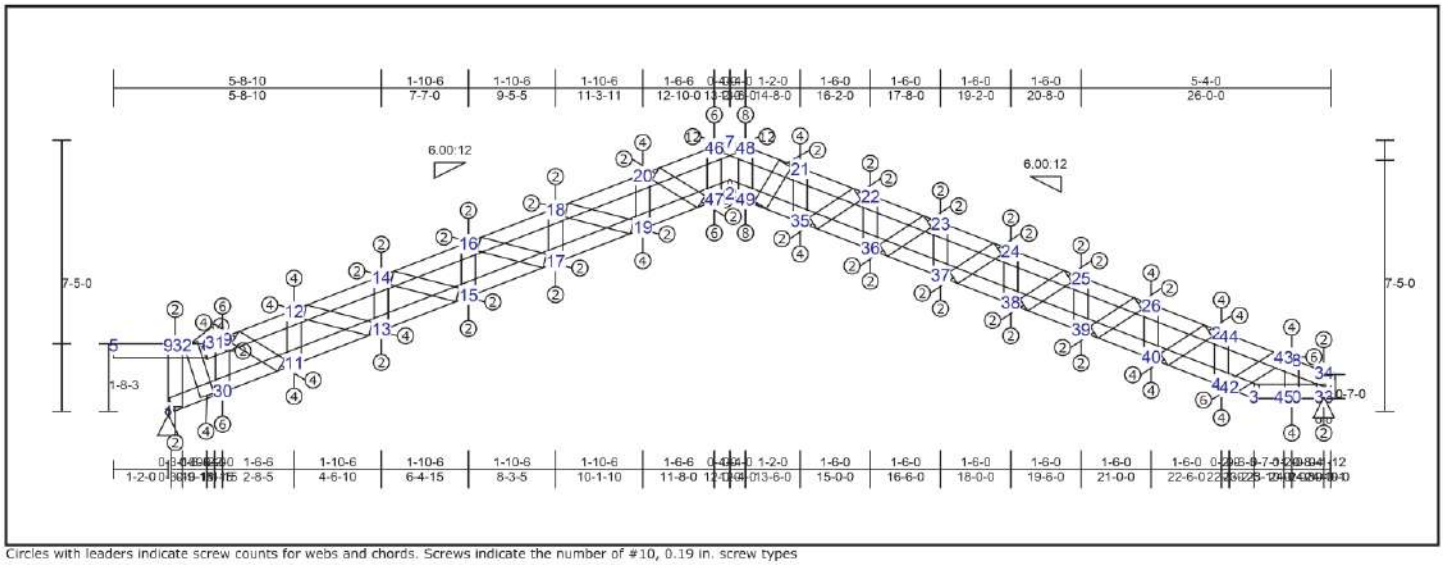
TRUSS TB69(spacing 12 in)



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 (48 - 21)	TL(V): 0.51 in.	L / 294	(2-49)	L / 360
BC :	0.68 (2 - 49)	LL(V): 0.28 in.	L / 538	(2-49)	L / 360
Web :	0.32 (30 - 29)	DL(V): 0.23 in.	L / 648	(2-49)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(2-49)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(2-49)	2L / 360
		Horiz TL: 0.28 in.		3	
		Web :			
		Snow/Wind -0.2 in.	L / 739	(2-49)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(2-49)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	840 lbs	0 lbs	-190 lbs	-120 lbs
33	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	26-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-29	0.27	-954 lbs	-954 lbs	1-30	0.36	-332 lbs	-332 lbs	1-9	0.11	-753 lbs	-753 lbs
12-29	0.26	-1996 lbs	-1996 lbs	11-30	0.42	1271 lbs	-685 lbs	11-12	0.14	-970 lbs	-970 lbs
12-14	0.27	-2909 lbs	-2909 lbs	11-13	0.35	2353 lbs	-1189 lbs	13-14	0.10	-690 lbs	-690 lbs
14-16	0.35	-3631 lbs	-3631 lbs	13-15	0.46	3184 lbs	-1530 lbs	15-16	0.08	-543 lbs	-543 lbs
16-18	0.39	-4058 lbs	-4058 lbs	15-17	0.52	3763 lbs	-1718 lbs	17-18	0.04	-301 lbs	-301 lbs
18-20	0.45	-4807 lbs	-4807 lbs	17-19	0.56	4245 lbs	-1805 lbs	19-20	0.15	-992 lbs	-992 lbs
20-46	0.68	-4906 lbs	-4906 lbs	19-47	0.63	4801 lbs	-1918 lbs	29-30	0.32	-2144 lbs	-2144 lbs
7-48	0.52	-3864 lbs	-3864 lbs	2-47	0.66	4801 lbs	-1881 lbs	10-28	0.17	-1139 lbs	-1139 lbs
7-48	0.57	-3681 lbs	-3681 lbs	2-49	0.68	4997 lbs	-1879 lbs	33-34	0.02	-168 lbs	-168 lbs
21-48	0.77	-5077 lbs	-5077 lbs	35-49	0.63	4997 lbs	-1879 lbs	21-35	0.17	-1168 lbs	-1168 lbs
21-22	0.47	-5077 lbs	-5077 lbs	35-36	0.50	4471 lbs	-1659 lbs	22-36	0.05	-349 lbs	-349 lbs
22-23	0.40	-4395 lbs	-4395 lbs	36-37	0.46	4135 lbs	-1511 lbs	23-37	0.06	-427 lbs	-427 lbs
23-24	0.39	-4174 lbs	-4174 lbs	37-38	0.43	3830 lbs	-1387 lbs	24-38	0.09	-617 lbs	-617 lbs
24-25	0.36	-3826 lbs	-3826 lbs	38-39	0.39	3362 lbs	-1283 lbs	25-39	0.12	-795 lbs	-795 lbs
25-26	0.32	-3324 lbs	-3324 lbs	39-40	0.33	2745 lbs	-1104 lbs	26-40	0.13	-894 lbs	-894 lbs
26-27	0.24	-2678 lbs	-2678 lbs	40-41	0.26	2020 lbs	-849 lbs	27-41	0.22	-1488 lbs	-1488 lbs
27-43	0.39	-1941 lbs	-1941 lbs	41-42	0.23	984 lbs	-188 lbs	46-47	0.15	2278 lbs	-997 lbs
28-43	0.30	-568 lbs	-568 lbs	3-42	0.25	984 lbs	-426 lbs	48-49	0.17	3070 lbs	-1130 lbs
28-34	0.23	-568 lbs	-568 lbs	3-10	0.25	0 lbs	0 lbs	12-13	0.06	906 lbs	-410 lbs
8-34	0.03	-72 lbs	-72 lbs	10-33	0.25	0 lbs	0 lbs	14-15	0.04	730 lbs	-284 lbs
5-9	0.02	0 lbs	0 lbs	4-33	0.12	0 lbs	0 lbs	16-17	0.02	467 lbs	-132 lbs
6-9	0.17	-316 lbs	-316 lbs					18-19	0.02	483 lbs	-92 lbs
								11-29	0.11	1508 lbs	-714 lbs
								22-35	0.03	538 lbs	-215 lbs

Web			
23-36	0.02	297 lbs	-120 lbs
24-37	0.03	476 lbs	-188 lbs
25-38	0.04	649 lbs	-243 lbs
26-39	0.04	807 lbs	-295 lbs
27-40	0.05	920 lbs	-349 lbs
42-43	0.11	1787 lbs	-772 lbs
20-47	0.02	309 lbs	-26 lbs
21-49	0.02	400 lbs	-138 lbs
9-30	0.09	1308 lbs	-622 lbs

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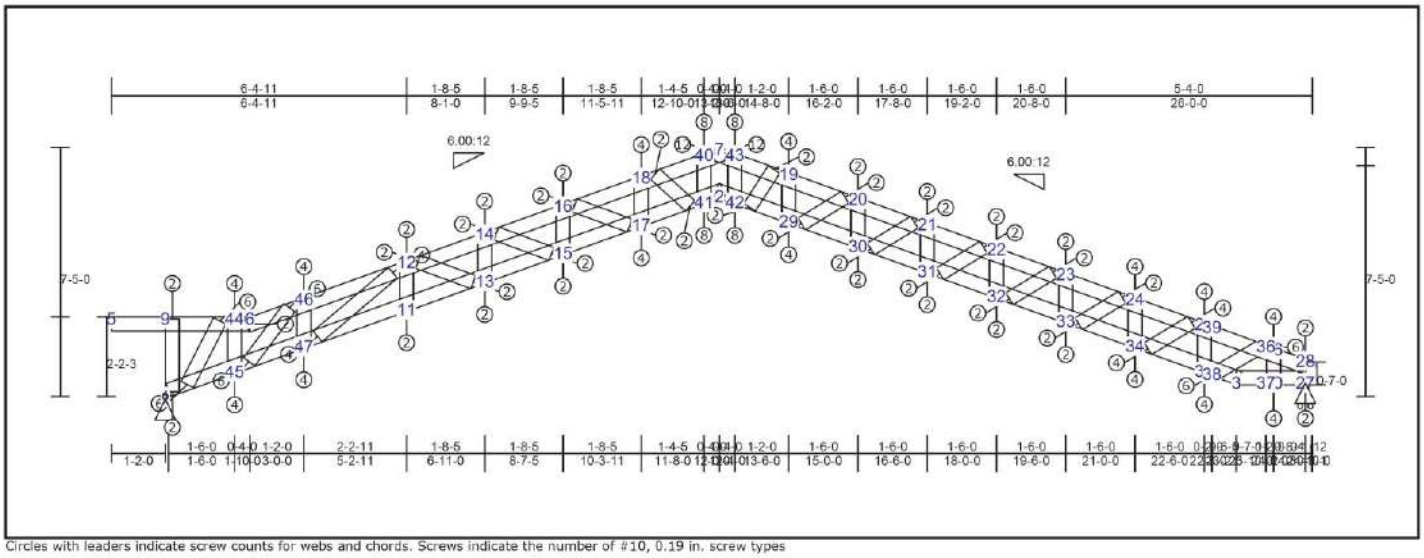
TRUSS TB70 (spacing 12 in)



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 (43 - 19)	TL(V): 0.52 in.	L / 304	(41-2)	L / 360
BC :	0.66 (2 - 42)	LL(V): 0.28 in.	L / 563	(41-2)	L / 360
Web :	0.33 (45 - 46)	DL(V): 0.24 in.	L / 628	(2-42)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(41-2)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(41-2)	2L / 360
		Horiz TL: 0.28 in.		3	
		Web :			
		Snow/Wind -0.2 in.	L / 739	(2-42)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(2-42)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	840 lbs	0 lbs	-190 lbs	-130 lbs
27	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	26-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
5-9	0.02	0 lbs	0 lbs	1-45	0.36	892 lbs	-547 lbs	1-9	0.02	350 lbs	-126 lbs	23-32	0.04	648 lbs	-240 lbs
9-44	0.38	-679 lbs	-679 lbs	45-47	0.34	2095 lbs	-1035 lbs	11-12	0.01	-78 lbs	-78 lbs	24-33	0.04	806 lbs	-291 lbs
6-44	0.26	-679 lbs	-679 lbs	11-47	0.43	2841 lbs	-1364 lbs	13-14	0.09	-644 lbs	-644 lbs	25-34	0.05	919 lbs	-349 lbs
6-46	0.31	-2386 lbs	-2386 lbs	11-13	0.46	3296 lbs	-1535 lbs	15-16	0.05	-321 lbs	-321 lbs	36-38	0.11	1786 lbs	-773 lbs
12-46	0.33	-3108 lbs	-3108 lbs	13-15	0.52	3840 lbs	-1707 lbs	17-18	0.16	-1112 lbs	-1112 lbs	18-41	0.01	292 lbs	-42 lbs
12-14	0.40	-3777 lbs	-3777 lbs	15-17	0.55	4293 lbs	-1781 lbs	10-26	0.17	-1138 lbs	-1138 lbs	19-42	0.02	403 lbs	-136 lbs
14-16	0.39	-4137 lbs	-4137 lbs	17-41	0.62	4839 lbs	-1898 lbs	27-28	0.02	-168 lbs	-168 lbs	1-44	0.30	-1969 lbs	-1969 lbs
16-18	0.46	-4904 lbs	-4904 lbs	2-41	0.66	4839 lbs	-1875 lbs	19-29	0.17	-1141 lbs	-1141 lbs	45-46	0.33	-2193 lbs	-2193 lbs
18-40	0.70	-4941 lbs	-4941 lbs	2-42	0.66	4976 lbs	-1846 lbs	20-30	0.05	-348 lbs	-348 lbs	12-47	0.27	-1300 lbs	-1300 lbs
7-40	0.53	-3825 lbs	-3825 lbs	29-42	0.62	4976 lbs	-1847 lbs	21-31	0.06	-427 lbs	-427 lbs				
7-43	0.56	-3710 lbs	-3710 lbs	29-30	0.49	4463 lbs	-1636 lbs	22-32	0.09	-616 lbs	-616 lbs				
19-43	0.75	-5056 lbs	-5056 lbs	30-31	0.46	4132 lbs	-1494 lbs	23-33	0.12	-794 lbs	-794 lbs				
19-20	0.46	-5056 lbs	-5056 lbs	31-32	0.43	3827 lbs	-1372 lbs	24-34	0.13	-893 lbs	-893 lbs				
20-21	0.40	-4390 lbs	-4390 lbs	32-33	0.39	3360 lbs	-1284 lbs	25-35	0.22	-1487 lbs	-1487 lbs				
21-22	0.39	-4170 lbs	-4170 lbs	33-34	0.33	2743 lbs	-1105 lbs	40-41	0.16	2451 lbs	-1063 lbs				
22-23	0.36	-3823 lbs	-3823 lbs	34-35	0.26	2019 lbs	-849 lbs	42-43	0.16	2958 lbs	-1070 lbs				
23-24	0.32	-3321 lbs	-3321 lbs	35-38	0.23	983 lbs	-188 lbs	44-45	0.09	1327 lbs	-618 lbs				
24-25	0.24	-2676 lbs	-2676 lbs	3-38	0.25	983 lbs	-426 lbs	46-47	0.07	1022 lbs	-450 lbs				
25-36	0.39	-1940 lbs	-1940 lbs	3-10	0.25	0 lbs	0 lbs	12-13	0.04	699 lbs	-261 lbs				
26-36	0.30	-567 lbs	-567 lbs	10-27	0.25	0 lbs	0 lbs	14-15	0.02	423 lbs	-109 lbs				
26-28	0.23	-567 lbs	-567 lbs	4-27	0.12	0 lbs	0 lbs	16-17	0.03	513 lbs	-94 lbs				
8-28	0.03	-72 lbs	-72 lbs					20-29	0.03	531 lbs	-205 lbs				
								21-30	0.02	297 lbs	-117 lbs				
								22-31	0.03	475 lbs	-183 lbs				

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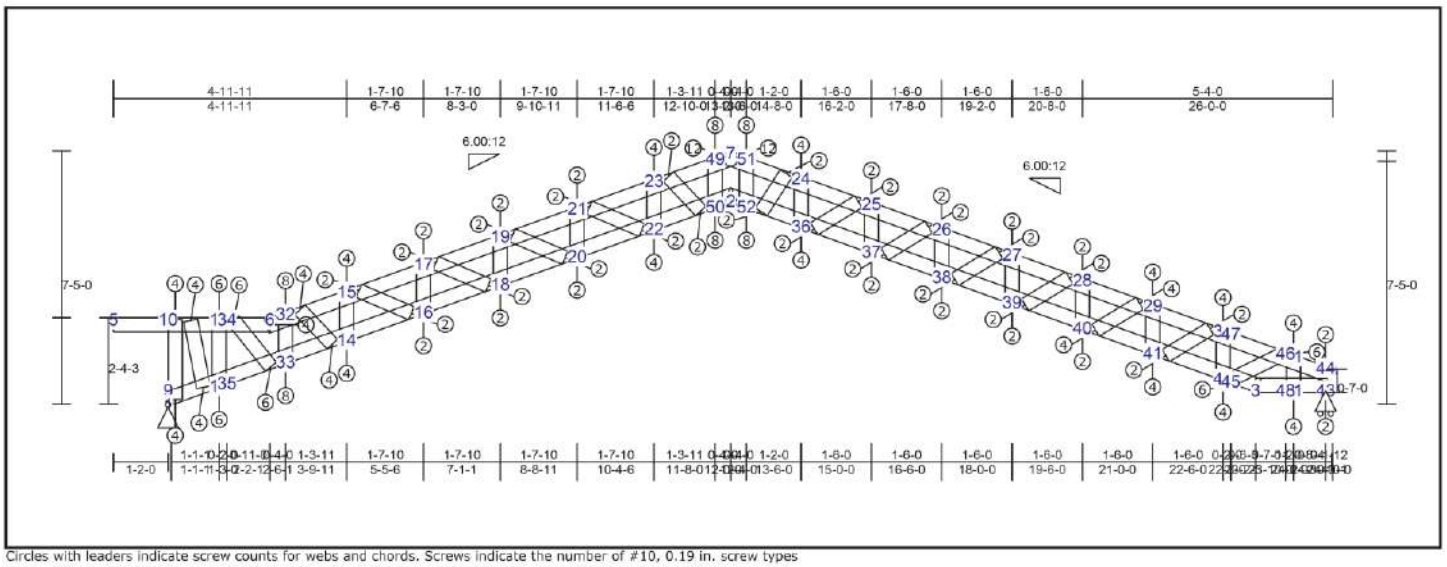
TRUSS TB71 (spacing 12 in)



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 :	0.74 (51 - 24)	TL(V): 0.52 in.	L / 291	(2-52)	L / 360
BC :	0.66 (50 - 2)	LL(V): 0.28 in.	L / 534	(2-52)	L / 360
Web :	0.38 (33 - 32)	DL(V): 0.23 in.	L / 677	(50-2)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(2-52)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(2-52)	2L / 360
		Horiz TL: 0.28 in.		3	
		Web :			
		Snow/Wind -0.2 in.	L / 743	(2-52)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(2-52)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	840 lbs	0 lbs	-200 lbs	-130 lbs
43	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	26-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
5-10	0.02	0 lbs	0 lbs
10-13	0.27	-189 lbs	-189 lbs
6-13	0.34	-1283 lbs	-1283 lbs
6-32	0.34	-2033 lbs	-2033 lbs
15-32	0.27	-2562 lbs	-2562 lbs
15-17	0.32	-3282 lbs	-3282 lbs
17-19	0.36	-3823 lbs	-3823 lbs
19-21	0.39	-4163 lbs	-4163 lbs
21-23	0.46	-4937 lbs	-4937 lbs
23-49	0.70	-4956 lbs	-4956 lbs
7-49	0.53	-3811 lbs	-3811 lbs
7-51	0.55	-3720 lbs	-3720 lbs
24-51	0.74	-5049 lbs	-5049 lbs
24-25	0.48	-5049 lbs	-5049 lbs
25-26	0.40	-4389 lbs	-4389 lbs
26-27	0.39	-4169 lbs	-4169 lbs
27-28	0.36	-3821 lbs	-3821 lbs
28-29	0.32	-3320 lbs	-3320 lbs
29-30	0.23	-2669 lbs	-2669 lbs
30-31	0.39	-1990 lbs	-1990 lbs
31-44	0.23	-540 lbs	-540 lbs
8-44	0.04	-103 lbs	-103 lbs

Bot Chord			
1-12	0.30	-432 lbs	-432 lbs
12-33	0.39	583 lbs	-432 lbs
14-33	0.44	1917 lbs	-935 lbs
14-16	0.38	2732 lbs	-1299 lbs
16-18	0.47	3399 lbs	-1560 lbs
18-20	0.52	3852 lbs	-1694 lbs
20-22	0.54	4309 lbs	-1769 lbs
22-50	0.61	4855 lbs	-1888 lbs
2-50	0.66	4855 lbs	-1871 lbs
2-52	0.66	4969 lbs	-1831 lbs
36-52	0.61	4969 lbs	-1832 lbs
36-37	0.49	4480 lbs	-1626 lbs
37-38	0.46	4130 lbs	-1486 lbs
38-39	0.43	3825 lbs	-1370 lbs
39-40	0.39	3359 lbs	-1286 lbs
40-41	0.33	2740 lbs	-1105 lbs
41-42	0.26	2022 lbs	-852 lbs
3-42	0.25	1086 lbs	-472 lbs
3-11	0.23	0 lbs	0 lbs
11-43	0.23	0 lbs	0 lbs
4-43	0.11	0 lbs	0 lbs

Web			
1-10	0.15	-897 lbs	-897 lbs
12-13	0.30	-1954 lbs	-1954 lbs
14-15	0.13	-850 lbs	-850 lbs
16-17	0.11	-723 lbs	-723 lbs
18-19	0.08	-527 lbs	-527 lbs
20-21	0.05	-358 lbs	-358 lbs
22-23	0.17	-1154 lbs	-1154 lbs
32-33	0.38	-2579 lbs	-2579 lbs
24-36	0.17	-1131 lbs	-1131 lbs
25-37	0.05	-347 lbs	-347 lbs
26-38	0.06	-427 lbs	-427 lbs
27-39	0.09	-615 lbs	-615 lbs
28-40	0.12	-800 lbs	-800 lbs
29-41	0.13	-870 lbs	-870 lbs
30-42	0.20	-1368 lbs	-1368 lbs
11-31	0.15	-1010 lbs	-1010 lbs
43-44	0.03	-236 lbs	-236 lbs
49-50	0.16	2518 lbs	-1086 lbs
51-52	0.15	2918 lbs	-1049 lbs
10-12	0.09	1385 lbs	-608 lbs
15-16	0.05	792 lbs	-341 lbs
17-18	0.03	623 lbs	-226 lbs
19-20	0.02	392 lbs	-94 lbs
21-22	0.03	537 lbs	-97 lbs

Web			
14-32	0.09	1308 lbs	-602 lbs
25-36	0.03	529 lbs	-201 lbs
26-37	0.02	297 lbs	-116 lbs
27-38	0.03	475 lbs	-181 lbs
28-39	0.04	648 lbs	-238 lbs
29-40	0.04	815 lbs	-293 lbs
30-41	0.04	802 lbs	-299 lbs
13-33	0.15	2176 lbs	-990 lbs
31-42	0.11	1776 lbs	-769 lbs
23-50	0.01	285 lbs	-50 lbs
24-52	0.02	404 lbs	-135 lbs

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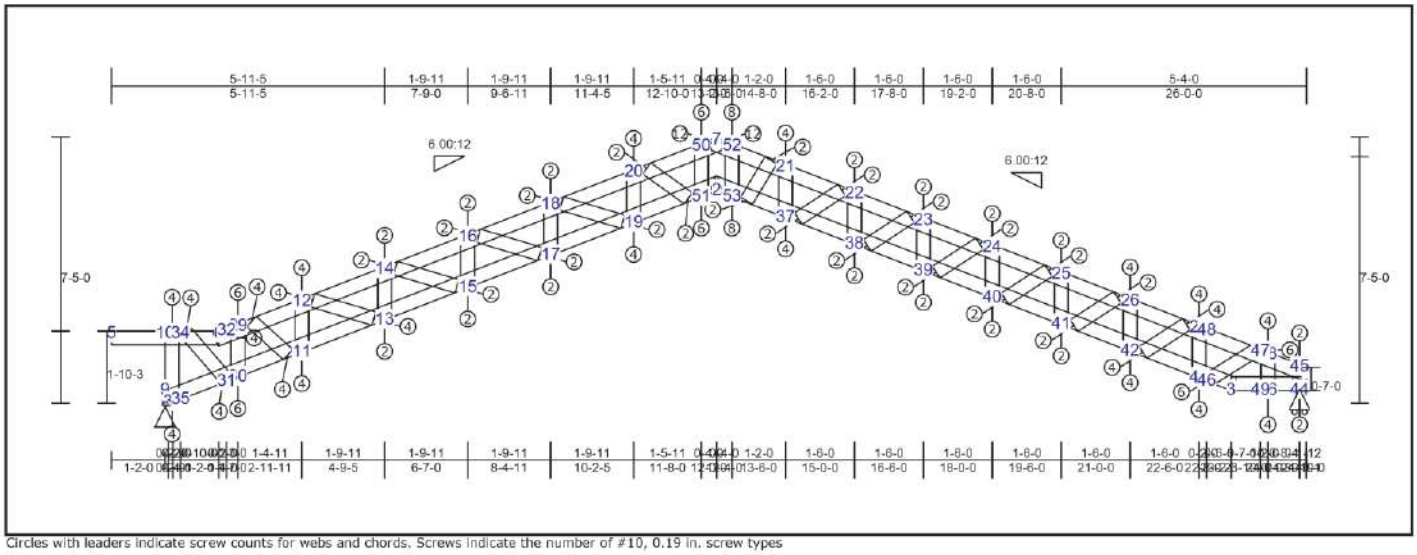
TRUSS TB72 (spacing 12 in)



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 (52 - 21)	TL(V): 0.51 in.	L / 295	(2-53)	L / 360
BC :	0.68 (2 - 53)	LL(V): 0.28 in.	L / 540	(2-53)	L / 360
Web :	0.31 (30 - 29)	DL(V): 0.23 in.	L / 650	(2-53)	L / 0
		Cant / OH TL: 0.28 in.	2L / 0	(51-2)	2L / 360
		Cant / OH LL: 0.28 in.	2L / 0	(51-2)	2L / 360
		Horiz TL: 0.28 in.		3	
		Web :			
		Snow/Wind -0.2 in.	L / 744	(2-53)	L / 360
		Cant (Snow/Wind) -0.2 in.	L / 0	(51-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	840 lbs	0 lbs	-190 lbs	-130 lbs
44	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	26-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
5-10	0.02	0 lbs	0 lbs	1-30	0.32	216 lbs	-176 lbs
6-10	0.22	-806 lbs	-806 lbs	11-30	0.36	1448 lbs	-759 lbs
6-29	0.28	-1457 lbs	-1457 lbs	11-13	0.36	2451 lbs	-1222 lbs
12-29	0.24	-2126 lbs	-2126 lbs	13-15	0.46	3243 lbs	-1543 lbs
12-14	0.29	-3009 lbs	-3009 lbs	15-17	0.52	3786 lbs	-1715 lbs
14-16	0.35	-3682 lbs	-3682 lbs	17-19	0.56	4263 lbs	-1799 lbs
16-18	0.39	-4083 lbs	-4083 lbs	19-51	0.63	4812 lbs	-1913 lbs
18-20	0.45	-4839 lbs	-4839 lbs	2-51	0.66	4812 lbs	-1880 lbs
20-50	0.69	-4917 lbs	-4917 lbs	2-53	0.68	4991 lbs	-1869 lbs
7-50	0.53	-3851 lbs	-3851 lbs	37-53	0.63	4991 lbs	-1870 lbs
7-52	0.56	-3691 lbs	-3691 lbs	37-38	0.49	4470 lbs	-1653 lbs
21-52	0.76	-5071 lbs	-5071 lbs	38-39	0.46	4137 lbs	-1507 lbs
21-22	0.46	-5071 lbs	-5071 lbs	39-40	0.43	3833 lbs	-1384 lbs
22-23	0.40	-4395 lbs	-4395 lbs	40-41	0.39	3366 lbs	-1285 lbs
23-24	0.39	-4176 lbs	-4176 lbs	41-42	0.33	2749 lbs	-1106 lbs
24-25	0.36	-3828 lbs	-3828 lbs	42-43	0.37	2025 lbs	-851 lbs
25-26	0.32	-3327 lbs	-3327 lbs	43-46	0.23	989 lbs	-189 lbs
26-27	0.24	-2681 lbs	-2681 lbs	3-46	0.25	989 lbs	-429 lbs
27-47	0.39	-1946 lbs	-1946 lbs	3-36	0.25	0 lbs	0 lbs
28-47	0.30	-568 lbs	-568 lbs	36-44	0.25	0 lbs	0 lbs
28-45	0.23	-568 lbs	-568 lbs	4-44	0.12	0 lbs	0 lbs
8-45	0.03	-74 lbs	-74 lbs				

Web			
1-10	0.13	-887 lbs	-887 lbs
11-12	0.13	-880 lbs	-880 lbs
13-14	0.10	-707 lbs	-707 lbs
15-16	0.08	-534 lbs	-534 lbs
17-18	0.05	-310 lbs	-310 lbs
19-20	0.15	-1029 lbs	-1029 lbs
29-30	0.31	-2108 lbs	-2108 lbs
28-36	0.17	-1137 lbs	-1137 lbs
21-37	0.17	-1157 lbs	-1157 lbs
22-38	0.05	-348 lbs	-348 lbs
23-39	0.06	-426 lbs	-426 lbs
24-40	0.09	-615 lbs	-615 lbs
25-41	0.12	-794 lbs	-794 lbs
26-42	0.13	-891 lbs	-891 lbs
27-43	0.22	-1486 lbs	-1486 lbs
44-45	0.02	-171 lbs	-171 lbs
50-51	0.15	2332 lbs	-1018 lbs
52-53	0.16	3034 lbs	-1111 lbs
12-13	0.06	894 lbs	-401 lbs
14-15	0.04	697 lbs	-267 lbs
16-17	0.02	442 lbs	-120 lbs
18-19	0.02	493 lbs	-92 lbs
11-29	0.09	1240 lbs	-585 lbs
22-37	0.03	535 lbs	-211 lbs

Web			
23-38	0.02	296 lbs	-119 lbs
24-39	0.03	474 lbs	-185 lbs
25-40	0.04	648 lbs	-242 lbs
26-41	0.04	806 lbs	-294 lbs
27-42	0.05	915 lbs	-347 lbs
46-47	0.11	1791 lbs	-774 lbs
10-30	0.10	1449 lbs	-679 lbs
20-51	0.02	302 lbs	-31 lbs
21-53	0.02	401 lbs	-138 lbs

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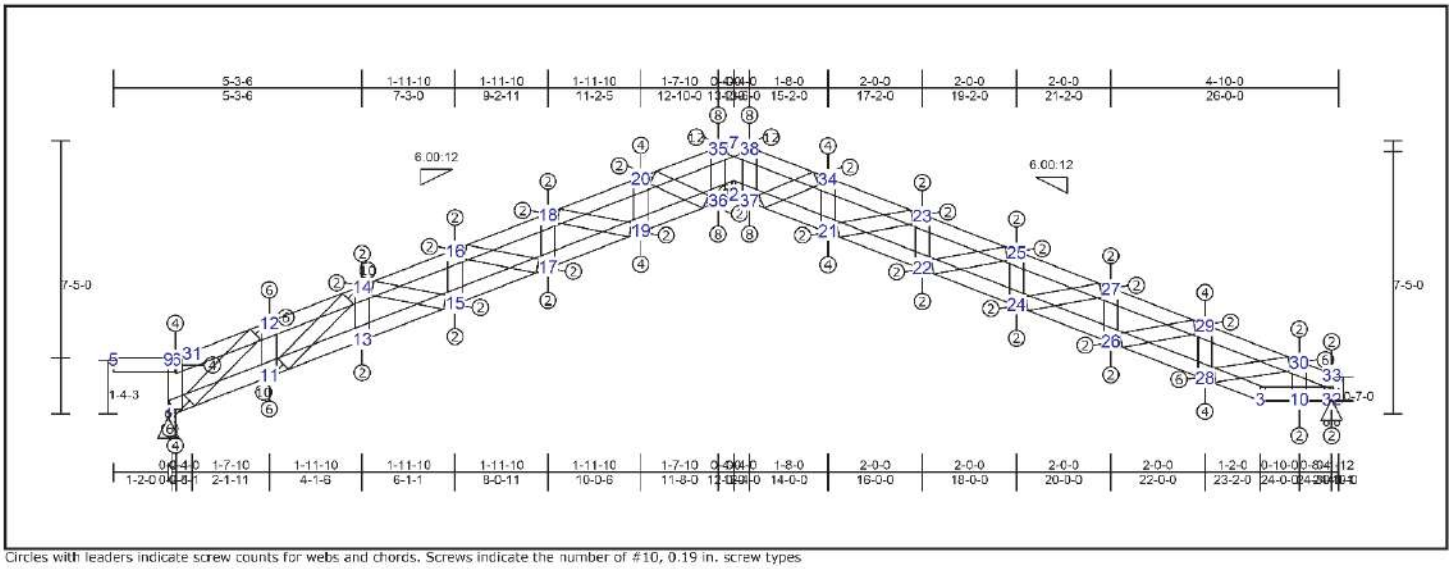
TRUSS TB73 (spacing 12 in)



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 (6 - 12)	TL(V): 3.17 in.	L / 5	(5-9)	L / 360
BC :	0.88 (36 - 2)	LL(V): 2.1 in.	L / 8	(5-9)	L / 360
Web :	0.64 (11 - 14)	DL(V): 1.07 in.	L / 15	(5-9)	L / 0
		Cant / OH TL: 2.1 in.	2L / 15	(5-9)	2L / 360
		Cant / OH LL: 2.1 in.	2L / 15	(5-9)	2L / 360
		Horiz TL: 0.28 in.		8	
		Web :			
		SnowWind -3.78 in.	L / 4	(5-9)	L / 360
		Cant (SnowWind) -3.78 in	L / 8	(5-9)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	840 lbs	0 lbs	-200 lbs	-120 lbs
32	HRoll		0 lbs	780 lbs	0 lbs	-170 lbs	0 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
7-4-3	26-0-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-12	0.90	-1485 lbs	-1485 lbs	1-11	0.19	1321 lbs	-258 lbs	1-9	0.14	986 lbs	-916 lbs	20-36	0.02	312 lbs	-24 lbs
12-14	0.78	-2775 lbs	-2775 lbs	11-13	0.45	2511 lbs	-1334 lbs	11-12	0.16	1747 lbs	-1106 lbs	34-37	0.02	382 lbs	-99 lbs
14-16	0.33	-3525 lbs	-3525 lbs	13-15	0.45	3069 lbs	-1513 lbs	13-14	0.01	-98 lbs	-98 lbs	11-14	0.64	-3585 lbs	-3585 lbs
16-18	0.39	-4005 lbs	-4005 lbs	15-17	0.52	3710 lbs	-1712 lbs	15-16	0.08	-546 lbs	-546 lbs				
18-20	0.46	-4785 lbs	-4785 lbs	17-19	0.57	4220 lbs	-1815 lbs	17-18	0.04	-289 lbs	-289 lbs				
20-35	0.72	-4919 lbs	-4919 lbs	19-36	0.65	4811 lbs	-1935 lbs	22-23	0.03	-215 lbs	-215 lbs				
7-35	0.54	-3782 lbs	-3782 lbs	2-36	0.68	4811 lbs	-1891 lbs	24-25	0.07	-500 lbs	-500 lbs				
7-38	0.55	-3788 lbs	-3788 lbs	2-37	0.66	4839 lbs	-1831 lbs	26-27	0.08	-577 lbs	-577 lbs				
34-38	0.72	-4922 lbs	-4922 lbs	21-37	0.64	4839 lbs	-1831 lbs	28-29	0.15	-988 lbs	-988 lbs				
23-34	0.45	-4840 lbs	-4840 lbs	21-22	0.51	4350 lbs	-1611 lbs	10-30	0.07	-472 lbs	-472 lbs				
23-25	0.42	-4186 lbs	-4186 lbs	22-24	0.44	3948 lbs	-1439 lbs	32-33	0.08	-518 lbs	-518 lbs				
25-27	0.38	-3802 lbs	-3802 lbs	24-26	0.39	3390 lbs	-1286 lbs	21-34	0.13	-884 lbs	-884 lbs				
27-29	0.28	-3038 lbs	-3038 lbs	26-28	0.32	2545 lbs	-1037 lbs	19-20	0.15	-994 lbs	-994 lbs				
29-30	0.44	-2304 lbs	-2304 lbs	3-28	0.25	1581 lbs	-679 lbs	35-36	0.16	2483 lbs	-1068 lbs				
30-33	0.27	-428 lbs	-428 lbs	3-10	0.11	0 lbs	0 lbs	37-38	0.14	2521 lbs	-938 lbs				
8-33	0.09	-229 lbs	-229 lbs	10-32	0.11	0 lbs	0 lbs	14-15	0.04	770 lbs	-275 lbs				
5-9	0.02	0 lbs	0 lbs	4-32	0.05	0 lbs	0 lbs	16-17	0.03	515 lbs	-153 lbs				
6-9	0.18	0 lbs	0 lbs					18-19	0.02	493 lbs	-101 lbs				
								21-23	0.03	411 lbs	-169 lbs				
								22-25	0.03	426 lbs	-170 lbs				
								24-27	0.04	753 lbs	-282 lbs				
								26-29	0.04	669 lbs	-246 lbs				
								26-30	0.12	1862 lbs	-799 lbs				
								1-12	0.29	-1675 lbs	-1675 lbs				

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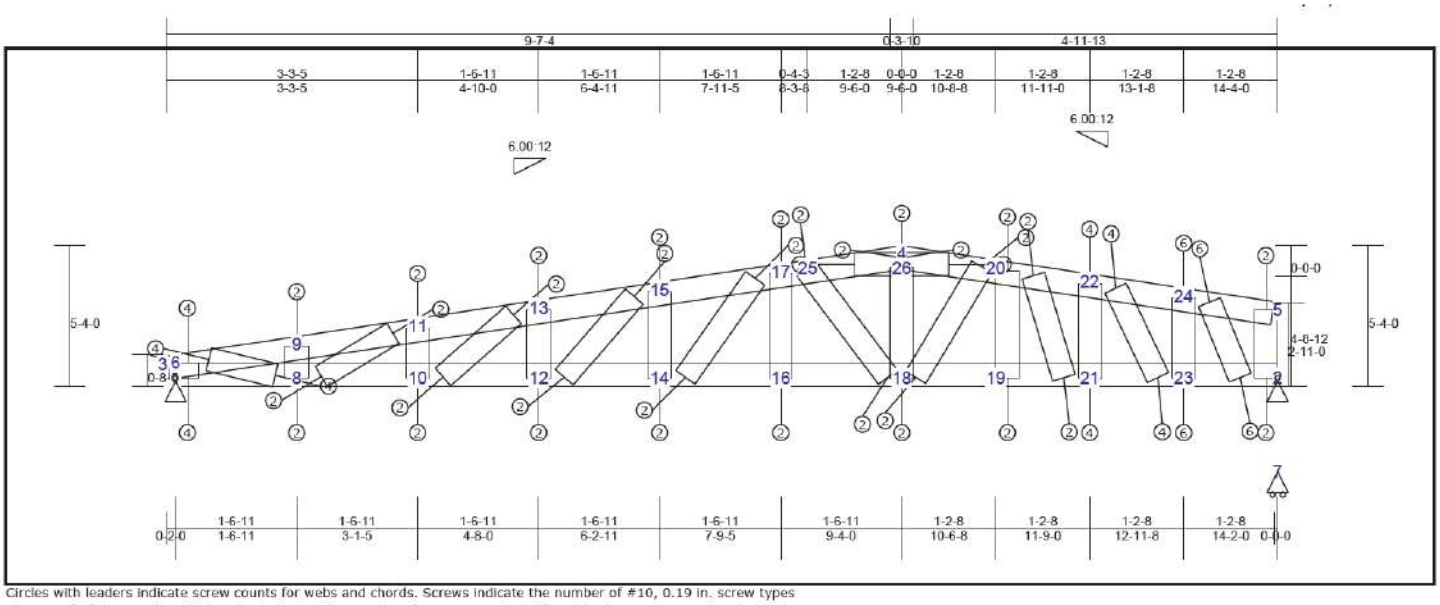
TRUSS TB74 (spacing 24 in)



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 :	0.50 (24 - 5)	TL(V): 0.04 in.	L / 999	(12-14)	L / 360
BC :	0.56 (23 - 2)	LL(V): 0.02 in.	L / 999	(12-14)	L / 360
Web :	0.70 (24 - 2)	DL(V): 0.02 in.	L / 999	(12-14)	L / 0
		Cant / OH TL: 0.01 in.	2L / 84	5	2L / 360
		Cant / OH LL: 0.01 in.	2L / 84	5	2L / 360
		Horiz TL: 0.02 in.		5	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(13-15)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 84	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		570 lbs	890 lbs	0 lbs	-220 lbs	570 lbs
2	Pin		-620 lbs	880 lbs	0 lbs	-180 lbs	-620 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
5-4-0	14-4-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.01	13 lbs	0 lbs	1-8	0.26	-574 lbs	-574 lbs	1-6	0.26	-965 lbs	-965 lbs
6-9	0.43	-1082 lbs	-1082 lbs	8-10	0.26	409 lbs	-269 lbs	8-9	0.14	-531 lbs	-531 lbs
9-11	0.20	-1184 lbs	-1184 lbs	10-12	0.17	409 lbs	-269 lbs	10-11	0.01	127 lbs	-51 lbs
11-13	0.22	-1174 lbs	-1174 lbs	12-14	0.27	342 lbs	-203 lbs	12-13	0.13	-433 lbs	-433 lbs
13-15	0.24	-1156 lbs	-1156 lbs	14-16	0.27	210 lbs	-105 lbs	14-15	0.34	-728 lbs	-728 lbs
15-17	0.31	-1073 lbs	-1073 lbs	16-18	0.23	91 lbs	-75 lbs	16-17	0.00	33 lbs	-7 lbs
17-25	0.26	-718 lbs	-718 lbs	18-19	0.22	-168 lbs	-168 lbs	21-22	0.24	890 lbs	-440 lbs
4-25	0.26	-718 lbs	-718 lbs	19-21	0.25	-224 lbs	-224 lbs	23-24	0.32	1644 lbs	-765 lbs
4-20	0.31	-714 lbs	-714 lbs	21-23	0.44	-409 lbs	-409 lbs	2-5	0.03	221 lbs	-110 lbs
20-22	0.26	-714 lbs	-714 lbs	2-23	0.56	-623 lbs	-623 lbs	19-20	0.04	-65 lbs	-65 lbs
22-24	0.28	-807 lbs	-807 lbs					25-26	0.13	-588 lbs	-588 lbs
5-24	0.50	-847 lbs	-847 lbs					20-26	0.13	-588 lbs	-588 lbs
								18-26	0.11	206 lbs	-148 lbs
								8-11	0.05	-190 lbs	-190 lbs
								10-13	0.06	207 lbs	-205 lbs
								12-15	0.17	525 lbs	-386 lbs
								14-17	0.30	678 lbs	-474 lbs
								20-21	0.41	-633 lbs	-633 lbs
								22-23	0.69	-1308 lbs	-1308 lbs
								2-24	0.70	-1778 lbs	-1778 lbs
								6-8	0.13	1149 lbs	-493 lbs
								18-20	0.26	550 lbs	-349 lbs
								17-18	0.47	-638 lbs	-638 lbs

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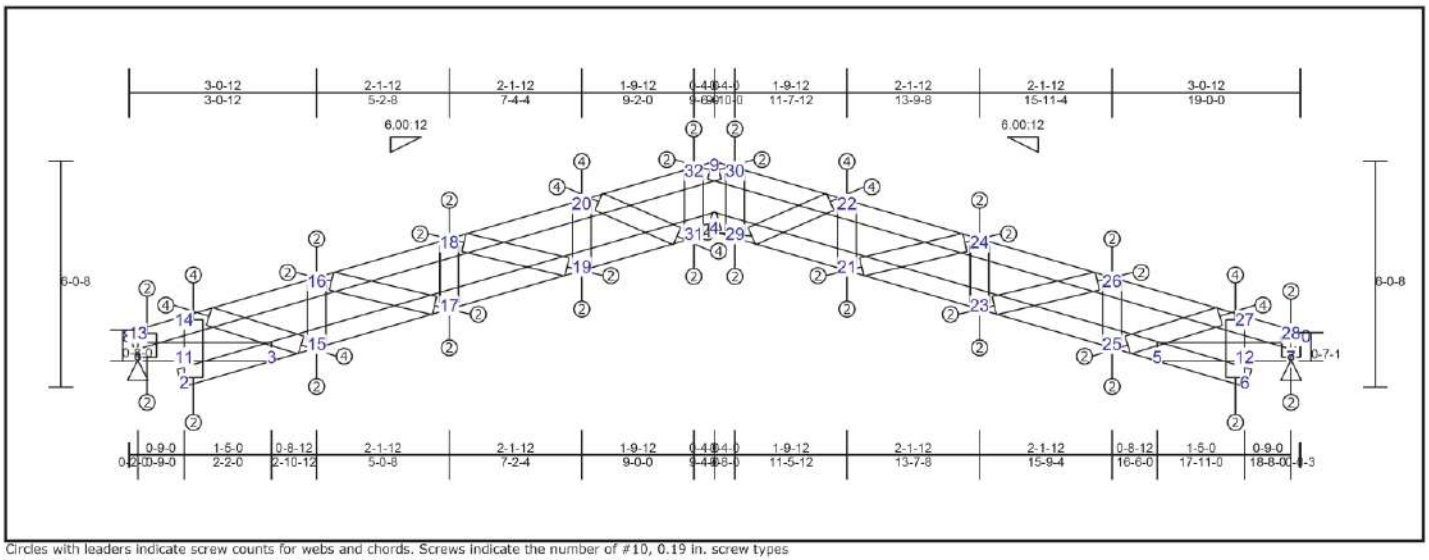
TRUSS TB75 (spacing 24 in)



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 (26 - 27)	TL(V): 0.05 in.	L / 999	(22-24)	L / 360
BC :	0.82 (5 - 12)	LL(V): 0.03 in.	L / 999	(22-24)	L / 360
Web :	0.48 (12 - 27)	DL(V): 0.02 in.	L / 999	(22-24)	L / 0
		Cant / OH TL: 0.03 in.	2L / 999	(22-24)	2L / 360
		Cant / OH LL: 0.03 in.	2L / 999	(22-24)	2L / 360
		Horiz TL: 0.01 in.		10	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(22-24)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(22-24)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1310 lbs	1230 lbs	0 lbs	-290 lbs	1310 lbs
7	Pin		-1310 lbs	1210 lbs	0 lbs	-280 lbs	-1310 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-43(33)	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
6-0-8	19-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
9-30	0.11	-417 lbs	-417 lbs	2-3	0.03	95 lbs	-75 lbs	1-13	0.02	-165 lbs	-165 lbs
22-30	0.31	-1063 lbs	-1063 lbs	3-15	0.16	-396 lbs	-396 lbs	2-11	0.03	34 lbs	-7 lbs
22-24	0.33	-1836 lbs	-1836 lbs	15-17	0.12	-387 lbs	-387 lbs	11-14	0.44	-1055 lbs	-1055 lbs
24-26	0.33	-1955 lbs	-1955 lbs	17-19	0.13	-387 lbs	-387 lbs	15-16	0.07	-479 lbs	-479 lbs
26-27	0.53	-1955 lbs	-1955 lbs	19-31	0.43	-763 lbs	-763 lbs	17-18	0.01	72 lbs	-34 lbs
27-28	0.11	-82 lbs	-82 lbs	4-31	0.33	-862 lbs	-862 lbs	19-20	0.07	751 lbs	-461 lbs
10-28	0.06	-82 lbs	-82 lbs	4-29	0.33	-862 lbs	-862 lbs	21-22	0.07	782 lbs	-477 lbs
8-13	0.01	12 lbs	0 lbs	21-29	0.43	-751 lbs	-751 lbs	23-24	0.01	102 lbs	-46 lbs
13-14	0.06	-62 lbs	-62 lbs	21-23	0.14	-423 lbs	-423 lbs	25-26	0.07	-491 lbs	-491 lbs
14-16	0.48	-1866 lbs	-1866 lbs	23-25	0.14	-423 lbs	-423 lbs	6-12	0.04	35 lbs	-13 lbs
16-18	0.31	-1883 lbs	-1883 lbs	5-25	0.13	-301 lbs	-301 lbs	12-27	0.48	-1035 lbs	-1035 lbs
18-20	0.33	-1781 lbs	-1781 lbs	5-6	0.04	140 lbs	-97 lbs	7-28	0.03	-198 lbs	-198 lbs
20-32	0.30	-1044 lbs	-1044 lbs	1-11	0.66	-1310 lbs	-1310 lbs	29-30	0.03	255 lbs	-225 lbs
9-32	0.10	-425 lbs	-425 lbs	3-11	0.76	-1310 lbs	-1310 lbs	31-32	0.03	228 lbs	-214 lbs
				5-12	0.82	-1310 lbs	-1310 lbs	14-15	0.06	815 lbs	-392 lbs
				7-12	0.70	-1310 lbs	-1310 lbs	16-17	0.01	46 lbs	-37 lbs
								18-19	0.07	-484 lbs	-484 lbs
								21-24	0.08	-518 lbs	-518 lbs
								23-26	0.00	32 lbs	-23 lbs
								25-27	0.06	809 lbs	-390 lbs
								20-31	0.15	-1005 lbs	-1005 lbs
								22-29	0.15	-1041 lbs	-1041 lbs

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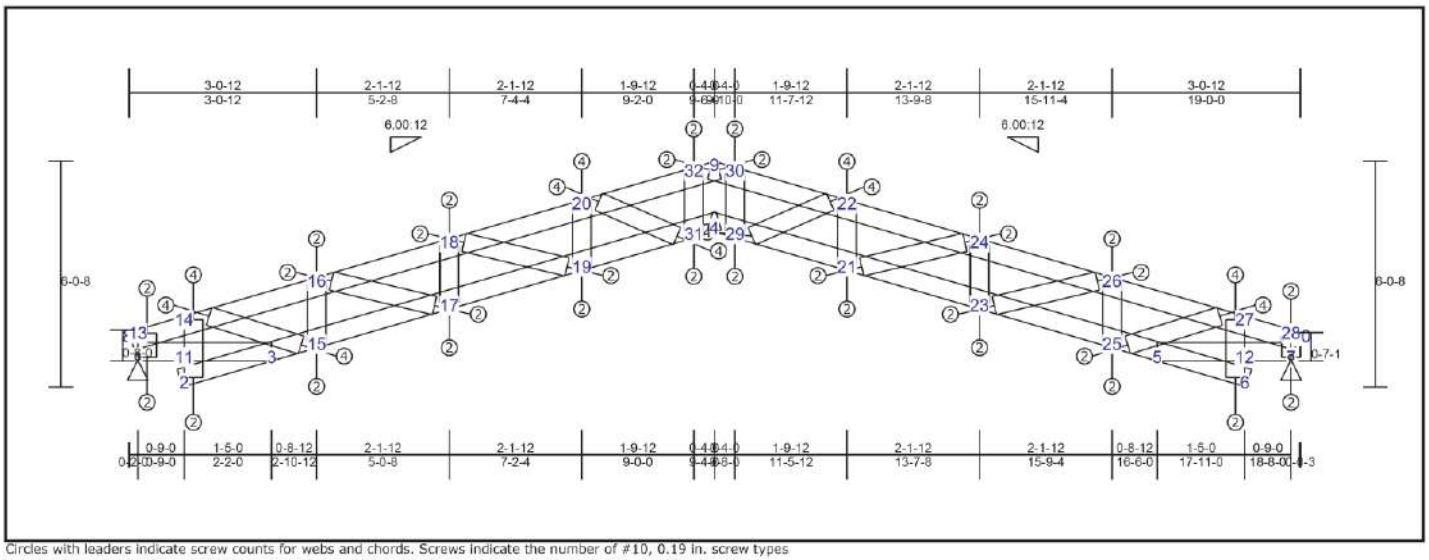
TRUSS TB76 (spacing 24 in)



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 (26 - 27)	TL(V): 0.05 in.	L / 999	(22-24)	L / 360
BC :	0.82 (5 - 12)	LL(V): 0.03 in.	L / 999	(22-24)	L / 360
Web :	0.48 (12 - 27)	DL(V): 0.02 in.	L / 999	(22-24)	L / 0
		Cant / OH TL: 0.03 in.	2L / 999	(22-24)	2L / 360
		Cant / OH LL: 0.03 in.	2L / 999	(22-24)	2L / 360
		Horiz TL: 0.01 in.		10	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(22-24)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(22-24)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1310 lbs	1230 lbs	0 lbs	-290 lbs	1310 lbs
7	Pin		-1310 lbs	1210 lbs	0 lbs	-280 lbs	-1310 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-43(33)	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
6-0-8	19-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
9-30	0.11	-417 lbs	-417 lbs	2-3	0.03	95 lbs	-75 lbs	1-13	0.02	-165 lbs	-165 lbs
22-30	0.31	-1063 lbs	-1063 lbs	3-15	0.16	-396 lbs	-396 lbs	2-11	0.03	34 lbs	-7 lbs
22-24	0.33	-1836 lbs	-1836 lbs	15-17	0.12	-387 lbs	-387 lbs	11-14	0.44	-1055 lbs	-1055 lbs
24-26	0.33	-1955 lbs	-1955 lbs	17-19	0.13	-387 lbs	-387 lbs	15-16	0.07	-479 lbs	-479 lbs
26-27	0.53	-1955 lbs	-1955 lbs	19-31	0.43	-763 lbs	-763 lbs	17-18	0.01	72 lbs	-34 lbs
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8-13	0.01	12 lbs	0 lbs	21-29	0.43	-751 lbs	-751 lbs	23-24	0.01	102 lbs	-46 lbs
13-14	0.06	-62 lbs	-62 lbs	21-23	0.14	-423 lbs	-423 lbs	25-26	0.07	-491 lbs	-491 lbs
14-16	0.48	-1866 lbs	-1866 lbs	23-25	0.14	-423 lbs	-423 lbs	6-12	0.04	35 lbs	-13 lbs
16-18	0.31	-1883 lbs	-1883 lbs	5-25	0.13	-301 lbs	-301 lbs	12-27	0.48	-1035 lbs	-1035 lbs
18-20	0.33	-1781 lbs	-1781 lbs	5-6	0.04	140 lbs	-97 lbs	7-28	0.03	-198 lbs	-198 lbs
20-32	0.30	-1044 lbs	-1044 lbs	1-11	0.66	-1310 lbs	-1310 lbs	29-30	0.03	255 lbs	-225 lbs
9-32	0.10	-425 lbs	-425 lbs	3-11	0.76	-1310 lbs	-1310 lbs	31-32	0.03	228 lbs	-214 lbs
				5-12	0.82	-1310 lbs	-1310 lbs	14-15	0.06	815 lbs	-392 lbs
				7-12	0.70	-1310 lbs	-1310 lbs	16-17	0.01	46 lbs	-37 lbs
								18-19	0.07	-484 lbs	-484 lbs
								21-24	0.08	-518 lbs	-518 lbs
								23-26	0.00	32 lbs	-23 lbs
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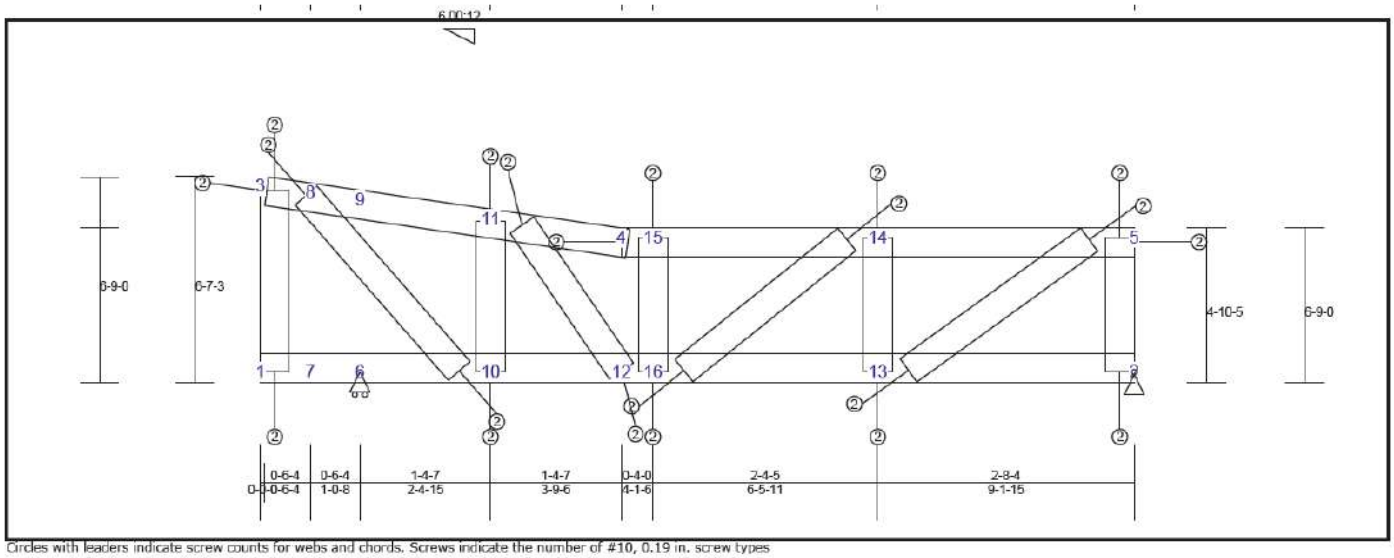

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Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.12 (11 - 4)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.18 (1 - 6)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.51 (10 - 11)	DL(V): 0 in.	L / 999	3	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: 0 in.		5	
		Web :			
		Snow/Wind 0 in.	L / 999	(4-15)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-120 lbs	630 lbs	0 lbs	-100 lbs	-120 lbs
6	HRoll		0 lbs	630 lbs	0 lbs	-220 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-54(50)	Sheathing
Bot Chd	362S162-54(50)	Purlin (8 in.)
Web	362S162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-8-3	9-1-15

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.08	-181 lbs	-181 lbs	1-6	0.18	0 lbs	0 lbs	1-3	0.39	-334 lbs	-334 lbs
4-11	0.12	-236 lbs	-236 lbs	6-10	0.18	90 lbs	-27 lbs	10-11	0.61	-809 lbs	-809 lbs
4-15	0.06	-171 lbs	-171 lbs	10-16	0.17	204 lbs	-65 lbs	13-14	0.20	-348 lbs	-348 lbs
14-15	0.06	-171 lbs	-171 lbs	13-16	0.09	204 lbs	-93 lbs	2-5	0.27	-463 lbs	-463 lbs
5-14	0.12	-162 lbs	-162 lbs	2-13	0.08	200 lbs	-122 lbs	15-16	0.22	-377 lbs	-377 lbs
								5-13	0.05	435 lbs	-109 lbs
								11-16	0.14	592 lbs	-200 lbs
								14-16	0.03	120 lbs	-51 lbs
								3-10	0.12	366 lbs	-110 lbs

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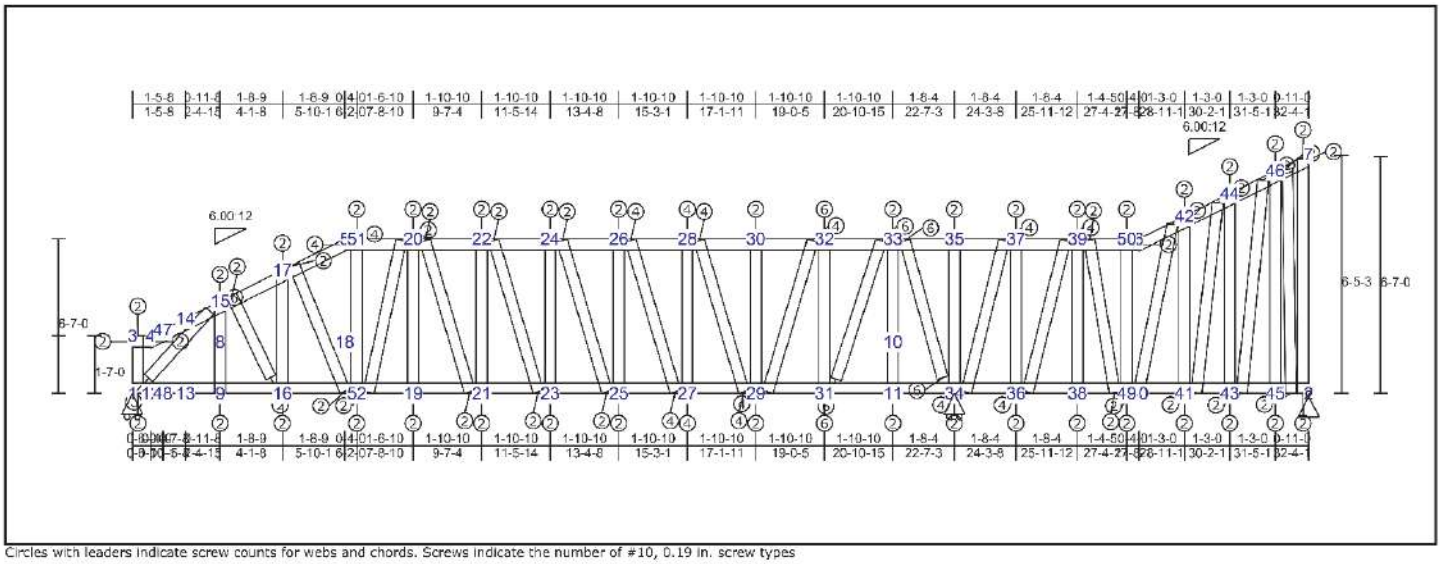
TRUSS TB78 (spacing 24 in)



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 (33 - 35)	TL(V): 0.06 in.	L / 999	(23-25)	L / 360
BC :	0.43 (11 - 34)	LL(V): 0.04 in.	L / 999	(23-25)	L / 360
Web :	0.97 (31 - 32)	DL(V): 0.03 in.	L / 999	(23-25)	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.		1	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(23-25)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	2340 lbs	0 lbs	-360 lbs	0 lbs
2	Pin		330 lbs	2340 lbs	0 lbs	-150 lbs	330 lbs
7	NA		330 lbs	330 lbs	0 lbs	-150 lbs	330 lbs
34	HRoll		0 lbs	2340 lbs	0 lbs	-760 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-54(50)	Sheathing
Bot Chd	362S162-54(50)	Purlin (8 in.)
Web	362S162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-6-3	32-4-1

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
4-15	0.20	-1480 lbs	-1480 lbs	1-9	0.24	1117 lbs	-590 lbs	9-15	0.00	61 lbs	-13 lbs	24-25	0.21	-432 lbs	-432 lbs
15-17	0.18	-1547 lbs	-1547 lbs	9-16	0.11	1261 lbs	-633 lbs	16-17	0.12	-413 lbs	-413 lbs	26-27	0.41	-830 lbs	-830 lbs
5-17	0.15	-1547 lbs	-1547 lbs	16-52	0.15	1302 lbs	-633 lbs	15-20	0.00	37 lbs	-9 lbs	28-29	0.60	-1201 lbs	-1201 lbs
5-51	0.18	-1359 lbs	-1359 lbs	19-52	0.15	1455 lbs	-709 lbs	21-22	0.13	-292 lbs	-292 lbs	29-32	0.42	1473 lbs	-859 lbs
20-51	0.18	-1512 lbs	-1512 lbs	19-21	0.12	1552 lbs	-751 lbs	23-24	0.05	151 lbs	-110 lbs	31-33	0.55	1877 lbs	-1086 lbs
20-22	0.19	-1609 lbs	-1609 lbs	21-23	0.12	1552 lbs	-751 lbs	25-26	0.13	489 lbs	-299 lbs	34-37	0.39	-818 lbs	-618 lbs
22-24	0.15	-1609 lbs	-1609 lbs	23-25	0.13	1539 lbs	-731 lbs	27-28	0.27	1029 lbs	-806 lbs	36-39	0.45	-924 lbs	-924 lbs
24-26	0.16	-1586 lbs	-1596 lbs	25-27	0.15	1416 lbs	-651 lbs	29-30	0.08	-188 lbs	-188 lbs	41-44	0.07	121 lbs	-100 lbs
26-28	0.21	-1473 lbs	-1473 lbs	27-29	0.26	1180 lbs	-508 lbs	31-32	0.97	-2000 lbs	-2000 lbs	43-46	0.29	449 lbs	-325 lbs
28-30	0.21	-1237 lbs	-1237 lbs	29-31	0.35	839 lbs	-305 lbs	11-33	0.07	-165 lbs	-165 lbs	33-34	0.89	-1749 lbs	-1749 lbs
30-32	0.32	-896 lbs	-896 lbs	11-31	0.35	420 lbs	-214 lbs	34-35	0.06	269 lbs	-145 lbs	39-49	0.12	626 lbs	-255 lbs
32-33	0.36	-477 lbs	-477 lbs	11-34	0.43	-623 lbs	-623 lbs	36-37	0.13	723 lbs	-300 lbs	42-49	0.17	-300 lbs	-300 lbs
33-35	0.37	566 lbs	-368 lbs	34-38	0.43	-623 lbs	-623 lbs	38-39	0.02	84 lbs	-37 lbs	20-52	0.35	-732 lbs	-732 lbs
35-37	0.15	566 lbs	-366 lbs	38-38	0.17	454 lbs	-444 lbs	41-42	0.01	82 lbs	-14 lbs	17-52	0.01	117 lbs	-5 lbs
37-39	0.16	389 lbs	-274 lbs	38-49	0.12	351 lbs	-273 lbs	42-44	0.27	-378 lbs	-378 lbs	2-46	0.26	-258 lbs	-258 lbs
39-50	0.14	-171 lbs	-171 lbs	41-49	0.11	314 lbs	-166 lbs	45-46	0.17	-181 lbs	-181 lbs	1-15	0.41	-1664 lbs	-1664 lbs
6-50	0.05	-128 lbs	-129 lbs	41-43	0.08	319 lbs	-187 lbs	1-3	0.00	-21 lbs	-21 lbs				
3-4	0.00	0 lbs	0 lbs	43-45	0.08	331 lbs	-209 lbs	49-50	0.14	-312 lbs	-312 lbs				
6-42	0.04	-156 lbs	-158 lbs	2-45	0.08	332 lbs	-210 lbs	51-52	0.18	898 lbs	-396 lbs				
42-44	0.05	-124 lbs	-124 lbs					2-7	0.01	-11 lbs	-11 lbs				
44-46	0.11	166 lbs	-142 lbs					15-16	0.02	333 lbs	-101 lbs				
7-46	0.04	99 lbs	-82 lbs					20-21	0.07	342 lbs	-147 lbs				
								22-23	0.03	68 lbs	-59 lbs				

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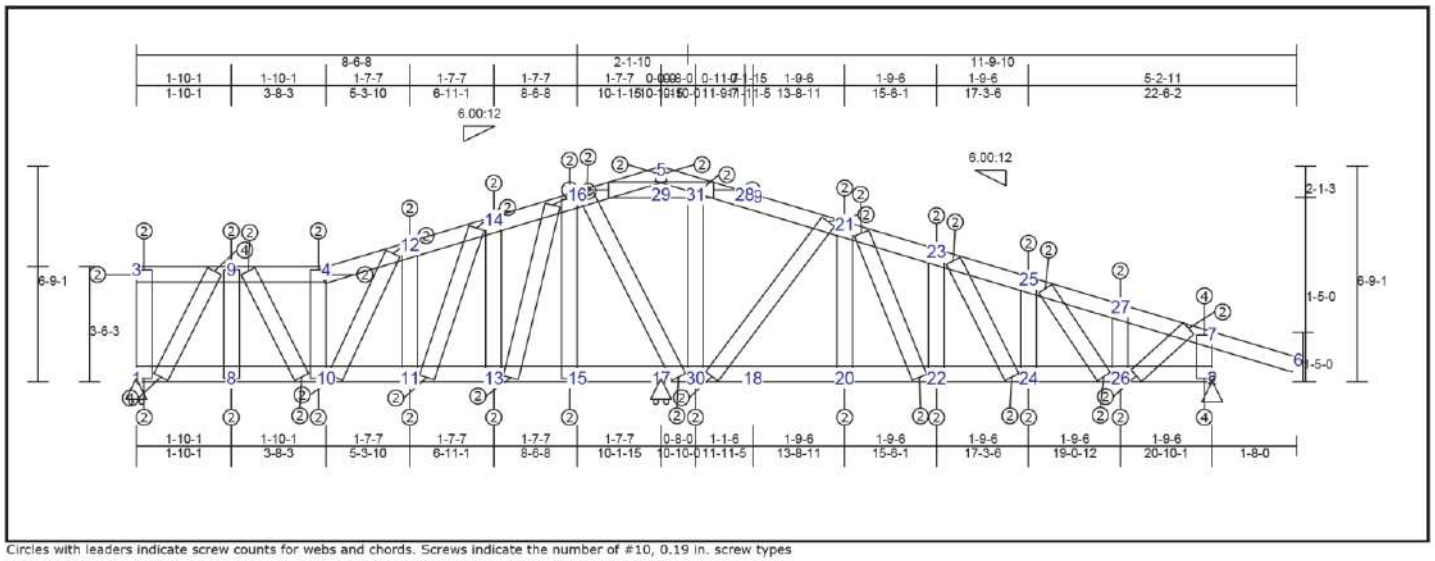
TRUSS TB79 (spacing 24 in)



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 (27 - 7)	TL(V): 0.02 in.	L / 999	(10-11)	L / 360
BC :	0.61 (15 - 17)	LL(V): 0.01 in.	L / 999	(10-11)	L / 360
Web :	0.72 (30 - 21)	DL(V): 0.01 in.	L / 999	(10-11)	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.		23	
		Web :			
		Snow/Wind -0.03 in.	L / 999	6	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	6	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1370 lbs	0 lbs	-190 lbs	0 lbs
2	Pin		0 lbs	1370 lbs	0 lbs	-220 lbs	0 lbs
17	HRoll		0 lbs	1370 lbs	0 lbs	-220 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-9-1	22-6-2

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.26	-229 lbs	-229 lbs	1-8	0.31	229 lbs	-128 lbs	1-3	0.01	38 lbs	-23 lbs
4-9	0.21	-351 lbs	-351 lbs	8-10	0.19	351 lbs	-194 lbs	8-9	0.04	187 lbs	-97 lbs
4-12	0.11	-444 lbs	-444 lbs	10-11	0.19	351 lbs	-194 lbs	4-10	0.23	-551 lbs	-551 lbs
12-14	0.20	-432 lbs	-432 lbs	11-13	0.24	294 lbs	-157 lbs	11-12	0.26	-432 lbs	-432 lbs
14-16	0.26	-321 lbs	-321 lbs	13-15	0.24	183 lbs	-103 lbs	13-14	0.57	-679 lbs	-679 lbs
5-16	0.23	176 lbs	-144 lbs	15-17	0.61	81 lbs	-71 lbs	20-21	0.06	179 lbs	-79 lbs
5-28	0.03	168 lbs	-113 lbs	17-30	0.61	-82 lbs	-82 lbs	22-23	0.28	-528 lbs	-528 lbs
21-28	0.26	168 lbs	-113 lbs	20-30	0.33	-260 lbs	-260 lbs	24-25	0.04	161 lbs	-108 lbs
21-23	0.21	-514 lbs	-514 lbs	20-22	0.20	358 lbs	-339 lbs	26-27	0.07	-265 lbs	-265 lbs
23-25	0.12	-516 lbs	-516 lbs	22-24	0.20	428 lbs	-404 lbs	2-7	0.24	-876 lbs	-876 lbs
25-27	0.08	-516 lbs	-516 lbs	24-26	0.17	428 lbs	-404 lbs	15-16	0.49	-449 lbs	-449 lbs
7-27	0.29	-420 lbs	-420 lbs	2-26	0.17	-394 lbs	-394 lbs	16-31	0.05	196 lbs	-123 lbs
6-7	0.24	74 lbs	0 lbs					28-31	0.05	196 lbs	-123 lbs
								30-31	0.15	-123 lbs	-123 lbs
								1-9	0.35	-790 lbs	-790 lbs
								10-12	0.08	210 lbs	-138 lbs
								11-14	0.29	569 lbs	-369 lbs
								13-16	0.48	717 lbs	-457 lbs
								21-22	0.25	449 lbs	-338 lbs
								23-24	0.12	245 lbs	-224 lbs
								25-26	0.06	-178 lbs	-178 lbs
								9-10	0.10	418 lbs	-227 lbs
								7-26	0.05	541 lbs	-122 lbs
								16-30	0.56	-423 lbs	-423 lbs

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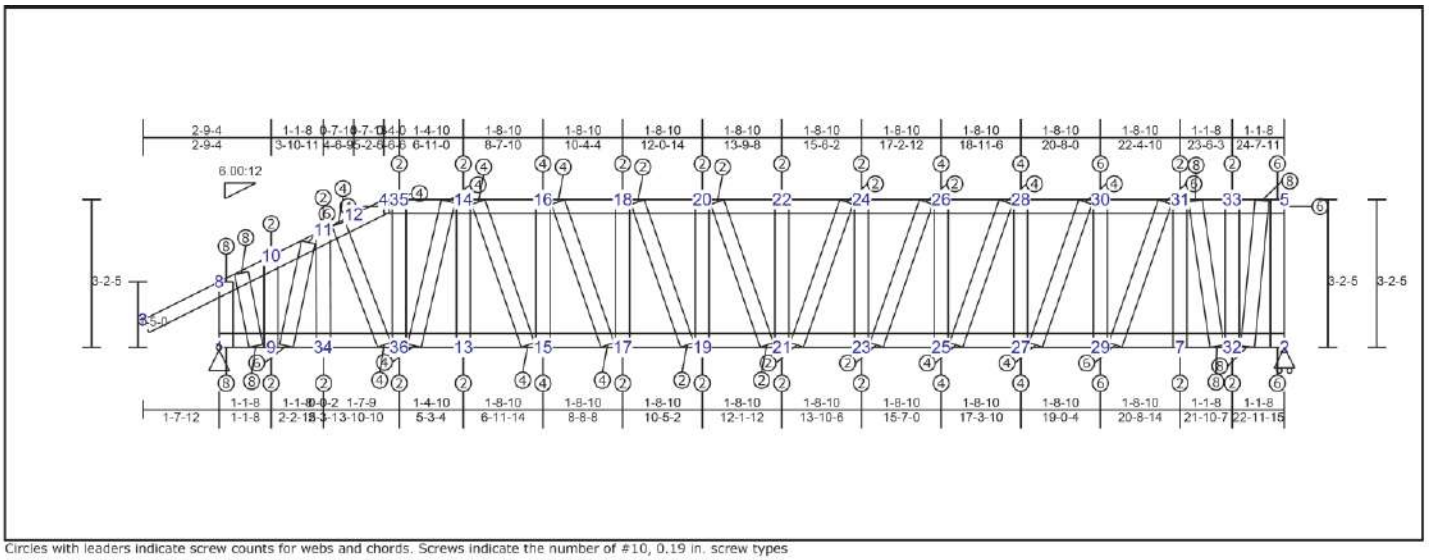
TRUSS TB80 (spacing 24 in)



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 (33 - 5)	TL(V): 0.14 in.	L / 999	(22-24)	L / 360
BC :	0.67 (7 - 32)	LL(V): 0.08 in.	L / 999	(22-24)	L / 360
Web :	0.86 (31 - 32)	DL(V): 0.06 in.	L / 999	(20-22)	L / 0
		Cant / OH TL: -0.03 in.	2L / 999	3	2L / 360
		Cant / OH LL: -0.03 in.	2L / 999	3	2L / 360
		Horiz TL: -0.02 in.		3	
		Web :			
		Snow/Wind -0.08 in.	L / 999	(22-24)	L / 360
		Cant (Snow/Wind) 0.02 in.	L / 999	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		200 lbs	1590 lbs	0 lbs	-570 lbs	200 lbs
2	HRoll		0 lbs	1370 lbs	0 lbs	-470 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-54(50)	Sheathing
Bot Chd	362S162-54(50)	Purlin (8 in.)
Web	362S162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
3-2-5	24-7-11

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.10	73 lbs	0 lbs	1-9	0.46	597 lbs	-319 lbs	1-8	0.36	-2441 lbs	-2441 lbs
8-10	0.50	-1019 lbs	-1019 lbs	6-9	0.44	1027 lbs	-427 lbs	9-10	0.07	-455 lbs	-455 lbs
10-11	0.29	-1704 lbs	-1704 lbs	6-36	0.24	1479 lbs	-549 lbs	13-14	0.01	125 lbs	-32 lbs
4-11	0.37	-1590 lbs	-1590 lbs	13-36	0.30	1820 lbs	-663 lbs	15-16	0.33	-1217 lbs	-1217 lbs
4-35	0.13	-1479 lbs	-1479 lbs	13-15	0.24	2225 lbs	-793 lbs	17-18	0.17	-649 lbs	-649 lbs
14-35	0.29	-1820 lbs	-1820 lbs	15-17	0.24	2496 lbs	-879 lbs	19-20	0.07	-279 lbs	-279 lbs
14-16	0.36	-2225 lbs	-2225 lbs	17-19	0.20	2633 lbs	-920 lbs	21-22	0.06	-220 lbs	-220 lbs
16-18	0.25	-2496 lbs	-2496 lbs	19-21	0.18	2649 lbs	-920 lbs	23-24	0.15	-563 lbs	-563 lbs
18-20	0.25	-2633 lbs	-2633 lbs	21-23	0.19	2649 lbs	-919 lbs	25-26	0.25	-927 lbs	-927 lbs
20-22	0.23	-2649 lbs	-2649 lbs	23-25	0.21	2546 lbs	-880 lbs	27-28	0.33	-1230 lbs	-1230 lbs
22-24	0.24	-2649 lbs	-2649 lbs	25-27	0.23	2316 lbs	-798 lbs	29-30	0.59	-2138 lbs	-2138 lbs
24-26	0.26	-2546 lbs	-2546 lbs	27-29	0.40	1967 lbs	-676 lbs	7-31	0.04	439 lbs	-144 lbs
26-28	0.26	-2316 lbs	-2316 lbs	7-29	0.40	1478 lbs	-507 lbs	32-33	0.01	120 lbs	-39 lbs
28-30	0.29	-1967 lbs	-1967 lbs	7-32	0.67	713 lbs	-245 lbs	2-5	0.58	-2103 lbs	-2103 lbs
30-31	0.53	-1478 lbs	-1478 lbs	2-32	0.47	272 lbs	-93 lbs	6-11	0.01	227 lbs	-34 lbs
31-33	0.46	-713 lbs	-713 lbs					35-36	0.05	434 lbs	-192 lbs
5-33	0.56	-272 lbs	-272 lbs					8-9	0.14	2781 lbs	-769 lbs
								14-15	0.11	1236 lbs	-403 lbs
								16-17	0.08	828 lbs	-268 lbs
								18-19	0.04	419 lbs	-131 lbs
								20-21	0.00	48 lbs	-7 lbs
								21-24	0.03	315 lbs	-118 lbs
								23-26	0.07	701 lbs	-251 lbs
								25-28	0.11	1066 lbs	-373 lbs
								27-30	0.15	1492 lbs	-516 lbs

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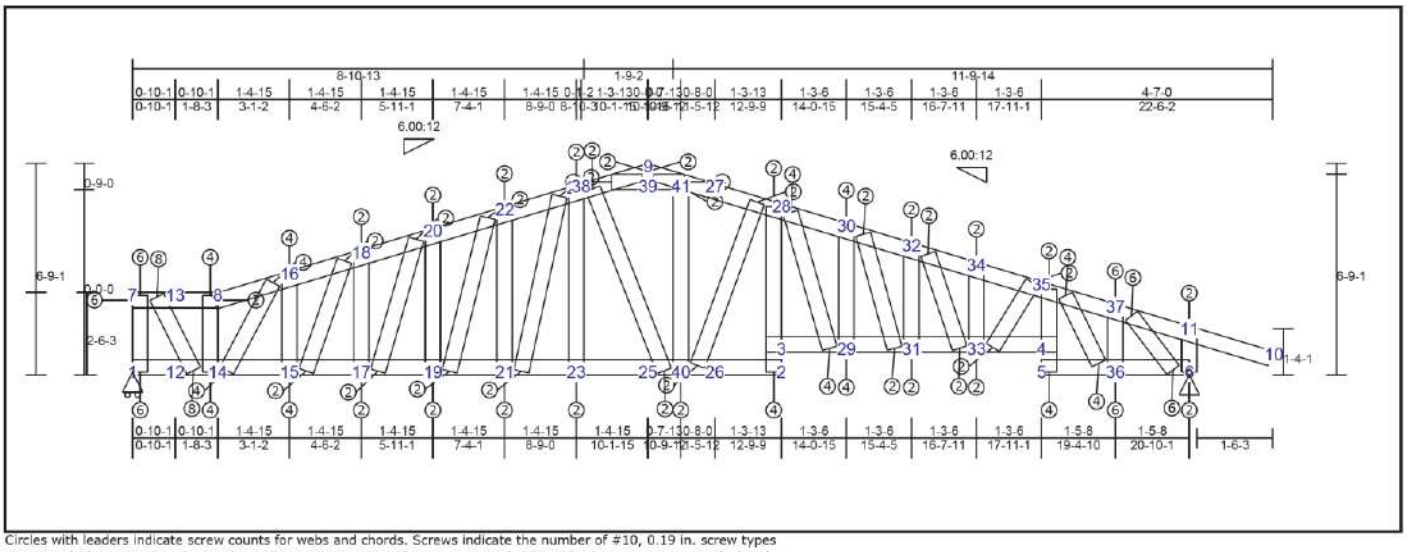
TRUSS TB81 (spacing 24 in)



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 (7 - 8)	TL(V): 0.1 in.	L / 999	30	L / 360
BC :	0.79 (1 - 14)	LL(V): 0.06 in.	L / 999	30	L / 360
Web :	0.97 (4 - 35)	DL(V): 0.05 in.	L / 999	30	L / 0
		Cant / OH TL: 0.06 in.	2L / 744	30	2L / 360
		Cant / OH LL: 0.06 in.	2L / 744	30	2L / 360
		Horiz TL: -0.03 in.		1	
		Web :			
		Snow/Wind -0.06 in.	L / 999	30	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 724	30	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1280 lbs	0 lbs	-280 lbs	0 lbs
6	Pin		-290 lbs	1480 lbs	0 lbs	-400 lbs	-290 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-9-1	22-6-2

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-8	0.84	-660 lbs	-660 lbs	1-14	0.79	660 lbs	-175 lbs	1-7	0.47	-1665 lbs	-1665 lbs
8-16	0.39	-1644 lbs	-1644 lbs	14-15	0.65	1084 lbs	-277 lbs	8-14	0.27	-965 lbs	-965 lbs
16-18	0.31	-1450 lbs	-1450 lbs	15-17	0.23	1188 lbs	-290 lbs	15-16	0.10	1016 lbs	-250 lbs
18-20	0.24	-1438 lbs	-1438 lbs	17-19	0.20	1195 lbs	-290 lbs	17-18	0.02	182 lbs	-49 lbs
20-22	0.26	-1454 lbs	-1454 lbs	19-21	0.23	1195 lbs	-289 lbs	19-20	0.13	256 lbs	-193 lbs
22-24	0.33	-1454 lbs	-1454 lbs	21-23	0.23	1156 lbs	-285 lbs	21-22	0.45	-512 lbs	-512 lbs
24-38	0.18	-1152 lbs	-1152 lbs	23-40	0.25	1095 lbs	-290 lbs	23-24	0.04	56 lbs	-38 lbs
9-38	0.37	-1160 lbs	-1160 lbs	2-40	0.25	1202 lbs	-352 lbs	2-3	0.64	46 lbs	-34 lbs
9-27	0.22	-1370 lbs	-1370 lbs	3-29	0.77	1501 lbs	-461 lbs	3-28	0.37	-610 lbs	-610 lbs
27-28	0.36	-1370 lbs	-1370 lbs	29-31	0.35	1592 lbs	-507 lbs	29-30	0.45	-843 lbs	-843 lbs
28-30	0.54	-1898 lbs	-1898 lbs	31-33	0.30	1654 lbs	-547 lbs	31-32	0.18	-468 lbs	-468 lbs
30-32	0.37	-1900 lbs	-1900 lbs	4-33	0.58	1654 lbs	-547 lbs	33-34	0.13	-467 lbs	-467 lbs
32-34	0.34	-1935 lbs	-1935 lbs	5-36	0.40	1165 lbs	-415 lbs	4-5	0.62	129 lbs	-35 lbs
34-35	0.53	-1935 lbs	-1935 lbs	6-36	0.63	843 lbs	-366 lbs	4-35	0.97	-216 lbs	-216 lbs
35-37	0.43	-1858 lbs	-1858 lbs					36-37	0.14	1526 lbs	-324 lbs
11-37	0.49	-1499 lbs	-1499 lbs					6-11	0.07	377 lbs	-262 lbs
10-11	0.20	202 lbs	-69 lbs					27-38	0.19	-1414 lbs	-1414 lbs
								27-40	0.28	714 lbs	-224 lbs
								14-16	0.49	-1404 lbs	-1404 lbs
								15-18	0.24	-512 lbs	-512 lbs
								17-20	0.11	-178 lbs	-178 lbs
								19-22	0.22	270 lbs	-258 lbs
								21-24	0.34	468 lbs	-307 lbs
								28-29	0.38	1388 lbs	-550 lbs
								30-31	0.17	556 lbs	-345 lbs

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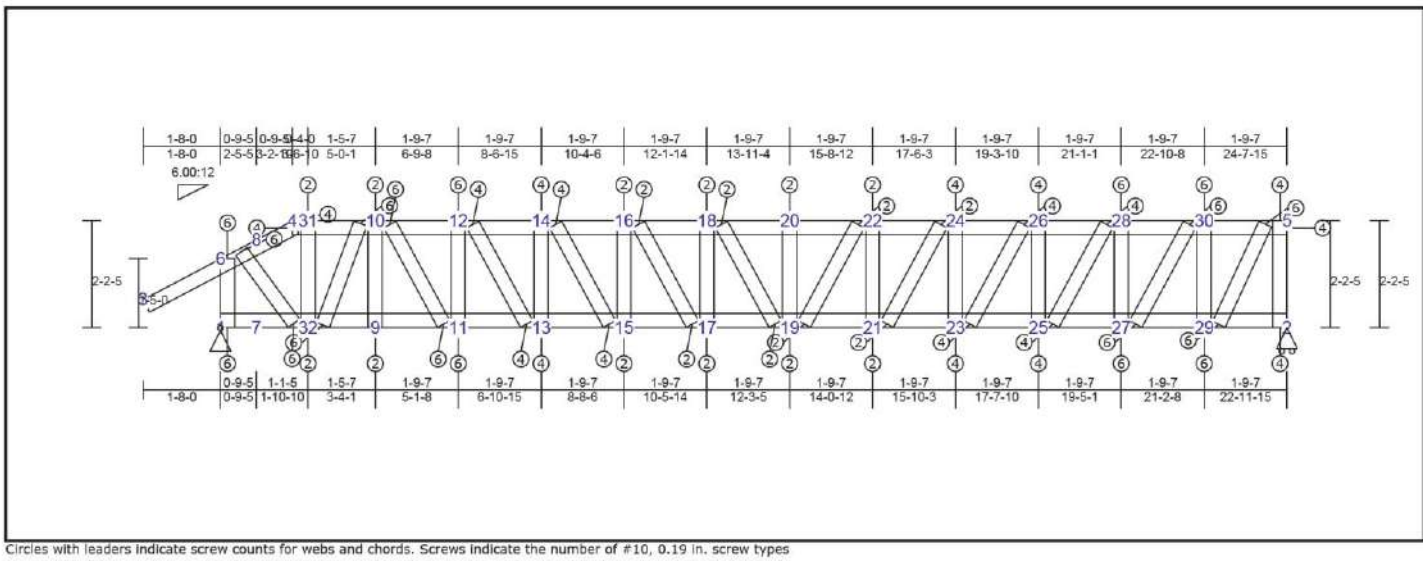
TRUSS TB82 (spacing 24 in)



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 :	0.46 (10 - 12)	TL(V): 0.18 in.	L / 999	(18-20)	L / 360
BC :	0.44 (27 - 29)	LL(V): 0.1 in.	L / 999	(18-20)	L / 360
Web :	0.36 (29 - 30)	DL(V): 0.08 in.	L / 999	(17-19)	L / 0
		Cant / OH TL: -0.03 in.	2L / 999	3	2L / 360
		Cant / OH LL: -0.03 in.	2L / 999	3	2L / 360
		Horiz TL: 0.02 in.		4	
		Web :			
		Snow/Wind -0.1 in.	L / 999	(18-20)	L / 360
		Cant (Snow/Wind) 0.02 in.	L / 999	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		130 lbs	1590 lbs	0 lbs	-580 lbs	130 lbs
2	HRoll		0 lbs	1370 lbs	0 lbs	-460 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-54(50)	Sheathing
Bot Chd	362S162-54(50)	Purlin (8 in.)
Web	362S162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
2-2-5	24-7-15

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.11	74 lbs	0 lbs	1-32	0.32	1119 lbs	-403 lbs	1-6	0.28	-1903 lbs	-1903 lbs
4-6	0.36	-1107 lbs	-1107 lbs	9-32	0.38	1844 lbs	-649 lbs	9-10	0.01	238 lbs	-63 lbs
4-31	0.10	-1119 lbs	-1119 lbs	9-11	0.32	2696 lbs	-930 lbs	11-12	0.25	-1625 lbs	-1625 lbs
10-31	0.35	-1844 lbs	-1844 lbs	11-13	0.32	3345 lbs	-1145 lbs	13-14	0.15	-973 lbs	-973 lbs
10-12	0.46	-2696 lbs	-2696 lbs	13-15	0.28	3762 lbs	-1282 lbs	15-16	0.10	-656 lbs	-656 lbs
12-14	0.34	-3345 lbs	-3345 lbs	15-17	0.28	3980 lbs	-1363 lbs	17-18	0.04	-265 lbs	-265 lbs
14-16	0.37	-3762 lbs	-3762 lbs	17-19	0.28	4000 lbs	-1356 lbs	19-20	0.03	-228 lbs	-228 lbs
16-18	0.36	-3980 lbs	-3980 lbs	19-21	0.28	4000 lbs	-1356 lbs	21-22	0.09	-584 lbs	-584 lbs
18-20	0.35	-4000 lbs	-4000 lbs	21-23	0.28	3820 lbs	-1294 lbs	23-24	0.14	-936 lbs	-936 lbs
20-22	0.36	-4000 lbs	-4000 lbs	23-25	0.28	3435 lbs	-1163 lbs	25-26	0.20	-1288 lbs	-1288 lbs
22-24	0.37	-3820 lbs	-3820 lbs	25-27	0.30	2849 lbs	-963 lbs	27-28	0.25	-1635 lbs	-1635 lbs
24-26	0.36	-3435 lbs	-3435 lbs	27-29	0.44	2070 lbs	-699 lbs	29-30	0.36	-2344 lbs	-2344 lbs
26-28	0.33	-2849 lbs	-2849 lbs	2-29	0.44	1022 lbs	-345 lbs	2-5	0.24	-1551 lbs	-1551 lbs
28-30	0.35	-2070 lbs	-2070 lbs					31-32	0.04	439 lbs	-260 lbs
5-30	0.42	-1022 lbs	-1022 lbs					10-11	0.10	1717 lbs	-569 lbs
								12-13	0.07	1310 lbs	-435 lbs
								14-15	0.05	840 lbs	-278 lbs
								16-17	0.02	441 lbs	-144 lbs
								18-19	0.00	39 lbs	-10 lbs
								19-22	0.02	363 lbs	-125 lbs
								21-24	0.04	775 lbs	-265 lbs
								23-26	0.07	1182 lbs	-402 lbs
								25-28	0.09	1572 lbs	-532 lbs
								27-30	0.12	2114 lbs	-715 lbs
								5-29	0.13	2329 lbs	-786 lbs

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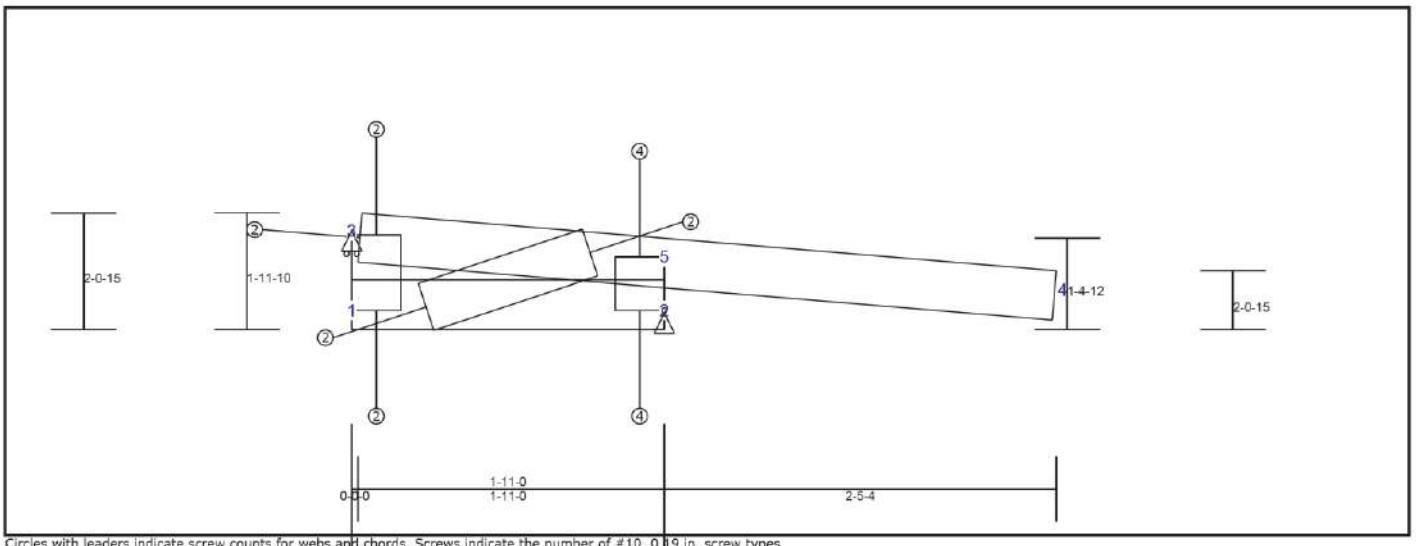
TRUSS TB83 (spacing 24 in)



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 (3 - 5)	TL(V): 0.08 in.	L / 686	4	L / 360
BC :	0.12 (1 - 2)	LL(V): 0.05 in.	L / 999	4	L / 360
Web :	0.21 (2 - 5)	DL(V): 0.03 in.	L / 999	4	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	4	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	4	2L / 360
		Horiz TL: -0.02 in.		4	
		Web :			
		Snow/Wind -0.06 in.	L / 849	4	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 986	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-130 lbs	600 lbs	0 lbs	-220 lbs	-130 lbs
3	HRoll		0 lbs	-140 lbs	-130 lbs	-140 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-33(33)	Sheathing
Bot Chd	362S162-33(33)	Sheathing
Web	362S162-33(33)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
2-0-8	4-4-5

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.53	-116 lbs	-116 lbs	1-2	0.12	-133 lbs	-133 lbs	1-3	0.05	-147 lbs	-147 lbs
4-5	0.35	77 lbs	0 lbs					2-5	0.21	-578 lbs	-578 lbs
								1-5	0.04	229 lbs	-110 lbs

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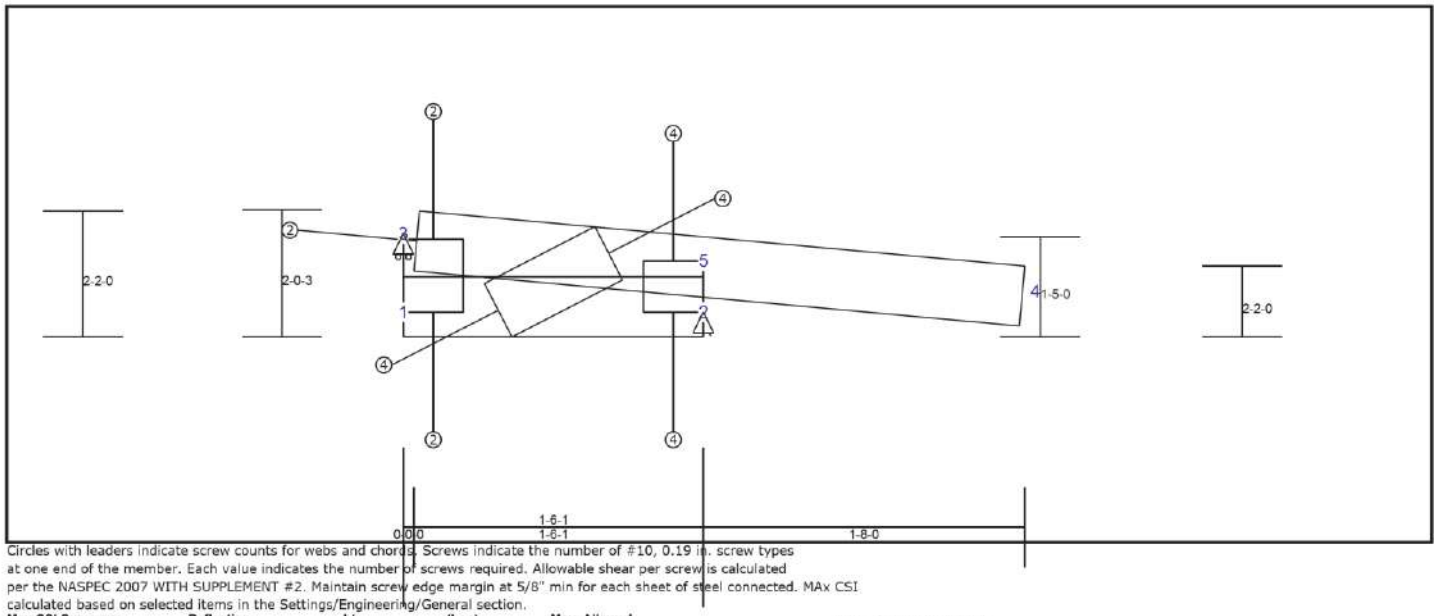
TRUSS TB84 (spacing 24 in)



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 (3 - 5)	TL(V): 0.01 in.	L / 999	4	L / 360
BC :	0.17 (1 - 2)	LL(V): 0.01 in.	L / 999	4	L / 360
Web :	0.13 (2 - 5)	DL(V): 0 in.	L / 999	(3-5)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	4	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	4	2L / 360
		Horiz TL: -0.01 in.		4	
		Web :			
		Snow/Wind -0.02 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Fixed		-140 lbs	420 lbs	0 lbs	-150 lbs	-140 lbs
3	HRoll		0 lbs	-90 lbs	-90 lbs	-90 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	362S162-33(33)	Sheathing
Bot Chd	362S162-33(33)	Sheathing
Web	362S162-33(33)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

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

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.30	-92 lbs	-92 lbs	1-2	0.17	-137 lbs	-137 lbs	1-3	0.08	-212 lbs	-212 lbs
4-5	0.23	74 lbs	0 lbs					2-5	0.13	-371 lbs	-371 lbs
								1-5	0.07	412 lbs	-194 lbs

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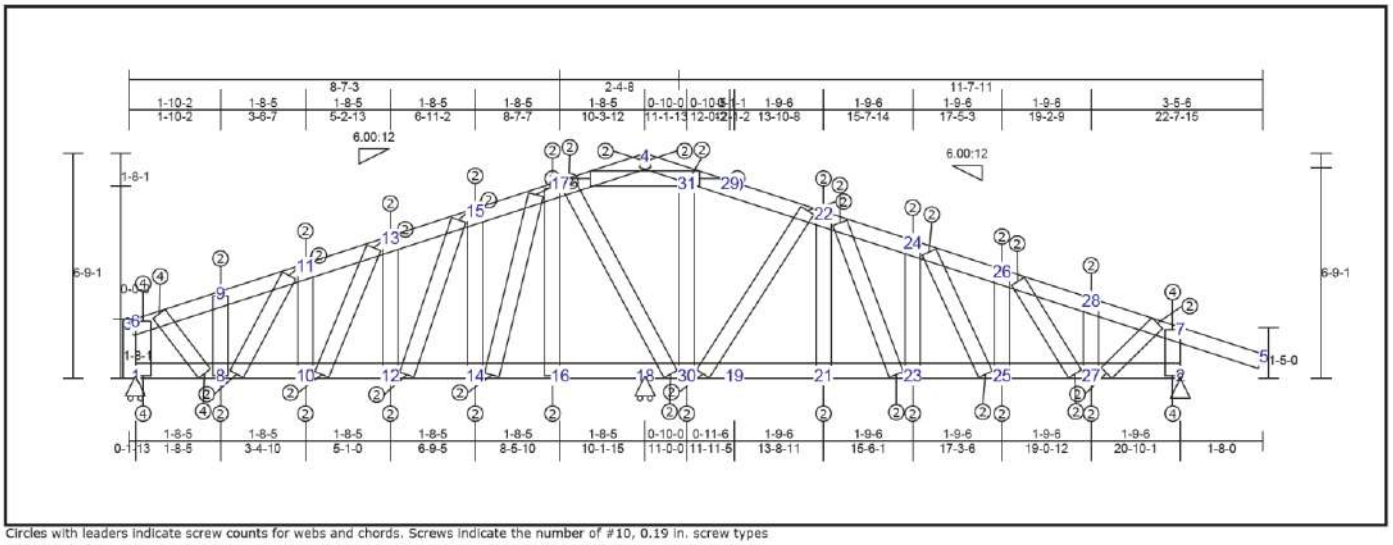
TRUSS TB85 (spacing 24 in)



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 (6 - 9)	TL(V): 0.02 in.	L / 999	(22-24)	L / 360
BC :	0.58 (16 - 18)	LL(V): 0.01 in.	L / 999	(22-24)	L / 360
Web :	0.69 (30 - 22)	DL(V): 0.01 in.	L / 999	(22-24)	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.		24	
		Web :			
		Snow/Wind -0.02 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1180 lbs	0 lbs	-130 lbs	0 lbs
2	Pin		0 lbs	1180 lbs	0 lbs	-160 lbs	0 lbs
18	HRoll		0 lbs	1180 lbs	0 lbs	-160 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-9-1	22-7-15

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.01	12 lbs	0 lbs	1-8	0.27	367 lbs	-179 lbs	1-6	0.21	-790 lbs	-790 lbs
6-9	0.36	-482 lbs	-482 lbs	8-10	0.26	454 lbs	-207 lbs	8-9	0.13	-459 lbs	-459 lbs
9-11	0.12	-619 lbs	-619 lbs	10-12	0.17	454 lbs	-207 lbs	10-11	0.01	110 lbs	-30 lbs
11-13	0.14	-604 lbs	-604 lbs	12-14	0.23	411 lbs	-161 lbs	12-13	0.25	-439 lbs	-439 lbs
13-15	0.18	-604 lbs	-604 lbs	14-16	0.23	304 lbs	-126 lbs	14-15	0.51	-635 lbs	-635 lbs
15-17	0.25	-502 lbs	-502 lbs	16-18	0.58	192 lbs	-89 lbs	21-22	0.06	198 lbs	-86 lbs
4-17	0.22	-289 lbs	-289 lbs	18-30	0.58	192 lbs	-89 lbs	23-24	0.26	-487 lbs	-487 lbs
4-29	0.05	-284 lbs	-284 lbs	21-30	0.34	353 lbs	-269 lbs	25-26	0.02	137 lbs	-53 lbs
22-29	0.25	-284 lbs	-284 lbs	21-23	0.19	450 lbs	-343 lbs	27-28	0.08	-281 lbs	-281 lbs
22-24	0.23	-662 lbs	-662 lbs	23-25	0.19	500 lbs	-396 lbs	2-7	0.27	-993 lbs	-993 lbs
24-26	0.14	-662 lbs	-662 lbs	25-27	0.18	500 lbs	-396 lbs	16-17	0.51	-474 lbs	-474 lbs
26-28	0.12	-652 lbs	-652 lbs	2-27	0.21	400 lbs	-367 lbs	17-31	0.05	295 lbs	-265 lbs
7-28	0.33	-509 lbs	-509 lbs					29-31	0.05	295 lbs	-265 lbs
5-7	0.24	74 lbs	0 lbs					30-31	0.15	-121 lbs	-121 lbs
								8-11	0.10	-268 lbs	-268 lbs
								10-13	0.10	-178 lbs	-178 lbs
								12-15	0.30	505 lbs	-385 lbs
								14-17	0.50	711 lbs	-487 lbs
								22-23	0.24	412 lbs	-317 lbs
								24-25	0.10	-186 lbs	-186 lbs
								26-27	0.09	-270 lbs	-270 lbs
								7-27	0.06	685 lbs	-205 lbs
								6-8	0.11	823 lbs	-402 lbs
								22-30	0.69	-702 lbs	-702 lbs

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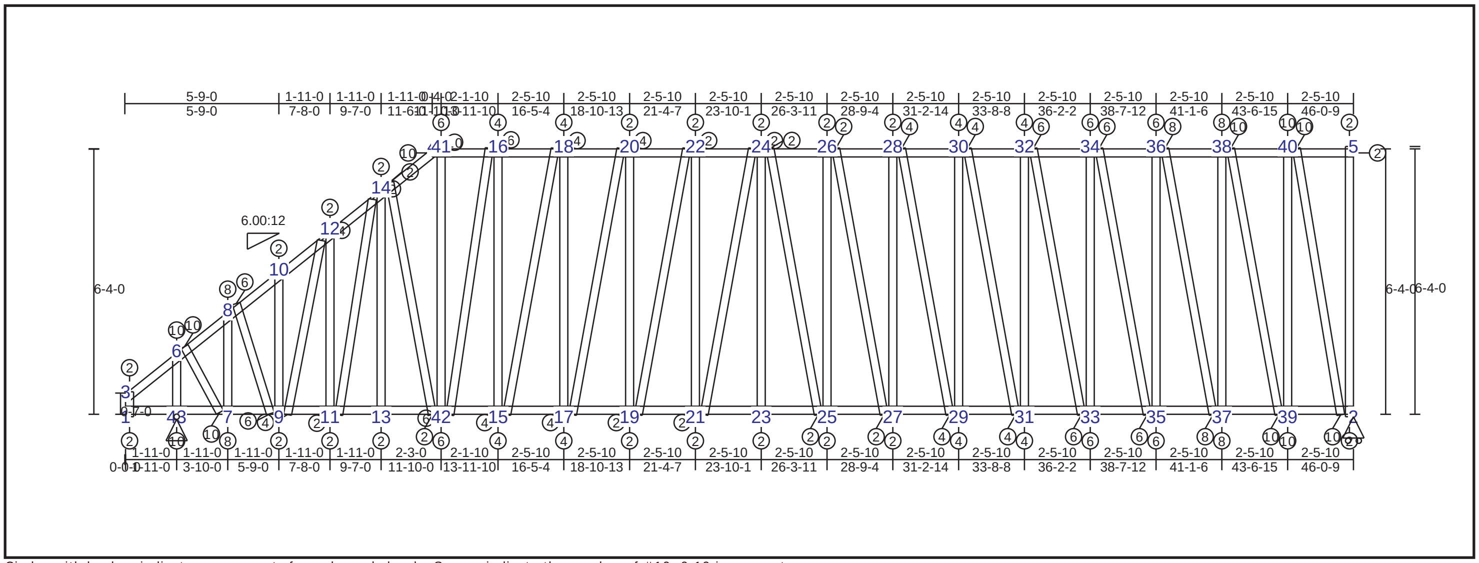
TRUSS TB86 (spacing 24 in)



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 :	0.71 (38 - 40)	TL(V): 0.34 in.	L / 999	(24-26)	L / 360
BC :	0.80 (9 - 11)	LL(V): 0.2 in.	L / 999	(24-26)	L / 360
Web :	0.77 (40 - 2)	DL(V): 0.15 in.	L / 999	(23-25)	L / 0
		Cant / OH TL: -0.03 in.	2L / 111	3	2L / 360
		Cant / OH LL: -0.03 in.	2L / 111	3	2L / 360
		Horiz TL: 0.05 in.		2	
		Web :			
		Snow/Wind -0.19 in.	L / 999	(24-26)	L / 360
		Cant (Snow/Wind) 0.03 in.	L / 119	3	L / 360

Reaction Table

0.80

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		-250 lbs	2930 lbs	0 lbs	-590 lbs	-250 lbs
43	Pin		390 lbs	2930 lbs	0 lbs	-590 lbs	390 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
6-4-0	46-0-9

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design **PASS**

Member Forces Summary

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

Top Chord

3-6	0.55	-1341 lbs	-1341 lbs
6-8	0.64	-3260 lbs	-3260 lbs
8-10	0.39	-3328 lbs	-3328 lbs
10-12	0.37	-3894 lbs	-3894 lbs 0.80
12-14	0.35	-3855 lbs	-3855 lbs
4-14	0.38	-3855 lbs	-3855 lbs
4-41	0.48	-3417 lbs	-3417 lbs
16-41	0.48	-3896 lbs	-3896 lbs
16-18	0.47	-4328 lbs	-4328 lbs
18-20	0.46	-4635 lbs	-4635 lbs
20-22	0.46	-4819 lbs	-4819 lbs
22-24	0.46	-4883 lbs	-4883 lbs
24-26	0.46	-4883 lbs	-4883 lbs
26-28	0.46	-4820 lbs	-4820 lbs
28-30	0.46	-4638 lbs	-4638 lbs
30-32	0.47	-4332 lbs	-4332 lbs
32-34	0.46	-3905 lbs	-3905 lbs
34-36	0.47	-3355 lbs	-3355 lbs
36-38	0.54	-2683 lbs	-2683 lbs
38-40	0.71	-1891 lbs	-1891 lbs
5-40	0.71	-963 lbs	-963 lbs

Bot Chord

1-43	0.14	-391 lbs	-391 lbs
7-43	0.49	2265 lbs	-1160 lbs
7-9	0.52	3013 lbs	-1505 lbs
9-11	0.53	3282 lbs	-1645 lbs
11-13	0.53	3359 lbs	-1700 lbs
13-42	0.62	3417 lbs	-1760 lbs
15-42	0.69	3896 lbs	-2036 lbs
15-17	0.76	4328 lbs	-2288 lbs
17-19	0.78	4635 lbs	-2470 lbs
19-21	0.80	4819 lbs	-2583 lbs
21-23	0.79	4883 lbs	-2630 lbs
23-25	0.79	4883 lbs	-2630 lbs
25-27	0.80	4820 lbs	-2605 lbs
27-29	0.79	4638 lbs	-2514 lbs
29-31	0.76	4332 lbs	-2354 lbs
31-33	0.71	3905 lbs	-2127 lbs
33-35	0.62	3355 lbs	-1831 lbs
35-37	0.53	2683 lbs	-1466 lbs
37-39	0.62	1891 lbs	-1035 lbs
2-39	0.78	963 lbs	-528 lbs

Web

1-3	0.01	87 lbs	-42 lbs
7-8	0.47	-2673 lbs	-2673 lbs
9-10	0.10	-334 lbs	-334 lbs
11-12	0.16	550 lbs	-334 lbs
13-14	0.14	-209 lbs	-209 lbs
15-16	0.53	1584 lbs	-918 lbs
17-18	0.72	1161 lbs	-667 lbs
19-20	0.44	722 lbs	-423 lbs
21-22	0.19	294 lbs	-188 lbs
23-24	0.02	69 lbs	-23 lbs
25-26	0.17	289 lbs	-163 lbs
27-28	0.36	721 lbs	-349 lbs
29-30	0.62	1140 lbs	-583 lbs
31-32	0.53	1561 lbs	-818 lbs
33-34	0.53	1980 lbs	-1052 lbs
35-36	0.53	2407 lbs	-1290 lbs
37-38	0.53	2785 lbs	-1502 lbs
39-40	0.53	3611 lbs	-1957 lbs
2-5	0.08	166 lbs	-84 lbs
41-42	0.53	1810 lbs	-927 lbs
6-43	0.49	-3260 lbs	-3260 lbs
9-12	0.53	-911 lbs	-911 lbs
11-14	0.24	-356 lbs	-356 lbs
15-18	0.53	-1549 lbs	-1549 lbs
17-20	0.53	-1099 lbs	-1099 lbs
19-22	0.53	-658 lbs	-658 lbs
21-24	0.26	-230 lbs	-230 lbs
24-25	0.25	-226 lbs	-226 lbs
26-27	0.77	-654 lbs	-654 lbs
28-29	0.53	-1093 lbs	-1093 lbs
30-31	0.53	-1531 lbs	-1531 lbs
32-33	0.53	-1969 lbs	-1969 lbs
34-35	0.53	-2409 lbs	-2409 lbs
36-37	0.53	-2836 lbs	-2836 lbs
38-39	0.77	-3323 lbs	-3323 lbs
2-40	0.77	-3748 lbs	-3748 lbs
14-42	0.17	309 lbs	-216 lbs
16-42	0.53	-2085 lbs	-2085 lbs
6-7	0.22	3285 lbs	-1475 lbs
8-9	0.18	1680 lbs	-776 lbs

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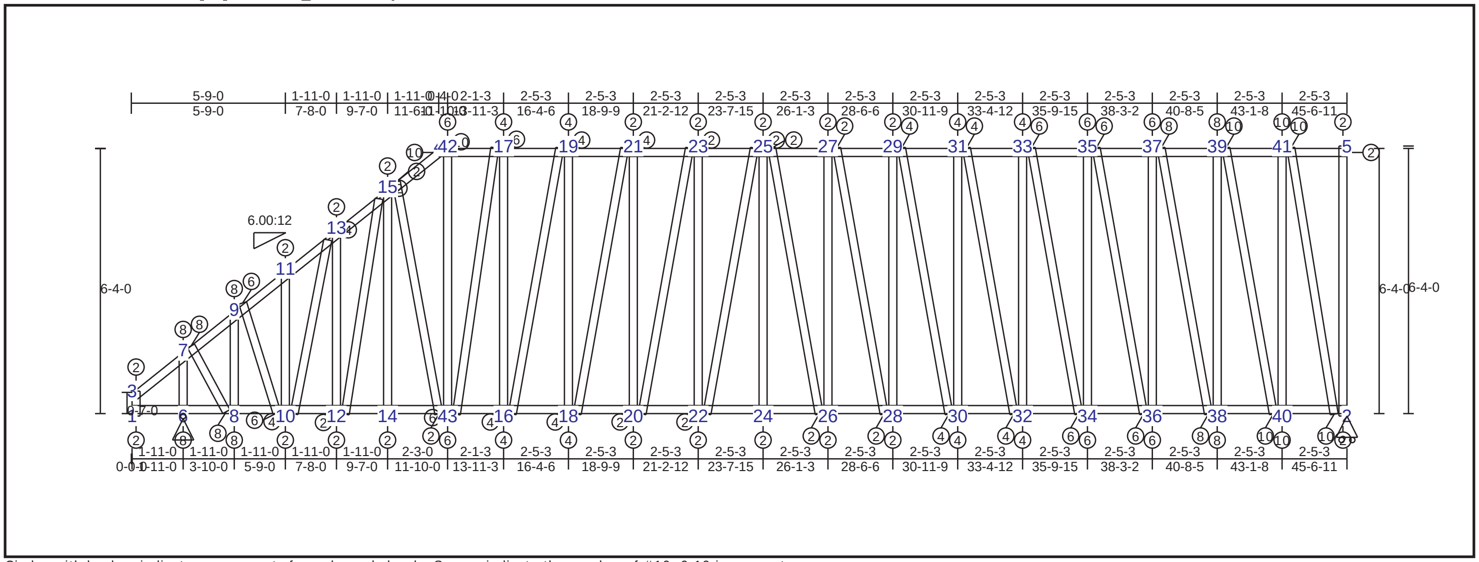
TRUSS TB87 (spacing 24 in)



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 :	0.70 (39 - 41)	TL(V): 0.33 in.	L / 999	(25-27)	L / 360
BC :	0.78 (20 - 22)	LL(V): 0.19 in.	L / 999	(25-27)	L / 360
Web :	0.77 (41 - 2)	DL(V): 0.15 in.	L / 999	(24-26)	L / 0
		Cant / OH TL: -0.03 in.	2L / 113	3	2L / 360
		Cant / OH LL: -0.03 in.	2L / 113	3	2L / 360
		Horiz TL: 0.05 in.		2	
		Web :			
		Snow/Wind -0.19 in.	L / 999	(25-27)	L / 360
		Cant (Snow/Wind) 0.03 in.	L / 122	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		-250 lbs	2900 lbs	0 lbs	-580 lbs	-250 lbs
6	Pin		390 lbs	2900 lbs	0 lbs	-580 lbs	390 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
6-4-0	45-6-11

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design **PASS**

Member Forces Summary

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

Top Chord

4-42	0.47	-3369 lbs	-3369 lbs
17-42	0.47	-3829 lbs	-3829 lbs
17-19	0.46	-4247 lbs	-4247 lbs
19-21	0.45	-4541 lbs	-4541 lbs
21-23	0.44	-4717 lbs	-4717 lbs
23-25	0.44	-4776 lbs	-4776 lbs
25-27	0.44	-4776 lbs	-4776 lbs
27-29	0.44	-4711 lbs	-4711 lbs
29-31	0.45	-4530 lbs	-4530 lbs
31-33	0.46	-4230 lbs	-4230 lbs
33-35	0.45	-3811 lbs	-3811 lbs
35-37	0.47	-3274 lbs	-3274 lbs
37-39	0.54	-2616 lbs	-2616 lbs
39-41	0.70	-1843 lbs	-1843 lbs
5-41	0.70	-938 lbs	-938 lbs
3-7	0.55	-1326 lbs	-1326 lbs
7-9	0.63	-3221 lbs	-3221 lbs
9-11	0.39	-3287 lbs	-3287 lbs
11-13	0.37	-3842 lbs	-3842 lbs
13-15	0.35	-3801 lbs	-3801 lbs
4-15	0.37	-3801 lbs	-3801 lbs

Bot Chord

1-6	0.14	-391 lbs	-391 lbs
6-8	0.48	2239 lbs	-1146 lbs
8-10	0.51	2976 lbs	-1485 lbs
10-12	0.63	3241 lbs	-1622 lbs
12-14	0.52	3314 lbs	-1675 lbs
14-43	0.61	3369 lbs	-1734 lbs
16-43	0.68	3829 lbs	-1999 lbs
16-18	0.74	4247 lbs	-2243 lbs
18-20	0.77	4541 lbs	-2418 lbs
20-22	0.78	4717 lbs	-2527 lbs
22-24	0.77	4776 lbs	-2571 lbs
24-26	0.77	4776 lbs	-2571 lbs
26-28	0.78	4711 lbs	-2545 lbs
28-30	0.77	4530 lbs	-2454 lbs
30-32	0.75	4230 lbs	-2298 lbs
32-34	0.74	3811 lbs	-2074 lbs
34-36	0.61	3274 lbs	-1785 lbs
36-38	0.52	2616 lbs	-1429 lbs
38-40	0.62	1843 lbs	-1008 lbs
2-40	0.77	938 lbs	-514 lbs

Web

1-3	0.01	86 lbs	-41 lbs
6-7	0.48	-3224 lbs	-3224 lbs
8-9	0.46	-2640 lbs	-2640 lbs
10-11	0.10	-332 lbs	-332 lbs
12-13	0.15	533 lbs	-325 lbs
14-15	0.14	-206 lbs	-206 lbs
16-17	0.62	1557 lbs	-903 lbs
18-19	0.70	1141 lbs	-656 lbs
20-21	0.43	705 lbs	-414 lbs
22-23	0.18	280 lbs	-181 lbs
24-25	0.02	69 lbs	-24 lbs
26-27	0.17	301 lbs	-168 lbs
28-29	0.37	727 lbs	-353 lbs
30-31	0.62	1143 lbs	-584 lbs
32-33	0.89	1560 lbs	-817 lbs
34-35	0.62	1976 lbs	-1049 lbs
36-37	0.62	2399 lbs	-1285 lbs
38-39	0.62	2776 lbs	-1496 lbs
40-41	0.62	3597 lbs	-1949 lbs
2-5	0.09	171 lbs	-87 lbs
42-43	0.62	1790 lbs	-916 lbs
10-13	0.44	-894 lbs	-894 lbs
12-15	0.24	-347 lbs	-347 lbs
16-19	0.62	-1523 lbs	-1523 lbs
18-21	0.62	-1076 lbs	-1076 lbs
20-23	0.75	-639 lbs	-639 lbs
22-25	0.24	-216 lbs	-216 lbs
25-26	0.26	-236 lbs	-236 lbs
27-28	0.78	-660 lbs	-660 lbs
29-30	0.62	-1095 lbs	-1095 lbs
31-32	0.62	-1528 lbs	-1528 lbs
33-34	0.62	-1962 lbs	-1962 lbs
35-36	0.62	-2398 lbs	-2398 lbs
37-38	0.62	-2820 lbs	-2820 lbs
39-40	0.77	-3303 lbs	-3303 lbs
2-41	0.77	-3724 lbs	-3724 lbs
15-43	0.17	307 lbs	-210 lbs
17-43	0.62	-2051 lbs	-2051 lbs
9-10	0.18	1657 lbs	-764 lbs
7-8	0.22	3245 lbs	-1453 lbs

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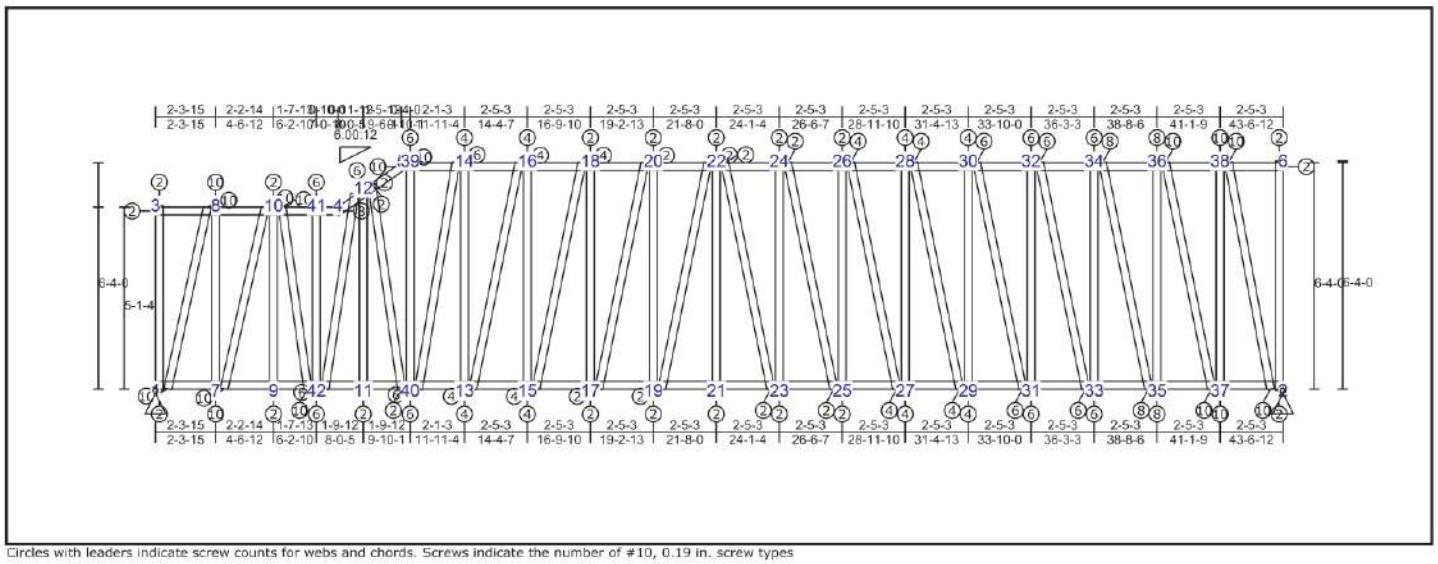
TRUSS TB88 (spacing 24 in)



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 :	0.74 (3 - 8)	TL(V): 0.29 in.	L / 999	22	L / 360
BC :	0.83 (37 - 2)	LL(V): 0.17 in.	L / 999	22	L / 360
Web :	0.98 (38 - 2)	DL(V): 0.13 in.	L / 999	(19-21)	L / 0
		Cant / OH TL: 0 in.	2L / 999	(3-8)	2L / 360
		Cant / OH LL: 0 in.	2L / 999	(3-8)	2L / 360
		Horiz TL: 0.03 in.		3	
		Web :			
		Snow/Wind -0.16 in.	L / 999	22	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	(3-8)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		3350 lbs	2630 lbs	0 lbs	-800 lbs	3350 lbs
2	Pin		-3370 lbs	2630 lbs	0 lbs	-870 lbs	-3370 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
6-4-0	43-6-12

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
5-39	0.50	-3288 lbs	-3288 lbs	1-7	1.51	-3345 lbs	-3345 lbs	1-3	0.05	171 lbs	-82 lbs	22-23	0.25	-221 lbs	-221 lbs
14-39	0.50	-3750 lbs	-3750 lbs	7-9	0.90	-2224 lbs	-2224 lbs	7-8	0.70	4011 lbs	-2094 lbs	24-25	0.75	-636 lbs	-636 lbs
14-16	0.46	-4172 lbs	-4172 lbs	9-42	0.65	-1146 lbs	-1146 lbs	9-10	0.01	41 lbs	-13 lbs	26-27	0.73	-1071 lbs	-1071 lbs
16-18	0.45	-4473 lbs	-4473 lbs	11-42	0.65	-493 lbs	-493 lbs	11-12	0.15	437 lbs	-204 lbs	28-29	0.78	-1505 lbs	-1505 lbs
18-20	0.44	-4655 lbs	-4655 lbs	11-40	0.43	-104 lbs	-104 lbs	13-14	0.94	1513 lbs	-854 lbs	30-31	0.81	-1938 lbs	-1938 lbs
20-22	0.43	-4723 lbs	-4723 lbs	13-40	0.43	378 lbs	-183 lbs	15-16	0.70	1171 lbs	-655 lbs	32-33	0.85	-2374 lbs	-2374 lbs
22-24	0.43	-4723 lbs	-4723 lbs	13-15	0.29	800 lbs	-423 lbs	17-18	0.42	726 lbs	-406 lbs	34-35	0.90	-2797 lbs	-2797 lbs
24-26	0.44	-4662 lbs	-4662 lbs	15-17	0.21	1102 lbs	-597 lbs	19-20	0.18	308 lbs	-176 lbs	36-37	0.92	-3279 lbs	-3279 lbs
26-28	0.45	-4488 lbs	-4488 lbs	17-19	0.24	1284 lbs	-703 lbs	21-22	0.03	78 lbs	-29 lbs	2-38	0.98	-3711 lbs	-3711 lbs
28-30	0.46	-4194 lbs	-4194 lbs	19-21	0.24	1352 lbs	-747 lbs	23-24	0.12	280 lbs	-121 lbs	10-42	0.87	3375 lbs	-1754 lbs
30-32	0.45	-3782 lbs	-3782 lbs	21-23	0.23	1352 lbs	-747 lbs	25-26	0.37	704 lbs	-359 lbs	12-42	0.69	-1934 lbs	-1934 lbs
32-34	0.46	-3251 lbs	-3251 lbs	23-25	0.24	1291 lbs	-718 lbs	27-28	0.63	1120 lbs	-591 lbs	12-40	0.05	115 lbs	-63 lbs
34-36	0.53	-2600 lbs	-2600 lbs	25-27	0.21	1117 lbs	-626 lbs	29-30	0.90	1537 lbs	-824 lbs	14-40	0.82	-2058 lbs	-2058 lbs
36-38	0.70	-1834 lbs	-1834 lbs	27-29	0.28	823 lbs	-467 lbs	31-32	0.89	1954 lbs	-1056 lbs	1-8	0.97	-3852 lbs	-3852 lbs
6-38	0.70	-935 lbs	-935 lbs	29-31	0.36	411 lbs	-242 lbs	33-34	0.59	2376 lbs	-1292 lbs				
4-12	0.55	-3984 lbs	-3984 lbs	31-33	0.43	-771 lbs	-771 lbs	35-36	0.58	2752 lbs	-1502 lbs				
5-12	0.39	-3774 lbs	-3774 lbs	33-35	0.68	-1538 lbs	-1538 lbs	37-38	0.77	3578 lbs	-1959 lbs				
3-8	0.74	-1121 lbs	-1121 lbs	35-37	0.95	-2437 lbs	-2437 lbs	2-6	0.09	174 lbs	-90 lbs				
8-10	0.74	-2199 lbs	-2199 lbs	2-37	1.53	-3371 lbs	-3371 lbs	39-40	0.53	2035 lbs	-1090 lbs				
10-41	0.64	-2852 lbs	-2852 lbs					41-42	0.53	-1760 lbs	-1760 lbs				
4-41	0.48	-2852 lbs	-2852 lbs					7-10	0.74	-3571 lbs	-3571 lbs				
								13-16	0.62	-1540 lbs	-1540 lbs				
								15-18	0.57	-1101 lbs	-1101 lbs				
								17-20	0.78	-662 lbs	-662 lbs				
								19-22	0.28	-248 lbs	-248 lbs				

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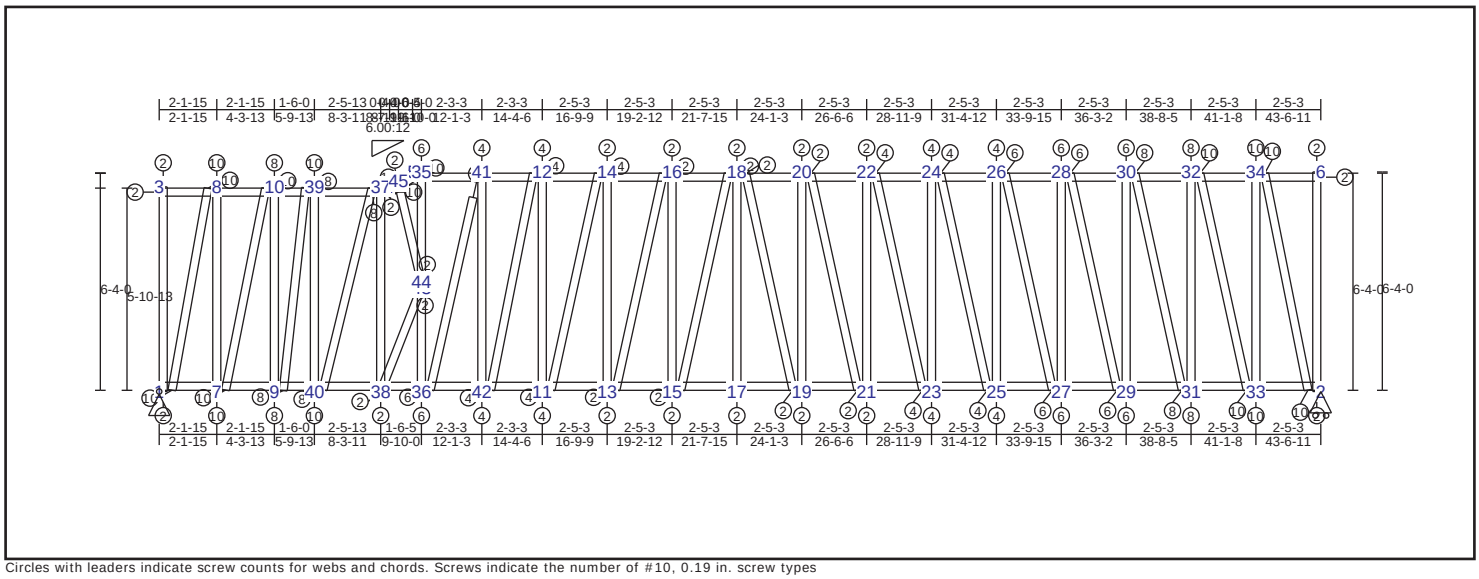
TRUSS TB89 (spacing 24 in)



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 :	0.92 (39 - 37)	TL(V): 0.4 in.	L / 999	(16-18)	L / 360
BC :	0.79 (19 - 21)	LL(V): 0.22 in.	L / 999	(16-18)	L / 360
Web :	0.77 (34 - 2)	DL(V): 0.17 in.	L / 999	(15-17)	L / 0
		Cant / OH TL: 0 in.	2L / 999	2	2L / 360
		Cant / OH LL: 0 in.	2L / 999	2	2L / 360
		Horiz TL: 0.05 in.		2	
		Web :			
		Snow/Wind -0.23 in.	L / 999	(15-17)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	2	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		30 lbs	2630 lbs	0 lbs	-850 lbs	30 lbs
2	HRoll		0 lbs	2630 lbs	0 lbs	-880 lbs	0 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
6-4-13	43-6-11

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design **PASS**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.74	-881 lbs	-881 lbs	1-7	0.78	890 lbs	-497 lbs	1-3	0.10	233 lbs	-121 lbs
8-10	0.74	-1809 lbs	-1809 lbs	7-9	0.66	1818 lbs	-1005 lbs	7-8	0.77	3985 lbs	-2164 lbs
10-39	0.66	-2246 lbs	-2246 lbs	9-40	0.59	2255 lbs	-1243 lbs	9-10	0.52	3022 lbs	-1639 lbs
37-39	0.92	-3202 lbs	-3202 lbs	38-40	0.63	3211 lbs	-1763 lbs	11-12	0.68	1151 lbs	-634 lbs
4-37	0.55	-3202 lbs	-3202 lbs	36-38	0.60	3292 lbs	-1809 lbs	13-14	0.42	743 lbs	-405 lbs
4-45	0.26	-3588 lbs	-3588 lbs	36-42	0.72	3800 lbs	-2095 lbs	15-16	0.17	307 lbs	-163 lbs
5-45	0.25	-3583 lbs	-3583 lbs	11-42	0.73	4147 lbs	-2291 lbs	17-18	0.02	69 lbs	-24 lbs
5-35	0.47	-3242 lbs	-3242 lbs	11-13	0.79	4457 lbs	-2466 lbs	19-20	0.13	271 lbs	-128 lbs
35-41	0.47	-3800 lbs	-3800 lbs	13-15	0.79	4640 lbs	-2569 lbs	21-22	0.38	700 lbs	-367 lbs
12-41	0.45	-4147 lbs	-4147 lbs	15-17	0.79	4707 lbs	-2609 lbs	23-24	0.64	1115 lbs	-599 lbs
12-14	0.45	-4457 lbs	-4457 lbs	17-19	0.78	4707 lbs	-2609 lbs	25-26	0.52	1533 lbs	-832 lbs
14-16	0.44	-4640 lbs	-4640 lbs	19-21	0.79	4650 lbs	-2579 lbs	27-28	0.52	1949 lbs	-1065 lbs
16-18	0.44	-4707 lbs	-4707 lbs	21-23	0.78	4476 lbs	-2484 lbs	29-30	0.52	2372 lbs	-1300 lbs
18-20	0.44	-4707 lbs	-4707 lbs	23-25	0.75	4184 lbs	-2323 lbs	31-32	0.52	2749 lbs	-1511 lbs
20-22	0.44	-4650 lbs	-4650 lbs	25-27	0.72	3773 lbs	-2096 lbs	33-34	0.52	3567 lbs	-1965 lbs
22-24	0.45	-4476 lbs	-4476 lbs	27-29	0.61	3243 lbs	-1802 lbs	2-6	0.09	169 lbs	-88 lbs
24-26	0.45	-4184 lbs	-4184 lbs	29-31	0.52	2594 lbs	-1442 lbs	37-38	0.10	237 lbs	-116 lbs
26-28	0.45	-3773 lbs	-3773 lbs	31-33	0.61	1828 lbs	-1016 lbs	36-43	0.13	1837 lbs	-1019 lbs
28-30	0.46	-3243 lbs	-3243 lbs	2-33	0.77	931 lbs	-518 lbs	43-44	0.13	1837 lbs	-1019 lbs
30-32	0.53	-2594 lbs	-2594 lbs					35-44	0.26	1725 lbs	-947 lbs
32-34	0.70	-1828 lbs	-1828 lbs					41-42	0.90	1496 lbs	-825 lbs
6-34	0.70	-931 lbs	-931 lbs					39-40	0.52	3440 lbs	-1857 lbs
								44-45	0.01	-49 lbs	-49 lbs
								38-43	0.06	-178 lbs	-178 lbs
								1-8	0.77	-3897 lbs	-3897 lbs
								7-10	0.77	-3710 lbs	-3710 lbs
								11-14	0.52	-1133 lbs	-1133 lbs
								13-16	0.78	-665 lbs	-665 lbs
								15-18	0.27	-244 lbs	-244 lbs
								18-19	0.23	-208 lbs	-208 lbs
								20-21	0.74	-631 lbs	-631 lbs
								22-23	0.52	-1067 lbs	-1067 lbs
								24-25	0.52	-1500 lbs	-1500 lbs
								26-27	0.52	-1933 lbs	-1933 lbs
								28-29	0.52	-2369 lbs	-2369 lbs
								30-31	0.52	-2792 lbs	-2792 lbs
								32-33	0.77	-3274 lbs	-3274 lbs
								2-34	0.77	-3695 lbs	-3695 lbs
								36-41	0.52	-2000 lbs	-2000 lbs
								12-42	0.52	-1390 lbs	-1390 lbs
								9-39	0.77	-3084 lbs	-3084 lbs
								37-40	0.77	-3172 lbs	-3172 lbs

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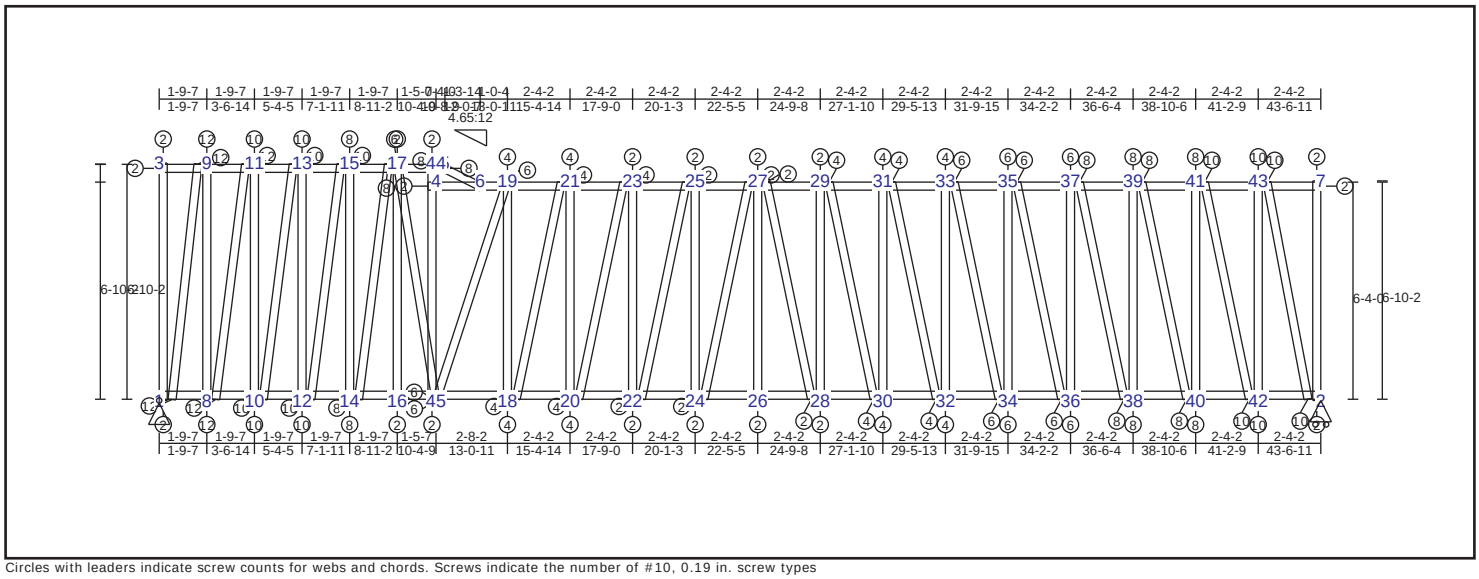
TRUSS TB90(spacing 24 in)



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 (3 - 9)	TL(V): 0.43 in.	L / 920	(25-27)	L / 360
BC :	0.88 (1 - 8)	LL(V): 0.25 in.	L / 999	(25-27)	L / 360
Web :	0.81 (1 - 9)	DL(V): 0.19 in.	L / 999	(25-27)	L / 0
		Cant / OH TL: 0 in.	2L / 999	2	2L / 360
		Cant / OH LL: 0 in.	2L / 999	2	2L / 360
		Horiz TL: 0.05 in.		2	
		Web :			
		Snow/Wind -0.25 in.	L / 999	(25-27)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	2	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-30 lbs	2770 lbs	0 lbs	-950 lbs	-30 lbs
2	HRoll		0 lbs	2670 lbs	0 lbs	-900 lbs	0 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
6-11-4	43-6-11

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design **PASS**

Member Forces Summary

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

Top Chord				Bot Chord				Web							
3-9	0.84	-644 lbs	-644 lbs	1-8	0.88	633 lbs	-327 lbs	1-3	0.31	451 lbs	-250 lbs	8-11	0.81	-4179 lbs	-4179 lbs
9-11	0.84	-1326 lbs	-1326 lbs	8-10	0.74	1315 lbs	-712 lbs	8-9	0.81	4636 lbs	-2597 lbs	10-13	0.77	-3769 lbs	-3769 lbs
11-13	0.70	-1942 lbs	-1942 lbs	10-12	0.66	1931 lbs	-1059 lbs	10-11	0.81	3833 lbs	-2147 lbs	12-15	0.77	-3291 lbs	-3291 lbs
13-15	0.63	-2480 lbs	-2480 lbs	12-14	0.60	2469 lbs	-1362 lbs	12-13	0.77	3425 lbs	-1919 lbs	14-17	0.77	-2612 lbs	-2612 lbs
15-17	0.55	-3337 lbs	-3337 lbs	14-16	0.53	2896 lbs	-1603 lbs	14-15	0.65	2841 lbs	-1593 lbs	18-21	0.65	-996 lbs	-996 lbs
17-44	0.53	-3337 lbs	-3337 lbs	16-45	0.56	3355 lbs	-1862 lbs	16-17	0.13	200 lbs	-108 lbs	20-23	0.65	-910 lbs	-910 lbs
5-44	0.27	-2644 lbs	-2644 lbs	18-45	0.74	4243 lbs	-2360 lbs	18-19	0.55	955 lbs	-516 lbs	22-25	0.49	-435 lbs	-435 lbs
5-6	0.46	-2712 lbs	-2712 lbs	18-20	0.79	4503 lbs	-2506 lbs	20-21	0.54	936 lbs	-510 lbs	24-27	0.03	-31 lbs	-31 lbs
4-6	0.56	-3355 lbs	-3355 lbs	20-22	0.82	4741 lbs	-2639 lbs	22-23	0.29	524 lbs	-278 lbs	27-28	0.47	-412 lbs	-412 lbs
6-19	0.50	-4243 lbs	-4243 lbs	22-24	0.82	4855 lbs	-2703 lbs	24-25	0.03	83 lbs	-34 lbs	29-30	0.65	-826 lbs	-826 lbs
19-21	0.48	-4503 lbs	-4503 lbs	24-26	0.81	4863 lbs	-2709 lbs	26-27	0.02	70 lbs	-25 lbs	31-32	0.65	-1249 lbs	-1249 lbs
21-23	0.48	-4741 lbs	-4741 lbs	26-28	0.82	4863 lbs	-2709 lbs	28-29	0.26	487 lbs	-254 lbs	33-34	0.65	-1672 lbs	-1672 lbs
23-25	0.44	-4855 lbs	-4855 lbs	28-30	0.82	4755 lbs	-2649 lbs	30-31	0.50	886 lbs	-477 lbs	35-36	0.65	-2095 lbs	-2095 lbs
25-27	0.45	-4863 lbs	-4863 lbs	30-32	0.80	4539 lbs	-2529 lbs	32-33	0.76	1296 lbs	-705 lbs	37-38	0.65	-2520 lbs	-2520 lbs
27-29	0.45	-4863 lbs	-4863 lbs	32-34	0.77	4213 lbs	-2347 lbs	34-35	0.65	1704 lbs	-933 lbs	39-40	0.65	-2933 lbs	-2933 lbs
29-31	0.45	-4755 lbs	-4755 lbs	34-36	0.71	3776 lbs	-2104 lbs	36-37	0.65	2112 lbs	-1161 lbs	41-42	0.77	-3407 lbs	-3407 lbs
31-33	0.46	-4539 lbs	-4539 lbs	36-38	0.61	3228 lbs	-1799 lbs	38-39	0.65	2525 lbs	-1391 lbs	2-43	0.77	-3818 lbs	-3818 lbs
33-35	0.46	-4213 lbs	-4213 lbs	38-40	0.53	2569 lbs	-1432 lbs	40-41	0.65	2896 lbs	-1599 lbs				
35-37	0.45	-3776 lbs	-3776 lbs	40-42	0.63	1803 lbs	-1005 lbs	42-43	0.77	3723 lbs	-2059 lbs				
37-39	0.49	-3228 lbs	-3228 lbs	2-42	0.79	912 lbs	-509 lbs	2-7	0.11	197 lbs	-104 lbs				
39-41	0.56	-2569 lbs	-2569 lbs					4-45	0.24	210 lbs	-106 lbs				
41-43	0.72	-1803 lbs	-1803 lbs					4-44	0.17	210 lbs	-106 lbs				
7-43	0.72	-912 lbs	-912 lbs					19-45	0.65	-2278 lbs	-2278 lbs				
								17-45	0.65	2028 lbs	-1143 lbs				
								1-9	0.81	-4545 lbs	-4545 lbs				

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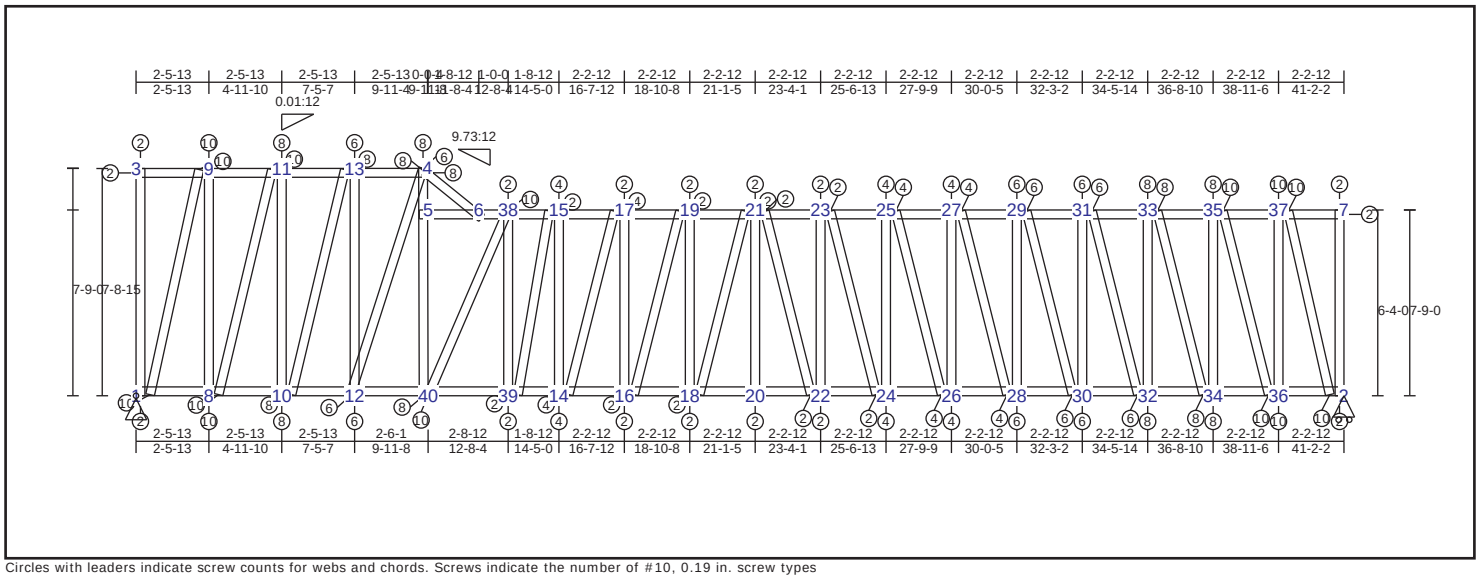
TRUSS TB91 (spacing 24 in)



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 :	0.87 (4 - 6)	TL(V): 0.37 in.	L / 999	(19-21)	L / 360
BC :	0.77 (1 - 8)	LL(V): 0.21 in.	L / 999	(19-21)	L / 360
Web :	0.77 (1 - 9)	DL(V): 0.16 in.	L / 999	(19-21)	L / 0
		Cant / OH TL: 0 in.	2L / 999	2	2L / 360
		Cant / OH LL: 0 in.	2L / 999	2	2L / 360
		Horiz TL: 0.06 in.		9	
		Web :			
		Snow/Wind -0.2 in.	L / 999	(19-21)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	2	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-100 lbs	2650 lbs	0 lbs	-630 lbs	-100 lbs
2	HRoll		0 lbs	2530 lbs	0 lbs	-800 lbs	0 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
7-10-5	41-2-2

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design **PASS**

Member Forces Summary

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

Top Chord				Bot Chord	0.77		
5-6	0.73	-2658 lbs	-2658 lbs	1-8	0.77	749 lbs	-268 lbs
6-38	0.71	-3969 lbs	-3969 lbs	8-10	0.61	1505 lbs	-640 lbs
15-38	0.67	-4031 lbs	-4031 lbs	10-12	0.52	2650 lbs	-1261 lbs
15-17	0.43	-4255 lbs	-4255 lbs	12-40	0.57	2658 lbs	-1265 lbs
17-19	0.40	-4360 lbs	-4360 lbs	39-40	0.67	3969 lbs	-1978 lbs
19-21	0.40	-4369 lbs	-4369 lbs	14-39	0.63	4031 lbs	-2028 lbs
21-23	0.40	-4369 lbs	-4369 lbs	14-16	0.70	4255 lbs	-2173 lbs
23-25	0.41	-4274 lbs	-4274 lbs	16-18	0.69	4360 lbs	-2250 lbs
25-27	0.41	-4081 lbs	-4081 lbs	18-20	0.68	4369 lbs	-2274 lbs
27-29	0.41	-3789 lbs	-3789 lbs	20-22	0.69	4369 lbs	-2274 lbs
29-31	0.41	-3396 lbs	-3396 lbs	22-24	0.69	4274 lbs	-2239 lbs
31-33	0.47	-2903 lbs	-2903 lbs	24-26	0.68	4081 lbs	-2150 lbs
33-35	0.54	-2311 lbs	-2311 lbs	26-28	0.66	3789 lbs	-2005 lbs
35-37	0.70	-1620 lbs	-1620 lbs	28-30	0.62	3396 lbs	-1804 lbs
7-37	0.70	-817 lbs	-817 lbs	30-32	0.53	2903 lbs	-1548 lbs
3-9	0.69	-781 lbs	-781 lbs	32-34	0.51	2311 lbs	-1235 lbs
9-11	0.69	-1536 lbs	-1536 lbs	34-36	0.60	1620 lbs	-868 lbs
11-13	0.54	-2112 lbs	-2112 lbs	2-36	0.75	817 lbs	-439 lbs
4-13	0.40	-2688 lbs	-2688 lbs				
4-6	0.87	-3053 lbs	-3053 lbs				

Web			
1-3	0.14	164 lbs	-93 lbs
8-9	0.77	3540 lbs	-1703 lbs
10-11	0.65	2766 lbs	-1419 lbs
12-13	0.65	1876 lbs	-1043 lbs
14-15	0.56	830 lbs	-528 lbs
16-17	0.37	538 lbs	-359 lbs
18-19	0.12	-116 lbs	-116 lbs
20-21	0.03	70 lbs	-26 lbs
22-23	0.18	466 lbs	-177 lbs
24-25	0.41	855 lbs	-390 lbs
26-27	0.65	1253 lbs	-611 lbs
28-29	0.65	1649 lbs	-832 lbs
30-31	0.65	2046 lbs	-1053 lbs
32-33	0.65	2446 lbs	-1277 lbs
34-35	0.65	2815 lbs	-1483 lbs
36-37	0.65	3619 lbs	-1922 lbs
2-7	0.11	213 lbs	-107 lbs
38-39	0.40	564 lbs	-382 lbs
38-40	0.77	-3314 lbs	-3314 lbs
4-40	0.77	2895 lbs	-1545 lbs
4-12	0.77	-1867 lbs	-1867 lbs
1-9	0.77	-3656 lbs	-3656 lbs
8-11	0.77	-3262 lbs	-3262 lbs
10-13	0.77	-2484 lbs	-2484 lbs
14-17	0.65	-920 lbs	-920 lbs
16-19	0.48	-429 lbs	-429 lbs
18-21	0.06	99 lbs	-53 lbs
21-22	0.44	-390 lbs	-390 lbs
23-24	0.77	-790 lbs	-790 lbs
25-26	0.77	-1199 lbs	-1199 lbs
27-28	0.77	-1608 lbs	-1608 lbs
29-30	0.77	-2017 lbs	-2017 lbs
31-32	0.77	-2428 lbs	-2428 lbs
33-34	0.77	-2830 lbs	-2830 lbs
35-36	0.77	-3288 lbs	-3288 lbs
2-37	0.77	-3687 lbs	-3687 lbs
15-39	0.39	-365 lbs	-365 lbs

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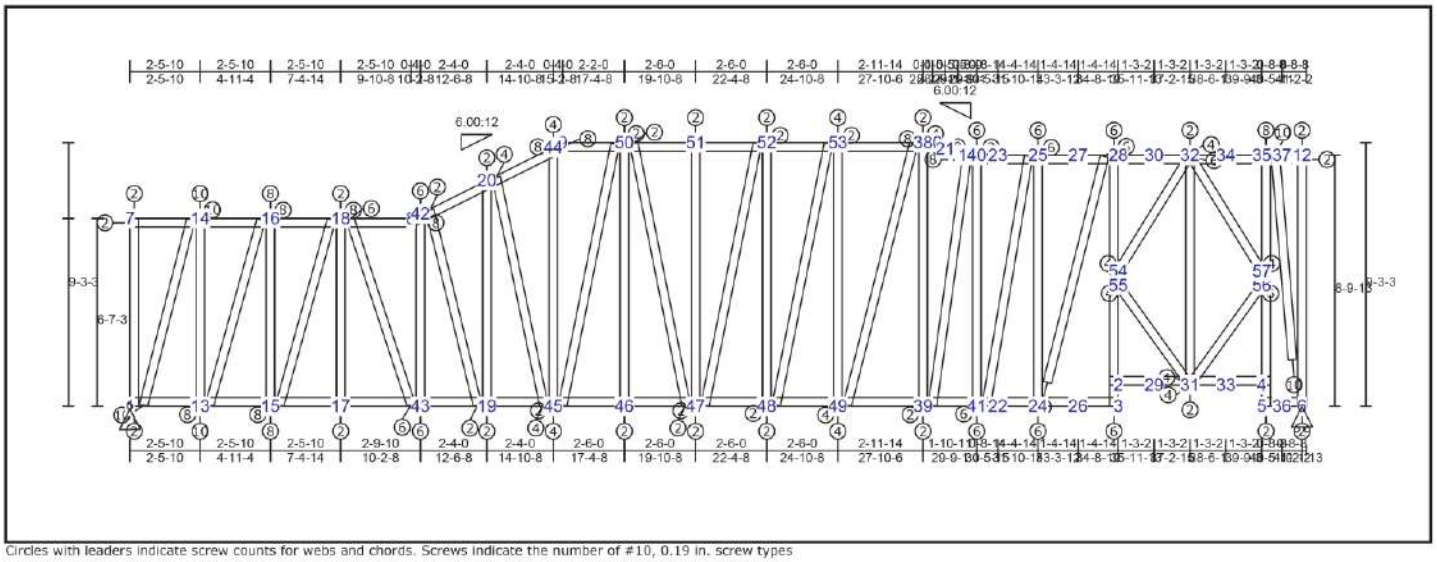
TRUSS TB92 (spacing 24 in)



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 :	0.69 (35 - 12)	TL(V): 0.26 in.	L / 598	(51-52)	L / 360
BC :	0.72 (1 - 13)	LL(V): 0.15 in.	L / 999	(51-52)	L / 360
Web :	0.99 (35 - 6)	DL(V): 0.11 in.	L / 999	(51-52)	L / 0
		Cant / OH TL: 0.15 in.	2L / 999	(51-52)	2L / 360
		Cant / OH LL: 0.15 in.	2L / 999	(51-52)	2L / 360
		Horiz TL: 0.04 in.		6	
		Web :			
		Snow/Wind -0.14 in.	L / 999	(51-52)	L / 360
		Cant (Snow/Wind) -0.14 in.	L / 999	(51-52)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		170 lbs	2490 lbs	0 lbs	-500 lbs	170 lbs
6	HRoll		0 lbs	2500 lbs	0 lbs	-800 lbs	0 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
9-3-3	41-3-15

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
8-42	0.53	-3291 lbs	-3291 lbs	2-31	0.50	1850 lbs	-1000 lbs
20-42	0.56	-3385 lbs	-3385 lbs	4-31	0.28	1193 lbs	-646 lbs
20-44	0.47	-3168 lbs	-3168 lbs	5-6	0.62	273 lbs	-149 lbs
9-44	0.36	-2462 lbs	-2462 lbs	1-13	0.72	903 lbs	-537 lbs
7-14	0.65	-855 lbs	-855 lbs	13-15	0.56	1723 lbs	-912 lbs
14-16	0.65	-1675 lbs	-1675 lbs	15-17	0.52	2424 lbs	-1252 lbs
16-18	0.56	-2377 lbs	-2377 lbs	17-43	0.50	2997 lbs	-1558 lbs
8-18	0.49	-2950 lbs	-2950 lbs	19-43	0.53	2997 lbs	-1558 lbs
9-50	0.27	-2809 lbs	-2809 lbs	19-45	0.49	2881 lbs	-1528 lbs
50-51	0.35	-2881 lbs	-2881 lbs	45-46	0.49	2800 lbs	-1503 lbs
51-52	0.28	-2881 lbs	-2881 lbs	46-47	0.49	2872 lbs	-1544 lbs
52-53	0.36	-2865 lbs	-2865 lbs	47-48	0.49	2872 lbs	-1544 lbs
38-53	0.56	-2768 lbs	-2768 lbs	48-49	0.50	2856 lbs	-1537 lbs
10-38	0.36	-2479 lbs	-2479 lbs	39-49	0.50	2759 lbs	-1484 lbs
10-11	0.20	-2785 lbs	-2785 lbs	39-41	0.45	2496 lbs	-1341 lbs
11-40	0.64	-2496 lbs	-2496 lbs	24-41	0.49	2496 lbs	-1341 lbs
25-40	0.64	-2496 lbs	-2496 lbs	3-24	0.38	2134 lbs	-1150 lbs
25-28	0.38	-2134 lbs	-2134 lbs				
28-32	0.25	-1645 lbs	-1645 lbs				
32-35	0.38	-1193 lbs	-1193 lbs				
12-35	0.69	-273 lbs	-273 lbs				

Web			
1-7	0.09	150 lbs	-78 lbs
13-14	0.83	3286 lbs	-1466 lbs
15-16	0.78	2773 lbs	-1328 lbs
17-18	0.06	169 lbs	-57 lbs
19-20	0.76	796 lbs	-440 lbs
24-25	0.98	-2029 lbs	-2029 lbs
2-3	0.47	-40 lbs	-40 lbs
2-55	0.75	-333 lbs	-333 lbs
54-55	0.30	-1976 lbs	-1976 lbs
28-54	0.83	-1976 lbs	-1976 lbs
31-32	0.12	174 lbs	-71 lbs
4-5	0.08	547 lbs	-294 lbs
4-56	0.14	547 lbs	-294 lbs
56-57	0.22	3136 lbs	-1687 lbs
35-57	0.71	3136 lbs	-1687 lbs
6-12	0.24	233 lbs	-125 lbs
38-39	0.20	193 lbs	-94 lbs
40-41	0.98	-1900 lbs	-1900 lbs
42-43	0.95	-1848 lbs	-1848 lbs
44-45	0.70	1400 lbs	-721 lbs
46-50	0.06	33 lbs	-27 lbs
47-51	0.90	-399 lbs	-399 lbs
48-52	0.67	-307 lbs	-307 lbs
49-53	0.62	-1147 lbs	-1147 lbs
32-54	0.30	860 lbs	-462 lbs

Web			
31-55	0.63	-1124 lbs	-1124 lbs
31-56	0.47	1563 lbs	-846 lbs
32-57	0.84	-1758 lbs	-1758 lbs
1-14	0.88	-3461 lbs	-3461 lbs
13-16	0.85	-3053 lbs	-3053 lbs
15-18	0.72	-2612 lbs	-2612 lbs
39-40	0.39	-192 lbs	-192 lbs
19-42	0.68	-489 lbs	-489 lbs
20-45	0.79	-920 lbs	-920 lbs
45-50	0.75	-543 lbs	-543 lbs
47-50	0.46	368 lbs	-210 lbs
47-52	0.16	82 lbs	-74 lbs
48-53	0.60	494 lbs	-268 lbs
38-49	0.83	1173 lbs	-643 lbs
18-43	0.90	1830 lbs	-978 lbs
25-41	0.95	2163 lbs	-1142 lbs
24-28	0.97	1896 lbs	-1009 lbs
6-35	0.99	-3281 lbs	-3281 lbs

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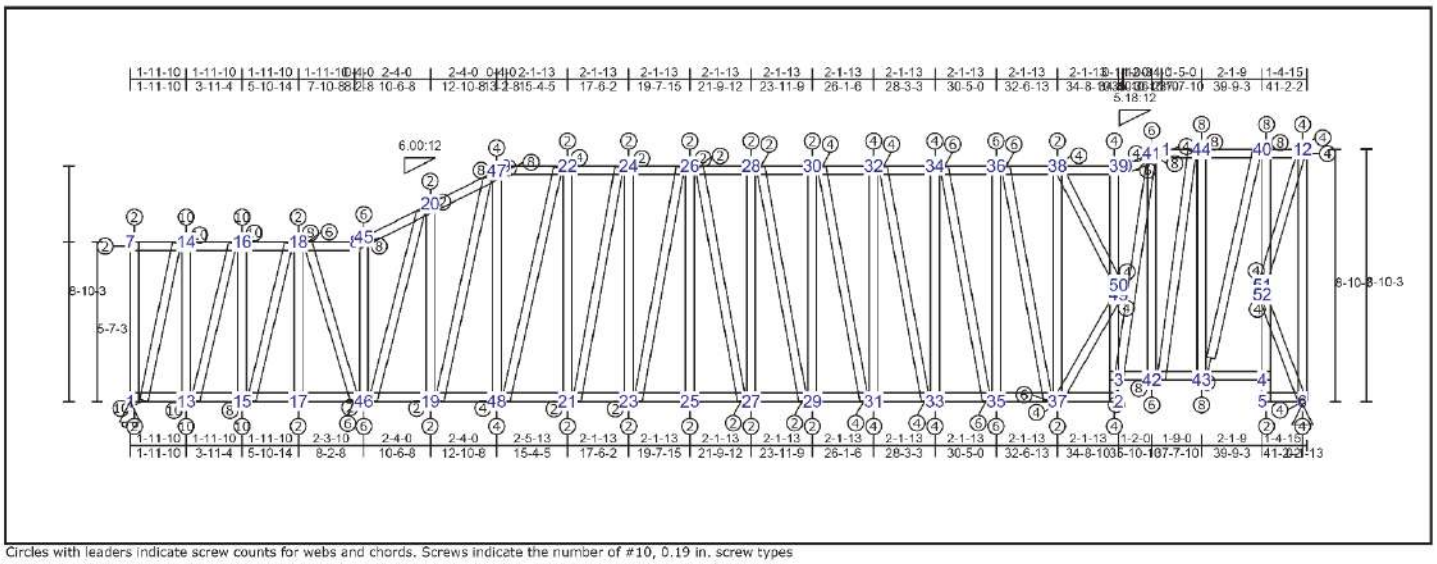
TRUSS TB93 (spacing 24 in)



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 (7 - 14)	TL(V): 0.29 in.	L / 896	(26-28)	L / 360
BC :	0.95 (5 - 6)	LL(V): 0.16 in.	L / 999	(26-28)	L / 360
Web :	0.98 (43 - 44)	DL(V): 0.13 in.	L / 999	(25-27)	L / 0
		Cant / OH TL: 0.1 in.	2L / 82	(10-41)	2L / 360
		Cant / OH LL: 0.1 in.	2L / 82	(10-41)	2L / 360
		Horiz TL: -0.05 in.		12	
		Web :			
		Snow/Wind -0.14 in.	L / 999	(26-28)	L / 360
		Cant (Snow/Wind) -0.08 in.	L / 94	(10-41)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	2470 lbs	0 lbs	-490 lbs	0 lbs
6	Pin		220 lbs	17130 lbs	0 lbs	0 lbs	220 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
8-11-9	41-3-15

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-14	0.72	-785 lbs	-785 lbs	1-13	0.75	785 lbs	-327 lbs	1-7	0.09	294 lbs	-126 lbs	3-41	0.88	2583 lbs	-1351 lbs
14-16	0.72	-1593 lbs	-1593 lbs	13-15	0.61	1593 lbs	-651 lbs	13-14	0.71	3806 lbs	-1552 lbs	47-48	0.99	865 lbs	-540 lbs
16-18	0.59	-2301 lbs	-2301 lbs	15-17	0.60	2301 lbs	-955 lbs	15-16	0.69	3354 lbs	-1430 lbs	45-46	0.79	-2410 lbs	-2410 lbs
8-18	0.55	-2942 lbs	-2942 lbs	17-46	0.47	2942 lbs	-1249 lbs	17-18	0.08	150 lbs	-76 lbs	38-50	0.46	-894 lbs	-894 lbs
8-22	0.35	-2967 lbs	-2967 lbs	19-46	0.47	2942 lbs	-1249 lbs	19-20	0.75	-571 lbs	-571 lbs	37-49	0.23	1051 lbs	-538 lbs
22-24	0.35	-3108 lbs	-3108 lbs	19-48	0.42	2857 lbs	-1241 lbs	21-22	0.90	766 lbs	-476 lbs	12-51	0.31	1318 lbs	-600 lbs
24-26	0.29	-3166 lbs	-3166 lbs	21-48	0.42	2910 lbs	-1334 lbs	23-24	0.52	412 lbs	-288 lbs	6-52	0.36	-1014 lbs	-1014 lbs
26-28	0.30	-3166 lbs	-3166 lbs	21-23	0.46	3051 lbs	-1423 lbs	25-26	0.05	69 lbs	-26 lbs	1-14	0.97	-3828 lbs	-3828 lbs
28-30	0.30	-3151 lbs	-3151 lbs	23-25	0.46	3109 lbs	-1468 lbs	27-28	0.31	-174 lbs	-174 lbs	13-16	0.95	-3495 lbs	-3495 lbs
30-32	0.31	-3068 lbs	-3068 lbs	25-27	0.44	3109 lbs	-1472 lbs	29-30	0.50	551 lbs	-277 lbs	15-18	0.91	-3062 lbs	-3062 lbs
32-34	0.32	-2914 lbs	-2914 lbs	27-29	0.45	3094 lbs	-1472 lbs	31-32	0.82	935 lbs	-439 lbs	21-24	0.83	-787 lbs	-787 lbs
34-36	0.32	-2690 lbs	-2690 lbs	29-31	0.46	3011 lbs	-1438 lbs	33-34	0.68	1323 lbs	-655 lbs	23-26	0.61	-324 lbs	-324 lbs
36-38	0.33	-2395 lbs	-2395 lbs	31-33	0.46	2857 lbs	-1385 lbs	35-36	0.75	1660 lbs	-847 lbs	26-27	0.15	156 lbs	-86 lbs
38-39	0.28	-2080 lbs	-2080 lbs	33-35	0.41	2633 lbs	-1252 lbs	37-38	0.74	774 lbs	-400 lbs	28-29	0.91	-468 lbs	-468 lbs
10-39	0.20	-1697 lbs	-1697 lbs	35-37	0.38	2338 lbs	-1100 lbs	2-3	0.42	-169 lbs	-169 lbs	30-31	0.81	-860 lbs	-860 lbs
8-45	0.56	-3482 lbs	-3482 lbs	2-37	0.37	2023 lbs	-935 lbs	3-49	0.68	-2799 lbs	-2799 lbs	32-33	0.91	-1253 lbs	-1253 lbs
20-45	0.53	-3482 lbs	-3482 lbs	3-42	0.75	1640 lbs	-724 lbs	49-50	0.17	-1888 lbs	-1888 lbs	34-35	0.85	-1645 lbs	-1645 lbs
20-47	0.56	-3417 lbs	-3417 lbs	42-43	0.53	1263 lbs	-528 lbs	39-50	0.42	-1888 lbs	-1888 lbs	36-37	0.72	-1763 lbs	-1763 lbs
9-47	0.37	-2544 lbs	-2544 lbs	4-43	0.55	900 lbs	-344 lbs	4-5	0.11	-721 lbs	-721 lbs	42-44	0.67	2664 lbs	-1338 lbs
10-41	0.17	-1902 lbs	-1902 lbs	5-6	0.95	310 lbs	-64 lbs	4-52	0.27	-1851 lbs	-1851 lbs	40-43	0.58	2937 lbs	-1401 lbs
11-41	0.13	-1371 lbs	-1371 lbs					51-52	0.15	-1851 lbs	-1851 lbs	18-46	0.92	2248 lbs	-1030 lbs
11-44	0.56	-1327 lbs	-1327 lbs					40-51	0.81	-3114 lbs	-3114 lbs	20-46	0.40	345 lbs	-315 lbs
40-44	0.56	-969 lbs	-969 lbs					6-12	0.67	-647 lbs	-647 lbs	19-47	0.94	827 lbs	-518 lbs
12-40	0.58	-375 lbs	-375 lbs					41-42	0.93	-2188 lbs	-2188 lbs	22-48	0.85	-845 lbs	-845 lbs
								43-44	0.98	-2999 lbs	-2999 lbs				

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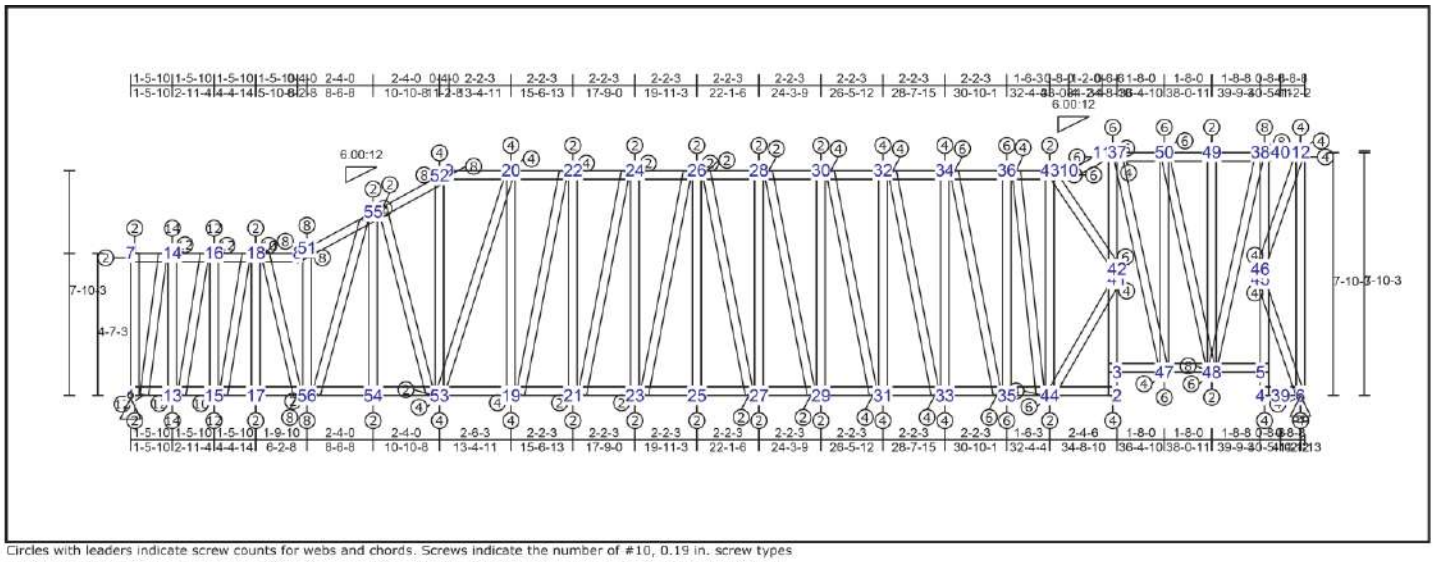
TRUSS TB94 (spacing 24 in)



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 :	0.86 (7 - 14)	TL(V): 0.3 in.	L / 999	(23-25)	L / 360
BC :	0.74 (4 - 6)	LL(V): 0.17 in.	L / 999	(23-25)	L / 360
Web :	0.95 (50 - 48)	DL(V): 0.13 in.	L / 999	(23-25)	L / 0
		Cant / OH TL: 0.17 in.	2L / 999	(23-25)	2L / 360
		Cant / OH LL: 0.17 in.	2L / 999	(23-25)	2L / 360
		Horiz TL: 0.05 in.		6	
		Web :			
		Snow/Wind -0.16 in.	L / 999	(23-25)	L / 360
		Cant (Snow/Wind) -0.16 in.	L / 999	(23-25)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		220 lbs	2460 lbs	0 lbs	-650 lbs	220 lbs
6	HRoll		0 lbs	20650 lbs	0 lbs	0 lbs	0 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
7-11-12	41-3-15

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-14	0.86	-668 lbs	-668 lbs	4-6	0.74	309 lbs	-168 lbs	1-7	0.15	602 lbs	-284 lbs	12-46	0.21	1079 lbs	-582 lbs
14-16	0.86	-1453 lbs	-1453 lbs	3-47	0.45	1766 lbs	-935 lbs	13-14	0.77	4904 lbs	-2368 lbs	6-45	0.31	-877 lbs	-877 lbs
16-18	0.73	-2146 lbs	-2146 lbs	47-48	0.46	1437 lbs	-764 lbs	15-16	0.64	4544 lbs	-2169 lbs	47-50	0.48	1930 lbs	-997 lbs
8-18	0.65	-2878 lbs	-2878 lbs	5-48	0.46	900 lbs	-480 lbs	17-18	0.03	133 lbs	-60 lbs	48-49	0.30	-229 lbs	-229 lbs
8-51	0.60	-3426 lbs	-3426 lbs	1-13	0.83	738 lbs	-442 lbs	19-20	0.76	908 lbs	-518 lbs	37-47	0.93	-1394 lbs	-1394 lbs
51-55	0.56	-3427 lbs	-3427 lbs	13-15	0.75	1522 lbs	-817 lbs	21-22	0.62	745 lbs	-431 lbs	48-50	0.95	-2305 lbs	-2305 lbs
52-55	0.48	-3303 lbs	-3303 lbs	15-17	0.77	2215 lbs	-1148 lbs	23-24	0.30	354 lbs	-218 lbs	38-48	0.91	2475 lbs	-1312 lbs
9-52	0.37	-2620 lbs	-2620 lbs	17-56	0.59	2947 lbs	-1492 lbs	25-26	0.04	70 lbs	-28 lbs	52-53	0.88	1349 lbs	-691 lbs
9-20	0.29	-3201 lbs	-3201 lbs	54-56	0.59	2981 lbs	-1508 lbs	27-28	0.20	200 lbs	-144 lbs	20-53	0.94	-1073 lbs	-1073 lbs
20-22	0.34	-3405 lbs	-3405 lbs	53-54	0.46	2981 lbs	-1508 lbs	29-30	0.42	609 lbs	-294 lbs	51-56	0.74	-2728 lbs	-2728 lbs
22-24	0.34	-3546 lbs	-3546 lbs	19-53	0.53	3213 lbs	-1671 lbs	31-32	0.74	990 lbs	-506 lbs	54-55	0.15	403 lbs	-173 lbs
24-26	0.33	-3604 lbs	-3604 lbs	19-21	0.57	3418 lbs	-1791 lbs	33-34	0.75	1450 lbs	-763 lbs	1-14	0.94	-4686 lbs	-4686 lbs
26-28	0.33	-3604 lbs	-3604 lbs	21-23	0.59	3559 lbs	-1876 lbs	35-36	0.81	1699 lbs	-908 lbs	13-16	0.92	-4474 lbs	-4474 lbs
28-30	0.34	-3576 lbs	-3576 lbs	23-25	0.58	3617 lbs	-1915 lbs	2-3	0.41	-181 lbs	-181 lbs	15-18	0.91	-3953 lbs	-3953 lbs
30-32	0.35	-3466 lbs	-3466 lbs	25-27	0.57	3617 lbs	-1915 lbs	3-41	0.66	1036 lbs	-592 lbs	19-22	0.73	-989 lbs	-989 lbs
32-34	0.36	-3274 lbs	-3274 lbs	27-29	0.59	3588 lbs	-1906 lbs	41-42	0.15	1036 lbs	-540 lbs	21-24	0.63	-679 lbs	-679 lbs
34-36	0.36	-2999 lbs	-2999 lbs	29-31	0.59	3479 lbs	-1851 lbs	37-42	0.17	2071 lbs	-1089 lbs	23-26	0.41	-281 lbs	-281 lbs
36-43	0.47	-2628 lbs	-2628 lbs	31-33	0.57	3287 lbs	-1751 lbs	4-5	0.12	-885 lbs	-885 lbs	26-27	0.20	-138 lbs	-138 lbs
10-43	0.47	-2470 lbs	-2470 lbs	33-35	0.53	3011 lbs	-1604 lbs	5-45	0.23	-1738 lbs	-1738 lbs	28-29	0.81	-529 lbs	-529 lbs
10-11	0.15	-1931 lbs	-1931 lbs	35-44	0.46	2641 lbs	-1404 lbs	45-46	0.13	-1738 lbs	-1738 lbs	30-31	0.71	-928 lbs	-928 lbs
11-37	0.30	-1766 lbs	-1766 lbs	2-44	0.50	2482 lbs	-1316 lbs	38-46	0.80	-2748 lbs	-2748 lbs	32-33	0.89	-1331 lbs	-1331 lbs
37-50	0.26	-1766 lbs	-1766 lbs					6-12	0.87	-813 lbs	-813 lbs	34-35	0.92	-1788 lbs	-1788 lbs
49-50	0.16	-1447 lbs	-1447 lbs					43-44	0.42	-294 lbs	-294 lbs	36-44	0.82	-1353 lbs	-1353 lbs
38-49	0.48	-900 lbs	-900 lbs					42-43	0.49	-1290 lbs	-1290 lbs	18-56	0.82	3008 lbs	-1412 lbs
12-38	0.49	-380 lbs	-380 lbs					41-44	0.48	1925 lbs	-1023 lbs	55-56	0.11	-119 lbs	-119 lbs
												53-55	0.46	-444 lbs	-444 lbs

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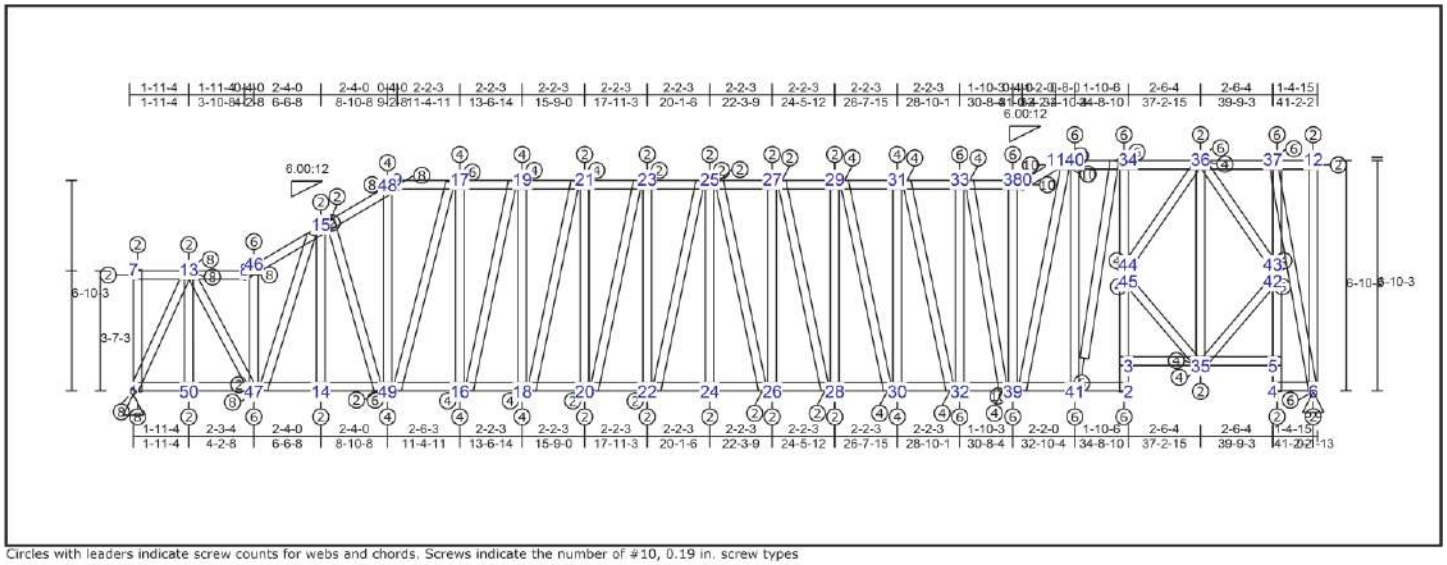
TRUSS TB95 (spacing 24 in)



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 (33 - 38)	TL(V): 0.3 in.	L / 885	(25-27)	L / 360
BC :	0.75 (20 - 22)	LL(V): 0.17 in.	L / 999	(25-27)	L / 360
Web :	0.96 (37 - 6)	DL(V): 0.13 in.	L / 999	(24-26)	L / 0
		Cant / OH TL: 0.17 in.	2L / 999	(25-27)	2L / 360
		Cant / OH LL: 0.17 in.	2L / 999	(25-27)	2L / 360
		Horiz TL: 0.06 in.		6	
		Web :			
		Snow/Wind -0.17 in.	L / 999	(24-26)	L / 360
		Cant (Snow/Wind) -0.17 in.	L / 999	(24-26)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		220 lbs	2490 lbs	0 lbs	-800 lbs	220 lbs
6	HRoll		0 lbs	2500 lbs	0 lbs	-860 lbs	0 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
7-0-4	41-5-9

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-13	0.47	-1316 lbs	-1316 lbs	4-6	0.08	477 lbs	-270 lbs	1-7	0.27	-2449 lbs	-2449 lbs	36-44	0.24	914 lbs	-521 lbs
8-13	0.46	-2759 lbs	-2759 lbs	3-35	0.58	2582 lbs	-1464 lbs	14-15	0.00	25 lbs	-5 lbs	35-45	0.55	-1423 lbs	-1423 lbs
8-46	0.47	-3213 lbs	-3213 lbs	5-35	0.37	1571 lbs	-890 lbs	16-17	0.86	1542 lbs	-810 lbs	6-37	0.96	-2305 lbs	-2305 lbs
15-46	0.46	-3456 lbs	-3456 lbs	1-50	0.29	1385 lbs	-938 lbs	18-19	0.62	1147 lbs	-596 lbs	46-47	0.69	-1843 lbs	-1843 lbs
15-48	0.52	-3436 lbs	-3436 lbs	47-50	0.54	2828 lbs	-1721 lbs	20-21	0.39	762 lbs	-380 lbs	48-49	0.85	1514 lbs	-863 lbs
9-48	0.40	-2669 lbs	-2669 lbs	14-47	0.58	2981 lbs	-1796 lbs	22-23	0.16	369 lbs	-158 lbs	13-50	0.03	-99 lbs	-99 lbs
9-17	0.42	-3428 lbs	-3428 lbs	14-49	0.59	2981 lbs	-1796 lbs	24-25	0.03	70 lbs	-26 lbs	13-47	0.67	2704 lbs	-1468 lbs
17-19	0.42	-3801 lbs	-3801 lbs	16-49	0.66	3440 lbs	-2019 lbs	26-27	0.12	185 lbs	-123 lbs	1-13	0.81	-2889 lbs	-2889 lbs
19-21	0.40	-4061 lbs	-4061 lbs	16-18	0.72	3814 lbs	-2220 lbs	28-29	0.35	599 lbs	-350 lbs	16-19	0.85	-1559 lbs	-1559 lbs
21-23	0.40	-4227 lbs	-4227 lbs	18-20	0.74	4074 lbs	-2358 lbs	30-31	0.58	969 lbs	-557 lbs	18-21	0.78	-1086 lbs	-1086 lbs
23-25	0.39	-4299 lbs	-4299 lbs	20-22	0.75	4240 lbs	-2443 lbs	32-33	0.85	1851 lbs	-1057 lbs	20-23	0.78	-694 lbs	-694 lbs
25-27	0.39	-4299 lbs	-4299 lbs	22-24	0.75	4311 lbs	-2475 lbs	2-3	0.61	-49 lbs	-49 lbs	22-25	0.32	-298 lbs	-298 lbs
27-29	0.39	-4269 lbs	-4269 lbs	24-26	0.74	4311 lbs	-2475 lbs	3-45	0.98	-373 lbs	-373 lbs	25-26	0.13	-125 lbs	-125 lbs
29-31	0.40	-4144 lbs	-4144 lbs	26-28	0.75	4281 lbs	-2451 lbs	44-45	0.24	-2084 lbs	-2084 lbs	27-28	0.57	-520 lbs	-520 lbs
31-33	0.45	-3925 lbs	-3925 lbs	28-30	0.75	4157 lbs	-2374 lbs	34-44	0.63	-2084 lbs	-2084 lbs	29-30	0.70	-917 lbs	-917 lbs
33-38	0.58	-3590 lbs	-3590 lbs	30-32	0.72	3937 lbs	-2243 lbs	35-36	0.27	543 lbs	-289 lbs	31-32	0.71	-1399 lbs	-1399 lbs
10-38	0.58	-3303 lbs	-3303 lbs	32-39	0.68	3602 lbs	-2049 lbs	4-5	0.13	9 lbs	0 lbs	33-39	0.85	-1525 lbs	-1525 lbs
10-11	0.28	-3723 lbs	-3723 lbs	39-41	0.73	3315 lbs	-1882 lbs	5-42	0.21	-228 lbs	-228 lbs	39-40	0.92	3565 lbs	-2023 lbs
11-40	0.49	-3315 lbs	-3315 lbs	2-41	0.45	2526 lbs	-1435 lbs	42-43	0.22	2235 lbs	-1253 lbs	34-41	0.71	1960 lbs	-1119 lbs
34-40	0.39	-2526 lbs	-2526 lbs					37-43	0.14	2235 lbs	-1253 lbs	17-49	0.89	-1625 lbs	-1625 lbs
34-36	0.31	-2148 lbs	-2148 lbs					6-12	0.29	-240 lbs	-240 lbs	15-49	0.05	93 lbs	-67 lbs
36-37	0.24	-1571 lbs	-1571 lbs					38-39	0.84	-2120 lbs	-2120 lbs	15-47	0.27	-444 lbs	-444 lbs
12-37	0.43	-448 lbs	-448 lbs					40-41	0.91	-2324 lbs	-2324 lbs				
								36-43	0.89	-1779 lbs	-1779 lbs				
								35-42	0.33	1539 lbs	-872 lbs				

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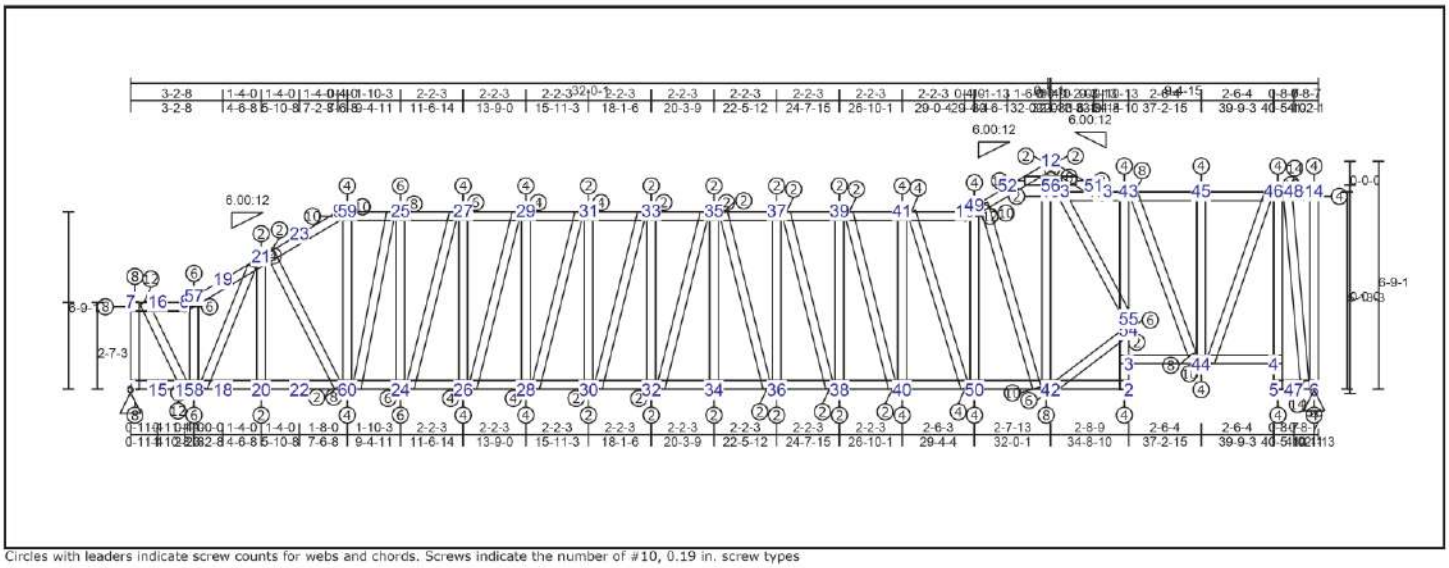
TRUSS TB96 (spacing 24 in)



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 :	0.97 (49 - 52)	TL(V): 0.47 in.	L / 872	(36-38)	L / 360
BC :	0.92 (24 - 26)	LL(V): 0.27 in.	L / 999	(36-38)	L / 360
Web :	0.98 (46 - 6)	DL(V): 0.2 in.	L / 999	(36-38)	L / 0
		Cant / OH TL: 0.16 in.	2L / 0	(3-44)	2L / 360
		Cant / OH LL: 0.16 in.	2L / 0	(3-44)	2L / 360
		Horiz TL: 0.06 in.		6	
		Web :			
		Snow/Wind -0.27 in.	L / 999	(36-38)	L / 360
		Cant (Snow/Wind) -0.16 in.	L / 0	(3-44)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		250 lbs	2540 lbs	0 lbs	-800 lbs	250 lbs
6	HRoll		0 lbs	2680 lbs	0 lbs	-880 lbs	0 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
6-10-9	41-3-14

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord			
12-51	0.47	-2578 lbs	-2578 lbs
13-51	0.57	-2578 lbs	-2578 lbs
10-49	0.75	-4048 lbs	-4048 lbs
49-52	0.97	-3952 lbs	-3952 lbs
12-52	0.89	-3952 lbs	-3952 lbs
8-57	0.48	-2465 lbs	-2465 lbs
21-57	0.45	-3562 lbs	-3562 lbs
9-21	0.47	-3445 lbs	-3445 lbs
7-8	0.83	-2083 lbs	-2083 lbs
9-59	0.41	-3121 lbs	-3121 lbs
25-59	0.46	-3690 lbs	-3690 lbs
25-27	0.47	-4263 lbs	-4263 lbs
27-29	0.48	-4706 lbs	-4706 lbs
29-31	0.48	-5032 lbs	-5032 lbs
31-33	0.48	-5242 lbs	-5242 lbs
33-35	0.48	-5339 lbs	-5339 lbs
35-37	0.48	-5339 lbs	-5339 lbs
37-39	0.48	-5314 lbs	-5314 lbs
39-41	0.48	-5172 lbs	-5172 lbs
10-41	0.59	-4970 lbs	-4970 lbs
11-53	0.14	-735 lbs	-735 lbs
13-53	0.75	-3057 lbs	-3057 lbs
13-43	0.71	-3057 lbs	-3057 lbs
43-45	0.48	-3036 lbs	-3036 lbs
45-46	0.93	-1990 lbs	-1990 lbs

Top Chord			
14-46	0.94	-569 lbs	-569 lbs
Bot Chord			
1-58	0.73	2152 lbs	-1374 lbs
20-58	0.67	2795 lbs	-1711 lbs
20-60	0.66	3134 lbs	-1864 lbs
24-60	0.80	3703 lbs	-2171 lbs
24-26	0.92	4276 lbs	-2476 lbs
26-28	0.86	4718 lbs	-2709 lbs
28-30	0.90	5044 lbs	-2877 lbs
30-32	0.91	5255 lbs	-2980 lbs
32-34	0.91	5351 lbs	-3021 lbs
34-36	0.90	5351 lbs	-3021 lbs
36-38	0.92	5327 lbs	-2993 lbs
38-40	0.87	5185 lbs	-2900 lbs
40-50	0.94	4982 lbs	-2772 lbs
42-50	0.84	4481 lbs	-2478 lbs
2-42	0.80	3234 lbs	-1779 lbs
3-44	0.60	3036 lbs	-1665 lbs
4-44	0.74	1990 lbs	-1092 lbs
5-6	0.98	539 lbs	-297 lbs

Web			
1-7	0.55	-2929 lbs	-2929 lbs
20-21	0.06	309 lbs	-152 lbs
24-25	0.80	2150 lbs	-1131 lbs
26-27	0.58	1607 lbs	-835 lbs
28-29	0.41	1191 lbs	-603 lbs
30-31	0.26	801 lbs	-386 lbs
32-33	0.11	411 lbs	-164 lbs
34-35	0.02	68 lbs	-25 lbs
36-37	0.08	153 lbs	-123 lbs
38-39	0.21	504 lbs	-314 lbs
40-41	0.39	971 lbs	-571 lbs
2-3	0.40	-377 lbs	-377 lbs
3-54	0.65	1093 lbs	-587 lbs
54-55	0.13	1093 lbs	-587 lbs
43-55	0.18	1373 lbs	-750 lbs
44-45	0.54	-835 lbs	-835 lbs
4-5	0.18	1283 lbs	-702 lbs
4-46	0.29	1283 lbs	-702 lbs
6-14	0.52	1090 lbs	-598 lbs
49-50	0.57	1354 lbs	-780 lbs
53-55	0.15	-331 lbs	-331 lbs
42-54	0.30	2141 lbs	-1181 lbs
57-58	0.47	-2255 lbs	-2255 lbs
59-60	0.62	1589 lbs	-891 lbs

52-56	0.88	-3736 lbs	-3736 lbs
51-56	0.88	-3031 lbs	-3031 lbs
11-42	0.34	2776 lbs	-1538 lbs
11-56	0.14	2748 lbs	-1512 lbs
24-27	0.68	-2022 lbs	-2022 lbs
26-29	0.73	-1560 lbs	-1560 lbs
28-31	0.88	-1151 lbs	-1151 lbs
30-33	0.55	-742 lbs	-742 lbs
32-35	0.25	-342 lbs	-342 lbs
35-36	0.06	99 lbs	-87 lbs
37-38	0.36	-501 lbs	-501 lbs
39-40	0.53	-714 lbs	-714 lbs
42-49	0.85	-3964 lbs	-3964 lbs
41-50	0.45	-1480 lbs	-1480 lbs
6-46	0.96	-5063 lbs	-5063 lbs
44-46	0.72	3762 lbs	-2062 lbs
43-44	0.80	-2651 lbs	-2651 lbs
7-58	0.53	4176 lbs	-2255 lbs
21-58	0.66	-1494 lbs	-1494 lbs
25-60	0.54	-2543 lbs	-2543 lbs
21-60	0.16	660 lbs	-299 lbs

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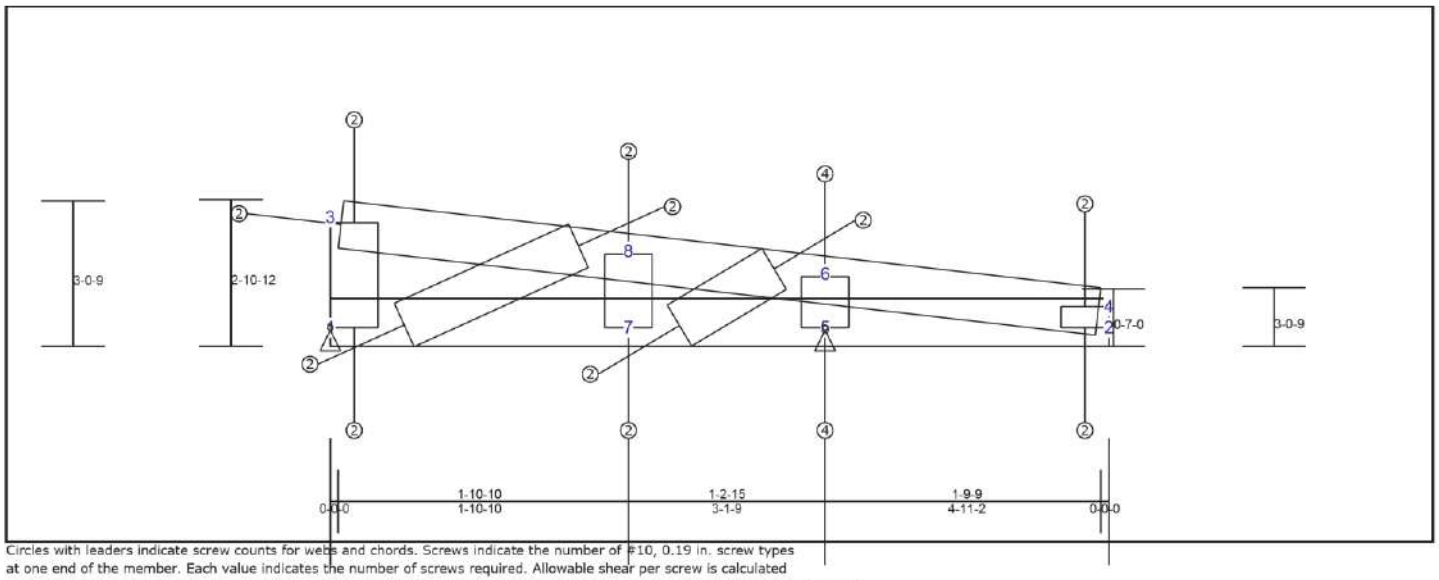
TRUSS TB97 (spacing 24 in)



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 :	0.18 (8 - 6)	TL(V): 0 in.	L / 999	(3-8)	L / 360
BC :	0.17 (1 - 7)	LL(V): 0 in.	L / 999	(3-8)	L / 360
Web :	0.15 (5 - 6)	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 in.	L / 999	(3-8)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-160 lbs	1120 lbs	0 lbs	-350 lbs	-160 lbs
5	Pin		-160 lbs	1120 lbs	0 lbs	-390 lbs	-160 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
2-11-12	4-11-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB7-8	0-0-0	0-0-0	Concentrated	Dead	Down	Global	300 lbs	300 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Live	Down	Global	500 lbs	500 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Wind	Up	Global	-800 lbs	-800 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Wind	Up	Global	-800 lbs	-800 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.12	-58 lbs	-58 lbs	1-7	0.17	201 lbs	-186 lbs	2-4	0.00	34 lbs	-32 lbs
6-8	0.18	-409 lbs	-409 lbs	5-7	0.17	-156 lbs	-156 lbs	5-6	0.15	-1048 lbs	-1048 lbs
4-6	0.17	-409 lbs	-409 lbs	2-5	0.04	-156 lbs	-156 lbs	1-3	0.01	-48 lbs	-48 lbs
								7-8	0.09	-569 lbs	-569 lbs
								6-7	0.05	746 lbs	-365 lbs
								1-8	0.11	-647 lbs	-647 lbs

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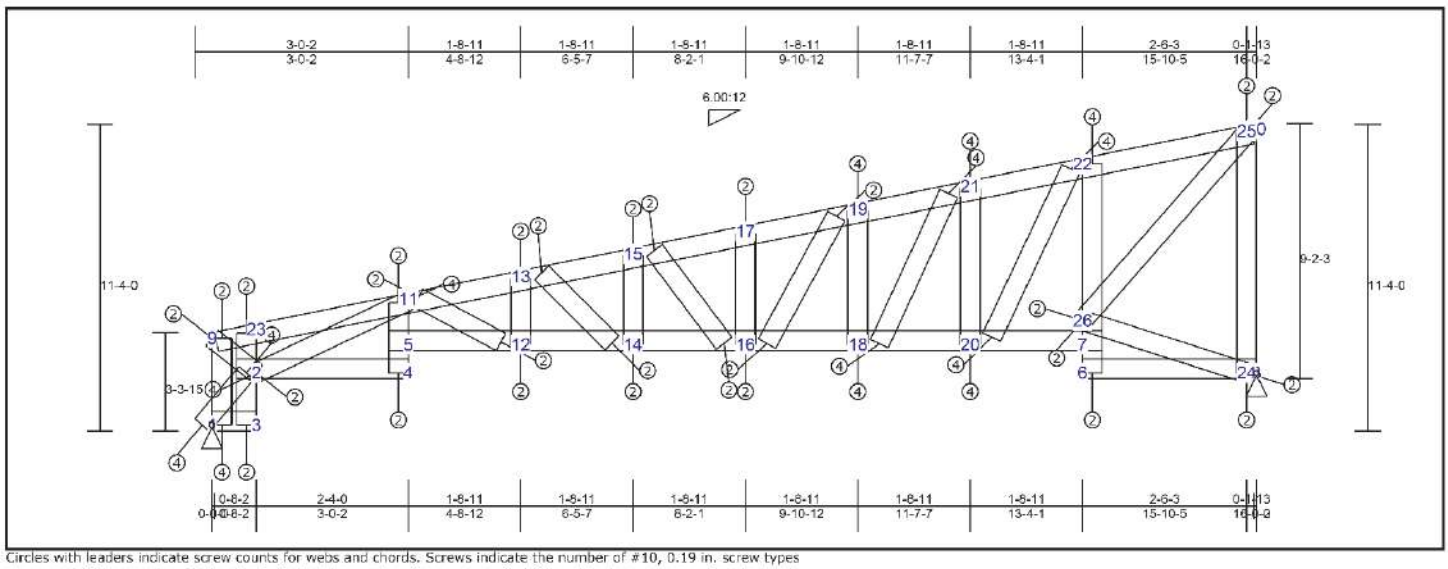
TRUSS TB98 (spacing 24 in)



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 :	0.17 (22 - 25)	TL(V): 0.03 in.	L / 999	(14-16)	L / 360
BC :	0.25 (2 - 4)	LL(V): 0.02 in.	L / 999	(14-16)	L / 360
Web :	0.96 (24 - 25)	DL(V): 0.01 in.	L / 999	(14-16)	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(14-16)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(14-16)	2L / 360
		Horiz TL: 0 in.		2	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(17-19)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(17-19)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		490 lbs	1000 lbs	0 lbs	-140 lbs	490 lbs
24	Pin		-690 lbs	980 lbs	0 lbs	-480 lbs	-690 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
11-3-12	16-3-10

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
9-23	0.07	285 lbs	-88 lbs	6-24	0.09	716 lbs	-694 lbs
11-23	0.10	-818 lbs	-818 lbs	8-24	0.08	716 lbs	-694 lbs
11-13	0.10	-865 lbs	-865 lbs	5-12	0.05	266 lbs	-30 lbs
13-15	0.10	-865 lbs	-865 lbs	12-14	0.05	268 lbs	-83 lbs
15-17	0.08	-763 lbs	-763 lbs	14-16	0.11	320 lbs	-155 lbs
17-19	0.13	-763 lbs	-763 lbs	16-18	0.17	371 lbs	-226 lbs
19-21	0.15	-652 lbs	-652 lbs	18-20	0.18	488 lbs	-371 lbs
21-22	0.15	-473 lbs	-473 lbs	7-20	0.18	598 lbs	-512 lbs
22-25	0.17	-319 lbs	-319 lbs	2-4	0.25	-658 lbs	-658 lbs
10-25	0.00	-3 lbs	-3 lbs	1-3	0.01	-130 lbs	-130 lbs

Web			
4-5	0.03	-11 lbs	-11 lbs
5-11	0.03	-13 lbs	-13 lbs
12-13	0.04	-221 lbs	-221 lbs
14-15	0.09	320 lbs	-311 lbs
16-17	0.09	-192 lbs	-192 lbs
18-19	0.61	-902 lbs	-902 lbs
20-21	0.95	-998 lbs	-998 lbs
6-7	0.10	48 lbs	-33 lbs
7-26	0.13	373 lbs	-363 lbs
22-26	0.37	-993 lbs	-993 lbs
2-3	0.22	-1361 lbs	-1361 lbs
2-23	0.27	-1361 lbs	-1361 lbs
24-25	0.96	-582 lbs	-582 lbs
1-9	0.21	-997 lbs	-997 lbs
2-9	0.01	-91 lbs	-91 lbs
1-2	0.21	-1439 lbs	-1439 lbs
2-11	0.35	-1090 lbs	-1090 lbs
25-26	0.50	669 lbs	-347 lbs
24-26	0.17	-672 lbs	-672 lbs
11-12	0.01	265 lbs	-33 lbs
13-14	0.04	225 lbs	-175 lbs
15-16	0.16	-447 lbs	-447 lbs
18-19	0.35	709 lbs	-548 lbs
18-21	0.62	921 lbs	-673 lbs
20-22	0.78	858 lbs	-598 lbs

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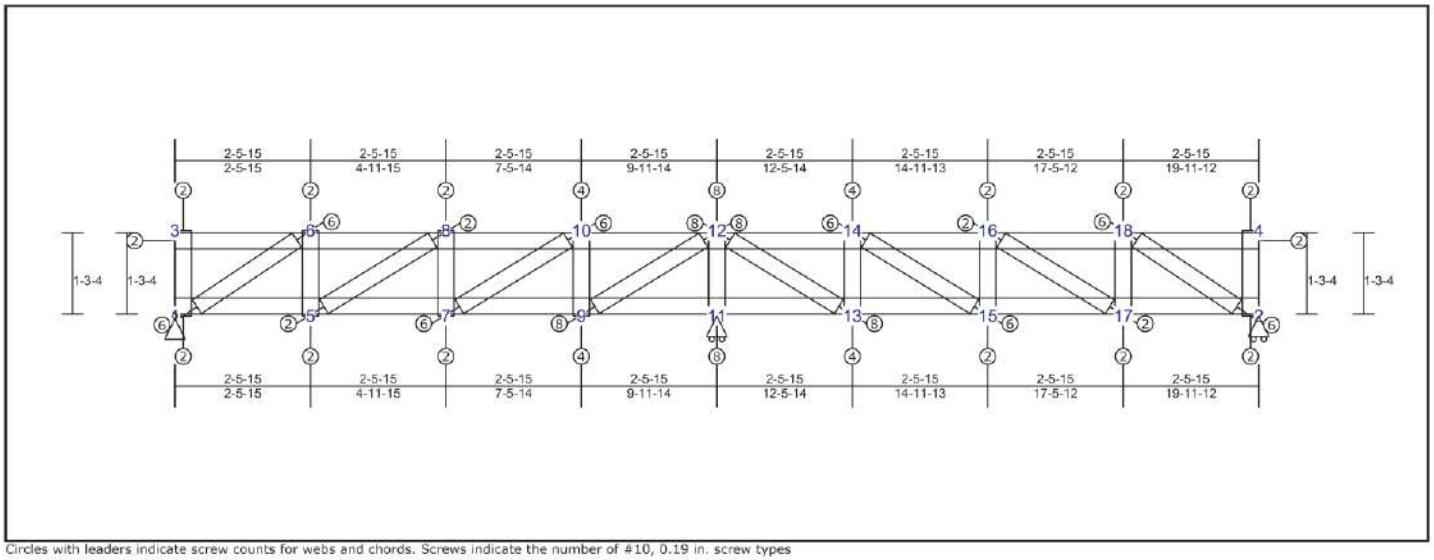
TRUSS TB99 (spacing 24 in)



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 (10 - 12)	TL(V): 0.02 in.	L / 999	(6-8)	L / 360
BC :	0.57 (9 - 11)	LL(V): 0.01 in.	L / 999	(6-8)	L / 360
Web :	0.50 (11 - 12)	DL(V): 0.01 in.	L / 999	(6-8)	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.		3	
		Web :			
		Snow/Wind -0.01 in.	L / 999	(6-8)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	1460 lbs	0 lbs	-160 lbs	0 lbs
2	HRoll		0 lbs	1460 lbs	0 lbs	-160 lbs	0 lbs
11	HRoll		0 lbs	1460 lbs	0 lbs	-490 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
1-3-4	19-11-12

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

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	-751 lbs	-751 lbs	1-5	0.27	751 lbs	-420 lbs	1-3	0.03	-93 lbs	-93 lbs
6-8	0.24	-831 lbs	-831 lbs	5-7	0.27	831 lbs	-465 lbs	5-6	0.02	137 lbs	-59 lbs
8-10	0.31	-831 lbs	-831 lbs	7-9	0.37	831 lbs	-465 lbs	7-8	0.10	-289 lbs	-289 lbs
10-12	0.57	977 lbs	-542 lbs	9-11	0.57	-977 lbs	-977 lbs	9-10	0.21	-581 lbs	-581 lbs
12-14	0.57	977 lbs	-542 lbs	11-13	0.57	-977 lbs	-977 lbs	11-12	0.50	-1400 lbs	-1400 lbs
14-16	0.31	-831 lbs	-831 lbs	13-15	0.37	831 lbs	-465 lbs	13-14	0.21	-581 lbs	-581 lbs
16-18	0.24	-831 lbs	-831 lbs	15-17	0.27	831 lbs	-465 lbs	15-16	0.10	-289 lbs	-289 lbs
4-18	0.21	-751 lbs	-751 lbs	2-17	0.27	751 lbs	-420 lbs	17-18	0.02	137 lbs	-59 lbs
								2-4	0.03	-93 lbs	-93 lbs
								1-6	0.31	-854 lbs	-854 lbs
								5-8	0.03	-89 lbs	-89 lbs
								7-10	0.16	792 lbs	-441 lbs
								9-12	0.25	1226 lbs	-683 lbs
								12-13	0.25	1226 lbs	-683 lbs
								14-15	0.16	792 lbs	-441 lbs
								16-17	0.03	-89 lbs	-89 lbs
								2-18	0.31	-854 lbs	-854 lbs

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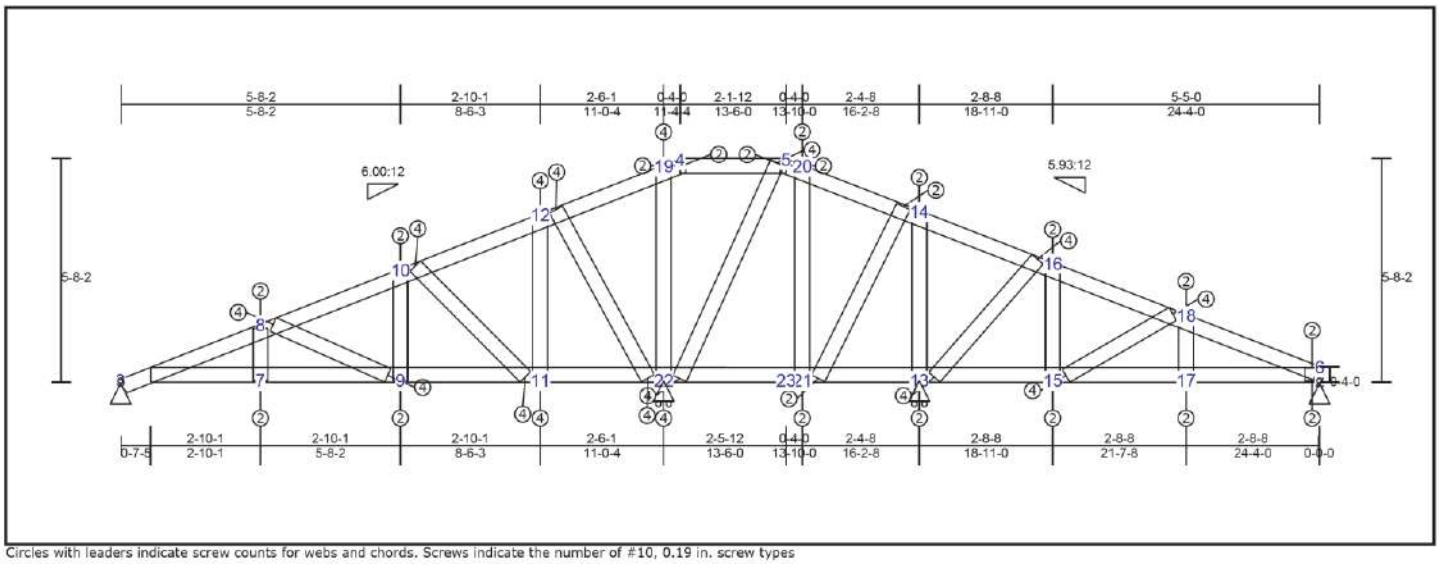
TRUSS TB100 (spacing 24 in)



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 (12 - 19)	TL(V): 0.01 in.	L / 999	(7-9)	L / 360
BC :	0.51 (11 - 22)	LL(V): 0.01 in.	L / 999	(7-9)	L / 360
Web :	0.69 (12 - 22)	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 in.		8	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(8-10)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Pin		480 lbs	480 lbs	0 lbs	-100 lbs	480 lbs
6	Pin		-380 lbs	360 lbs	0 lbs	-80 lbs	-380 lbs
13	HRoll		0 lbs	1420 lbs	0 lbs	-150 lbs	0 lbs
22	HRoll		0 lbs	1420 lbs	0 lbs	-150 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
5-11-6	24-4-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-5	0.15	324 lbs	-150 lbs	3-7	0.24	-417 lbs	-417 lbs	7-8	0.02	99 lbs	-58 lbs
5-20	0.08	272 lbs	-137 lbs	7-9	0.23	-417 lbs	-417 lbs	9-10	0.08	347 lbs	-221 lbs
14-20	0.12	272 lbs	-137 lbs	9-11	0.40	-592 lbs	-592 lbs	11-12	0.28	549 lbs	-365 lbs
14-16	0.30	285 lbs	-138 lbs	11-22	0.51	-860 lbs	-860 lbs	13-14	0.19	258 lbs	-240 lbs
16-18	0.25	-362 lbs	-362 lbs	21-22	0.49	-860 lbs	-860 lbs	15-16	0.08	343 lbs	-197 lbs
6-18	0.21	-497 lbs	-497 lbs	13-21	0.40	-728 lbs	-728 lbs	17-18	0.01	61 lbs	-20 lbs
3-8	0.31	-807 lbs	-807 lbs	13-15	0.40	-702 lbs	-702 lbs	2-6	0.00	27 lbs	-11 lbs
8-10	0.26	-679 lbs	-679 lbs	15-17	0.23	-383 lbs	-383 lbs	20-21	0.13	-109 lbs	-109 lbs
10-12	0.36	371 lbs	-242 lbs	2-17	0.05	-8 lbs	-8 lbs	19-22	0.48	-387 lbs	-387 lbs
12-19	0.41	412 lbs	-242 lbs					8-9	0.20	-511 lbs	-511 lbs
4-19	0.18	253 lbs	-125 lbs					10-11	0.40	-658 lbs	-658 lbs
								13-16	0.34	-549 lbs	-549 lbs
								15-18	0.18	-457 lbs	-457 lbs
								12-22	0.69	-698 lbs	-698 lbs
								14-21	0.06	176 lbs	-60 lbs
								5-22	0.58	-371 lbs	-371 lbs

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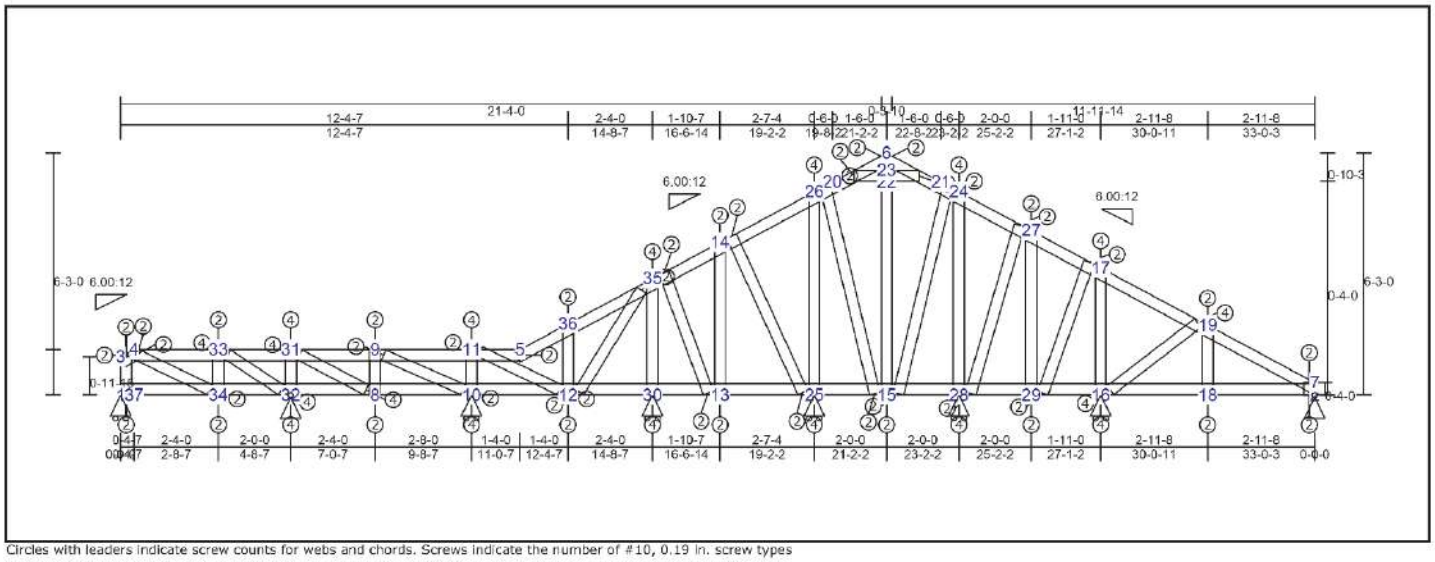
TRUSS TB101 (spacing 12 in)



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 :	0.27 (33 - 31)	TL(V): 0.03 in.	L / 999	4	L / 360
BC :	0.46 (32 - 8)	LL(V): 0.02 in.	L / 999	4	L / 360
Web :	0.44 (28 - 24)	DL(V): 0.01 in.	L / 999	4	L / 0
		Cant / OH TL: -0.01 in.	2L / 371	3	2L / 360
		Cant / OH LL: -0.01 in.	2L / 371	3	2L / 360
		Horiz TL: -0.02 in.		3	
		Web :			
		Snow/Wind -0.02 in.	L / 331	(3-4)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 482	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		100 lbs	870 lbs	0 lbs	-30 lbs	100 lbs
7	Pin		-180 lbs	230 lbs	0 lbs	-10 lbs	-180 lbs
10	HRoll		100 lbs	870 lbs	0 lbs	-50 lbs	100 lbs
16	HRoll		100 lbs	870 lbs	0 lbs	-50 lbs	100 lbs
25	HRoll		100 lbs	870 lbs	0 lbs	-50 lbs	100 lbs
28	HRoll		100 lbs	870 lbs	0 lbs	-50 lbs	100 lbs
30	HRoll		100 lbs	870 lbs	0 lbs	-50 lbs	100 lbs
32	Pin		100 lbs	870 lbs	0 lbs	-50 lbs	100 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
6-3-0	33-0-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-21	0.10	-210 lbs	-210 lbs	1-34	0.29	-292 lbs	-292 lbs	1-3	0.01	-37 lbs	-37 lbs	11-12	0.03	134 lbs	-92 lbs
21-24	0.16	124 lbs	-59 lbs	32-34	0.40	-767 lbs	-767 lbs	8-9	0.09	-254 lbs	-254 lbs	16-19	0.17	-387 lbs	-387 lbs
24-27	0.18	179 lbs	-59 lbs	8-32	0.46	-767 lbs	-767 lbs	10-11	0.14	-390 lbs	-390 lbs	15-24	0.03	79 lbs	-24 lbs
17-27	0.17	170 lbs	-89 lbs	8-10	0.23	-349 lbs	-349 lbs	13-14	0.07	-100 lbs	-100 lbs	15-26	0.02	65 lbs	-16 lbs
17-19	0.19	268 lbs	-207 lbs	10-12	0.19	-251 lbs	-251 lbs	16-17	0.20	-415 lbs	-415 lbs	14-25	0.12	159 lbs	-137 lbs
7-19	0.18	-219 lbs	-219 lbs	12-30	0.15	-242 lbs	-242 lbs	18-19	0.01	60 lbs	-12 lbs	27-28	0.03	62 lbs	-32 lbs
4-33	0.12	287 lbs	-170 lbs	13-30	0.14	-242 lbs	-242 lbs	2-7	0.00	34 lbs	-9 lbs	17-29	0.04	141 lbs	-62 lbs
31-33	0.27	680 lbs	-432 lbs	13-25	0.15	-253 lbs	-253 lbs	25-26	0.41	-358 lbs	-358 lbs	8-31	0.09	465 lbs	-260 lbs
9-31	0.27	680 lbs	-432 lbs	15-25	0.19	-253 lbs	-253 lbs	24-28	0.44	-384 lbs	-384 lbs	32-33	0.17	-461 lbs	-461 lbs
9-11	0.23	262 lbs	-199 lbs	15-28	0.19	-264 lbs	-264 lbs	27-29	0.15	-197 lbs	-197 lbs	12-35	0.07	206 lbs	-138 lbs
5-11	0.23	-197 lbs	-197 lbs	28-29	0.19	-265 lbs	-265 lbs	31-32	0.17	-468 lbs	-468 lbs	13-35	0.01	106 lbs	0 lbs
5-36	0.11	-113 lbs	-113 lbs	16-29	0.21	-315 lbs	-315 lbs	33-34	0.01	43 lbs	-16 lbs	4-34	0.12	-320 lbs	-320 lbs
35-36	0.19	238 lbs	-149 lbs	16-18	0.21	-315 lbs	-315 lbs	30-35	0.20	-493 lbs	-493 lbs				
14-35	0.16	110 lbs	-15 lbs	2-18	0.05	0 lbs	0 lbs	12-36	0.09	-250 lbs	-250 lbs				
14-26	0.16	188 lbs	-56 lbs					20-22	0.08	259 lbs	-9 lbs				
20-26	0.14	111 lbs	-59 lbs					21-22	0.08	259 lbs	-9 lbs				
6-20	0.09	-214 lbs	-214 lbs					15-22	0.16	-179 lbs	-179 lbs				
3-4	0.01	14 lbs	-11 lbs					22-23	0.16	-179 lbs	-179 lbs				
								9-10	0.01	106 lbs	-33 lbs				

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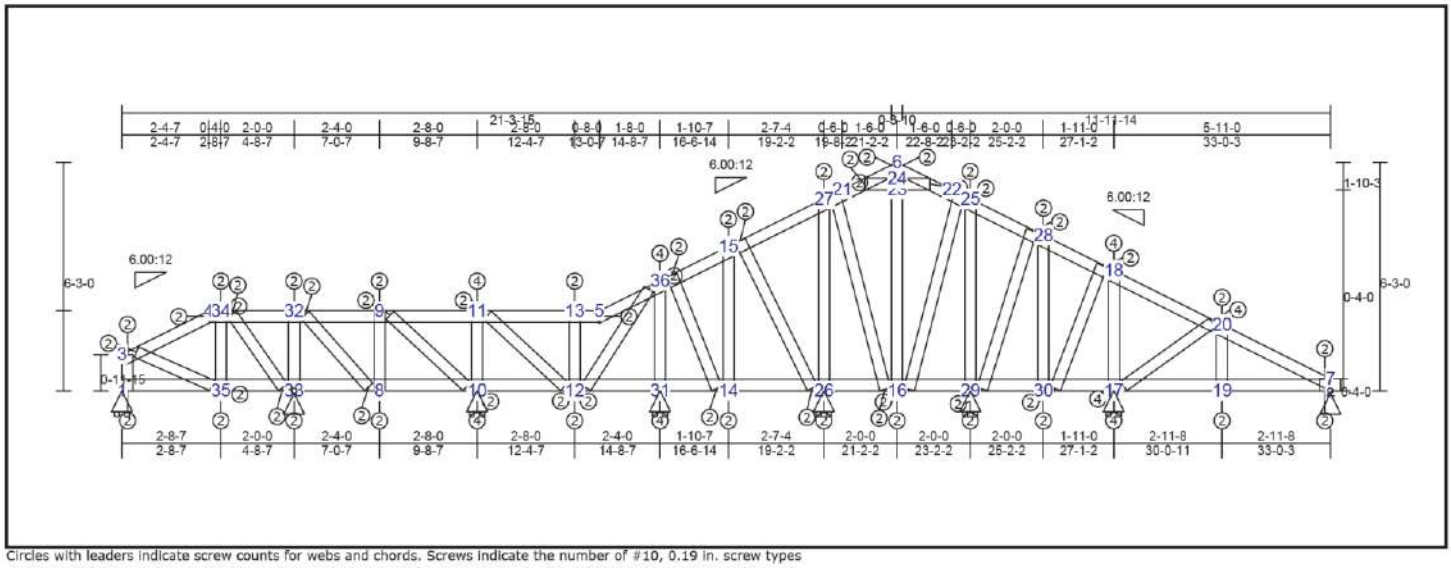
TRUSS TB102 (spacing 24 in)



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 :	0.22 (9 - 11)	TL(V): 0 in.	L / 999	(6-22)	L / 360
BC :	0.21 (30 - 17)	LL(V): 0 in.	L / 999	(6-22)	L / 360
Web :	0.39 (29 - 25)	DL(V): 0 in.	L / 999	(6-22)	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	(6-22)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	730 lbs	0 lbs	-50 lbs	0 lbs
7	Pin		-240 lbs	280 lbs	0 lbs	-10 lbs	-240 lbs
10	HRoll		-80 lbs	730 lbs	0 lbs	-50 lbs	-80 lbs
17	HRoll		-80 lbs	730 lbs	0 lbs	-50 lbs	-80 lbs
26	HRoll		-80 lbs	730 lbs	0 lbs	-50 lbs	-80 lbs
29	HRoll		-80 lbs	730 lbs	0 lbs	-50 lbs	-80 lbs
31	HRoll		-80 lbs	730 lbs	0 lbs	-50 lbs	-80 lbs
33	Pin		-80 lbs	730 lbs	0 lbs	-50 lbs	-80 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
6-3-0	33-0-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-22	0.08	-187 lbs	-187 lbs	1-35	0.04	140 lbs	-33 lbs	1-3	0.09	-262 lbs	-262 lbs	11-12	0.03	229 lbs	-79 lbs
22-25	0.14	102 lbs	-93 lbs	33-35	0.15	-183 lbs	-183 lbs	8-9	0.02	-55 lbs	-55 lbs	17-20	0.18	-397 lbs	-397 lbs
25-28	0.15	108 lbs	-93 lbs	8-33	0.15	-183 lbs	-183 lbs	10-11	0.16	-427 lbs	-427 lbs	16-25	0.02	65 lbs	-15 lbs
18-28	0.16	84 lbs	-69 lbs	8-10	0.18	-316 lbs	-316 lbs	12-13	0.11	-315 lbs	-315 lbs	16-27	0.02	52 lbs	-17 lbs
18-20	0.18	-185 lbs	-185 lbs	10-12	0.18	-316 lbs	-316 lbs	14-15	0.04	-55 lbs	-55 lbs	15-26	0.13	157 lbs	-155 lbs
7-20	0.20	-304 lbs	-304 lbs	12-31	0.17	-232 lbs	-232 lbs	17-18	0.19	-394 lbs	-394 lbs	28-29	0.03	58 lbs	-40 lbs
4-34	0.07	-167 lbs	-167 lbs	14-31	0.13	-232 lbs	-232 lbs	19-20	0.01	61 lbs	-11 lbs	18-30	0.03	122 lbs	-58 lbs
32-34	0.15	-167 lbs	-167 lbs	14-26	0.16	-274 lbs	-274 lbs	2-7	0.00	32 lbs	-9 lbs	8-32	0.01	80 lbs	-23 lbs
9-32	0.15	-96 lbs	-96 lbs	16-26	0.19	-274 lbs	-274 lbs	26-27	0.35	-310 lbs	-310 lbs	3-35	0.02	153 lbs	-36 lbs
9-11	0.22	-115 lbs	-115 lbs	16-29	0.19	-287 lbs	-287 lbs	25-29	0.39	-343 lbs	-343 lbs	33-34	0.08	-218 lbs	-218 lbs
11-13	0.22	-115 lbs	-115 lbs	29-30	0.19	-287 lbs	-287 lbs	28-30	0.13	-174 lbs	-174 lbs	12-36	0.04	157 lbs	-95 lbs
5-13	0.15	-96 lbs	-96 lbs	17-30	0.21	-323 lbs	-323 lbs	32-33	0.11	-293 lbs	-293 lbs	14-36	0.01	69 lbs	-8 lbs
5-36	0.18	-121 lbs	-121 lbs	17-19	0.21	-323 lbs	-323 lbs	34-35	0.01	33 lbs	-28 lbs				
15-36	0.16	-88 lbs	-88 lbs	2-19	0.04	0 lbs	0 lbs	31-36	0.18	-435 lbs	-435 lbs				
15-27	0.13	94 lbs	-87 lbs					21-23	0.04	178 lbs	-25 lbs				
21-27	0.12	89 lbs	-87 lbs					22-23	0.04	178 lbs	-25 lbs				
6-21	0.07	-191 lbs	-191 lbs					16-23	0.19	-138 lbs	-138 lbs				
3-4	0.16	-198 lbs	-198 lbs					23-24	0.19	-138 lbs	-138 lbs				
								9-10	0.12	-279 lbs	-279 lbs				

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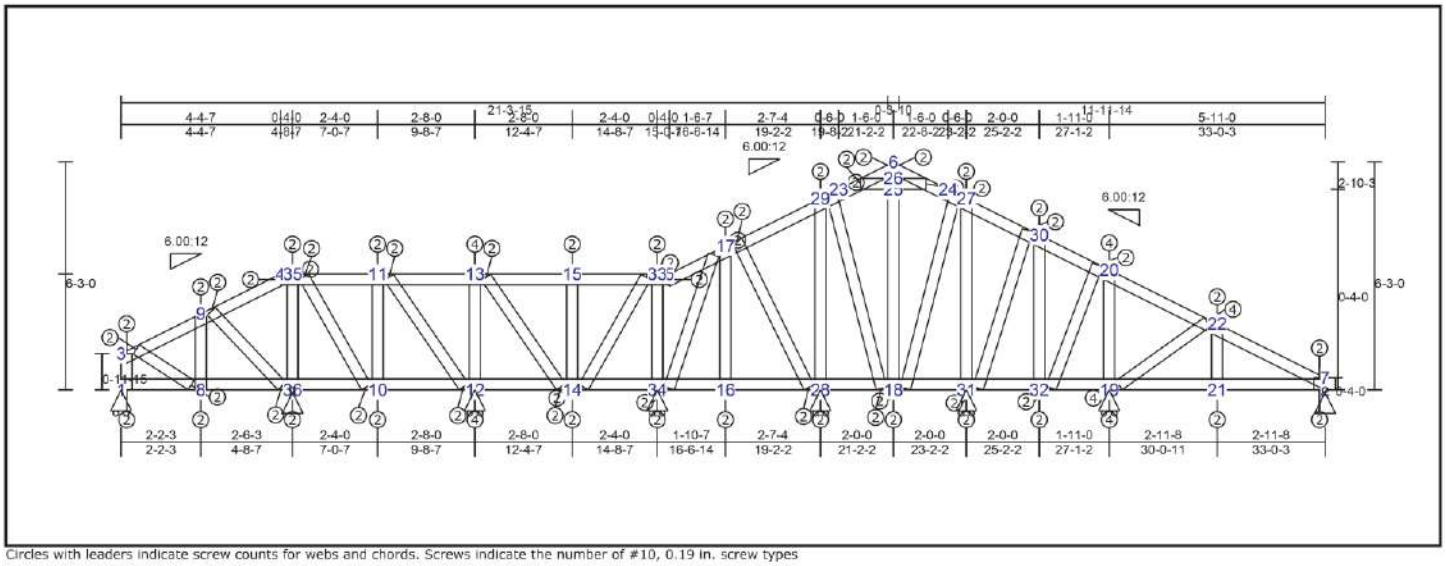
TRUSS TB103 (spacing 24 in)



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 (11 - 13)	TL(V): 0 in.	L / 999	(4-35)	L / 360
BC :	0.21 (32 - 19)	LL(V): 0 in.	L / 999	(4-35)	L / 360
Web :	0.38 (31 - 27)	DL(V): 0 in.	L / 999	(4-35)	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	(4-35)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	740 lbs	0 lbs	-40 lbs	0 lbs
7	Pin		-260 lbs	290 lbs	0 lbs	-20 lbs	-260 lbs
12	HRoll		0 lbs	740 lbs	0 lbs	-50 lbs	0 lbs
19	HRoll		0 lbs	740 lbs	0 lbs	-50 lbs	0 lbs
28	HRoll		0 lbs	740 lbs	0 lbs	-50 lbs	0 lbs
31	HRoll		0 lbs	740 lbs	0 lbs	-50 lbs	0 lbs
34	HRoll		0 lbs	740 lbs	0 lbs	-50 lbs	0 lbs
36	Pin		0 lbs	740 lbs	0 lbs	-50 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
6-3-0	33-0-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
4-35	0.14	60 lbs	-29 lbs	1-8	0.06	139 lbs	-38 lbs	1-3	0.09	-260 lbs	-260 lbs	11-12	0.12	-188 lbs	-188 lbs
11-35	0.14	88 lbs	-85 lbs	8-36	0.16	-239 lbs	-239 lbs	8-9	0.02	-62 lbs	-62 lbs	13-14	0.07	203 lbs	-108 lbs
11-13	0.24	88 lbs	-85 lbs	10-36	0.16	-239 lbs	-239 lbs	10-11	0.05	-117 lbs	-117 lbs	19-22	0.18	-395 lbs	-395 lbs
13-15	0.24	-94 lbs	-94 lbs	10-12	0.17	-282 lbs	-282 lbs	12-13	0.21	-453 lbs	-453 lbs	18-27	0.03	70 lbs	-21 lbs
15-33	0.13	-94 lbs	-94 lbs	12-14	0.17	-282 lbs	-282 lbs	14-15	0.13	-291 lbs	-291 lbs	18-29	0.03	51 lbs	-24 lbs
5-33	0.13	-60 lbs	-60 lbs	14-34	0.17	-220 lbs	-220 lbs	16-17	0.01	41 lbs	-8 lbs	17-28	0.15	-179 lbs	-179 lbs
5-17	0.04	-118 lbs	-118 lbs	16-34	0.13	-220 lbs	-220 lbs	19-20	0.19	-407 lbs	-407 lbs	30-31	0.03	56 lbs	-35 lbs
17-29	0.12	-114 lbs	-114 lbs	16-28	0.15	-259 lbs	-259 lbs	21-22	0.01	61 lbs	-12 lbs	20-32	0.04	135 lbs	-64 lbs
23-29	0.10	-114 lbs	-114 lbs	18-28	0.18	-261 lbs	-261 lbs	2-7	0.00	33 lbs	-9 lbs	14-33	0.05	107 lbs	-81 lbs
6-23	0.06	-179 lbs	-179 lbs	18-31	0.18	-279 lbs	-279 lbs	28-29	0.31	-273 lbs	-273 lbs	17-34	0.08	-126 lbs	-126 lbs
6-24	0.06	-173 lbs	-173 lbs	31-32	0.19	-279 lbs	-279 lbs	27-31	0.38	-337 lbs	-337 lbs	9-36	0.10	-243 lbs	-243 lbs
24-27	0.13	-124 lbs	-124 lbs	19-32	0.21	-321 lbs	-321 lbs	30-32	0.14	-185 lbs	-185 lbs	10-35	0.03	129 lbs	-60 lbs
27-30	0.15	-124 lbs	-124 lbs	19-21	0.21	-321 lbs	-321 lbs	33-34	0.14	-314 lbs	-314 lbs				
20-30	0.16	-78 lbs	-78 lbs	2-21	0.04	0 lbs	0 lbs	35-36	0.14	-319 lbs	-319 lbs				
20-22	0.19	-189 lbs	-189 lbs					23-25	0.05	139 lbs	-40 lbs				
7-22	0.21	-332 lbs	-332 lbs					24-25	0.05	139 lbs	-40 lbs				
3-9	0.15	-182 lbs	-182 lbs					18-25	0.04	-115 lbs	-115 lbs				
4-9	0.10	-144 lbs	-144 lbs					25-26	0.02	-115 lbs	-115 lbs				
								3-8	0.02	166 lbs	-45 lbs				

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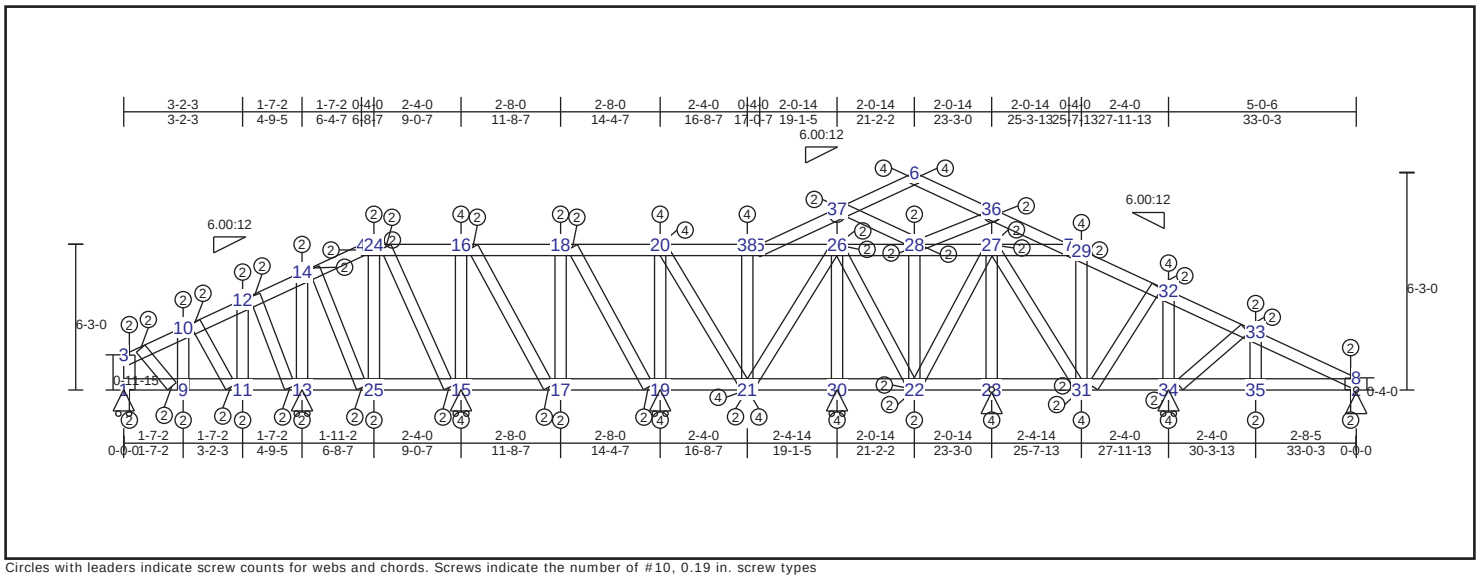
TRUSS TB104 (spacing 24 in)



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): 0.02 in.	L / 999	(5-37)	L / 360
BC :	0.29 (19 - 21)	LL(V): 0.02 in.	L / 999	(5-37)	L / 360
Web :	0.49 (30 - 26)	DL(V): 0 in.	L / 999	(5-37)	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.		36	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(5-37)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	930 lbs	0 lbs	-90 lbs	0 lbs
8	Pin		-320 lbs	340 lbs	0 lbs	-70 lbs	-320 lbs
13	HRoll		0 lbs	930 lbs	0 lbs	-130 lbs	0 lbs
15	HRoll		0 lbs	930 lbs	0 lbs	-130 lbs	0 lbs
19	HRoll		0 lbs	930 lbs	0 lbs	-130 lbs	0 lbs
23	Pin		0 lbs	930 lbs	0 lbs	-130 lbs	0 lbs
30	HRoll		0 lbs	930 lbs	0 lbs	-130 lbs	0 lbs
34	HRoll		0 lbs	930 lbs	0 lbs	-130 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
6-3-14	33-0-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-37	0.34	-491 lbs	-491 lbs	1-9	0.12	144 lbs	-52 lbs	1-3	0.10	-288 lbs	-288 lbs
6-37	0.29	-491 lbs	-491 lbs	9-11	0.12	144 lbs	-52 lbs	9-10	0.06	-162 lbs	-162 lbs
3-10	0.18	-186 lbs	-186 lbs	11-13	0.19	93 lbs	-52 lbs	11-12	0.05	176 lbs	-139 lbs
10-12	0.13	-186 lbs	-186 lbs	13-25	0.19	114 lbs	-57 lbs	13-14	0.12	-241 lbs	-241 lbs
12-14	0.15	-127 lbs	-127 lbs	15-25	0.11	121 lbs	-72 lbs	15-16	0.27	-371 lbs	-371 lbs
4-14	0.10	128 lbs	-127 lbs	15-17	0.11	130 lbs	-72 lbs	17-18	0.05	-68 lbs	-68 lbs
6-36	0.28	-416 lbs	-416 lbs	17-19	0.20	185 lbs	-133 lbs	19-20	0.45	-600 lbs	-600 lbs
7-36	0.27	-492 lbs	-492 lbs	19-21	0.29	185 lbs	-133 lbs	2-8	0.00	28 lbs	-6 lbs
7-29	0.35	-492 lbs	-492 lbs	21-30	0.29	162 lbs	-47 lbs	24-25	0.05	-68 lbs	-68 lbs
29-32	0.25	-477 lbs	-477 lbs	22-30	0.09	166 lbs	-47 lbs	23-27	0.44	-586 lbs	-586 lbs
32-33	0.23	-328 lbs	-328 lbs	22-23	0.12	-225 lbs	-225 lbs	22-28	0.05	-72 lbs	-72 lbs
8-33	0.21	-442 lbs	-442 lbs	23-31	0.20	-225 lbs	-225 lbs	26-30	0.49	-656 lbs	-656 lbs
4-24	0.05	136 lbs	-108 lbs	31-34	0.20	-231 lbs	-231 lbs	29-31	0.34	-494 lbs	-494 lbs
16-24	0.19	136 lbs	-108 lbs	34-35	0.19	-231 lbs	-231 lbs	32-34	0.18	-473 lbs	-473 lbs
16-18	0.19	123 lbs	-106 lbs	2-35	0.03	0 lbs	0 lbs	33-35	0.01	48 lbs	-9 lbs
18-20	0.32	123 lbs	-106 lbs					28-37	0.00	0 lbs	0 lbs
20-38	0.32	-188 lbs	-188 lbs					28-36	0.00	0 lbs	0 lbs
5-38	0.31	-188 lbs	-188 lbs					22-27	0.06	94 lbs	-72 lbs
5-26	0.32	230 lbs	-188 lbs					27-31	0.16	252 lbs	-168 lbs
26-28	0.32	230 lbs	-27 lbs					22-26	0.05	81 lbs	-54 lbs
27-28	0.35	199 lbs	-31 lbs					21-26	0.09	138 lbs	-92 lbs
7-27	0.35	175 lbs	-78 lbs					21-38	0.44	-583 lbs	-583 lbs
								20-21	0.22	452 lbs	-236 lbs
								3-9	0.03	236 lbs	-85 lbs
								10-11	0.05	-133 lbs	-133 lbs
								12-13	0.11	-280 lbs	-280 lbs
								16-17	0.03	91 lbs	-30 lbs
								18-19	0.22	-248 lbs	-248 lbs
								15-24	0.10	-114 lbs	-114 lbs
								14-25	0.01	69 lbs	-15 lbs
								31-32	0.06	260 lbs	-113 lbs
								33-34	0.12	-316 lbs	-316 lbs

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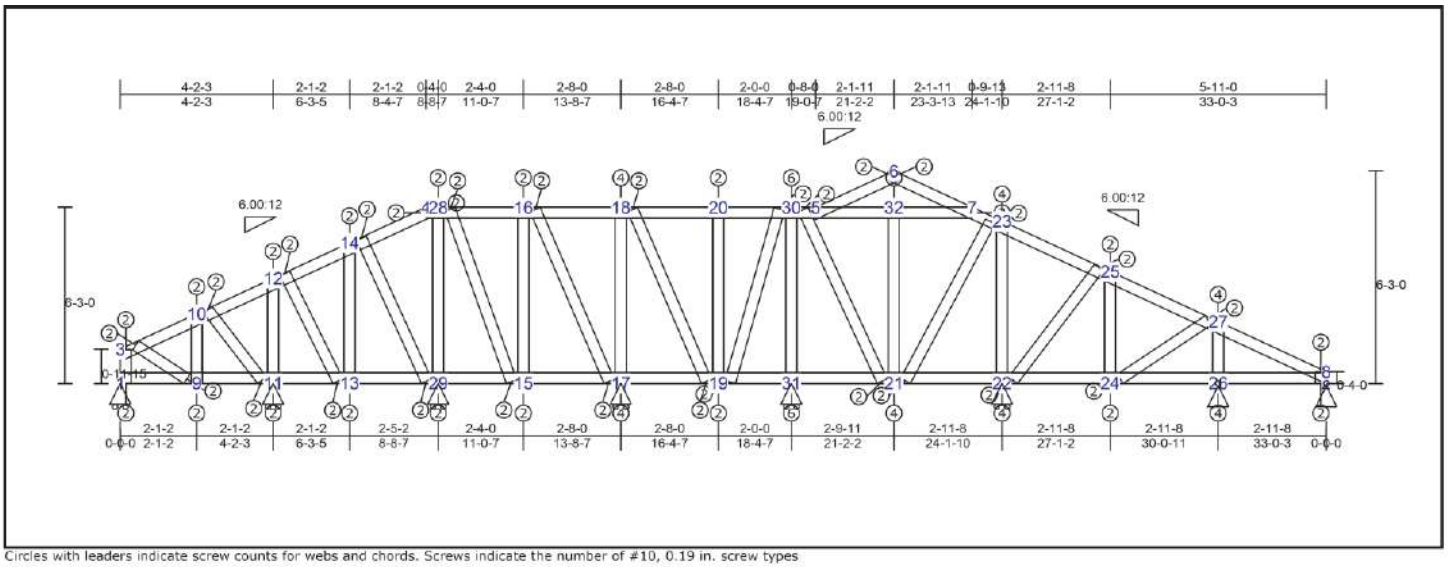
TRUSS TB105 (spacing 24 in)



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 (20 - 30)	TL(V): 0 in.	L / 999	(5-6)	L / 360
BC :	0.21 (31 - 21)	LL(V): 0 in.	L / 999	(5-6)	L / 360
Web :	0.82 (31 - 30)	DL(V): 0 in.	L / 999	(5-6)	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.		5	
		Web :			
		Snow/Wind 0 in.	L / 999	(5-6)	L / 360
		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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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		130 lbs	940 lbs	0 lbs	-40 lbs	130 lbs
8	Pin		-170 lbs	150 lbs	0 lbs	-40 lbs	-170 lbs
11	HRoll		130 lbs	940 lbs	0 lbs	-60 lbs	130 lbs
17	HRoll		130 lbs	940 lbs	0 lbs	-60 lbs	130 lbs
22	HRoll		130 lbs	940 lbs	0 lbs	-60 lbs	130 lbs
26	Pin		130 lbs	940 lbs	0 lbs	-60 lbs	130 lbs
29	HRoll		130 lbs	940 lbs	0 lbs	-60 lbs	130 lbs
31	HRoll		130 lbs	940 lbs	0 lbs	-60 lbs	130 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
6-3-0	33-0-3

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-6	0.15	-309 lbs	-309 lbs	1-9	0.06	116 lbs	-22 lbs	1-3	0.09	-241 lbs	-241 lbs
6-7	0.15	-310 lbs	-310 lbs	9-11	0.14	116 lbs	-46 lbs	9-10	0.02	-67 lbs	-67 lbs
7-23	0.29	-310 lbs	-310 lbs	11-13	0.14	121 lbs	-46 lbs	11-12	0.14	-323 lbs	-323 lbs
23-25	0.32	-287 lbs	-287 lbs	13-29	0.15	155 lbs	-80 lbs	13-14	0.05	-74 lbs	-74 lbs
25-27	0.22	-242 lbs	-242 lbs	15-29	0.15	165 lbs	-80 lbs	15-16	0.09	-87 lbs	-87 lbs
8-27	0.25	-209 lbs	-209 lbs	15-17	0.18	171 lbs	-116 lbs	17-18	0.45	-401 lbs	-401 lbs
3-10	0.14	-157 lbs	-157 lbs	17-19	0.18	171 lbs	-116 lbs	19-20	0.17	-161 lbs	-161 lbs
10-12	0.15	-162 lbs	-162 lbs	19-31	0.11	170 lbs	-90 lbs	22-23	0.61	-633 lbs	-633 lbs
12-14	0.13	-162 lbs	-162 lbs	21-31	0.21	191 lbs	-89 lbs	24-25	0.01	-27 lbs	-27 lbs
4-14	0.08	150 lbs	-130 lbs	21-22	0.21	191 lbs	-83 lbs	26-27	0.18	-512 lbs	-512 lbs
4-28	0.13	152 lbs	-116 lbs	22-24	0.19	192 lbs	-99 lbs	2-8	0.00	20 lbs	-2 lbs
16-28	0.13	155 lbs	-137 lbs	24-26	0.06	192 lbs	-99 lbs	28-29	0.30	-270 lbs	-270 lbs
16-18	0.21	155 lbs	-137 lbs	2-26	0.06	148 lbs	-93 lbs	30-31	0.82	-713 lbs	-713 lbs
18-20	0.21	144 lbs	-108 lbs					21-32	0.46	-411 lbs	-411 lbs
20-30	0.41	142 lbs	-108 lbs					3-9	0.02	142 lbs	-27 lbs
5-30	0.41	-183 lbs	-183 lbs					10-11	0.07	-177 lbs	-177 lbs
5-32	0.22	-183 lbs	-183 lbs					12-13	0.01	72 lbs	-13 lbs
7-32	0.19	150 lbs	-59 lbs					16-17	0.25	-200 lbs	-200 lbs
								18-19	0.08	108 lbs	-62 lbs

Web			
21-23	0.09	173 lbs	-78 lbs
22-25	0.18	-247 lbs	-247 lbs
24-27	0.01	99 lbs	-10 lbs
15-28	0.06	84 lbs	-47 lbs
14-29	0.15	-174 lbs	-174 lbs
19-30	0.01	14 lbs	-6 lbs
21-30	0.19	242 lbs	-150 lbs

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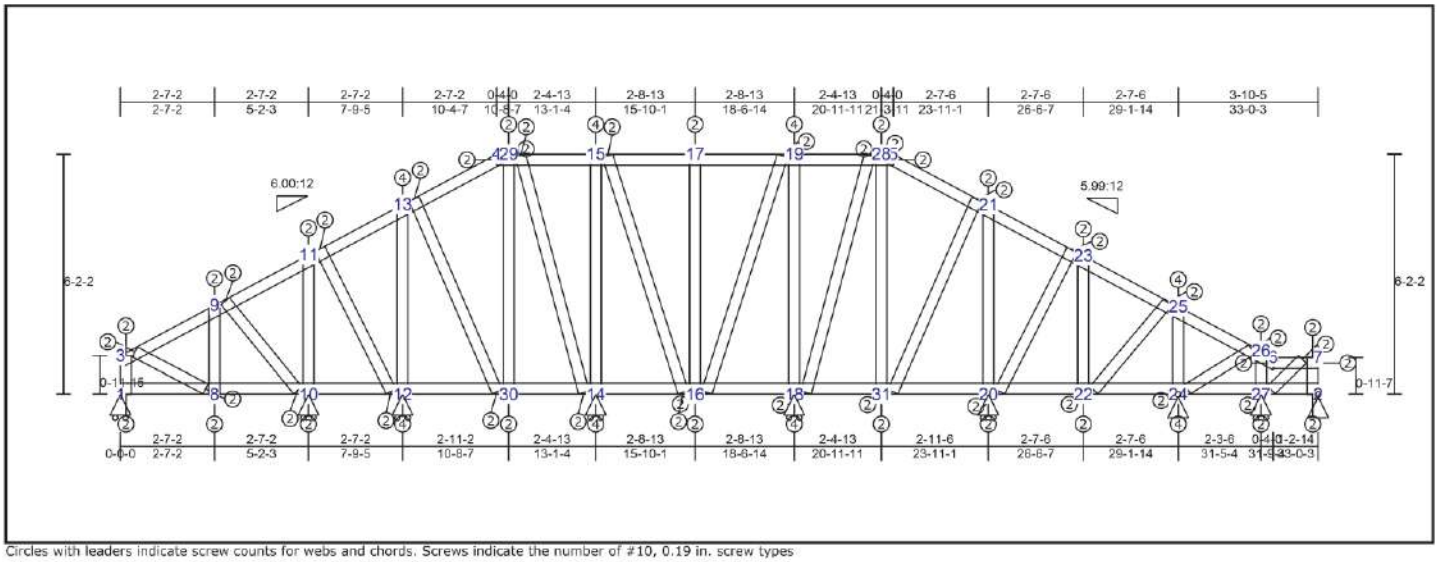
TRUSS TB106 (spacing 24 in)



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 :	0.21 (29 - 15)	TL(V): 0 in.	L / 999	(4-29)	L / 360
BC :	0.20 (16 - 18)	LL(V): 0 in.	L / 999	(4-29)	L / 360
Web :	0.66 (14 - 15)	DL(V): 0 in.	L / 999	(4-29)	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	(4-29)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	710 lbs	0 lbs	-20 lbs	0 lbs
2	Pin		-30 lbs	710 lbs	0 lbs	-20 lbs	-30 lbs
10	HRoll		0 lbs	710 lbs	0 lbs	-20 lbs	0 lbs
12	HRoll		0 lbs	710 lbs	0 lbs	-20 lbs	0 lbs
14	HRoll		0 lbs	710 lbs	0 lbs	-20 lbs	0 lbs
18	HRoll		0 lbs	710 lbs	0 lbs	-20 lbs	0 lbs
20	HRoll		0 lbs	710 lbs	0 lbs	-20 lbs	0 lbs
24	Pin		0 lbs	710 lbs	0 lbs	-20 lbs	0 lbs
27	HRoll		0 lbs	710 lbs	0 lbs	-20 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
6-2-2	33-0-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-29	0.08	180 lbs	-145 lbs	1-8	0.05	160 lbs	-20 lbs
15-29	0.21	180 lbs	-145 lbs	8-10	0.17	160 lbs	-80 lbs
15-17	0.21	164 lbs	-133 lbs	10-12	0.17	176 lbs	-103 lbs
17-19	0.20	164 lbs	-133 lbs	12-30	0.07	216 lbs	-113 lbs
19-28	0.20	161 lbs	-149 lbs	14-30	0.19	221 lbs	-141 lbs
5-28	0.08	161 lbs	-149 lbs	14-16	0.19	226 lbs	-141 lbs
5-21	0.14	-169 lbs	-169 lbs	16-18	0.20	226 lbs	-137 lbs
21-23	0.16	-169 lbs	-169 lbs	18-31	0.20	238 lbs	-137 lbs
23-25	0.17	-192 lbs	-192 lbs	20-31	0.17	238 lbs	-112 lbs
25-26	0.19	-185 lbs	-185 lbs	20-22	0.17	205 lbs	-95 lbs
6-26	0.08	-85 lbs	-85 lbs	22-24	0.05	201 lbs	-72 lbs
6-7	0.05	-44 lbs	-44 lbs	24-27	0.05	174 lbs	-72 lbs
3-9	0.17	-219 lbs	-219 lbs	2-27	0.02	-38 lbs	-38 lbs
9-11	0.14	-155 lbs	-155 lbs				
11-13	0.19	-165 lbs	-165 lbs				
4-13	0.18	-165 lbs	-165 lbs				

Web			
1-3	0.10	-286 lbs	-286 lbs
8-9	0.01	-38 lbs	-38 lbs
10-11	0.11	-206 lbs	-206 lbs
12-13	0.40	-402 lbs	-402 lbs
14-15	0.66	-390 lbs	-390 lbs
16-17	0.50	-300 lbs	-300 lbs
18-19	0.64	-377 lbs	-377 lbs
20-21	0.33	-338 lbs	-338 lbs
22-23	0.01	-27 lbs	-27 lbs
24-25	0.15	-415 lbs	-415 lbs
2-7	0.03	-75 lbs	-75 lbs
26-27	0.08	-223 lbs	-223 lbs
28-31	0.06	-38 lbs	-38 lbs
29-30	0.08	-47 lbs	-47 lbs
3-8	0.02	178 lbs	-22 lbs
9-10	0.13	-288 lbs	-288 lbs
11-12	0.04	82 lbs	-52 lbs
15-16	0.17	139 lbs	-89 lbs

Web			
16-19	0.12	126 lbs	-66 lbs
20-23	0.17	-232 lbs	-232 lbs
22-25	0.01	85 lbs	-10 lbs
7-27	0.01	60 lbs	-31 lbs
24-26	0.01	109 lbs	-35 lbs
14-29	0.42	-229 lbs	-229 lbs
18-28	0.43	-234 lbs	-234 lbs
21-31	0.05	77 lbs	-40 lbs
13-30	0.03	94 lbs	-24 lbs

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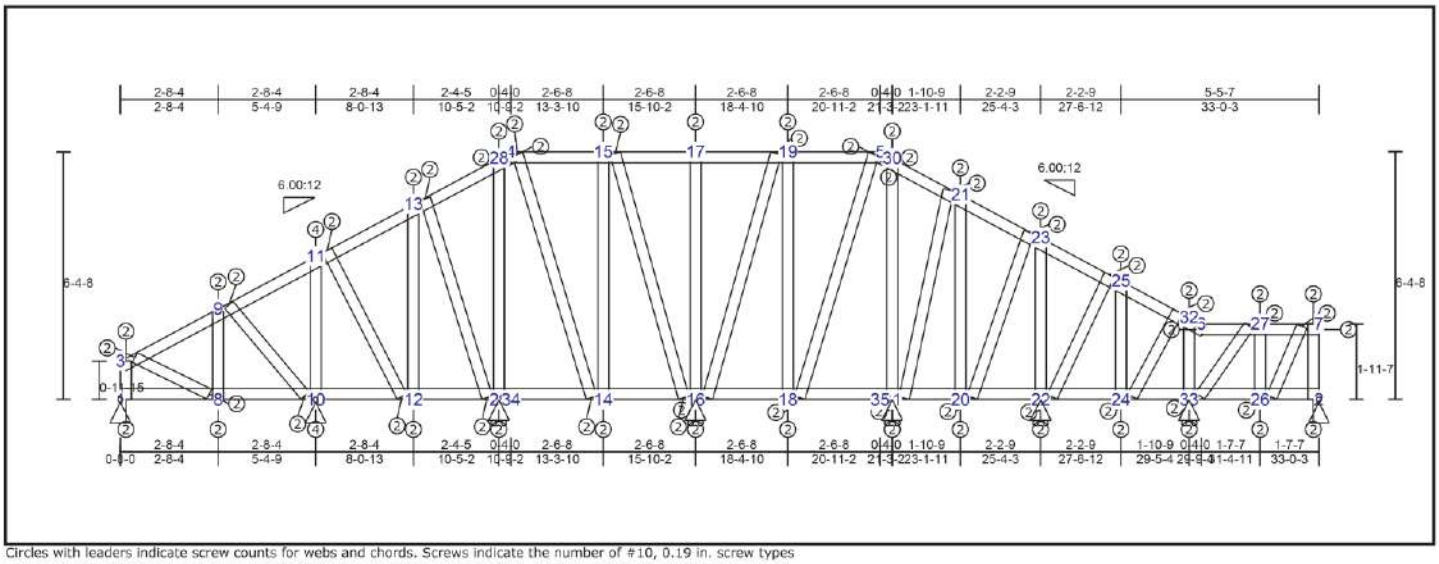
TAYNR.com

TRUSS TB107 (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 :	0.17 (9 - 11)	TL(V): 0 in.	L / 999	4	L / 360
BC :	0.28 (14 - 16)	LL(V): 0 in.	L / 999	4	L / 360
Web :	0.64 (16 - 19)	DL(V): 0 in.	L / 999	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.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	4	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		60 lbs	870 lbs	0 lbs	-10 lbs	60 lbs
2	Pin		-180 lbs	870 lbs	0 lbs	-20 lbs	-180 lbs
10	Pin		0 lbs	870 lbs	0 lbs	-40 lbs	0 lbs
16	HRoll		0 lbs	870 lbs	0 lbs	-40 lbs	0 lbs
22	HRoll		0 lbs	870 lbs	0 lbs	-40 lbs	0 lbs
29	HRoll		0 lbs	870 lbs	0 lbs	-40 lbs	0 lbs
31	HRoll		0 lbs	870 lbs	0 lbs	-40 lbs	0 lbs
33	HRoll		0 lbs	870 lbs	0 lbs	-40 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
6-4-8	33-0-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-15	0.10	98 lbs	-67 lbs	1-8	0.05	-89 lbs	-89 lbs
15-17	0.14	127 lbs	-67 lbs	8-10	0.19	186 lbs	-155 lbs
17-19	0.15	127 lbs	-69 lbs	10-12	0.19	186 lbs	-155 lbs
5-19	0.10	95 lbs	-69 lbs	12-29	0.18	63 lbs	-53 lbs
5-30	0.10	113 lbs	-107 lbs	14-29	0.18	63 lbs	-53 lbs
21-30	0.12	113 lbs	-107 lbs	14-16	0.28	-129 lbs	-129 lbs
21-23	0.11	67 lbs	-61 lbs	16-18	0.28	-129 lbs	-129 lbs
23-25	0.12	-90 lbs	-90 lbs	18-31	0.15	57 lbs	-48 lbs
25-32	0.08	-113 lbs	-113 lbs	20-31	0.15	55 lbs	-48 lbs
6-32	0.09	-113 lbs	-113 lbs	20-22	0.14	19 lbs	-14 lbs
3-9	0.17	-181 lbs	-181 lbs	22-24	0.14	-69 lbs	-69 lbs
9-11	0.17	-112 lbs	-112 lbs	24-33	0.11	-94 lbs	-94 lbs
11-13	0.15	-84 lbs	-84 lbs	26-33	0.11	-181 lbs	-181 lbs
13-28	0.12	111 lbs	-104 lbs	2-26	0.10	-182 lbs	-182 lbs
4-28	0.11	111 lbs	-104 lbs				
6-27	0.07	-96 lbs	-96 lbs				
7-27	0.12	-63 lbs	-63 lbs				

Web			
1-3	0.09	-257 lbs	-257 lbs
8-9	0.01	-37 lbs	-37 lbs
10-11	0.21	-362 lbs	-362 lbs
12-13	0.05	-50 lbs	-50 lbs
14-15	0.05	47 lbs	-28 lbs
16-17	0.36	-200 lbs	-200 lbs
18-19	0.04	47 lbs	-22 lbs
20-21	0.04	-37 lbs	-37 lbs
22-23	0.20	-283 lbs	-283 lbs
24-25	0.02	-56 lbs	-56 lbs
26-27	0.05	-130 lbs	-130 lbs
2-7	0.07	-181 lbs	-181 lbs
28-29	0.48	-286 lbs	-286 lbs
30-31	0.44	-266 lbs	-266 lbs
32-33	0.09	-250 lbs	-250 lbs
3-8	0.02	180 lbs	-31 lbs
9-10	0.14	-294 lbs	-294 lbs
11-12	0.01	64 lbs	-9 lbs
15-16	0.61	-299 lbs	-299 lbs

Web			
16-19	0.64	-313 lbs	-313 lbs
20-23	0.01	40 lbs	-14 lbs
22-25	0.09	172 lbs	-168 lbs
7-26	0.02	150 lbs	-22 lbs
21-31	0.21	171 lbs	-168 lbs
4-14	0.02	19 lbs	-10 lbs
13-29	0.26	-218 lbs	-218 lbs
5-18	0.02	18 lbs	-10 lbs
24-32	0.01	81 lbs	-26 lbs
27-33	0.04	144 lbs	-122 lbs

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Sacramento, CA 95811
Contact: James Roberts
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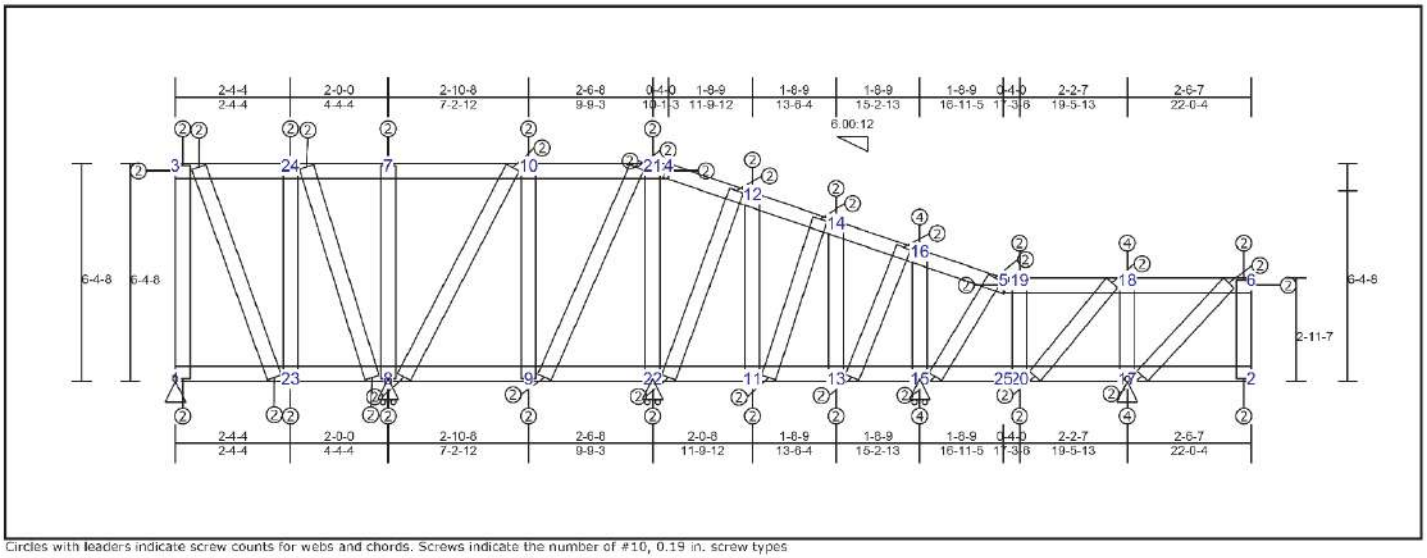
James@TAYNR.com
TAYNR.com

TRUSS TB108 (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 (16 - 5)	TL(V): 0 in.	L / 999	(4-12)	L / 360
BC :	0.25 (23 - 8)	LL(V): 0 in.	L / 999	(4-12)	L / 360
Web :	0.56 (8 - 10)	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.		10	
		Web :			
		Snow/Wind 0 in.	L / 999	(4-12)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-150 lbs	810 lbs	0 lbs	-60 lbs	-150 lbs
8	HRoll		-150 lbs	810 lbs	0 lbs	-110 lbs	-150 lbs
15	HRoll		-150 lbs	810 lbs	0 lbs	-110 lbs	-150 lbs
17	Pin		-150 lbs	810 lbs	0 lbs	-110 lbs	-150 lbs
22	HRoll		-150 lbs	810 lbs	0 lbs	-110 lbs	-150 lbs

Materials

Type	Material	Bracing
Top Chd	3625162-33(33)	Sheathing
Bot Chd	3625162-33(33)	Purlin (96 in.)
Web	3625162-33(33)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-4-8	22-0-4

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-12	0.13	55 lbs	-45 lbs	1-23	0.05	79 lbs	-52 lbs
12-14	0.10	-96 lbs	-96 lbs	8-23	0.25	102 lbs	-95 lbs
14-16	0.17	-120 lbs	-120 lbs	8-9	0.25	102 lbs	-95 lbs
5-16	0.20	-120 lbs	-120 lbs	9-22	0.21	41 lbs	-22 lbs
5-19	0.07	-84 lbs	-84 lbs	11-22	0.21	52 lbs	-29 lbs
18-19	0.20	-84 lbs	-84 lbs	11-13	0.13	60 lbs	-48 lbs
6-18	0.20	83 lbs	-52 lbs	13-15	0.13	60 lbs	-48 lbs
3-24	0.09	8 lbs	-2 lbs	15-20	0.11	-73 lbs	-73 lbs
7-24	0.14	64 lbs	-24 lbs	17-20	0.11	-140 lbs	-140 lbs
7-10	0.13	64 lbs	-35 lbs	2-17	0.11	-140 lbs	-140 lbs
10-21	0.12	55 lbs	-35 lbs				
4-21	0.12	55 lbs	-32 lbs				

Web			
9-10	0.15	-85 lbs	-85 lbs
11-12	0.12	105 lbs	-102 lbs
13-14	0.17	-193 lbs	-193 lbs
15-16	0.27	-429 lbs	-429 lbs
17-18	0.16	-398 lbs	-398 lbs
2-6	0.00	15 lbs	-4 lbs
19-20	0.07	-169 lbs	-169 lbs
21-22	0.48	-257 lbs	-257 lbs
1-3	0.17	-99 lbs	-99 lbs
7-8	0.38	-212 lbs	-212 lbs
23-24	0.04	60 lbs	-24 lbs
11-14	0.06	88 lbs	-59 lbs
12-22	0.41	-286 lbs	-286 lbs
8-10	0.56	-268 lbs	-268 lbs
8-24	0.53	-278 lbs	-278 lbs
3-23	0.07	-35 lbs	-35 lbs
9-21	0.03	76 lbs	-16 lbs
5-15	0.03	93 lbs	-64 lbs
13-16	0.03	173 lbs	-40 lbs
6-17	0.08	-154 lbs	-154 lbs
18-20	0.02	181 lbs	-37 lbs

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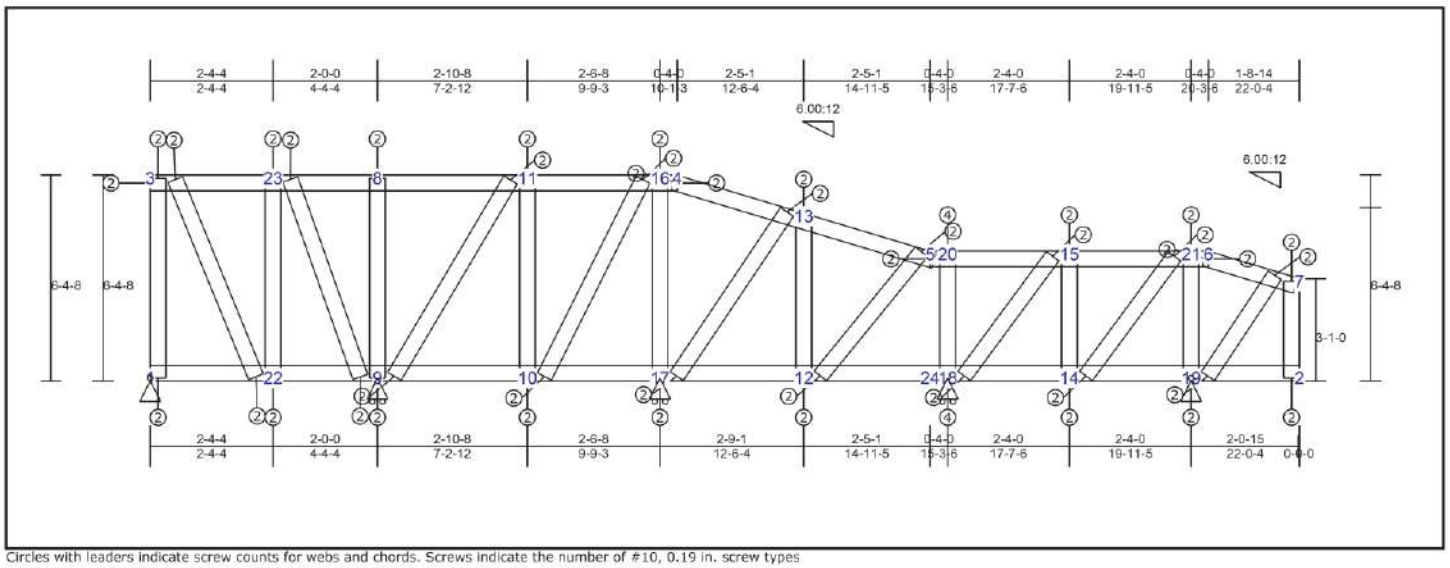
TRUSS TB109 (spacing 24 in)



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 :	0.21 (5 - 20)	TL(V): 0 in.	L / 999	(6-7)	L / 360
BC :	0.25 (22 - 9)	LL(V): 0 in.	L / 999	(6-7)	L / 360
Web :	0.59 (17 - 18)	DL(V): 0 in.	L / 999	(6-7)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(6-7)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-140 lbs	800 lbs	0 lbs	-50 lbs	-140 lbs
9	HRoll		-140 lbs	800 lbs	0 lbs	-110 lbs	-140 lbs
17	HRoll		-140 lbs	800 lbs	0 lbs	-110 lbs	-140 lbs
18	HRoll		-140 lbs	800 lbs	0 lbs	-110 lbs	-140 lbs
19	Pin		-140 lbs	800 lbs	0 lbs	-110 lbs	-140 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
6-4-8	22-0-4

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-7	0.06	70 lbs	-4 lbs	1-22	0.05	84 lbs	-52 lbs	10-11	0.18	-104 lbs	-104 lbs
5-20	0.21	-49 lbs	-49 lbs	9-22	0.25	109 lbs	-98 lbs	12-13	0.12	-111 lbs	-111 lbs
15-20	0.21	-49 lbs	-49 lbs	9-10	0.25	109 lbs	-98 lbs	2-7	0.00	13 lbs	-5 lbs
15-21	0.16	53 lbs	-21 lbs	10-17	0.19	51 lbs	-37 lbs	16-17	0.59	-325 lbs	-325 lbs
6-21	0.16	53 lbs	-14 lbs	12-17	0.19	54 lbs	-37 lbs	14-15	0.10	-148 lbs	-148 lbs
4-13	0.13	45 lbs	-33 lbs	12-18	0.13	54 lbs	-39 lbs	19-21	0.23	-344 lbs	-344 lbs
5-13	0.14	-88 lbs	-88 lbs	14-18	0.13	-103 lbs	-103 lbs	18-20	0.27	-412 lbs	-412 lbs
3-23	0.10	10 lbs	0 lbs	14-19	0.11	-127 lbs	-127 lbs	8-9	0.38	-214 lbs	-214 lbs
8-23	0.14	71 lbs	-28 lbs	2-19	0.11	-127 lbs	-127 lbs	22-23	0.03	58 lbs	-17 lbs
8-11	0.12	71 lbs	-28 lbs					1-3	0.16	-89 lbs	-89 lbs
11-16	0.13	51 lbs	-24 lbs					13-17	0.31	-228 lbs	-228 lbs
4-16	0.13	51 lbs	-24 lbs					10-16	0.02	84 lbs	-9 lbs
								9-11	0.51	-243 lbs	-243 lbs
								9-23	0.56	-293 lbs	-293 lbs
								3-22	0.08	-42 lbs	-42 lbs
								5-12	0.01	118 lbs	-1 lbs
								14-21	0.02	144 lbs	-4 lbs
								7-19	0.08	-145 lbs	-145 lbs
								15-18	0.11	170 lbs	-145 lbs

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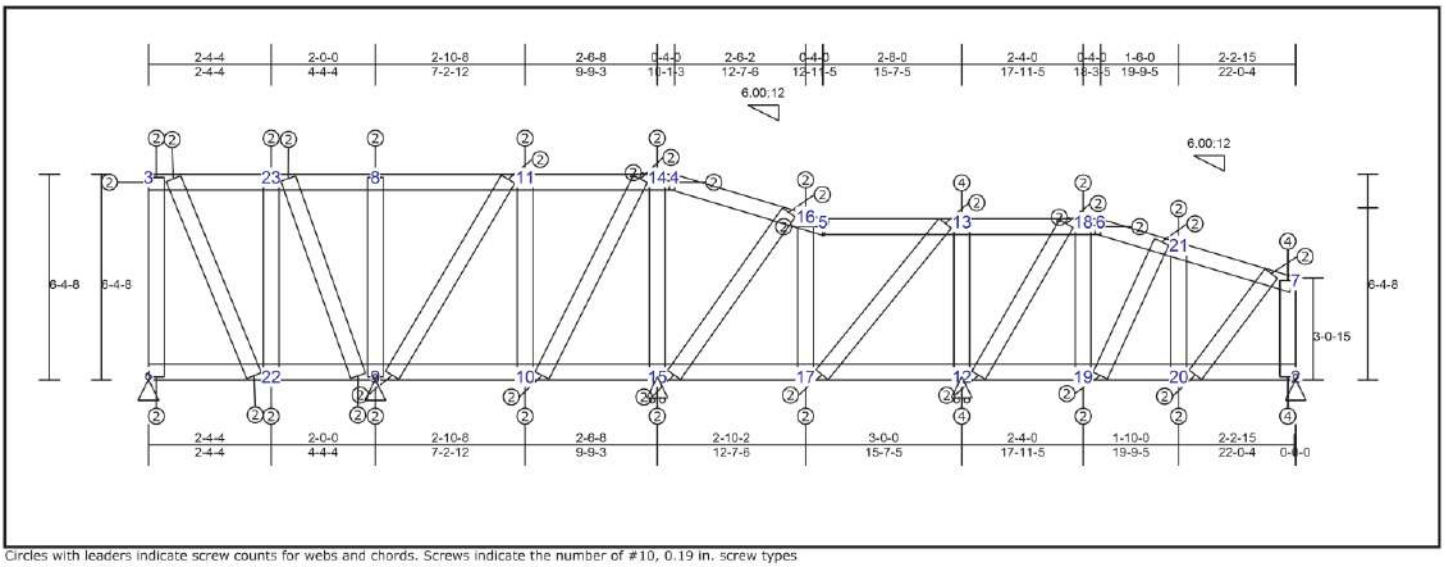
TRUSS TB110 (spacing 24 in)



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 :	0.23 (21 - 7)	TL(V): 0 in.	L / 999	(6-21)	L / 360
BC :	0.25 (22 - 9)	LL(V): 0 in.	L / 999	(6-21)	L / 360
Web :	0.57 (15 - 14)	DL(V): 0 in.	L / 999	(6-21)	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 in.	L / 999	(6-21)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		100 lbs	800 lbs	0 lbs	-50 lbs	100 lbs
2	Pin		-110 lbs	800 lbs	0 lbs	-70 lbs	-110 lbs
9	Pin		100 lbs	800 lbs	0 lbs	-220 lbs	100 lbs
12	HRoll		100 lbs	800 lbs	0 lbs	-220 lbs	100 lbs
14	NA		0 lbs	640 lbs	0 lbs	-220 lbs	0 lbs
15	HRoll		100 lbs	800 lbs	0 lbs	-220 lbs	100 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
6-4-8	22-0-4

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
6-21	0.07	-165 lbs	-165 lbs	1-22	0.04	10 lbs	-3 lbs	10-11	0.18	-101 lbs	-101 lbs
7-21	0.23	-162 lbs	-162 lbs	9-22	0.25	157 lbs	-146 lbs	12-13	0.41	-401 lbs	-401 lbs
5-13	0.23	-66 lbs	-66 lbs	9-10	0.25	157 lbs	-146 lbs	2-7	0.16	-361 lbs	-361 lbs
13-18	0.23	-122 lbs	-122 lbs	10-15	0.21	95 lbs	-82 lbs	14-15	0.57	-311 lbs	-311 lbs
6-18	0.11	-122 lbs	-122 lbs	15-17	0.21	90 lbs	-82 lbs	16-17	0.12	-115 lbs	-115 lbs
4-16	0.15	-44 lbs	-44 lbs	12-17	0.22	30 lbs	-24 lbs	18-19	0.16	174 lbs	-157 lbs
5-16	0.13	-43 lbs	-43 lbs	12-19	0.22	83 lbs	-81 lbs	20-21	0.17	-228 lbs	-228 lbs
3-23	0.09	9 lbs	0 lbs	19-20	0.16	-118 lbs	-118 lbs	1-3	0.16	-91 lbs	-91 lbs
8-23	0.14	69 lbs	-28 lbs	2-20	0.16	-118 lbs	-118 lbs	8-9	0.38	-214 lbs	-214 lbs
8-11	0.12	69 lbs	-28 lbs					22-23	0.03	53 lbs	-16 lbs
11-14	0.13	47 lbs	-25 lbs					9-11	0.51	-246 lbs	-246 lbs
4-14	0.13	47 lbs	-24 lbs					10-14	0.02	77 lbs	-10 lbs
								15-16	0.35	-258 lbs	-258 lbs
								13-17	0.01	120 lbs	-4 lbs
								12-18	0.37	-325 lbs	-325 lbs
								19-21	0.10	138 lbs	-116 lbs
								7-20	0.03	258 lbs	-55 lbs
								3-22	0.07	-38 lbs	-38 lbs
								9-23	0.56	-289 lbs	-289 lbs

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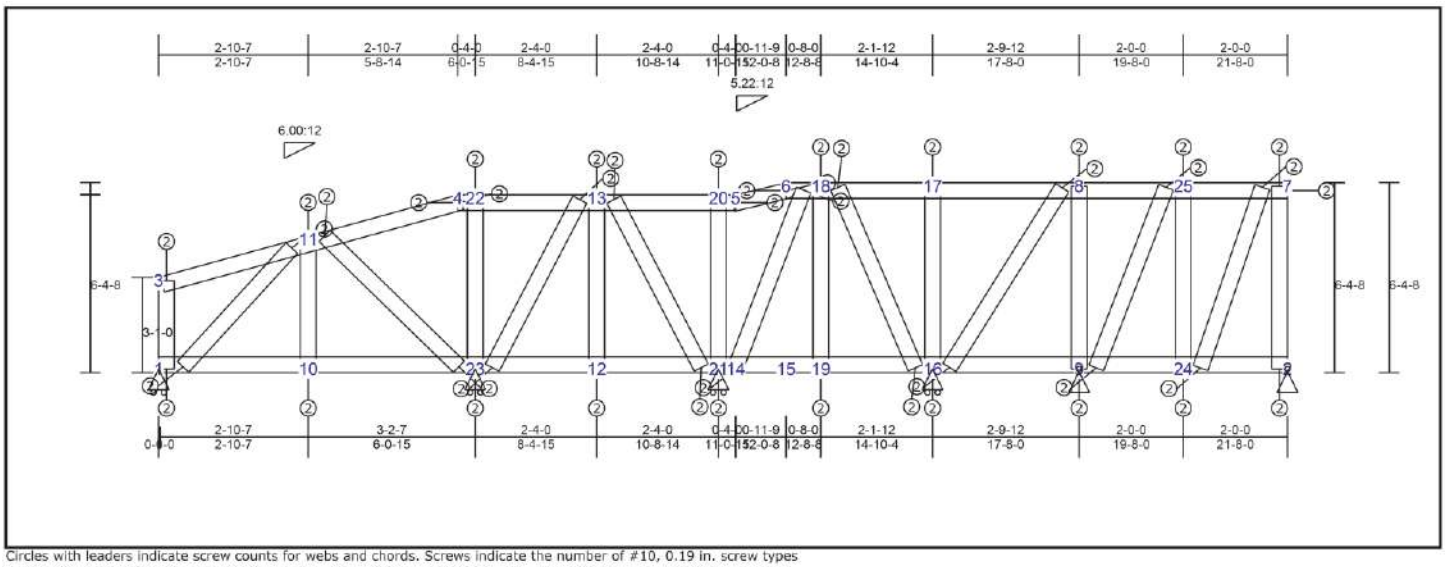
TRUSS TB111 (spacing 24 in)



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 :	0.17 (11 - 4)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.23 (10 - 23)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.43 (16 - 17)	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.		25	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	740 lbs	0 lbs	-30 lbs	0 lbs
2	Pin		10 lbs	740 lbs	0 lbs	-90 lbs	10 lbs
9	Pin		210 lbs	740 lbs	0 lbs	-140 lbs	210 lbs
16	HRoll		210 lbs	740 lbs	0 lbs	-140 lbs	210 lbs
20	NA		0 lbs	530 lbs	0 lbs	-190 lbs	0 lbs
21	HRoll		210 lbs	740 lbs	0 lbs	-140 lbs	210 lbs
22	NA		0 lbs	740 lbs	0 lbs	-250 lbs	0 lbs
23	HRoll		210 lbs	740 lbs	0 lbs	-140 lbs	210 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
6-4-8	21-8-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.11	-94 lbs	-94 lbs	1-10	0.11	78 lbs	-5 lbs	1-3	0.07	-152 lbs	-152 lbs
4-11	0.17	104 lbs	-47 lbs	10-23	0.23	149 lbs	-122 lbs	10-11	0.01	73 lbs	-12 lbs
4-22	0.12	74 lbs	-29 lbs	12-23	0.23	149 lbs	-122 lbs	12-13	0.01	29 lbs	-9 lbs
13-22	0.12	74 lbs	-33 lbs	12-21	0.15	185 lbs	-144 lbs	16-17	0.43	-240 lbs	-240 lbs
13-20	0.09	61 lbs	-33 lbs	19-21	0.15	185 lbs	-144 lbs	20-21	0.26	-175 lbs	-175 lbs
5-20	0.07	57 lbs	-8 lbs	16-19	0.12	211 lbs	-159 lbs	18-19	0.01	23 lbs	-3 lbs
5-6	0.03	88 lbs	-17 lbs	9-16	0.12	212 lbs	-159 lbs	22-23	0.42	-277 lbs	-277 lbs
6-18	0.08	72 lbs	-28 lbs	9-24	0.12	212 lbs	-144 lbs	2-7	0.31	-172 lbs	-172 lbs
17-18	0.11	58 lbs	-28 lbs	2-24	0.07	11 lbs	-9 lbs	8-9	0.33	-187 lbs	-187 lbs
8-17	0.11	58 lbs	-8 lbs					24-25	0.15	110 lbs	-85 lbs
8-25	0.10	25 lbs	-18 lbs					18-21	0.27	-143 lbs	-143 lbs
7-25	0.11	18 lbs	-18 lbs					13-21	0.29	-179 lbs	-179 lbs
								13-23	0.21	-128 lbs	-128 lbs
								11-23	0.40	-343 lbs	-343 lbs
								1-11	0.16	-173 lbs	-173 lbs
								16-18	0.31	-161 lbs	-161 lbs
								8-16	0.20	-101 lbs	-101 lbs
								9-25	0.28	-152 lbs	-152 lbs
								7-24	0.18	-98 lbs	-98 lbs

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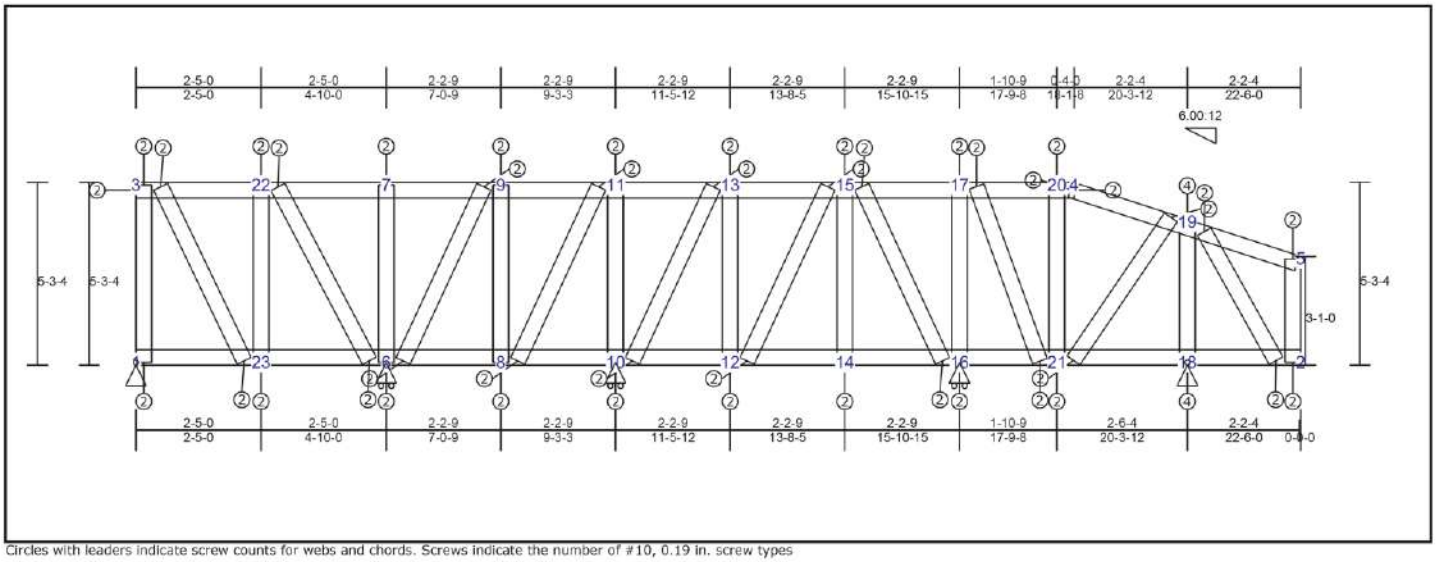
TRUSS TB112 (spacing 24 in)



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 :	0.21 (19 - 5)	TL(V): 0 in.	L / 999	(4-19)	L / 360
BC :	0.24 (8 - 10)	LL(V): 0 in.	L / 999	(4-19)	L / 360
Web :	0.42 (10 - 13)	DL(V): 0 in.	L / 999	(4-19)	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.		19	
		Web :			
		Snow/Wind 0 in.	L / 999	(4-19)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-90 lbs	750 lbs	0 lbs	-70 lbs	-90 lbs
6	HRoll		-90 lbs	750 lbs	0 lbs	-160 lbs	-90 lbs
10	HRoll		-90 lbs	750 lbs	0 lbs	-160 lbs	-90 lbs
16	HRoll		-90 lbs	750 lbs	0 lbs	-160 lbs	-90 lbs
18	Pin		-90 lbs	750 lbs	0 lbs	-160 lbs	-90 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
5-3-4	22-6-0

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 = 10.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-19	0.18	105 lbs	-93 lbs	1-23	0.04	66 lbs	-49 lbs	8-9	0.04	-35 lbs	-35 lbs
5-19	0.21	131 lbs	-93 lbs	6-23	0.23	-108 lbs	-108 lbs	10-11	0.24	-209 lbs	-209 lbs
3-22	0.10	-17 lbs	-17 lbs	6-8	0.23	-108 lbs	-108 lbs	12-13	0.08	79 lbs	-70 lbs
7-22	0.12	76 lbs	-27 lbs	8-10	0.24	46 lbs	-44 lbs	14-15	0.01	38 lbs	-9 lbs
7-9	0.09	76 lbs	-27 lbs	10-12	0.24	64 lbs	-39 lbs	16-17	0.31	-271 lbs	-271 lbs
9-11	0.10	44 lbs	-24 lbs	12-14	0.04	74 lbs	-58 lbs	18-19	0.37	-502 lbs	-502 lbs
11-13	0.16	105 lbs	-101 lbs	14-16	0.22	74 lbs	-58 lbs	2-5	0.04	-99 lbs	-99 lbs
13-15	0.11	124 lbs	-116 lbs	16-21	0.22	-43 lbs	-43 lbs	20-21	0.24	-210 lbs	-210 lbs
15-17	0.14	124 lbs	-116 lbs	18-21	0.12	-75 lbs	-75 lbs	1-3	0.18	-157 lbs	-157 lbs
17-20	0.13	105 lbs	-69 lbs	2-18	0.08	-75 lbs	-75 lbs	6-7	0.23	-201 lbs	-201 lbs
4-20	0.08	105 lbs	-69 lbs					22-23	0.05	70 lbs	-42 lbs
								6-9	0.27	-223 lbs	-223 lbs
								8-11	0.05	61 lbs	-41 lbs
								10-13	0.42	-336 lbs	-336 lbs
								12-15	0.06	67 lbs	-49 lbs
								15-16	0.36	-292 lbs	-292 lbs
								2-19	0.07	120 lbs	-95 lbs
								19-21	0.02	101 lbs	-18 lbs
								17-21	0.08	71 lbs	-68 lbs
								3-23	0.06	58 lbs	-52 lbs
								6-22	0.35	-281 lbs	-281 lbs

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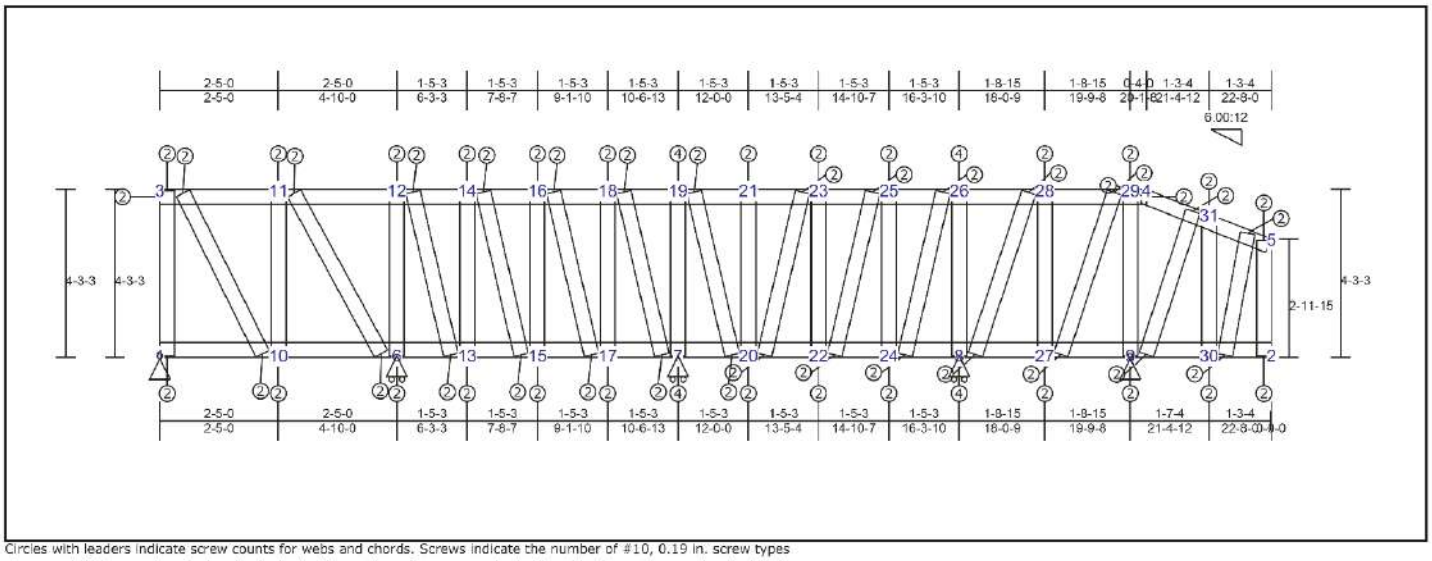
TRUSS TB113 (spacing 24 in)



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 :	0.22 (18 - 19)	TL(V): 0 in.	L / 999	(4-31)	L / 360
BC :	0.25 (17 - 7)	LL(V): 0 in.	L / 999	(4-31)	L / 360
Web :	0.30 (8 - 26)	DL(V): 0 in.	L / 999	(4-31)	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	(4-31)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-70 lbs	750 lbs	0 lbs	-80 lbs	-70 lbs
6	HRoll		-90 lbs	750 lbs	0 lbs	-150 lbs	-90 lbs
7	HRoll		-90 lbs	750 lbs	0 lbs	-150 lbs	-90 lbs
8	HRoll		-90 lbs	750 lbs	0 lbs	-150 lbs	-90 lbs
9	Pin		-90 lbs	750 lbs	0 lbs	-150 lbs	-90 lbs

Materials

Type	Material	Bracing
Top Chd	3625162-33(33)	Sheathing
Bot Chd	3625162-33(33)	Purlin (96 in.)
Web	3625162-33(33)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
4-3-3	22-8-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-31	0.15	119 lbs	-33 lbs	1-10	0.05	81 lbs	-29 lbs
5-31	0.12	119 lbs	-33 lbs	6-10	0.22	81 lbs	-29 lbs
3-11	0.11	-24 lbs	-24 lbs	6-13	0.22	22 lbs	-21 lbs
11-12	0.17	78 lbs	-31 lbs	13-15	0.15	22 lbs	-6 lbs
12-14	0.17	78 lbs	-31 lbs	15-17	0.13	22 lbs	-11 lbs
14-16	0.11	52 lbs	-14 lbs	7-17	0.25	-65 lbs	-65 lbs
16-18	0.15	70 lbs	-20 lbs	7-20	0.25	-65 lbs	-65 lbs
18-19	0.22	123 lbs	-49 lbs	20-22	0.17	-30 lbs	-30 lbs
19-21	0.22	123 lbs	-49 lbs	22-24	0.18	-20 lbs	-20 lbs
21-23	0.07	89 lbs	-25 lbs	8-24	0.18	-58 lbs	-58 lbs
23-25	0.13	78 lbs	-10 lbs	8-27	0.15	-58 lbs	-58 lbs
25-26	0.21	117 lbs	-28 lbs	9-27	0.21	-109 lbs	-109 lbs
26-28	0.21	117 lbs	-28 lbs	9-30	0.21	-109 lbs	-109 lbs
28-29	0.05	92 lbs	-10 lbs	2-30	0.12	-30 lbs	-30 lbs
4-29	0.05	92 lbs	-10 lbs				

Web			
1-3	0.12	-164 lbs	-164 lbs
10-11	0.03	80 lbs	-42 lbs
6-12	0.26	-345 lbs	-345 lbs
13-14	0.18	-237 lbs	-237 lbs
15-16	0.01	37 lbs	-16 lbs
17-18	0.06	183 lbs	-81 lbs
7-19	0.28	-368 lbs	-368 lbs
20-21	0.08	-107 lbs	-107 lbs
22-23	0.01	18 lbs	-18 lbs
24-25	0.22	-289 lbs	-289 lbs
8-26	0.30	-394 lbs	-394 lbs
27-28	0.03	-41 lbs	-41 lbs
9-29	0.10	-139 lbs	-139 lbs
30-31	0.08	225 lbs	-160 lbs
2-5	0.01	49 lbs	-30 lbs
3-10	0.05	65 lbs	-55 lbs
6-11	0.23	-256 lbs	-256 lbs
12-13	0.08	145 lbs	-97 lbs
14-15	0.05	84 lbs	-60 lbs
16-17	0.14	-182 lbs	-182 lbs
7-18	0.23	-298 lbs	-298 lbs
19-20	0.10	192 lbs	-131 lbs

Web			
20-23	0.14	-183 lbs	-183 lbs
22-25	0.04	126 lbs	-50 lbs
24-26	0.08	215 lbs	-98 lbs
8-28	0.09	-108 lbs	-108 lbs
27-29	0.04	67 lbs	-48 lbs
5-30	0.10	-209 lbs	-209 lbs
9-31	0.21	-317 lbs	-317 lbs

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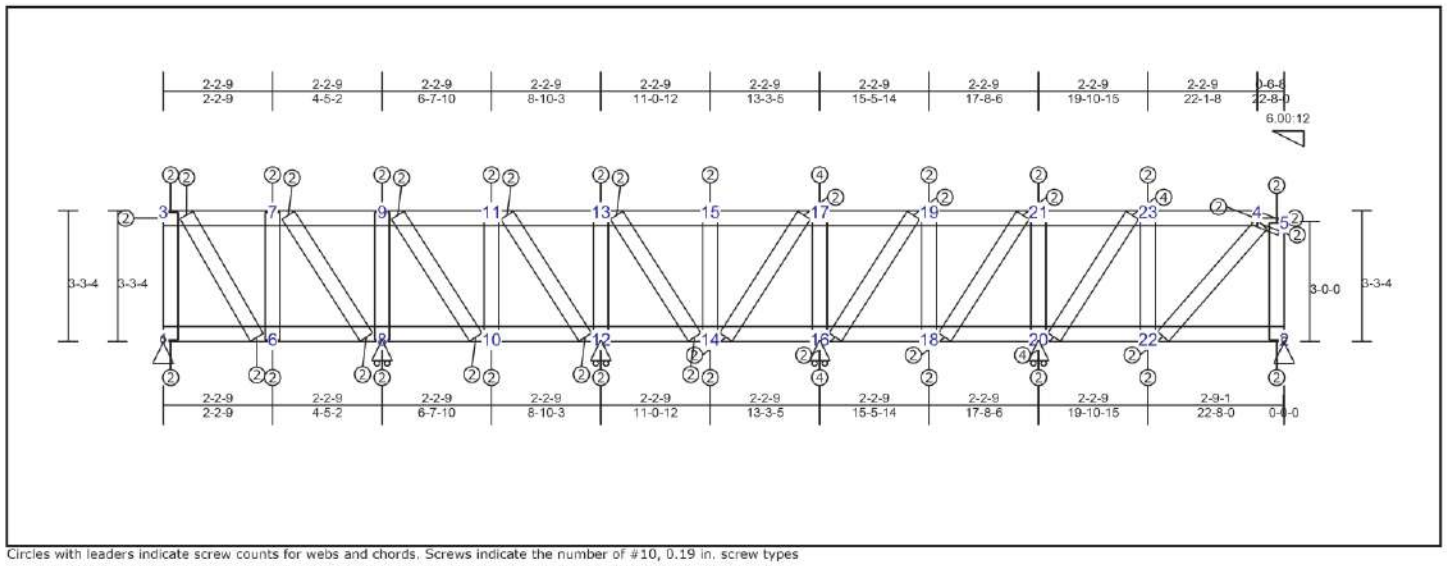
TRUSS TB114 (spacing 24 in)



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 (21 - 23)	TL(V): 0.04 in.	L / 999	(23-4)	L / 360
BC :	0.43 (18 - 20)	LL(V): 0.02 in.	L / 999	(23-4)	L / 360
Web :	0.36 (20 - 23)	DL(V): 0.02 in.	L / 492	(4-5)	L / 0
		Cant / OH TL: -0.01 in.	2L / 383	5	2L / 360
		Cant / OH LL: -0.01 in.	2L / 383	5	2L / 360
		Horiz TL: 0.02 in.		5	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(23-4)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 394	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		80 lbs	990 lbs	0 lbs	-50 lbs	80 lbs
2	Pin		-100 lbs	990 lbs	0 lbs	0 lbs	-100 lbs
8	HRoll		0 lbs	990 lbs	0 lbs	-190 lbs	0 lbs
12	HRoll		0 lbs	990 lbs	0 lbs	-190 lbs	0 lbs
16	HRoll		0 lbs	990 lbs	0 lbs	-190 lbs	0 lbs
20	HRoll		0 lbs	990 lbs	0 lbs	-190 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
3-3-4	22-8-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-5	0.12	99 lbs	-45 lbs	1-6	0.06	193 lbs	-111 lbs	1-3	0.06	-129 lbs	-129 lbs
3-7	0.09	-10 lbs	-10 lbs	6-8	0.20	193 lbs	-111 lbs	6-7	0.00	32 lbs	-6 lbs
7-9	0.12	122 lbs	-75 lbs	8-10	0.20	61 lbs	-32 lbs	8-9	0.11	-225 lbs	-225 lbs
9-11	0.11	134 lbs	-84 lbs	10-12	0.19	-66 lbs	-66 lbs	10-11	0.00	29 lbs	-7 lbs
11-13	0.11	249 lbs	-153 lbs	12-14	0.19	-66 lbs	-66 lbs	12-13	0.12	-244 lbs	-244 lbs
13-15	0.11	249 lbs	-153 lbs	14-16	0.14	-150 lbs	-150 lbs	14-15	0.11	-236 lbs	-236 lbs
15-17	0.22	333 lbs	-200 lbs	16-18	0.18	-174 lbs	-174 lbs	16-17	0.21	-438 lbs	-438 lbs
17-19	0.22	357 lbs	-210 lbs	18-20	0.43	-255 lbs	-255 lbs	18-19	0.13	-264 lbs	-264 lbs
19-21	0.20	439 lbs	-252 lbs	20-22	0.43	-255 lbs	-255 lbs	20-21	0.15	-311 lbs	-311 lbs
21-23	0.35	439 lbs	-252 lbs	2-22	0.20	190 lbs	-128 lbs	22-23	0.06	227 lbs	-117 lbs
4-23	0.24	159 lbs	-83 lbs					2-5	0.02	81 lbs	-44 lbs
								3-6	0.01	24 lbs	-9 lbs
								7-8	0.17	-291 lbs	-291 lbs
								9-10	0.02	-27 lbs	-27 lbs
								11-12	0.14	-255 lbs	-255 lbs
								13-14	0.01	20 lbs	-11 lbs
								14-17	0.07	205 lbs	-116 lbs
								16-19	0.01	53 lbs	-21 lbs
								18-21	0.05	181 lbs	-94 lbs
								20-23	0.36	-620 lbs	-620 lbs
								5-22	0.18	-291 lbs	-291 lbs

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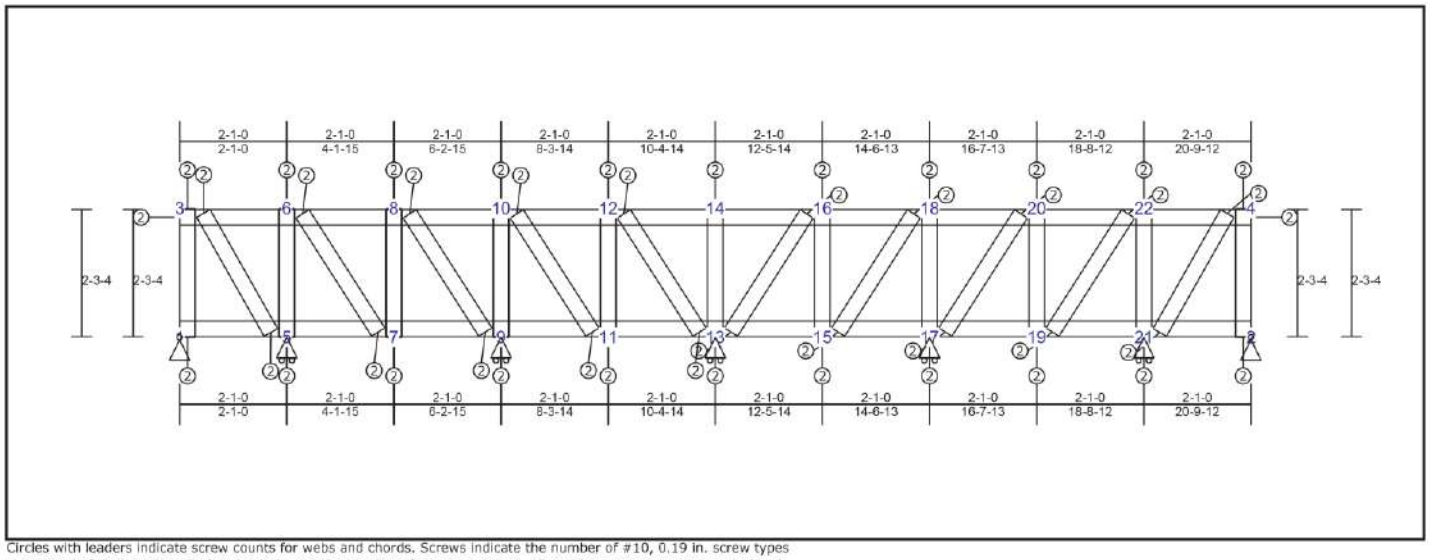
TRUSS TB115 (spacing 24 in)



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 (3 - 6)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.16 (11 - 13)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.12 (5 - 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.		8	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		10 lbs	590 lbs	0 lbs	-20 lbs	10 lbs
2	Pin		-10 lbs	590 lbs	0 lbs	-20 lbs	-10 lbs
5	HRoll		0 lbs	590 lbs	0 lbs	-150 lbs	0 lbs
9	HRoll		0 lbs	590 lbs	0 lbs	-150 lbs	0 lbs
13	HRoll		0 lbs	590 lbs	0 lbs	-150 lbs	0 lbs
17	HRoll		0 lbs	590 lbs	0 lbs	-150 lbs	0 lbs
21	HRoll		0 lbs	590 lbs	0 lbs	-150 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
2-3-4	20-9-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.16	19 lbs	-13 lbs	1-5	0.04	16 lbs	-15 lbs	1-3	0.02	-45 lbs	-45 lbs
6-8	0.16	-41 lbs	-41 lbs	5-7	0.06	57 lbs	-34 lbs	5-6	0.12	-339 lbs	-339 lbs
8-10	0.13	55 lbs	-41 lbs	7-9	0.12	57 lbs	-39 lbs	7-8	0.02	-68 lbs	-68 lbs
10-12	0.13	55 lbs	-38 lbs	9-11	0.12	-39 lbs	-39 lbs	9-10	0.10	-282 lbs	-282 lbs
12-14	0.08	138 lbs	-93 lbs	11-13	0.16	-122 lbs	-122 lbs	11-12	0.02	-58 lbs	-58 lbs
14-16	0.08	138 lbs	-93 lbs	13-15	0.16	-122 lbs	-122 lbs	13-14	0.07	-191 lbs	-191 lbs
16-18	0.13	55 lbs	-38 lbs	15-17	0.12	-39 lbs	-39 lbs	15-16	0.02	-58 lbs	-58 lbs
18-20	0.13	55 lbs	-41 lbs	17-19	0.12	57 lbs	-39 lbs	17-18	0.10	-282 lbs	-282 lbs
20-22	0.16	-41 lbs	-41 lbs	19-21	0.06	57 lbs	-34 lbs	19-20	0.02	-68 lbs	-68 lbs
4-22	0.16	19 lbs	-13 lbs	2-21	0.04	16 lbs	-15 lbs	21-22	0.12	-339 lbs	-339 lbs
								2-4	0.02	-45 lbs	-45 lbs
								3-5	0.01	-35 lbs	-35 lbs
								6-7	0.02	103 lbs	-58 lbs
								8-9	0.06	-166 lbs	-166 lbs
								10-11	0.01	52 lbs	-25 lbs
								12-13	0.07	-197 lbs	-197 lbs
								13-16	0.07	-197 lbs	-197 lbs
								15-18	0.01	52 lbs	-25 lbs
								17-20	0.06	-166 lbs	-166 lbs
								19-22	0.02	103 lbs	-58 lbs

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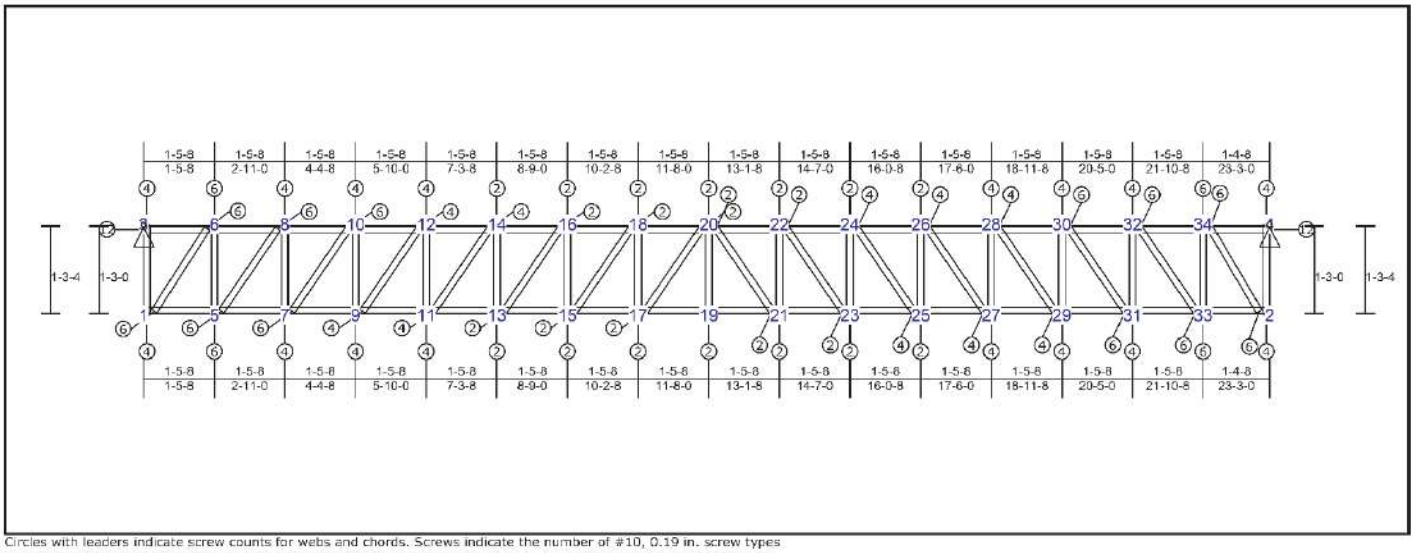
TRUSS FTB1 (spacing 16 in)



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 :	0.69 (34 - 4)	TL(V): 0.36 in.	L / 772		L / 90
BC :	0.57 (33 - 2)	LL(V): 0.22 in.	L / 999	(18-20)	L / 90
Web :	0.18 (1 - 6)	DL(V): 0.14 in.	L / 999	(18-20)	L / 0
		Cant / CH TL: 0 in.	2L / 999	0	2L / 0
		Cant / CH 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 = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 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		-4520 lbs	1450 lbs	0 lbs	0 lbs	-4520 lbs
4	Pin		4520 lbs	1450 lbs	0 lbs	0 lbs	4520 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
1-3-4	23-3-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.45	4520 lbs	0 lbs	1-5	0.55	1672 lbs	0 lbs	1-3	0.07	1472 lbs	0 lbs
6-8	0.45	2848 lbs	0 lbs	5-7	0.42	3193 lbs	0 lbs	5-6	0.09	1698 lbs	0 lbs
8-10	0.32	1327 lbs	0 lbs	7-9	0.35	4456 lbs	0 lbs	7-8	0.06	1263 lbs	0 lbs
10-12	0.29	-978 lbs	-978 lbs	9-11	0.35	5497 lbs	0 lbs	9-10	0.05	1070 lbs	0 lbs
12-14	0.23	-1783 lbs	-1783 lbs	11-13	0.35	6303 lbs	0 lbs	11-12	0.04	833 lbs	0 lbs
14-16	0.24	-2357 lbs	-2357 lbs	13-15	0.35	6877 lbs	0 lbs	13-14	0.03	603 lbs	0 lbs
16-18	0.25	-2702 lbs	-2702 lbs	15-17	0.35	7222 lbs	0 lbs	15-16	0.02	378 lbs	0 lbs
18-20	0.26	-2787 lbs	-2787 lbs	17-19	0.00	7308 lbs	0 lbs	17-18	0.01	128 lbs	0 lbs
20-22	0.28	-2787 lbs	-2787 lbs	19-21	0.00	7308 lbs	0 lbs	19-20	0.00	7 lbs	-7 lbs
22-24	0.25	-2689 lbs	-2689 lbs	21-23	0.35	7208 lbs	0 lbs	21-22	0.01	142 lbs	0 lbs
24-26	0.24	-2331 lbs	-2331 lbs	23-25	0.36	6850 lbs	0 lbs	23-24	0.02	391 lbs	0 lbs
26-28	0.24	-1743 lbs	-1743 lbs	25-27	0.36	6263 lbs	0 lbs	25-26	0.03	617 lbs	0 lbs
28-30	0.29	-924 lbs	-924 lbs	27-29	0.35	5444 lbs	0 lbs	27-28	0.04	847 lbs	0 lbs
30-32	0.32	1406 lbs	0 lbs	29-31	0.34	4380 lbs	0 lbs	29-30	0.05	1084 lbs	0 lbs
32-34	0.46	2943 lbs	0 lbs	31-33	0.42	3114 lbs	0 lbs	31-32	0.08	1275 lbs	0 lbs
4-34	0.69	4520 lbs	0 lbs	2-33	0.57	1577 lbs	0 lbs	33-34	0.09	1745 lbs	0 lbs
								2-4	0.07	1491 lbs	0 lbs
								1-6	0.18	-2433 lbs	-2433 lbs
								5-8	0.16	-2141 lbs	-2141 lbs
								7-10	0.13	-1779 lbs	-1779 lbs
								9-12	0.11	-1485 lbs	-1485 lbs
								11-14	0.09	-1134 lbs	-1134 lbs
								13-16	0.06	-808 lbs	-808 lbs
								15-18	0.04	-485 lbs	-485 lbs
								17-20	0.01	-119 lbs	-119 lbs

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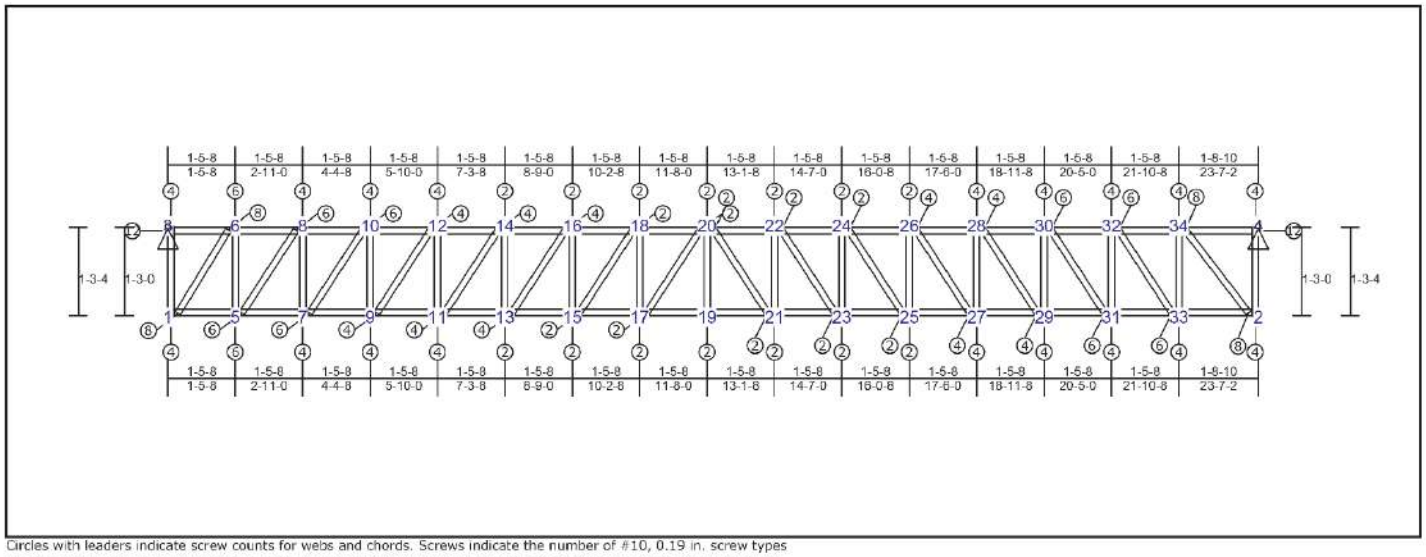
TRUSS FTB2 (spacing 16 in)



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 (3 - 6)	TL(V): 0.38 in.	L / 740		L / 90
BC :	0.56 (1 - 5)	LL(V): 0.23 in.	L / 999	20	L / 90
Web :	0.20 (34 - 2)	DL(V): 0.15 in.	L / 999	20	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 = 20.00 psf; BC Live = 0.00 psf; BC Dead = 5.00 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		-4650 lbs	1470 lbs	0 lbs	0 lbs	-4650 lbs
4	Pin		4650 lbs	1470 lbs	0 lbs	0 lbs	4650 lbs

Materials

Type	Material	Bracing
Top Chd	3625162-54(50)	Sheathing
Bot Chd	3625162-54(50)	Purlin (96 in.)
Web	3625162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
1-3-4	23-7-2

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	4646 lbs	0 lbs	1-5	0.56	1699 lbs	0 lbs	1-3	0.08	1485 lbs	0 lbs
6-8	0.48	2947 lbs	0 lbs	5-7	0.42	3247 lbs	0 lbs	5-6	0.09	1728 lbs	0 lbs
8-10	0.33	1398 lbs	0 lbs	7-9	0.35	4538 lbs	0 lbs	7-8	0.06	1290 lbs	0 lbs
10-12	0.29	-960 lbs	-960 lbs	9-11	0.36	5606 lbs	0 lbs	9-10	0.06	1097 lbs	0 lbs
12-14	0.24	-1793 lbs	-1793 lbs	11-13	0.36	6439 lbs	0 lbs	11-12	0.04	861 lbs	0 lbs
14-16	0.25	-2395 lbs	-2395 lbs	13-15	0.36	7040 lbs	0 lbs	13-14	0.03	631 lbs	0 lbs
16-18	0.26	-2767 lbs	-2767 lbs	15-17	0.36	7413 lbs	0 lbs	15-16	0.02	404 lbs	0 lbs
18-20	0.29	-2878 lbs	-2878 lbs	17-19	0.00	7524 lbs	0 lbs	17-18	0.01	157 lbs	0 lbs
20-22	0.29	-2878 lbs	-2878 lbs	19-21	0.00	7524 lbs	0 lbs	19-20	0.00	-7 lbs	-7 lbs
22-24	0.28	-2808 lbs	-2808 lbs	21-23	0.27	7454 lbs	0 lbs	21-22	0.01	112 lbs	0 lbs
24-26	0.25	-2478 lbs	-2478 lbs	23-25	0.36	7123 lbs	0 lbs	23-24	0.02	364 lbs	0 lbs
26-28	0.23	-1918 lbs	-1918 lbs	25-27	0.36	6563 lbs	0 lbs	25-26	0.03	589 lbs	0 lbs
28-30	0.28	-1126 lbs	-1126 lbs	27-29	0.36	5772 lbs	0 lbs	27-28	0.04	820 lbs	0 lbs
30-32	0.32	1151 lbs	-100 lbs	29-31	0.36	4745 lbs	0 lbs	29-30	0.05	1055 lbs	0 lbs
32-34	0.42	2852 lbs	0 lbs	31-33	0.40	3494 lbs	0 lbs	31-32	0.06	1256 lbs	0 lbs
4-34	0.43	4648 lbs	0 lbs	2-33	0.53	1994 lbs	0 lbs	33-34	0.08	1606 lbs	0 lbs
								2-4	0.07	1449 lbs	0 lbs
								1-6	0.19	-2472 lbs	-2472 lbs
								5-8	0.16	-2180 lbs	-2180 lbs
								7-10	0.14	-1817 lbs	-1817 lbs
								9-12	0.11	-1504 lbs	-1504 lbs
								11-14	0.09	-1173 lbs	-1173 lbs
								13-16	0.06	-847 lbs	-847 lbs
								15-18	0.04	-524 lbs	-524 lbs
								17-20	0.01	-156 lbs	-156 lbs

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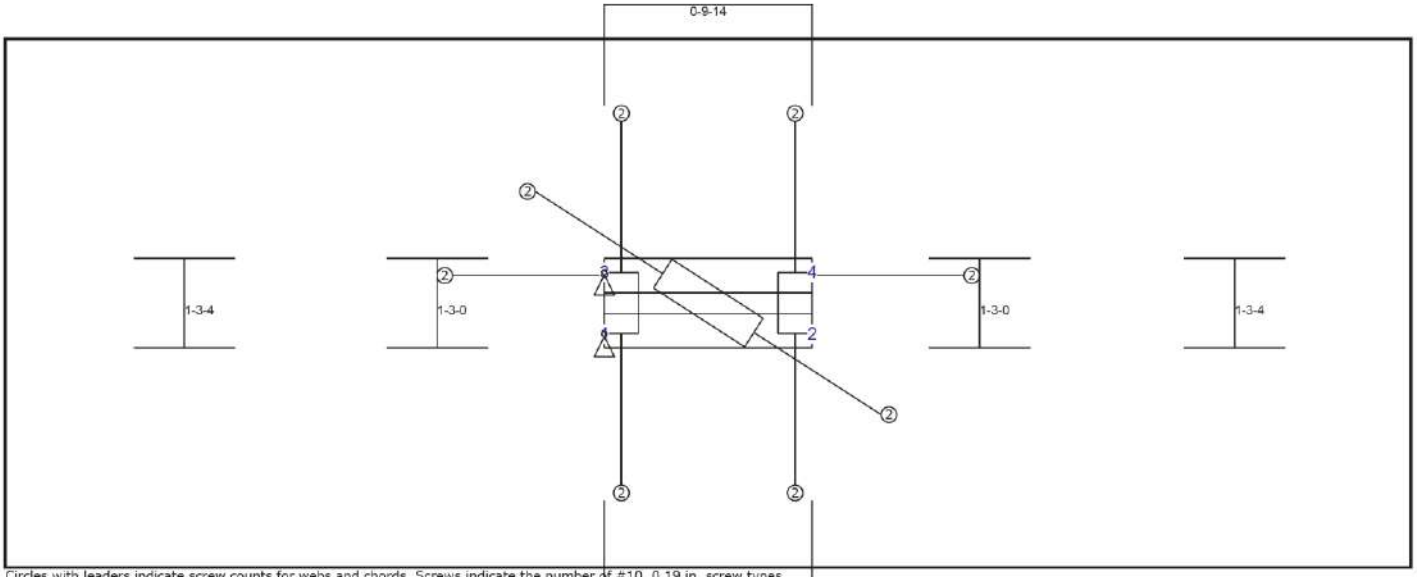
TRUSS FTB3 (spacing 16 in)



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 :	0.14 (3 - 4)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.13 (1 - 2)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.02 (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.		2	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-140 lbs	370 lbs	0 lbs	0 lbs	-140 lbs
3	Pin		-140 lbs	370 lbs	0 lbs	0 lbs	-140 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
1-3-4	0-9-14

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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
5)For Wall Truss when sheathed Ly = 12 inches is used

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB2-4	1-1-10	1-1-10	Concentrated	Dead	Down	Global	150 lbs	150 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.14	136 lbs	-14 lbs	1-2	0.13	-136 lbs	-136 lbs	1-3	0.00	0 lbs	0 lbs
								2-4	0.02	-336 lbs	-336 lbs
								2-3	0.02	476 lbs	-49 lbs

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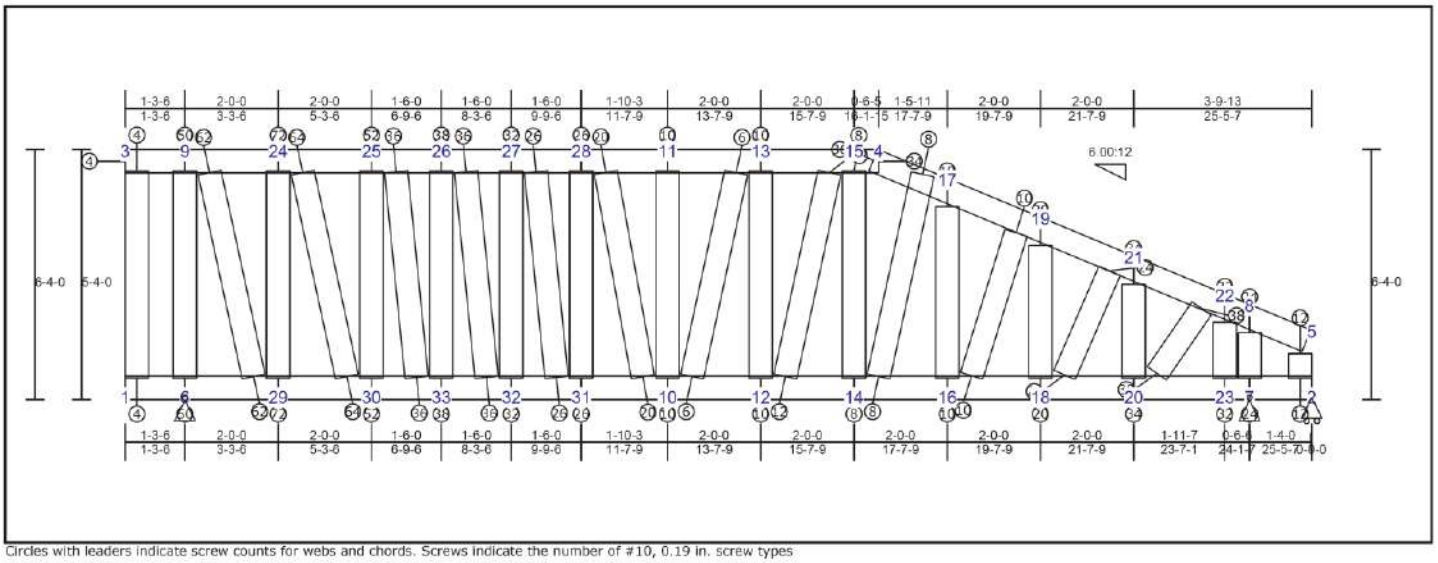
TRUSS TU1 (spacing 24 in) - complex I-section from (2) profiles



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 :	0.82 (9 - 24)	TL(V): 0.9 in.	L / 212	(28-11)	L / 360
BC :	0.85 (6 - 29)	LL(V): 0.51 in.	L / 370	(28-11)	L / 360
Web :	0.78 (32 - 27)	DL(V): 0.38 in.	L / 498	(28-11)	L / 0
		Cant / OH TL: -0.05 in.	2L / 483	(3-9)	2L / 360
		Cant / OH LL: -0.05 in.	2L / 483	(3-9)	2L / 360
		Horiz TL: -0.17 in.		4	
		Web :			
		Snow/Wind -0.5 in.	L / 384	(28-11)	L / 360
		Cant (Snow/Wind) 0.05 in.	L / 491	(3-9)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		-8000 lbs	28850 lbs	0 lbs	0 lbs	-8000 lbs
6	Pin		-8000 lbs	28850 lbs	0 lbs	-4760 lbs	-8000 lbs
7	Pin		-8000 lbs	28850 lbs	0 lbs	-4760 lbs	-8000 lbs

Materials

Type	Material	Bracing
Top Chd	(2)600S162-54(50)	Sheathing
Bot Chd	(2)600S162-54(50)	Purlin (96 in.)
Web	(2)600S162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-4-0	25-5-7

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 = 5.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 3.50 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
4-17	0.56	-14601 lbs	-14601 lbs	1-6	0.70	-9098 lbs	-9098 lbs
17-19	0.37	-14646 lbs	-14646 lbs	6-29	0.85	-9098 lbs	-9098 lbs
19-21	0.66	-14646 lbs	-14646 lbs	29-30	0.75	-4708 lbs	-4708 lbs
21-22	0.62	-13203 lbs	-13203 lbs	30-33	0.81	1377 lbs	-593 lbs
8-22	0.41	-7172 lbs	-7172 lbs	32-33	0.66	2251 lbs	-1199 lbs
5-8	0.75	2555 lbs	-1739 lbs	31-32	0.59	3067 lbs	-1608 lbs
3-9	0.22	0 lbs	0 lbs	10-31	0.60	4254 lbs	-2156 lbs
9-24	0.82	-4389 lbs	-4389 lbs	10-12	0.49	4483 lbs	-2176 lbs
24-25	0.82	-8960 lbs	-8960 lbs	12-14	0.35	4483 lbs	-2176 lbs
25-26	0.62	-10169 lbs	-10169 lbs	14-16	0.65	3697 lbs	-1736 lbs
26-27	0.78	-11349 lbs	-11349 lbs	16-18	0.65	3252 lbs	-2026 lbs
27-28	0.66	-12165 lbs	-12165 lbs	18-20	0.80	2467 lbs	-2026 lbs
11-28	0.61	-13352 lbs	-13352 lbs	20-23	0.84	-8000 lbs	-8000 lbs
11-13	0.57	-13580 lbs	-13580 lbs	7-23	0.82	-8000 lbs	-8000 lbs
13-15	0.45	-13580 lbs	-13580 lbs	2-7	0.82	-8000 lbs	-8000 lbs
4-15	0.43	-12795 lbs	-12795 lbs				

Web			
20-21	0.68	-13541 lbs	-13541 lbs
18-19	0.70	-7640 lbs	-7640 lbs
14-15	0.66	-2496 lbs	-2496 lbs
16-17	0.67	-3518 lbs	-3518 lbs
12-13	0.70	-3598 lbs	-3598 lbs
22-23	0.50	-12679 lbs	-12679 lbs
10-11	0.59	-3865 lbs	-3865 lbs
2-5	0.29	4382 lbs	-1895 lbs
1-3	0.16	884 lbs	-436 lbs
7-8	0.57	-9602 lbs	-9602 lbs
6-9	0.56	-20297 lbs	-20297 lbs
28-31	0.35	-9966 lbs	-9966 lbs
27-32	0.78	-12735 lbs	-12735 lbs
26-33	0.75	-14844 lbs	-14844 lbs
25-30	0.70	-20860 lbs	-20860 lbs
24-29	0.77	-28660 lbs	-28660 lbs
14-17	0.61	3173 lbs	-1863 lbs
12-15	0.49	4427 lbs	-2985 lbs
10-13	0.60	2417 lbs	-1493 lbs
20-22	0.69	14714 lbs	-5259 lbs
18-21	0.50	9238 lbs	-3895 lbs
16-19	0.33	3611 lbs	-1622 lbs
10-28	0.53	7950 lbs	-4568 lbs

Web			
24-30	0.60	25764 lbs	-13644 lbs
9-29	0.53	24741 lbs	-13226 lbs
27-31	0.62	9863 lbs	-4951 lbs
26-32	0.66	14267 lbs	-7322 lbs
25-33	0.71	14615 lbs	-7607 lbs

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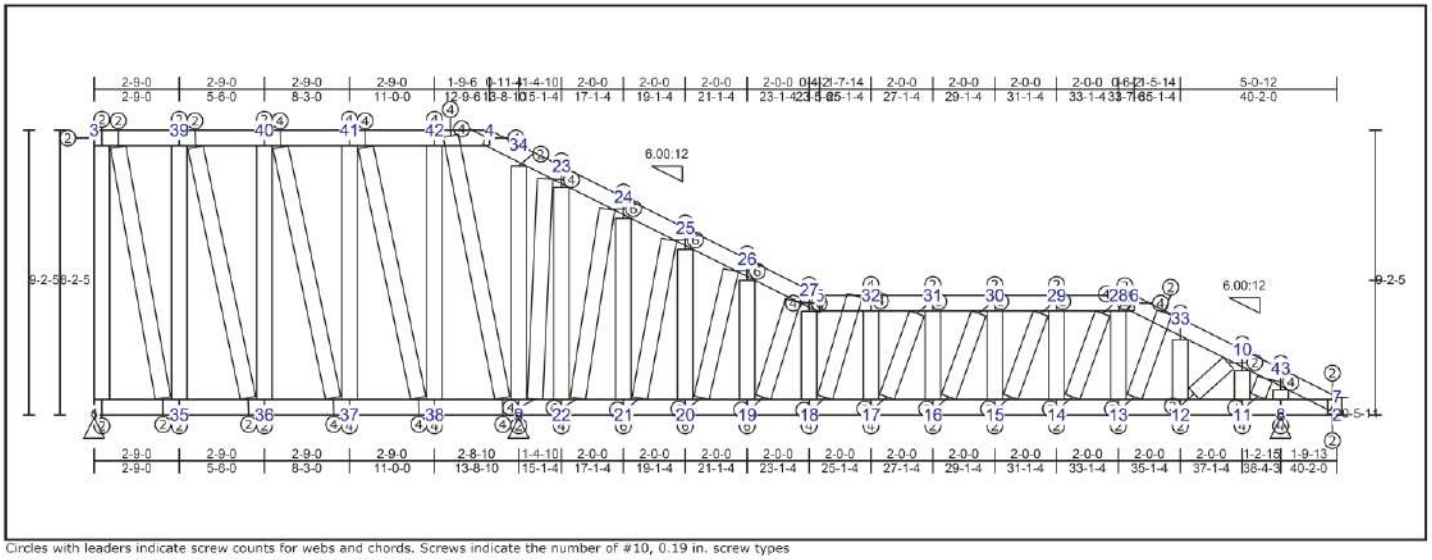
TRUSS TU2 (spacing 24 in) - complex I-section from (2) profiles



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 :	0.39 (24 - 25)	TL(V): 0.1 in.	L / 999	(5-32)	L / 360
BC :	0.58 (22 - 21)	LL(V): 0.06 in.	L / 999	(5-32)	L / 360
Web :	0.86 (41 - 38)	DL(V): 0.04 in.	L / 999	(5-32)	L / 0
		Cant / OH TL: -0.01 in.	2L / 0	(8-2)	2L / 360
		Cant / OH LL: -0.01 in.	2L / 0	(8-2)	2L / 360
		Horiz TL: 0.02 in.		4	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(5-32)	L / 360
		Cant (Snow/Wind) 0 in.	L / 71	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		970 lbs	3430 lbs	0 lbs	-160 lbs	970 lbs
8	Pin		970 lbs	3430 lbs	0 lbs	-380 lbs	970 lbs
9	Pin		970 lbs	3430 lbs	0 lbs	-380 lbs	970 lbs

Materials

Type	Material	Bracing
Top Chd	(2)600S162-54(50)	Sheathing
Bot Chd	(2)600S162-54(50)	Purlin (96 in.)
Web	(2)600S162-54(50)	Unbraced

Material Exceptions

Section	Material	Bracing
Web 2-7	362S162-54(50)	Unbraced

Truss Dimensions

Max Height	Max Width
9-2-5	40-2-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-34	0.10	912 lbs	-391 lbs	1-35	0.04	250 lbs	-106 lbs	2-7	0.00	80 lbs	-13 lbs
23-34	0.21	1395 lbs	-648 lbs	35-36	0.11	240 lbs	-99 lbs	12-33	0.06	-411 lbs	-411 lbs
23-24	0.39	1474 lbs	-717 lbs	36-37	0.21	138 lbs	-74 lbs	10-11	0.19	-1215 lbs	-1215 lbs
24-25	0.39	1474 lbs	-717 lbs	37-38	0.31	-385 lbs	-385 lbs	8-43	0.22	-1478 lbs	-1478 lbs
25-26	0.36	1010 lbs	-531 lbs	9-38	0.52	-1630 lbs	-1630 lbs	13-28	0.03	-175 lbs	-175 lbs
26-27	0.36	-588 lbs	-588 lbs	9-22	0.52	-1630 lbs	-1630 lbs	14-29	0.10	-634 lbs	-634 lbs
5-27	0.31	-799 lbs	-799 lbs	21-22	0.58	-1587 lbs	-1587 lbs	15-30	0.02	-124 lbs	-124 lbs
5-32	0.22	-1144 lbs	-1144 lbs	20-21	0.48	-1270 lbs	-1270 lbs	16-31	0.04	350 lbs	-235 lbs
31-32	0.20	-1387 lbs	-1387 lbs	19-20	0.42	-891 lbs	-891 lbs	17-32	0.09	896 lbs	-530 lbs
30-31	0.13	-1469 lbs	-1469 lbs	18-19	0.43	-430 lbs	-430 lbs	18-27	0.12	1197 lbs	-698 lbs
29-30	0.13	-1469 lbs	-1469 lbs	17-18	0.23	546 lbs	-228 lbs	19-26	0.23	2309 lbs	-1088 lbs
28-29	0.19	-1399 lbs	-1399 lbs	16-17	0.14	788 lbs	-391 lbs	20-25	0.28	1993 lbs	-891 lbs
6-28	0.13	-1189 lbs	-1189 lbs	15-16	0.14	870 lbs	-455 lbs	21-24	0.53	2157 lbs	-1080 lbs
6-33	0.14	-1325 lbs	-1325 lbs	14-15	0.14	870 lbs	-455 lbs	22-23	0.40	1067 lbs	-615 lbs
10-33	0.17	-1325 lbs	-1325 lbs	13-14	0.14	800 lbs	-431 lbs	9-34	0.27	-361 lbs	-361 lbs
10-43	0.27	-958 lbs	-958 lbs	12-13	0.10	590 lbs	-343 lbs	38-42	0.46	1097 lbs	-540 lbs
7-43	0.27	-589 lbs	-589 lbs	11-12	0.27	506 lbs	-343 lbs	37-41	0.41	1174 lbs	-495 lbs
3-39	0.05	29 lbs	-16 lbs	8-11	0.27	-600 lbs	-600 lbs	36-40	0.19	609 lbs	-240 lbs
39-40	0.15	112 lbs	-63 lbs	2-8	0.17	-600 lbs	-600 lbs	35-39	0.08	229 lbs	-107 lbs
40-41	0.27	320 lbs	-140 lbs					1-3	0.09	195 lbs	-111 lbs
41-42	0.28	635 lbs	-249 lbs					13-33	0.03	255 lbs	-161 lbs
4-42	0.26	911 lbs	-388 lbs					10-12	0.04	707 lbs	-277 lbs
								11-43	0.05	1386 lbs	-259 lbs
								14-28	0.05	622 lbs	-311 lbs

Web			
15-29	0.01	244 lbs	-71 lbs
16-30	0.04	-256 lbs	-256 lbs
17-31	0.12	-717 lbs	-717 lbs
18-32	0.20	-1226 lbs	-1226 lbs
19-27	0.38	-2146 lbs	-2146 lbs
20-26	0.51	-2049 lbs	-2049 lbs
21-25	0.85	-2087 lbs	-2087 lbs
22-24	0.59	-2073 lbs	-2073 lbs
9-23	0.71	-968 lbs	-968 lbs
9-42	0.59	-1429 lbs	-1429 lbs
38-41	0.86	-1534 lbs	-1534 lbs
37-40	0.77	-1011 lbs	-1011 lbs
36-39	0.43	-497 lbs	-497 lbs
3-35	0.14	-166 lbs	-166 lbs

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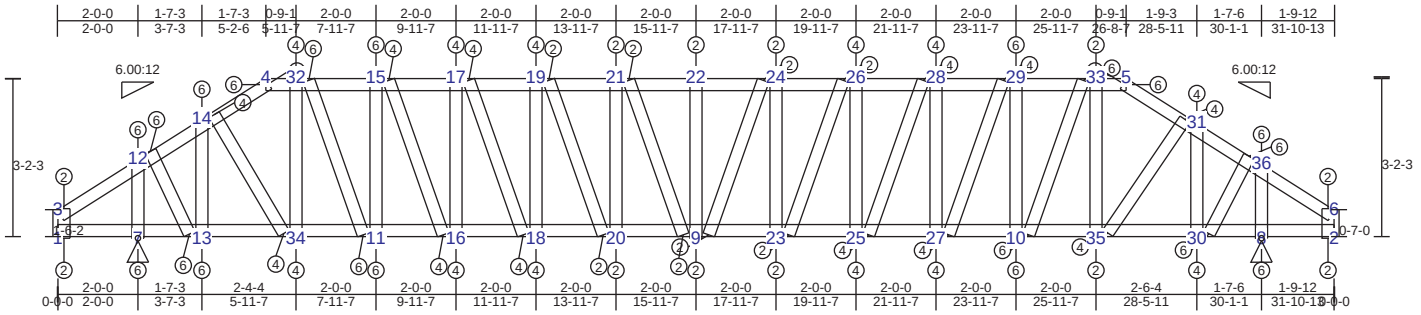
TRUSS TC01 (spacing 24 in)



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 :	0.67 (29 - 33)	TL(V): 0.16 in.	L / 999	(21-22)	L / 360
BC :	0.83 (30 - 8)	LL(V): 0.09 in.	L / 999	(21-22)	L / 360
Web :	0.59 (10 - 29)	DL(V): 0.07 in.	L / 999	(21-22)	L / 0
		Cant / OH TL: -0.02 in.	2L / 999	(1-7)	2L / 360
		Cant / OH LL: -0.02 in.	2L / 999	(1-7)	2L / 360
		Horiz TL: 0.01 in.		14	
		Web :			
		Snow/Wind -0.1 in.	L / 999	(21-22)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 999	(1-7)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	Pin		2500 lbs	1980 lbs	0 lbs	-700 lbs	2500 lbs
8	Pin		2500 lbs	1980 lbs	0 lbs	-700 lbs	2500 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
3-2-3	31-10-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web							
4-32	0.33	-1850 lbs	-1850 lbs	1-7	0.75	-2496 lbs	-2496 lbs	7-12	0.32	-2153 lbs	-2153 lbs	27-29	0.18	1521 lbs	-578 lbs
15-32	0.63	-2720 lbs	-2720 lbs	7-13	0.82	-2496 lbs	-2496 lbs	13-14	0.27	-1680 lbs	-1680 lbs	11-32	0.24	2135 lbs	-766 lbs
15-17	0.36	-3355 lbs	-3355 lbs	13-34	0.60	-1528 lbs	-1528 lbs	11-15	0.58	-2136 lbs	-2136 lbs	10-33	0.25	2127 lbs	-806 lbs
17-19	0.38	-3778 lbs	-3778 lbs	11-34	0.42	-705 lbs	-705 lbs	16-17	0.32	-1184 lbs	-1184 lbs	31-35	0.11	1231 lbs	-444 lbs
19-21	0.38	-4042 lbs	-4042 lbs	11-16	0.42	799 lbs	-303 lbs	18-19	0.23	-877 lbs	-877 lbs	14-34	0.11	1377 lbs	-455 lbs
21-22	0.36	-4127 lbs	-4127 lbs	16-18	0.22	1222 lbs	-449 lbs	20-21	0.12	-467 lbs	-467 lbs	30-36	0.10	1941 lbs	-490 lbs
22-24	0.36	-4127 lbs	-4127 lbs	18-20	0.20	1486 lbs	-537 lbs	9-22	0.06	-225 lbs	-225 lbs				
24-26	0.37	-4060 lbs	-4060 lbs	9-20	0.18	1571 lbs	-558 lbs	23-24	0.11	-423 lbs	-423 lbs				
26-28	0.38	-3814 lbs	-3814 lbs	9-23	0.18	1571 lbs	-558 lbs	25-26	0.22	-837 lbs	-837 lbs				
28-29	0.37	-3410 lbs	-3410 lbs	23-25	0.18	1504 lbs	-526 lbs	27-28	0.30	-1137 lbs	-1137 lbs				
29-33	0.67	-2790 lbs	-2790 lbs	25-27	0.21	1258 lbs	-427 lbs	10-29	0.59	-2151 lbs	-2151 lbs				
5-33	0.35	-1923 lbs	-1923 lbs	10-27	0.42	854 lbs	-276 lbs	30-31	0.25	-1604 lbs	-1604 lbs				
5-31	0.36	-2047 lbs	-2047 lbs	10-35	0.42	-632 lbs	-632 lbs	2-6	0.00	66 lbs	0 lbs				
31-36	0.41	-1759 lbs	-1759 lbs	30-35	0.56	-1435 lbs	-1435 lbs	33-35	0.21	-809 lbs	-809 lbs				
6-36	0.37	-881 lbs	-881 lbs	8-30	0.83	-2496 lbs	-2496 lbs	32-34	0.25	-955 lbs	-955 lbs				
3-12	0.37	-871 lbs	-871 lbs	2-8	0.76	-2496 lbs	-2496 lbs	8-36	0.32	-2182 lbs	-2182 lbs				
12-14	0.40	-1700 lbs	-1700 lbs					1-3	0.00	93 lbs	0 lbs				
4-14	0.38	-1930 lbs	-1930 lbs					12-13	0.09	1892 lbs	-550 lbs				
								15-16	0.17	1558 lbs	-549 lbs				
								17-18	0.11	1038 lbs	-359 lbs				
								19-20	0.07	648 lbs	-216 lbs				
								9-21	0.02	209 lbs	-60 lbs				
								9-24	0.02	165 lbs	-78 lbs				
								23-26	0.07	604 lbs	-243 lbs				
								25-28	0.12	991 lbs	-385 lbs				

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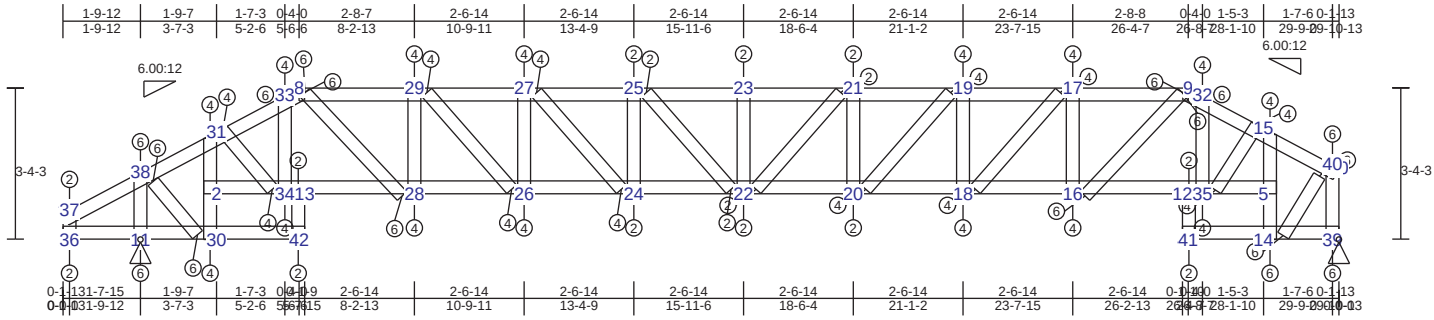
TRUSS TC02 (spacing 24 in)



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.Member 11-38 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 :	0.46 (23 - 21)	TL(V): 0.17 in.	L / 999	(25-23)	L / 360
BC :	0.74 (11 - 30)	LL(V): 0.1 in.	L / 999	(25-23)	L / 360
Web :	0.59 (5 - 15)	DL(V): 0.08 in.	L / 999	(25-23)	L / 0
		Cant / OH TL: 0.1 in.	2L / 999	(25-23)	2L / 360
		Cant / OH LL: 0.1 in.	2L / 999	(25-23)	2L / 360
		Horiz TL: 0.01 in.		8	
		Web :			
		Snow/Wind -0.11 in.	L / 999	(25-23)	L / 360
		Cant (Snow/Wind) -0.11 in.	L / 999	(25-23)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	Pin		2180 lbs	1990 lbs	0 lbs	-710 lbs	2180 lbs
39	Pin		-2200 lbs	1770 lbs	0 lbs	-500 lbs	-2200 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
3-4-3	29-10-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-29	0.36	-2996 lbs	-2996 lbs	4-14	0.03	0 lbs	0 lbs	5-14	0.35	-1571 lbs	-1571 lbs
27-29	0.43	-4021 lbs	-4021 lbs	14-39	0.74	-2204 lbs	-2204 lbs	5-15	0.59	-1571 lbs	-1571 lbs
25-27	0.45	-4577 lbs	-4577 lbs	6-39	0.65	-2204 lbs	-2204 lbs	16-17	0.23	-1449 lbs	-1449 lbs
23-25	0.46	-4740 lbs	-4740 lbs	1-36	0.01	0 lbs	0 lbs	18-19	0.15	-975 lbs	-975 lbs
21-23	0.46	-4740 lbs	-4740 lbs	11-36	0.64	-2181 lbs	-2181 lbs	20-21	0.08	-534 lbs	-534 lbs
19-21	0.45	-4542 lbs	-4542 lbs	11-30	0.74	-2181 lbs	-2181 lbs	22-23	0.04	-277 lbs	-277 lbs
17-19	0.43	-3949 lbs	-3949 lbs	3-30	0.01	0 lbs	0 lbs	24-25	0.08	-492 lbs	-492 lbs
9-17	0.35	-2888 lbs	-2888 lbs	2-34	0.41	-1225 lbs	-1225 lbs	26-27	0.15	-938 lbs	-938 lbs
9-32	0.25	-1940 lbs	-1940 lbs	13-34	0.27	-657 lbs	-657 lbs	28-29	0.22	-1409 lbs	-1409 lbs
15-32	0.28	-1940 lbs	-1940 lbs	13-28	0.30	752 lbs	-657 lbs	2-30	0.30	-1215 lbs	-1215 lbs
15-40	0.44	-1411 lbs	-1411 lbs	26-28	0.30	1776 lbs	-662 lbs	2-31	0.51	-1215 lbs	-1215 lbs
10-40	0.39	-980 lbs	-980 lbs	24-26	0.28	2333 lbs	-851 lbs	4-12	0.00	40 lbs	-12 lbs
7-37	0.01	91 lbs	-1 lbs	22-24	0.29	2496 lbs	-894 lbs	3-13	0.00	25 lbs	-2 lbs
37-38	0.38	-942 lbs	-942 lbs	20-22	0.29	2496 lbs	-894 lbs	33-34	0.14	-913 lbs	-913 lbs
31-38	0.36	-1496 lbs	-1496 lbs	18-20	0.27	2298 lbs	-807 lbs	32-35	0.16	-1055 lbs	-1055 lbs
31-33	0.27	-2062 lbs	-2062 lbs	16-18	0.31	1705 lbs	-576 lbs	36-37	0.00	79 lbs	-3 lbs
8-33	0.24	-2062 lbs	-2062 lbs	12-16	0.31	-813 lbs	-813 lbs	11-38	0.34	-2276 lbs	-2276 lbs
				12-35	0.31	-813 lbs	-813 lbs	39-40	0.33	-2206 lbs	-2206 lbs
				5-35	0.33	-1311 lbs	-1311 lbs	17-18	0.15	1558 lbs	-599 lbs
								19-20	0.09	869 lbs	-340 lbs
								21-22	0.03	291 lbs	-127 lbs
								22-25	0.02	240 lbs	-70 lbs
								24-27	0.07	817 lbs	-276 lbs
								26-29	0.13	1504 lbs	-530 lbs
								31-34	0.04	851 lbs	-268 lbs
								15-35	0.05	886 lbs	-302 lbs
								9-16	0.21	2058 lbs	-767 lbs
								8-28	0.19	1993 lbs	-703 lbs
								14-40	0.12	2415 lbs	-769 lbs
								30-38	0.10	2090 lbs	-626 lbs

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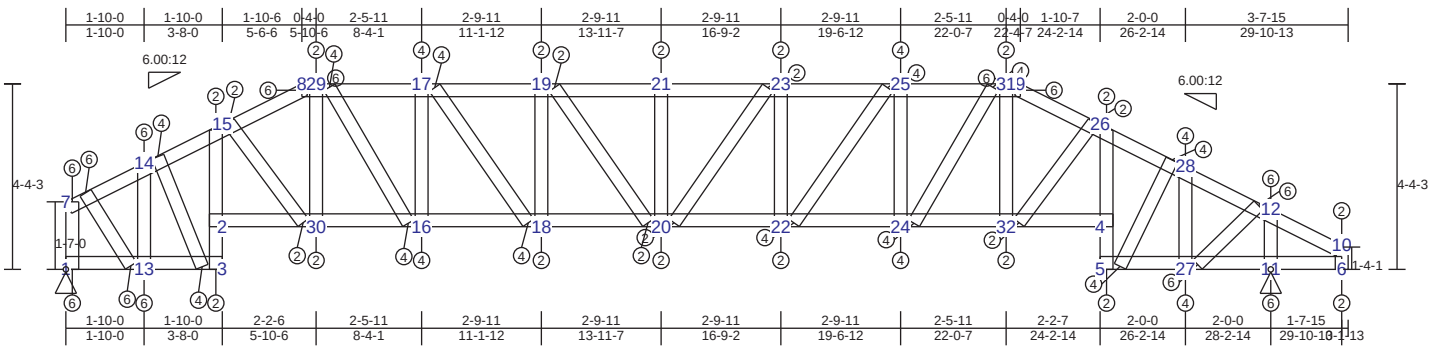
TRUSS TC03 (spacing 24 in)



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 :	0.51 (25 - 31)	TL(V): 0.1 in.	L / 999	(19-21)	L / 360
BC :	0.69 (1 - 13)	LL(V): 0.06 in.	L / 999	(19-21)	L / 360
Web :	0.41 (16 - 17)	DL(V): 0.04 in.	L / 999	(19-21)	L / 0
		Cant / OH TL: 0.02 in.	2L / 1	26	2L / 360
		Cant / OH LL: 0.02 in.	2L / 1	26	2L / 360
		Horiz TL: -0.01 in.		9	
		Web :			
		Snow/Wind -0.06 in.	L / 999	(21-23)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 1	26	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		2050 lbs	1750 lbs	0 lbs	-460 lbs	2050 lbs
11	Pin		-2030 lbs	1950 lbs	0 lbs	-710 lbs	-2030 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
4-4-3	30-0-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web							
8-29	0.25	-1843 lbs	-1843 lbs	2-30	0.15	-434 lbs	-434 lbs	1-7	0.29	-1917 lbs	-1917 lbs	16-29	0.23	1566 lbs	-629 lbs
17-29	0.51	-2628 lbs	-2628 lbs	16-30	0.28	515 lbs	-271 lbs	13-14	0.39	-2246 lbs	-2246 lbs	26-32	0.01	177 lbs	-32 lbs
17-19	0.36	-3140 lbs	-3140 lbs	16-18	0.28	1027 lbs	-339 lbs	2-3	0.14	-666 lbs	-666 lbs	24-31	0.18	1472 lbs	-489 lbs
19-21	0.34	-3304 lbs	-3304 lbs	18-20	0.14	1191 lbs	-422 lbs	2-15	0.24	-666 lbs	-666 lbs				
21-23	0.34	-3304 lbs	-3304 lbs	20-22	0.15	1191 lbs	-422 lbs	16-17	0.41	-1372 lbs	-1372 lbs				
23-25	0.36	-3185 lbs	-3185 lbs	22-24	0.27	1072 lbs	-406 lbs	18-19	0.16	-554 lbs	-554 lbs				
25-31	0.51	-2717 lbs	-2717 lbs	24-32	0.27	604 lbs	-260 lbs	20-21	0.09	-318 lbs	-318 lbs				
9-31	0.27	-1979 lbs	-1979 lbs	4-32	0.07	-240 lbs	-240 lbs	22-23	0.14	-483 lbs	-483 lbs				
9-26	0.22	-2214 lbs	-2214 lbs	1-13	0.69	-2051 lbs	-2051 lbs	24-25	0.39	-1310 lbs	-1310 lbs				
26-28	0.26	-2197 lbs	-2197 lbs	3-13	0.43	-816 lbs	-816 lbs	4-5	0.09	-480 lbs	-480 lbs				
12-28	0.39	-2126 lbs	-2126 lbs	5-27	0.29	-569 lbs	-569 lbs	4-26	0.14	-480 lbs	-480 lbs				
10-12	0.35	-855 lbs	-855 lbs	11-27	0.68	-2028 lbs	-2028 lbs	27-28	0.24	-1511 lbs	-1511 lbs				
7-14	0.50	-2009 lbs	-2009 lbs	6-11	0.63	-2028 lbs	-2028 lbs	11-12	0.31	-2111 lbs	-2111 lbs				
14-15	0.27	-2027 lbs	-2027 lbs					29-30	0.10	-352 lbs	-352 lbs				
8-15	0.21	-2061 lbs	-2061 lbs					31-32	0.06	-209 lbs	-209 lbs				
								6-10	0.00	74 lbs	-2 lbs				
								7-13	0.12	2337 lbs	-700 lbs				
								3-14	0.09	1245 lbs	-404 lbs				
								17-18	0.15	899 lbs	-376 lbs				
								19-20	0.06	288 lbs	-149 lbs				
								20-23	0.02	209 lbs	-64 lbs				
								22-25	0.10	822 lbs	-262 lbs				
								5-28	0.05	858 lbs	-254 lbs				
								12-27	0.10	2033 lbs	-620 lbs				
								15-30	0.03	274 lbs	-113 lbs				

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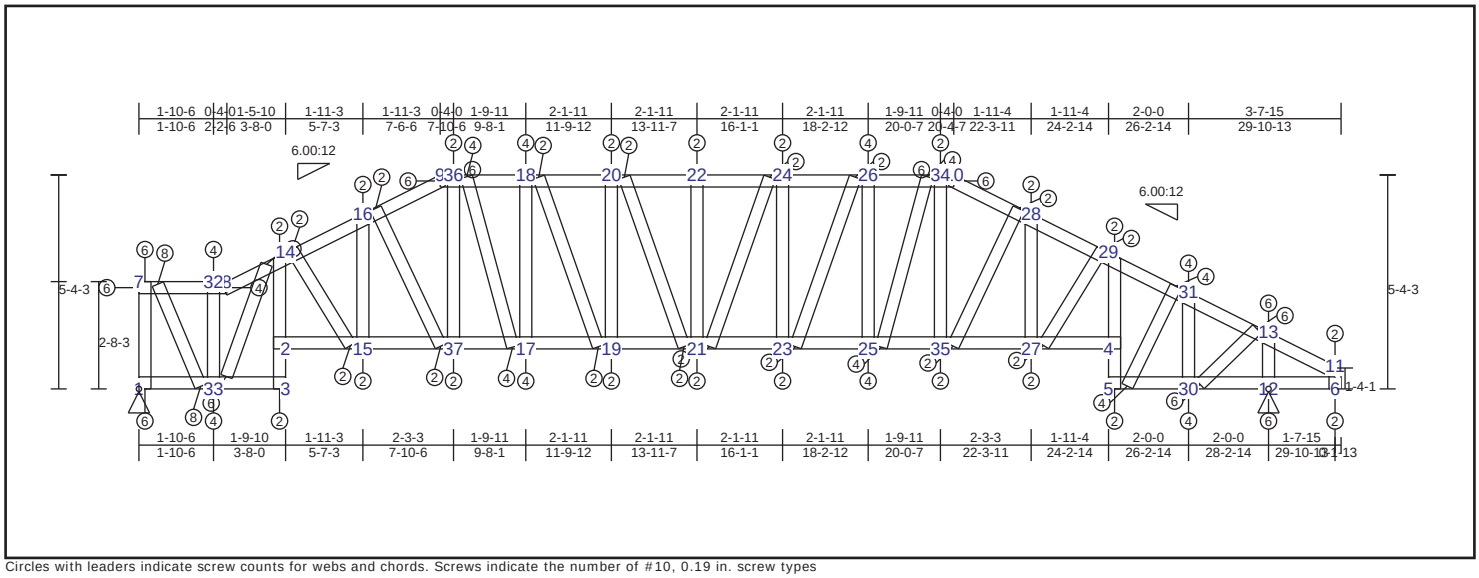
TRUSS TC04 (spacing 24 in)



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 :	0.57 (7 - 32)	TL(V): 0.09 in.	L / 999	(20-22)	L / 360
BC :	0.66 (1 - 33)	LL(V): 0.05 in.	L / 999	(20-22)	L / 360
Web :	0.62 (17 - 18)	DL(V): 0.04 in.	L / 999	(20-22)	L / 0
		Cant / OH TL: 0.02 in.	2L / 0	14	2L / 360
		Cant / OH LL: 0.02 in.	2L / 0	14	2L / 360
		Horiz TL: -0.01 in.		28	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(22-24)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 1	(27-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1940 lbs	1730 lbs	0 lbs	-410 lbs	1940 lbs
12	Pin		-1890 lbs	1950 lbs	0 lbs	-680 lbs	-1890 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
5-4-3	30-0-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-32	0.57	-1091 lbs	-1091 lbs	2-15	0.13	-297 lbs	-297 lbs	1-7	0.41	-2086 lbs	-2086 lbs
8-32	0.15	-1091 lbs	-1091 lbs	15-37	0.11	199 lbs	-141 lbs	2-3	0.10	461 lbs	-128 lbs
8-14	0.32	-2322 lbs	-2322 lbs	17-37	0.26	217 lbs	-104 lbs	2-14	0.17	594 lbs	-187 lbs
14-16	0.25	-2162 lbs	-2162 lbs	17-19	0.26	463 lbs	-135 lbs	15-16	0.13	-458 lbs	-458 lbs
9-16	0.21	-2162 lbs	-2162 lbs	19-21	0.10	538 lbs	-178 lbs	17-18	0.62	-1276 lbs	-1276 lbs
9-36	0.26	-1915 lbs	-1915 lbs	21-23	0.09	538 lbs	-186 lbs	19-20	0.24	-500 lbs	-500 lbs
18-36	0.43	-2218 lbs	-2218 lbs	23-25	0.24	491 lbs	-186 lbs	21-22	0.11	-244 lbs	-244 lbs
18-20	0.25	-2464 lbs	-2464 lbs	25-35	0.24	274 lbs	-135 lbs	23-24	0.19	-412 lbs	-412 lbs
20-22	0.24	-2539 lbs	-2539 lbs	27-35	0.06	146 lbs	-113 lbs	25-26	0.58	-1195 lbs	-1195 lbs
22-24	0.23	-2539 lbs	-2539 lbs	4-27	0.04	146 lbs	-140 lbs	27-28	0.04	-155 lbs	-155 lbs
24-26	0.24	-2492 lbs	-2492 lbs	1-33	0.66	-1941 lbs	-1941 lbs	4-5	0.05	-504 lbs	-504 lbs
26-34	0.43	-2275 lbs	-2275 lbs	3-33	0.56	-849 lbs	-849 lbs	4-29	0.07	-504 lbs	-504 lbs
10-34	0.28	-1993 lbs	-1993 lbs	5-30	0.28	-434 lbs	-434 lbs	30-31	0.25	-1519 lbs	-1519 lbs
10-28	0.21	-2248 lbs	-2248 lbs	12-30	0.64	-1893 lbs	-1893 lbs	12-13	0.31	-2112 lbs	-2112 lbs
28-29	0.22	-2251 lbs	-2251 lbs	6-12	0.59	-1893 lbs	-1893 lbs	6-11	0.00	73 lbs	0 lbs
29-31	0.25	-2251 lbs	-2251 lbs					32-33	0.20	-1011 lbs	-1011 lbs
13-31	0.39	-2130 lbs	-2130 lbs					34-35	0.05	148 lbs	-116 lbs
11-13	0.35	-855 lbs	-855 lbs					36-37	0.07	-149 lbs	-149 lbs
								14-15	0.02	300 lbs	-101 lbs
								18-19	0.19	740 lbs	-358 lbs
								20-21	0.08	225 lbs	-162 lbs
								21-24	0.04	142 lbs	-80 lbs
								23-26	0.08	652 lbs	-178 lbs
								27-29	0.00	98 lbs	-8 lbs
								5-31	0.05	894 lbs	-254 lbs
								13-30	0.10	2032 lbs	-598 lbs
								7-33	0.15	2821 lbs	-798 lbs
								14-33	0.51	-1742 lbs	-1742 lbs
								28-35	0.03	136 lbs	-67 lbs
								25-34	0.15	1080 lbs	-328 lbs
								17-36	0.26	1161 lbs	-516 lbs
								16-37	0.08	214 lbs	-155 lbs

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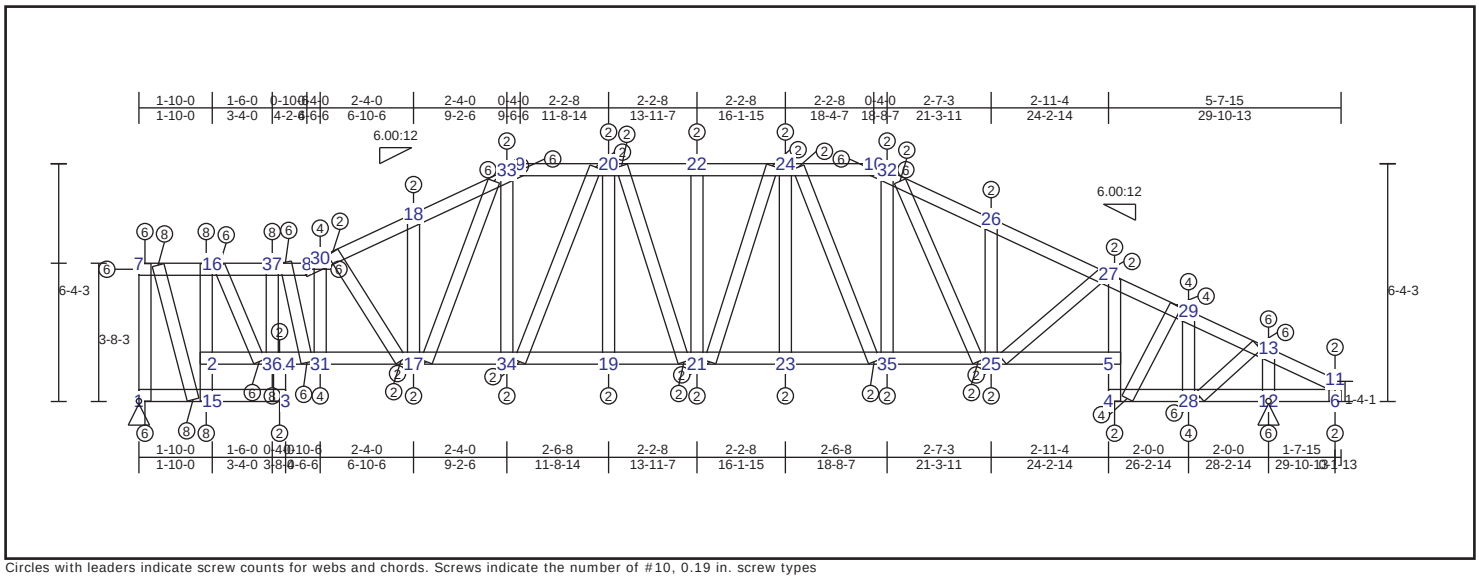
TRUSS TC05 (spacing 24 in)



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 :	0.60 (7 - 16)	TL(V): 0.1 in.	L / 999	(20-22)	L / 360
BC :	0.58 (1 - 15)	LL(V): 0.05 in.	L / 999	(20-22)	L / 360
Web :	0.81 (1 - 5)	DL(V): 0.04 in.	L / 999	(18-33)	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	(20-22)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	(20-22)	2L / 360
		Horiz TL: -0.02 in.		26	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(32-26)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 999	(32-26)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1700 lbs	1760 lbs	0 lbs	-370 lbs	1700 lbs
12	Pin		-1630 lbs	1960 lbs	0 lbs	-640 lbs	-1630 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
6-4-3	30-0-10

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-16	0.60	-734 lbs	-734 lbs	1-15	0.58	-1704 lbs	-1704 lbs	1-7	0.81	-2214 lbs	-2214 lbs
16-37	0.50	-1452 lbs	-1452 lbs	3-15	0.19	0 lbs	0 lbs	2-15	0.45	-2730 lbs	-2730 lbs
8-37	0.50	-1824 lbs	-1824 lbs	4-28	0.28	207 lbs	-202 lbs	2-16	0.71	-2730 lbs	-2730 lbs
8-30	0.32	-2250 lbs	-2250 lbs	12-28	0.55	-1633 lbs	-1633 lbs	17-18	0.16	-404 lbs	-404 lbs
18-30	0.32	-2357 lbs	-2357 lbs	6-12	0.52	-1633 lbs	-1633 lbs	19-20	0.00	83 lbs	-13 lbs
18-33	0.38	-2357 lbs	-2357 lbs	2-36	0.51	-1066 lbs	-1066 lbs	21-22	0.29	-418 lbs	-418 lbs
9-33	0.24	-1705 lbs	-1705 lbs	14-36	0.50	324 lbs	-251 lbs	23-24	0.01	89 lbs	-28 lbs
9-20	0.20	-2043 lbs	-2043 lbs	14-31	0.36	324 lbs	-251 lbs	25-26	0.23	-597 lbs	-597 lbs
20-22	0.25	-2115 lbs	-2115 lbs	17-31	0.36	252 lbs	-165 lbs	4-5	0.09	-479 lbs	-479 lbs
22-24	0.24	-2115 lbs	-2115 lbs	17-34	0.12	247 lbs	-118 lbs	5-27	0.15	-479 lbs	-479 lbs
10-24	0.20	-2066 lbs	-2066 lbs	19-34	0.12	279 lbs	-44 lbs	28-29	0.25	-1519 lbs	-1519 lbs
10-32	0.25	-1755 lbs	-1755 lbs	19-21	0.08	351 lbs	-90 lbs	12-13	0.31	-2117 lbs	-2117 lbs
26-32	0.40	-2495 lbs	-2495 lbs	21-23	0.08	351 lbs	-94 lbs	30-31	0.33	-1506 lbs	-1506 lbs
26-27	0.31	-2495 lbs	-2495 lbs	23-35	0.11	302 lbs	-94 lbs	33-34	0.19	546 lbs	-303 lbs
27-29	0.26	-2319 lbs	-2319 lbs	25-35	0.14	352 lbs	-213 lbs	32-35	0.06	496 lbs	-138 lbs
13-29	0.39	-2135 lbs	-2135 lbs	5-25	0.14	352 lbs	-269 lbs	6-11	0.00	72 lbs	0 lbs
11-13	0.35	-857 lbs	-857 lbs					36-37	0.52	-2599 lbs	-2599 lbs
								3-14	0.01	214 lbs	-57 lbs
								7-15	0.25	3111 lbs	-842 lbs
								20-21	0.16	254 lbs	-211 lbs
								21-24	0.08	175 lbs	-111 lbs
								25-27	0.01	113 lbs	-14 lbs
								4-29	0.04	859 lbs	-225 lbs
								13-28	0.10	2040 lbs	-573 lbs
								17-30	0.06	235 lbs	-193 lbs
								17-33	0.21	445 lbs	-314 lbs
								25-32	0.26	558 lbs	-381 lbs
								24-35	0.37	-465 lbs	-465 lbs
								20-34	0.43	-543 lbs	-543 lbs
								16-36	0.11	2229 lbs	-617 lbs
								31-37	0.11	1891 lbs	-579 lbs

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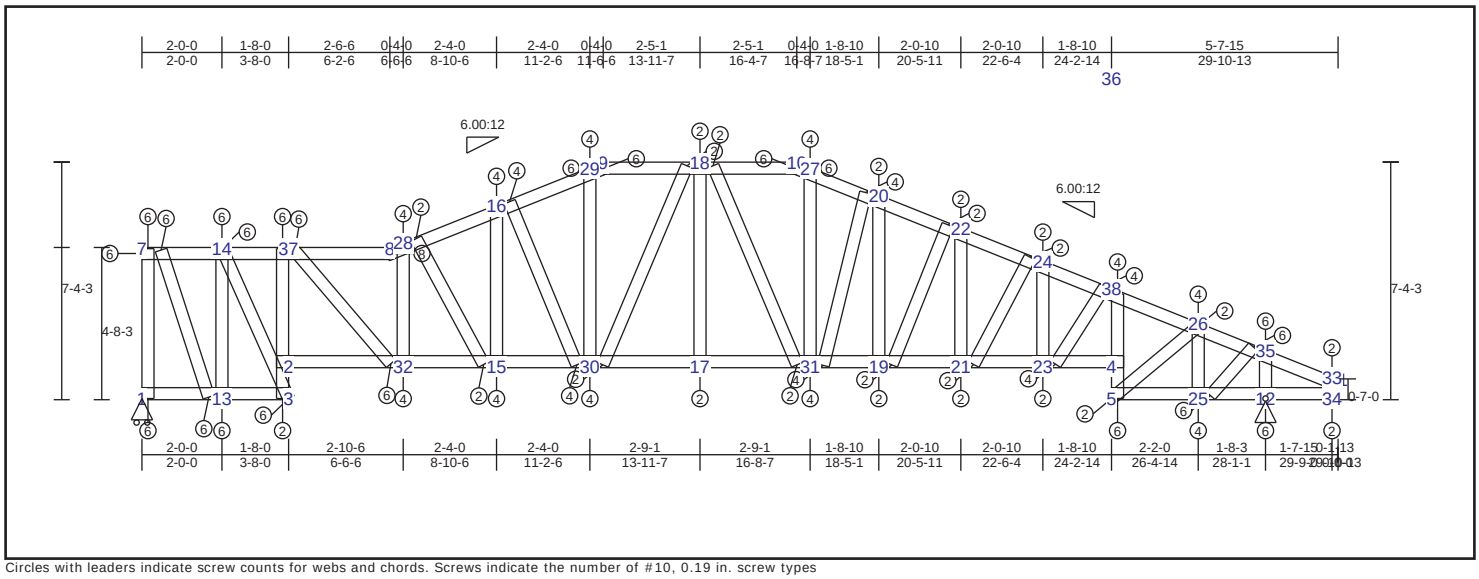
TRUSS TC06 (spacing 24 in)



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 :	0.50 (7 - 14)	TL(V): 0.14 in.	L / 505	(37-8)	L / 360
BC :	0.64 (23 - 4)	LL(V): 0.08 in.	L / 898	(37-8)	L / 360
Web :	0.85 (13 - 14)	DL(V): 0.06 in.	L / 999	(20-22)	L / 0
		Cant / OH TL: 0.06 in.	2L / 0	(23-4)	2L / 360
		Cant / OH LL: 0.06 in.	2L / 0	(23-4)	2L / 360
		Horiz TL: -0.07 in.		1	
		Web :			
		Snow/Wind -0.08 in.	L / 999	(19-21)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 0	(23-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1730 lbs	0 lbs	-440 lbs	0 lbs
12	Pin		-390 lbs	1960 lbs	0 lbs	-510 lbs	-390 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
7-5-7	29-10-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web							
7-14	0.50	-560 lbs	-560 lbs	2-32	0.39	2467 lbs	-665 lbs	1-7	0.85	-1851 lbs	-1851 lbs	18-31	0.22	-192 lbs	-192 lbs
14-37	0.36	-1432 lbs	-1432 lbs	15-32	0.28	2467 lbs	-665 lbs	13-14	0.85	-2326 lbs	-2326 lbs	20-31	0.85	-1067 lbs	-1067 lbs
8-37	0.33	-2467 lbs	-2467 lbs	15-30	0.18	2214 lbs	-597 lbs	15-16	0.11	881 lbs	-244 lbs	25-35	0.10	2017 lbs	-504 lbs
8-28	0.43	-2668 lbs	-2668 lbs	17-30	0.15	1970 lbs	-541 lbs	17-18	0.09	92 lbs	-85 lbs	32-37	0.21	1838 lbs	-517 lbs
16-28	0.48	-2690 lbs	-2690 lbs	17-31	0.20	1970 lbs	-576 lbs	19-20	0.29	764 lbs	-431 lbs	23-38	0.04	837 lbs	-206 lbs
16-29	0.33	-2338 lbs	-2338 lbs	19-31	0.21	2167 lbs	-666 lbs	21-22	0.15	613 lbs	-336 lbs				
9-29	0.25	-1855 lbs	-1855 lbs	19-21	0.25	2399 lbs	-777 lbs	23-24	0.04	-142 lbs	-142 lbs				
9-18	0.21	-2030 lbs	-2030 lbs	21-23	0.30	2620 lbs	-906 lbs	25-26	0.24	-1541 lbs	-1541 lbs				
10-18	0.22	-2030 lbs	-2030 lbs	4-23	0.64	2620 lbs	-906 lbs	28-32	0.50	-1298 lbs	-1298 lbs				
10-27	0.26	-1889 lbs	-1889 lbs	5-25	0.32	1256 lbs	-607 lbs	29-30	0.25	910 lbs	-289 lbs				
20-27	0.33	-2413 lbs	-2413 lbs	12-25	0.32	1256 lbs	-607 lbs	27-31	0.28	1055 lbs	-323 lbs				
20-22	0.28	-2547 lbs	-2547 lbs	12-34	0.13	-393 lbs	-393 lbs	33-34	0.00	56 lbs	-4 lbs				
22-24	0.29	-2782 lbs	-2782 lbs	6-34	0.01	0 lbs	0 lbs	12-35	0.32	-2189 lbs	-2189 lbs				
24-38	0.41	-2833 lbs	-2833 lbs	1-13	0.48	560 lbs	-159 lbs	2-3	0.45	-1673 lbs	-1673 lbs				
26-38	0.36	-2833 lbs	-2833 lbs	3-13	0.48	560 lbs	-159 lbs	2-37	0.71	-1924 lbs	-1924 lbs				
26-35	0.41	-2047 lbs	-2047 lbs					4-5	0.60	-423 lbs	-423 lbs				
33-35	0.37	-885 lbs	-885 lbs					4-38	0.85	-1066 lbs	-1066 lbs				
11-33	0.01	94 lbs	-2 lbs					3-14	0.28	2147 lbs	-594 lbs				
								5-26	0.04	800 lbs	-188 lbs				
								7-13	0.32	2227 lbs	-631 lbs				
								19-22	0.42	-763 lbs	-763 lbs				
								21-24	0.20	-570 lbs	-570 lbs				
								15-28	0.30	-639 lbs	-639 lbs				
								16-30	0.67	-903 lbs	-903 lbs				
								18-30	0.14	129 lbs	-121 lbs				

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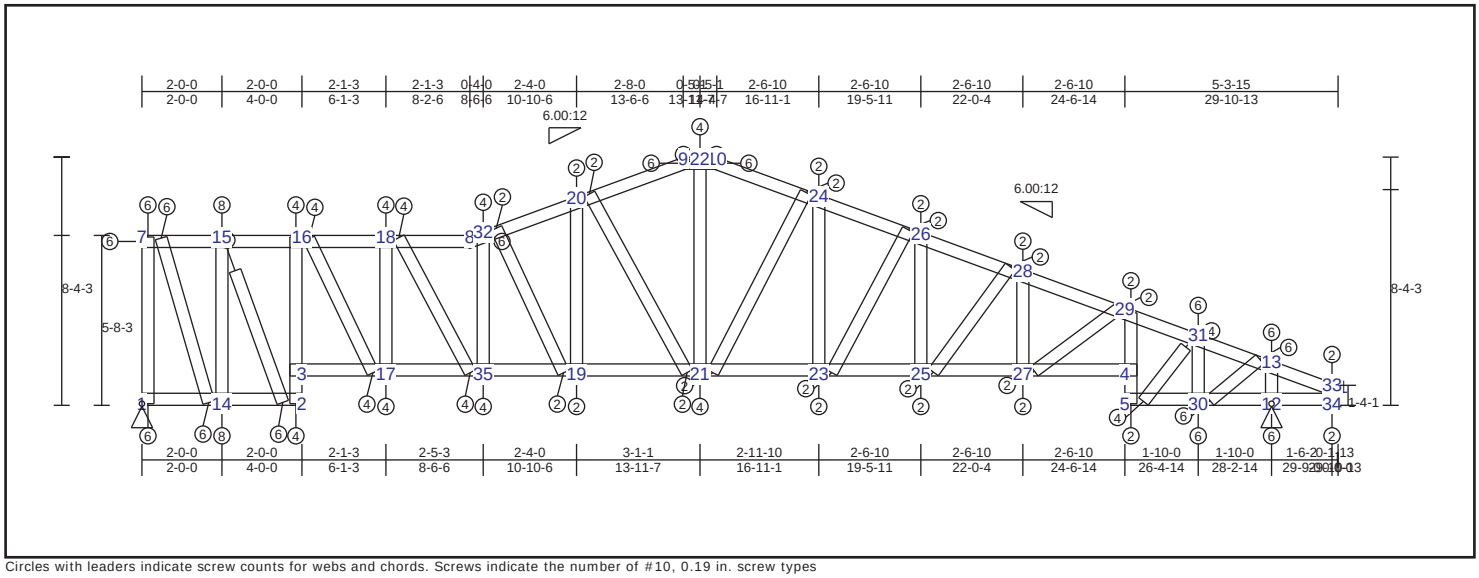
TRUSS TC07 (spacing 24 in)



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 :	0.50 (7 - 15)	TL(V): 0.11 in.	L / 919	(18-8)	L / 360
BC :	0.63 (1 - 14)	LL(V): 0.06 in.	L / 999	(18-8)	L / 360
Web :	0.96 (14 - 15)	DL(V): 0.05 in.	L / 999	(8-32)	L / 0
		Cant / OH TL: 0.06 in.	2L / 999	(18-8)	2L / 360
		Cant / OH LL: 0.06 in.	2L / 999	(18-8)	2L / 360
		Horiz TL: -0.02 in.		26	
		Web :			
		Snow/Wind -0.06 in.	L / 999	(8-32)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 999	(8-32)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1670 lbs	1740 lbs	0 lbs	-550 lbs	1670 lbs
12	Pin		-1550 lbs	1950 lbs	0 lbs	-540 lbs	-1550 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
8-4-3	29-10-13

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-15	0.50	-476 lbs	-476 lbs	1-14	0.63	-1666 lbs	-1666 lbs	1-7	0.96	-1859 lbs	-1859 lbs
15-16	0.44	-1074 lbs	-1074 lbs	2-14	0.63	-1189 lbs	-1189 lbs	14-15	0.96	-2815 lbs	-2815 lbs
16-18	0.29	-1483 lbs	-1483 lbs	3-17	0.33	-621 lbs	-621 lbs	2-3	0.26	-1501 lbs	-1501 lbs
8-18	0.29	-1932 lbs	-1932 lbs	17-35	0.33	267 lbs	-195 lbs	3-16	0.51	-1501 lbs	-1501 lbs
8-32	0.33	-2077 lbs	-2077 lbs	19-35	0.22	267 lbs	-89 lbs	17-18	0.92	-1590 lbs	-1590 lbs
20-32	0.38	-2138 lbs	-2138 lbs	19-21	0.17	-184 lbs	-184 lbs	19-20	0.12	708 lbs	-192 lbs
9-20	0.21	-1788 lbs	-1788 lbs	21-23	0.17	-184 lbs	-184 lbs	21-22	0.65	1292 lbs	-447 lbs
9-22	0.25	-1557 lbs	-1557 lbs	23-25	0.13	342 lbs	-115 lbs	23-24	0.29	637 lbs	-317 lbs
10-22	0.25	-1557 lbs	-1557 lbs	25-27	0.08	491 lbs	-246 lbs	25-26	0.13	394 lbs	-231 lbs
10-24	0.21	-1784 lbs	-1784 lbs	4-27	0.10	491 lbs	-281 lbs	27-28	0.03	-92 lbs	-92 lbs
24-26	0.27	-2090 lbs	-2090 lbs	5-30	0.30	257 lbs	-256 lbs	4-5	0.10	-487 lbs	-487 lbs
26-28	0.25	-2325 lbs	-2325 lbs	12-30	0.52	-1550 lbs	-1550 lbs	4-29	0.17	-504 lbs	-504 lbs
28-29	0.27	-2392 lbs	-2392 lbs	12-34	0.49	-1550 lbs	-1550 lbs	30-31	0.25	-1654 lbs	-1654 lbs
29-31	0.21	-2344 lbs	-2344 lbs	6-34	0.01	0 lbs	0 lbs	12-13	0.32	-2142 lbs	-2142 lbs
13-31	0.40	-2047 lbs	-2047 lbs					33-34	0.00	69 lbs	-6 lbs
13-33	0.36	-864 lbs	-864 lbs					32-35	0.58	-977 lbs	-977 lbs
11-33	0.02	94 lbs	-3 lbs					7-14	0.61	2296 lbs	-734 lbs
								2-15	0.63	2326 lbs	-737 lbs
								16-17	0.18	1325 lbs	-364 lbs
								23-26	0.47	-677 lbs	-677 lbs
								25-28	0.14	-316 lbs	-316 lbs
								27-29	0.01	199 lbs	-38 lbs
								5-31	0.05	977 lbs	-241 lbs
								13-30	0.10	2000 lbs	-538 lbs
								20-21	0.83	-685 lbs	-685 lbs
								21-24	0.92	-749 lbs	-749 lbs
								18-35	0.20	1242 lbs	-369 lbs
								19-32	0.38	-561 lbs	-561 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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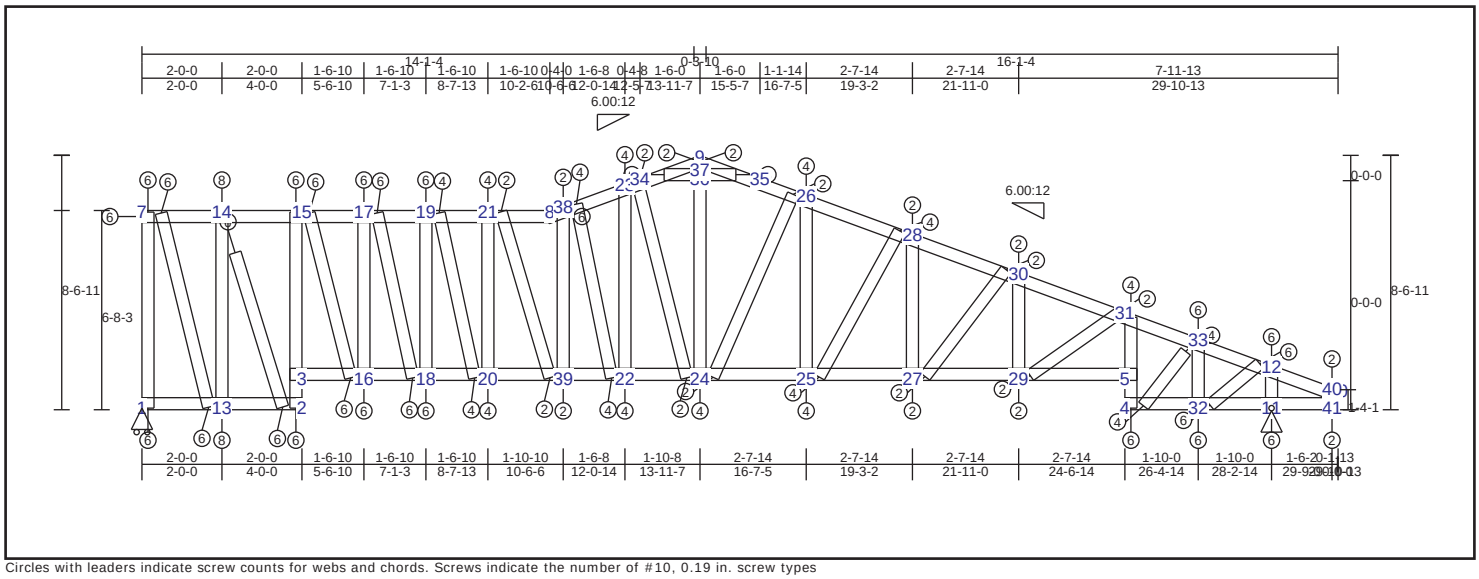
TAYNR.com

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 :	0.50 (7 - 14)	TL(V): 0.21 in.	L / 573	(21-8)	L / 360
BC :	0.56 (29 - 5)	LL(V): 0.12 in.	L / 999	(21-8)	L / 360
Web :	0.96 (13 - 14)	DL(V): 0.09 in.	L / 999	(21-8)	L / 0
		Cant / OH TL: 0.12 in.	2L / 999	(21-8)	2L / 360
		Cant / OH LL: 0.12 in.	2L / 999	(21-8)	2L / 360
		Horiz TL: -0.07 in.		1	
		Web :			
		Snow/Wind -0.13 in.	L / 934	(21-8)	L / 360
		Cant (Snow/Wind) -0.13 in.	L / 999	(21-8)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1750 lbs	0 lbs	-610 lbs	0 lbs
11	Pin		-510 lbs	1950 lbs	0 lbs	-560 lbs	-510 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
8-6-11	29-10-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord			
7-14	0.50	-399 lbs	-399 lbs	1-13	0.51	399 lbs	-139 lbs
14-15	0.44	-978 lbs	-978 lbs	2-13	0.51	915 lbs	-319 lbs
15-17	0.45	-1417 lbs	-1417 lbs	4-32	0.31	1868 lbs	-876 lbs
17-19	0.32	-1687 lbs	-1687 lbs	11-32	0.31	1463 lbs	-813 lbs
19-21	0.27	-1924 lbs	-1924 lbs	11-41	0.16	-508 lbs	-508 lbs
8-21	0.23	-2079 lbs	-2079 lbs	6-41	0.01	0 lbs	0 lbs
8-38	0.35	-2124 lbs	-2124 lbs	3-16	0.37	1417 lbs	-492 lbs
23-38	0.45	-2470 lbs	-2470 lbs	16-18	0.37	1687 lbs	-583 lbs
23-34	0.24	-1935 lbs	-1935 lbs	18-20	0.29	1924 lbs	-662 lbs
9-34	0.25	-1935 lbs	-1935 lbs	20-39	0.32	2079 lbs	-712 lbs
9-35	0.28	-2005 lbs	-2005 lbs	22-39	0.32	2079 lbs	-712 lbs
26-35	0.23	-2005 lbs	-2005 lbs	22-24	0.28	1909 lbs	-657 lbs
26-28	0.32	-2374 lbs	-2374 lbs	24-25	0.25	2013 lbs	-765 lbs
28-30	0.35	-2759 lbs	-2759 lbs	25-27	0.32	2365 lbs	-952 lbs
30-31	0.41	-2958 lbs	-2958 lbs	27-29	0.38	2716 lbs	-1162 lbs
31-33	0.34	-2852 lbs	-2852 lbs	5-29	0.56	2716 lbs	-1162 lbs
12-33	0.39	-2035 lbs	-2035 lbs				
12-40	0.35	-858 lbs	-858 lbs				
10-40	0.01	93 lbs	-3 lbs				

Web			
1-7	0.96	-1854 lbs	-1854 lbs
13-14	0.96	-2806 lbs	-2806 lbs
2-3	0.35	-1523 lbs	-1523 lbs
3-15	0.83	-2169 lbs	-2169 lbs
16-17	0.96	-2081 lbs	-2081 lbs
18-19	0.96	-1646 lbs	-1646 lbs
20-21	0.96	-1172 lbs	-1172 lbs
22-23	0.45	1379 lbs	-427 lbs
25-26	0.40	823 lbs	-403 lbs
27-28	0.20	700 lbs	-348 lbs
29-30	0.05	251 lbs	-165 lbs
4-5	0.62	-371 lbs	-371 lbs
5-31	0.96	-690 lbs	-690 lbs
32-33	0.25	-1641 lbs	-1641 lbs
11-12	0.31	-2126 lbs	-2126 lbs
38-39	0.66	-755 lbs	-755 lbs
40-41	0.00	66 lbs	-6 lbs
34-36	0.41	-2320 lbs	-2320 lbs
35-36	0.41	-2320 lbs	-2320 lbs
24-36	0.11	1049 lbs	-387 lbs
36-37	0.11	1049 lbs	-387 lbs
7-13	0.96	2259 lbs	-789 lbs
2-14	0.96	2333 lbs	-814 lbs
15-16	0.71	2410 lbs	-826 lbs
17-18	0.49	1730 lbs	-586 lbs
19-20	0.42	1521 lbs	-509 lbs
23-24	0.65	-505 lbs	-505 lbs
24-26	0.80	-655 lbs	-655 lbs
25-28	0.70	-941 lbs	-941 lbs
27-30	0.33	-720 lbs	-720 lbs
29-31	0.02	356 lbs	-65 lbs
4-33	0.04	818 lbs	-192 lbs
12-32	0.10	2001 lbs	-557 lbs
21-39	0.19	734 lbs	-241 lbs
22-38	0.96	-1155 lbs	-1155 lbs

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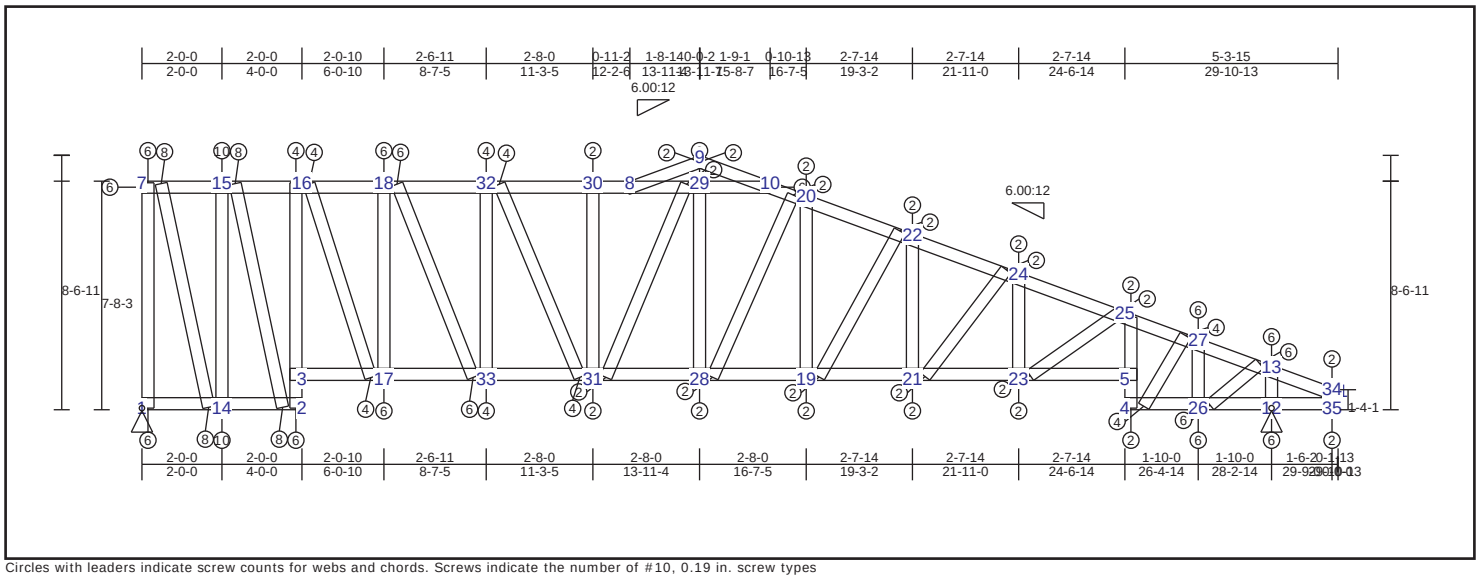
TRUSS TC09 (spacing 24 in)



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 :	0.58 (7 - 15)	TL(V): 0.12 in.	L / 999	(32-30)	L / 360
BC :	0.65 (1 - 14)	LL(V): 0.07 in.	L / 999	(32-30)	L / 360
Web :	0.96 (14 - 15)	DL(V): 0.05 in.	L / 999	(31-28)	L / 0
		Cant / OH TL: 0.07 in.	2L / 999	(32-30)	2L / 360
		Cant / OH LL: 0.07 in.	2L / 999	(32-30)	2L / 360
		Horiz TL: -0.03 in.		22	
		Web :			
		Snow/Wind -0.08 in.	L / 999	(31-28)	L / 360
		Cant (Snow/Wind) -0.08 in.	L / 999	(31-28)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1690 lbs	1930 lbs	0 lbs	-770 lbs	1690 lbs
12	Pin		-1530 lbs	2120 lbs	0 lbs	-680 lbs	-1530 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
8-6-11	29-10-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-9	0.07	-223 lbs	-223 lbs	1-14	0.65	-1690 lbs	-1690 lbs	1-7	0.96	-2157 lbs	-2157 lbs
9-10	0.05	-273 lbs	-273 lbs	2-14	0.65	-1243 lbs	-1243 lbs	14-15	0.96	-3419 lbs	-3419 lbs
10-20	0.32	-2079 lbs	-2079 lbs	4-26	0.34	478 lbs	-309 lbs	2-3	0.35	-1896 lbs	-1896 lbs
20-22	0.30	-2428 lbs	-2428 lbs	12-26	0.52	-1528 lbs	-1528 lbs	3-16	0.96	-1896 lbs	-1896 lbs
22-24	0.30	-2687 lbs	-2687 lbs	12-35	0.49	-1528 lbs	-1528 lbs	17-18	0.96	-1903 lbs	-1903 lbs
24-25	0.33	-2757 lbs	-2757 lbs	6-35	0.01	0 lbs	0 lbs	19-20	0.30	633 lbs	-307 lbs
25-27	0.28	-2677 lbs	-2677 lbs	3-17	0.44	-835 lbs	-835 lbs	21-22	0.13	410 lbs	-221 lbs
13-27	0.45	-2348 lbs	-2348 lbs	17-33	0.40	-529 lbs	-529 lbs	23-24	0.03	-83 lbs	-83 lbs
13-34	0.40	-962 lbs	-962 lbs	31-33	0.26	224 lbs	-109 lbs	4-5	0.17	-639 lbs	-639 lbs
11-34	0.02	99 lbs	-6 lbs	28-31	0.16	345 lbs	-86 lbs	5-25	0.30	-695 lbs	-695 lbs
7-15	0.58	-446 lbs	-446 lbs	19-28	0.12	416 lbs	-137 lbs	26-27	0.29	-1909 lbs	-1909 lbs
15-16	0.56	-872 lbs	-872 lbs	19-21	0.14	676 lbs	-283 lbs	12-13	0.35	-2371 lbs	-2371 lbs
16-18	0.33	-1161 lbs	-1161 lbs	21-23	0.14	843 lbs	-413 lbs	32-33	0.96	-1381 lbs	-1381 lbs
18-32	0.33	-1616 lbs	-1616 lbs	5-23	0.13	843 lbs	-413 lbs	30-31	0.58	-485 lbs	-485 lbs
30-32	0.25	-1913 lbs	-1913 lbs					28-29	0.23	361 lbs	-200 lbs
8-30	0.20	-1913 lbs	-1913 lbs					34-35	0.00	78 lbs	-12 lbs
8-29	0.21	-1913 lbs	-1913 lbs					7-14	0.96	2901 lbs	-1157 lbs
10-29	0.26	-1850 lbs	-1850 lbs					2-15	0.96	2767 lbs	-1119 lbs
								16-17	0.63	1346 lbs	-496 lbs
								19-22	0.51	-693 lbs	-693 lbs
								21-24	0.16	-347 lbs	-347 lbs
								23-25	0.01	278 lbs	-44 lbs
								4-27	0.06	1142 lbs	-321 lbs
								13-26	0.12	2347 lbs	-703 lbs
								18-33	0.94	1639 lbs	-696 lbs
								31-32	0.59	1017 lbs	-451 lbs
								29-31	0.54	-415 lbs	-415 lbs
								20-28	0.28	-239 lbs	-239 lbs

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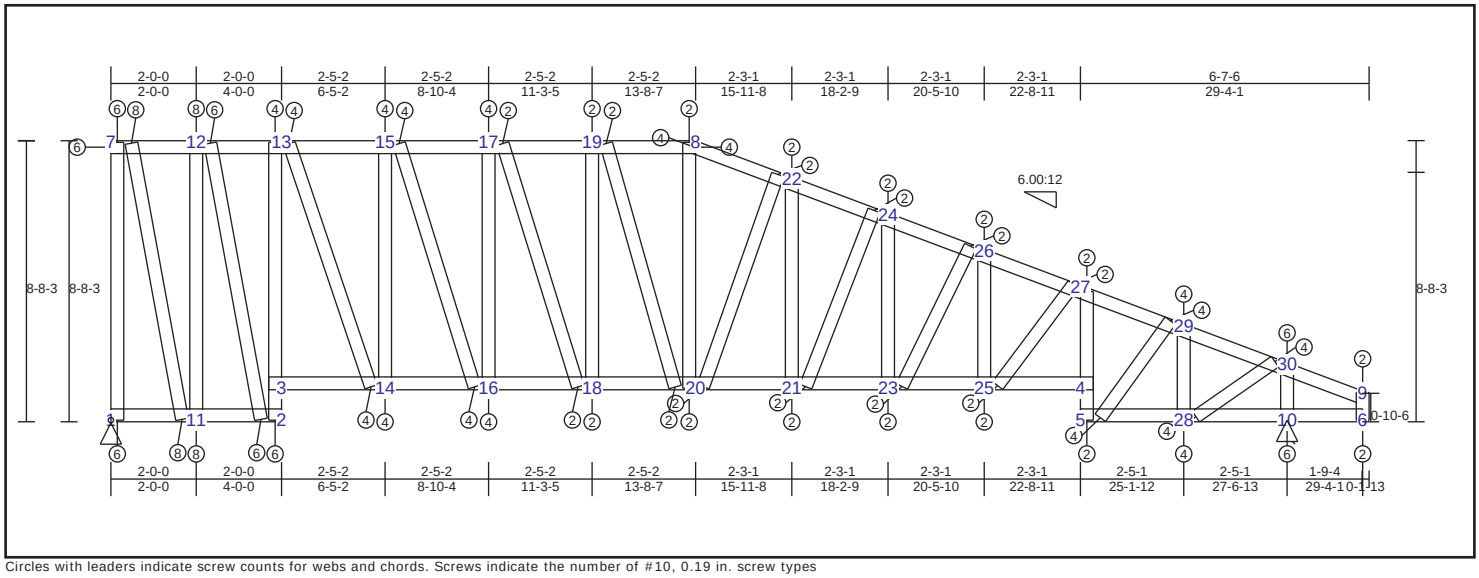
TRUSS TC10 (spacing 24 in)



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.Member 10-30 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 :	0.50 (7 - 12)	TL(V): 0.1 in.	L / 999	(17-19)	L / 360
BC :	0.52 (1 - 11)	LL(V): 0.06 in.	L / 999	(17-19)	L / 360
Web :	0.96 (11 - 12)	DL(V): 0.04 in.	L / 999	(17-19)	L / 0
		Cant / OH TL: 0.06 in.	2L / 999	(17-19)	2L / 360
		Cant / OH LL: 0.06 in.	2L / 999	(17-19)	2L / 360
		Horiz TL: -0.03 in.		24	
		Web :			
		Snow/Wind -0.06 in.	L / 999	(21-23)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 999	(21-23)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		1260 lbs	1690 lbs	0 lbs	-530 lbs	1260 lbs
10	Fixed		-1170 lbs	1930 lbs	0 lbs	-520 lbs	-1170 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
8-8-3	29-5-14

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-12	0.50	-339 lbs	-339 lbs	1-11	0.52	-1261 lbs	-1261 lbs	1-7	0.96	-1878 lbs	-1878 lbs
12-13	0.47	-655 lbs	-655 lbs	2-11	0.52	-923 lbs	-923 lbs	11-12	0.96	-2923 lbs	-2923 lbs
13-15	0.26	-921 lbs	-921 lbs	3-14	0.32	-618 lbs	-618 lbs	2-3	0.27	-1592 lbs	-1592 lbs
15-17	0.26	-1192 lbs	-1192 lbs	14-16	0.32	347 lbs	-340 lbs	3-13	0.96	-1592 lbs	-1592 lbs
17-19	0.17	-1343 lbs	-1343 lbs	16-18	0.19	196 lbs	-99 lbs	14-15	0.96	-1515 lbs	-1515 lbs
8-19	0.17	-1405 lbs	-1405 lbs	18-20	0.14	144 lbs	-64 lbs	16-17	0.96	-959 lbs	-959 lbs
8-22	0.19	-1622 lbs	-1622 lbs	20-21	0.16	348 lbs	-163 lbs	18-19	0.96	-649 lbs	-649 lbs
22-24	0.22	-1847 lbs	-1847 lbs	21-23	0.12	523 lbs	-319 lbs	8-20	0.44	550 lbs	-279 lbs
24-26	0.21	-1993 lbs	-1993 lbs	23-25	0.15	634 lbs	-454 lbs	21-22	0.66	676 lbs	-573 lbs
26-27	0.23	-2042 lbs	-2042 lbs	4-25	0.15	634 lbs	-454 lbs	23-24	0.27	390 lbs	-384 lbs
27-29	0.23	-2042 lbs	-2042 lbs	5-28	0.27	438 lbs	-385 lbs	25-26	0.07	-155 lbs	-155 lbs
29-30	0.30	-1743 lbs	-1743 lbs	10-28	0.38	-1152 lbs	-1152 lbs	4-5	0.16	-539 lbs	-539 lbs
9-30	0.34	-697 lbs	-697 lbs	6-10	0.32	-1152 lbs	-1152 lbs	4-27	0.27	-645 lbs	-645 lbs
								28-29	0.32	-1384 lbs	-1384 lbs
								6-9	0.01	118 lbs	-24 lbs
								10-30	0.27	-1829 lbs	-1829 lbs
								7-11	0.96	2488 lbs	-1313 lbs
								2-12	0.96	2323 lbs	-1210 lbs
								13-14	0.96	1133 lbs	-583 lbs
								15-16	0.96	1195 lbs	-669 lbs
								17-18	0.83	669 lbs	-484 lbs
								19-20	0.64	-382 lbs	-382 lbs
								20-22	0.96	-800 lbs	-800 lbs
								21-24	0.54	-628 lbs	-628 lbs
								23-26	0.19	395 lbs	-339 lbs
								25-27	0.03	248 lbs	-77 lbs
								5-29	0.10	924 lbs	-325 lbs
								28-30	0.10	1474 lbs	-518 lbs

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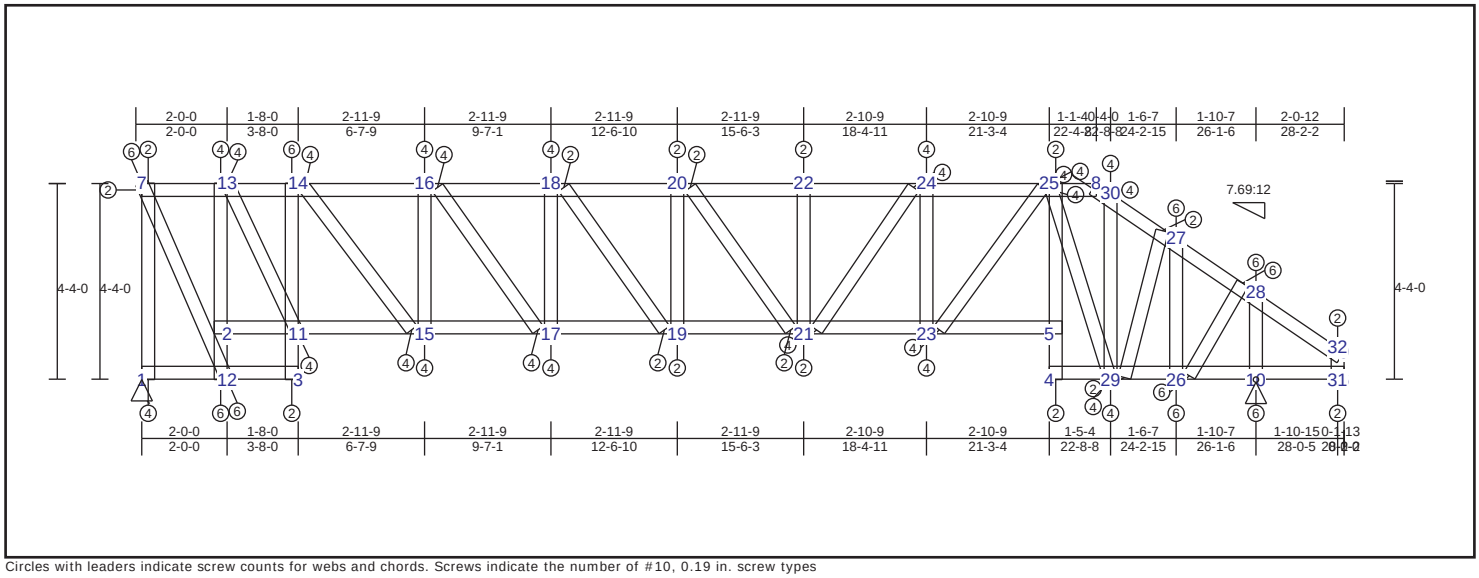
TRUSS TC11 (spacing 24 in)



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 :	0.38 (27 - 28)	TL(V): 0.1 in.	L / 999	(19-21)	L / 360
BC :	0.62 (1 - 12)	LL(V): 0.05 in.	L / 999	(19-21)	L / 360
Web :	0.81 (25 - 29)	DL(V): 0.05 in.	L / 999	(19-21)	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	(19-21)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	(19-21)	2L / 360
		Horiz TL: -0.01 in.		30	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(19-21)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 999	(19-21)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		1830 lbs	1850 lbs	0 lbs	-400 lbs	1830 lbs
10	Pin		-1750 lbs	2130 lbs	0 lbs	-260 lbs	-1750 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
4-5-9	28-3-13

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 = 15.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-13	0.20	-653 lbs	-653 lbs	1-12	0.62	-1862 lbs	-1862 lbs	1-7	0.22	-1514 lbs	-1514 lbs
13-14	0.31	-1191 lbs	-1191 lbs	3-12	0.18	-595 lbs	-595 lbs	2-12	0.28	-1769 lbs	-1769 lbs
14-16	0.31	-2187 lbs	-2187 lbs	4-29	0.27	-555 lbs	-555 lbs	2-13	0.44	-1769 lbs	-1769 lbs
16-18	0.34	-2909 lbs	-2909 lbs	26-29	0.35	-758 lbs	-758 lbs	3-11	0.20	16 lbs	-2 lbs
18-20	0.35	-3189 lbs	-3189 lbs	10-26	0.59	-1752 lbs	-1752 lbs	11-14	0.34	-1697 lbs	-1697 lbs
20-22	0.32	-3189 lbs	-3189 lbs	10-31	0.51	-1752 lbs	-1752 lbs	15-16	0.40	-1368 lbs	-1368 lbs
22-24	0.34	-3075 lbs	-3075 lbs	6-31	0.01	2 lbs	0 lbs	17-18	0.24	-817 lbs	-817 lbs
24-25	0.33	-2575 lbs	-2575 lbs	2-11	0.43	-1212 lbs	-1212 lbs	19-20	0.07	-228 lbs	-228 lbs
8-25	0.23	-1740 lbs	-1740 lbs	11-15	0.28	-656 lbs	-656 lbs	21-22	0.11	-375 lbs	-375 lbs
8-30	0.20	-1081 lbs	-1081 lbs	15-17	0.28	1077 lbs	-554 lbs	23-24	0.33	-1143 lbs	-1143 lbs
27-30	0.28	-1870 lbs	-1870 lbs	17-19	0.22	1358 lbs	-699 lbs	4-5	0.02	134 lbs	-58 lbs
27-28	0.38	-1870 lbs	-1870 lbs	19-21	0.24	1358 lbs	-699 lbs	5-25	0.03	134 lbs	-58 lbs
28-32	0.37	-1089 lbs	-1089 lbs	21-23	0.24	1243 lbs	-640 lbs	26-27	0.44	-1721 lbs	-1721 lbs
9-32	0.01	142 lbs	-6 lbs	5-23	0.24	743 lbs	-383 lbs	10-28	0.34	-2259 lbs	-2259 lbs
								29-30	0.20	875 lbs	-476 lbs
								31-32	0.00	58 lbs	-10 lbs
								7-12	0.43	1629 lbs	-831 lbs
								25-29	0.81	-1498 lbs	-1498 lbs
								11-13	0.22	1243 lbs	-634 lbs
								14-15	0.37	1616 lbs	-834 lbs
								16-17	0.26	1204 lbs	-622 lbs
								18-19	0.10	467 lbs	-242 lbs
								20-21	0.08	-190 lbs	-190 lbs
								21-24	0.18	855 lbs	-440 lbs
								23-25	0.30	1365 lbs	-702 lbs
								26-28	0.14	1903 lbs	-810 lbs
								27-29	0.10	763 lbs	-334 lbs

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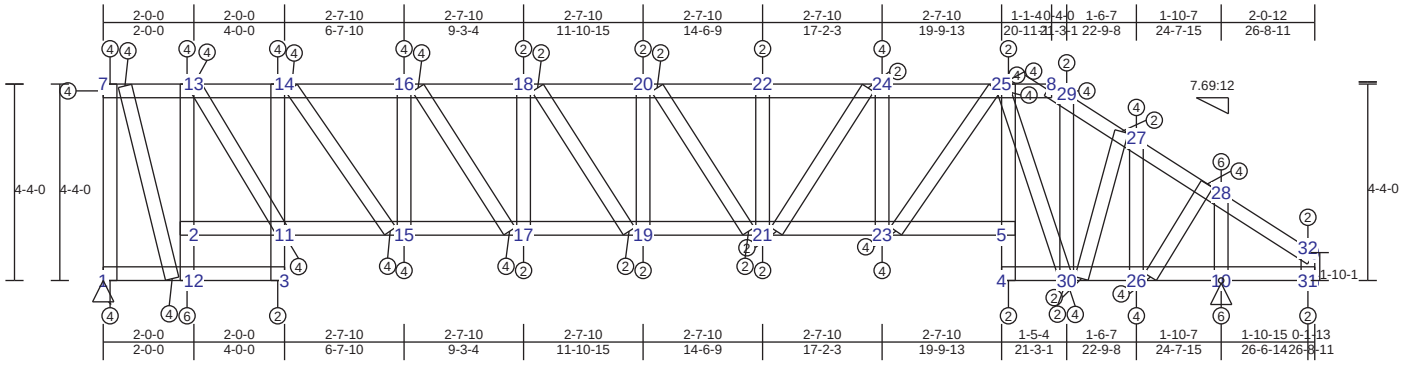
TRUSS TC12 (spacing 24 in)



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.Member 10-28 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.Member 31-32 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 :	0.34 (7 - 13)	TL(V): 0.08 in.	L / 999	(19-21)	L / 360
BC :	0.52 (1 - 12)	LL(V): 0.04 in.	L / 999	(19-21)	L / 360
Web :	0.63 (25 - 30)	DL(V): 0.03 in.	L / 999	(19-21)	L / 0
		Cant / OH TL: 0.04 in.	2L / 999	(19-21)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 999	(19-21)	2L / 360
		Horiz TL: -0.01 in.		29	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(19-21)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 999	(19-21)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		1430 lbs	1550 lbs	0 lbs	-540 lbs	1430 lbs
10	Pin		-1350 lbs	1760 lbs	0 lbs	-420 lbs	-1350 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
4-5-8	26-8-11

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-13	0.34	-382 lbs	-382 lbs	1-12	0.52	-1429 lbs	-1429 lbs	1-7	0.62	-1273 lbs	-1273 lbs
13-14	0.24	-1075 lbs	-1075 lbs	3-12	0.35	-533 lbs	-533 lbs	2-12	0.28	-2009 lbs	-2009 lbs
14-16	0.24	-1750 lbs	-1750 lbs	4-30	0.21	-383 lbs	-383 lbs	2-13	0.43	-2009 lbs	-2009 lbs
16-18	0.26	-2263 lbs	-2263 lbs	26-30	0.27	-547 lbs	-547 lbs	3-11	0.18	230 lbs	-124 lbs
18-20	0.26	-2463 lbs	-2463 lbs	10-26	0.46	-1349 lbs	-1349 lbs	11-14	0.31	-1365 lbs	-1365 lbs
20-22	0.23	-2463 lbs	-2463 lbs	10-31	0.40	-1349 lbs	-1349 lbs	15-16	0.32	-1111 lbs	-1111 lbs
22-24	0.25	-2390 lbs	-2390 lbs	6-31	0.01	2 lbs	0 lbs	17-18	0.19	-670 lbs	-670 lbs
24-25	0.25	-2037 lbs	-2037 lbs	2-11	0.38	-1078 lbs	-1078 lbs	19-20	0.05	-181 lbs	-181 lbs
8-25	0.18	-1423 lbs	-1423 lbs	11-15	0.23	-368 lbs	-368 lbs	21-22	0.08	-294 lbs	-294 lbs
8-29	0.16	-895 lbs	-895 lbs	15-17	0.23	833 lbs	-486 lbs	23-24	0.27	-925 lbs	-925 lbs
27-29	0.23	-1524 lbs	-1524 lbs	17-19	0.19	1034 lbs	-604 lbs	4-5	0.01	109 lbs	-54 lbs
27-28	0.31	-1524 lbs	-1524 lbs	19-21	0.21	1034 lbs	-604 lbs	5-25	0.02	109 lbs	-54 lbs
28-32	0.30	-894 lbs	-894 lbs	21-23	0.19	961 lbs	-561 lbs	26-27	0.36	-1393 lbs	-1393 lbs
9-32	0.01	118 lbs	-7 lbs	5-23	0.19	607 lbs	-355 lbs	10-28	0.28	-1850 lbs	-1850 lbs
								25-30	0.63	-1185 lbs	-1185 lbs
								29-30	0.18	690 lbs	-425 lbs
								11-13	0.30	1380 lbs	-798 lbs
								31-32	0.00	57 lbs	-12 lbs
								7-12	0.46	1606 lbs	-923 lbs
								14-15	0.29	1212 lbs	-712 lbs
								16-17	0.22	953 lbs	-560 lbs
								18-19	0.08	372 lbs	-220 lbs
								20-21	0.05	-136 lbs	-136 lbs
								21-24	0.15	656 lbs	-383 lbs
								23-25	0.25	1081 lbs	-631 lbs
								26-28	0.12	1538 lbs	-737 lbs
								27-30	0.09	617 lbs	-305 lbs

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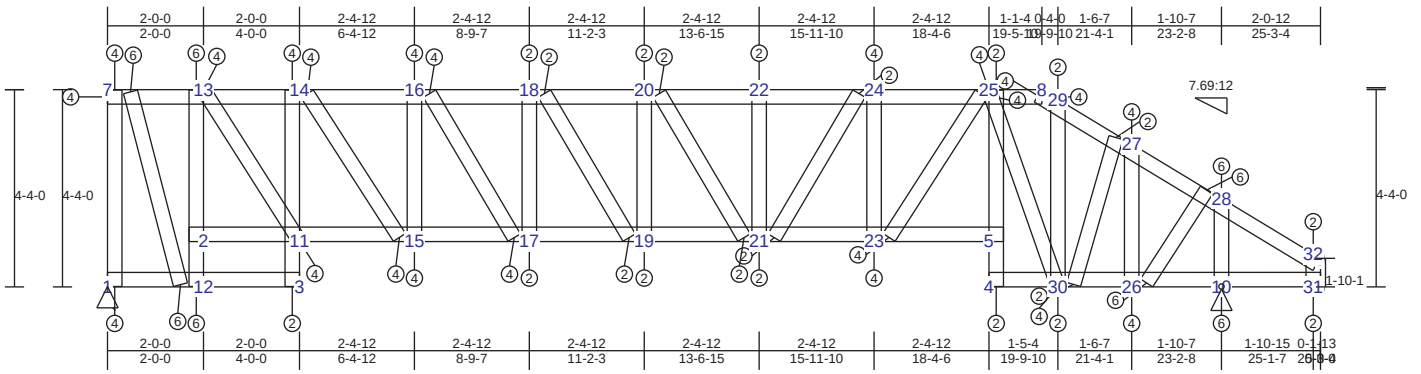
TRUSS TC13 (spacing 24 in)



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.Member 10-28 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.Member 31-32 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 :	0.37 (7 - 13)	TL(V): 0.08 in.	L / 999	(19-21)	L / 360
BC :	0.54 (1 - 12)	LL(V): 0.04 in.	L / 999	(19-21)	L / 360
Web :	0.67 (1 - 7)	DL(V): 0.04 in.	L / 999	(19-21)	L / 0
		Cant / OH TL: 0.04 in.	2L / 999	(19-21)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 999	(19-21)	2L / 360
		Horiz TL: -0.01 in.		29	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(18-20)	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	(18-20)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		1470 lbs	1660 lbs	0 lbs	-360 lbs	1470 lbs
10	Pin		-1400 lbs	1920 lbs	0 lbs	-210 lbs	-1400 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
4-5-8	25-3-4

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 = 15.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-13	0.37	-410 lbs	-410 lbs	1-12	0.54	-1469 lbs	-1469 lbs	1-7	0.67	-1373 lbs	-1373 lbs
13-14	0.25	-1152 lbs	-1152 lbs	3-12	0.36	-542 lbs	-542 lbs	2-12	0.29	-2144 lbs	-2144 lbs
14-16	0.23	-1777 lbs	-1777 lbs	4-30	0.22	-366 lbs	-366 lbs	2-13	0.44	-2144 lbs	-2144 lbs
16-18	0.26	-2265 lbs	-2265 lbs	26-30	0.28	-541 lbs	-541 lbs	3-11	0.18	245 lbs	-117 lbs
18-20	0.25	-2458 lbs	-2458 lbs	10-26	0.46	-1393 lbs	-1393 lbs	11-14	0.31	-1433 lbs	-1433 lbs
20-22	0.22	-2458 lbs	-2458 lbs	10-31	0.42	-1393 lbs	-1393 lbs	15-16	0.35	-1199 lbs	-1199 lbs
22-24	0.25	-2394 lbs	-2394 lbs	6-31	0.01	4 lbs	0 lbs	17-18	0.21	-732 lbs	-732 lbs
24-25	0.25	-2071 lbs	-2071 lbs	2-11	0.39	-1086 lbs	-1086 lbs	19-20	0.06	-201 lbs	-201 lbs
8-25	0.19	-1497 lbs	-1497 lbs	11-15	0.24	-329 lbs	-329 lbs	21-22	0.09	-312 lbs	-312 lbs
8-29	0.17	-956 lbs	-956 lbs	15-17	0.24	796 lbs	-407 lbs	23-24	0.29	-984 lbs	-984 lbs
27-29	0.24	-1615 lbs	-1615 lbs	17-19	0.16	989 lbs	-507 lbs	26-27	0.38	-1487 lbs	-1487 lbs
27-28	0.33	-1615 lbs	-1615 lbs	19-21	0.17	989 lbs	-507 lbs	10-28	0.30	-2001 lbs	-2001 lbs
28-32	0.33	-956 lbs	-956 lbs	21-23	0.20	925 lbs	-474 lbs	29-30	0.16	695 lbs	-381 lbs
9-32	0.01	138 lbs	-8 lbs	5-23	0.20	602 lbs	-309 lbs	4-5	0.01	115 lbs	-49 lbs
								5-25	0.02	115 lbs	-49 lbs
								25-30	0.65	-1219 lbs	-1219 lbs
								11-13	0.28	1472 lbs	-749 lbs
								31-32	0.00	56 lbs	-14 lbs
								7-12	0.44	1724 lbs	-874 lbs
								14-15	0.24	1227 lbs	-633 lbs
								16-17	0.19	1003 lbs	-519 lbs
								18-19	0.07	398 lbs	-206 lbs
								20-21	0.05	-132 lbs	-132 lbs
								21-24	0.12	665 lbs	-341 lbs
								23-25	0.21	1104 lbs	-567 lbs
								26-28	0.11	1632 lbs	-670 lbs
								27-30	0.09	654 lbs	-271 lbs

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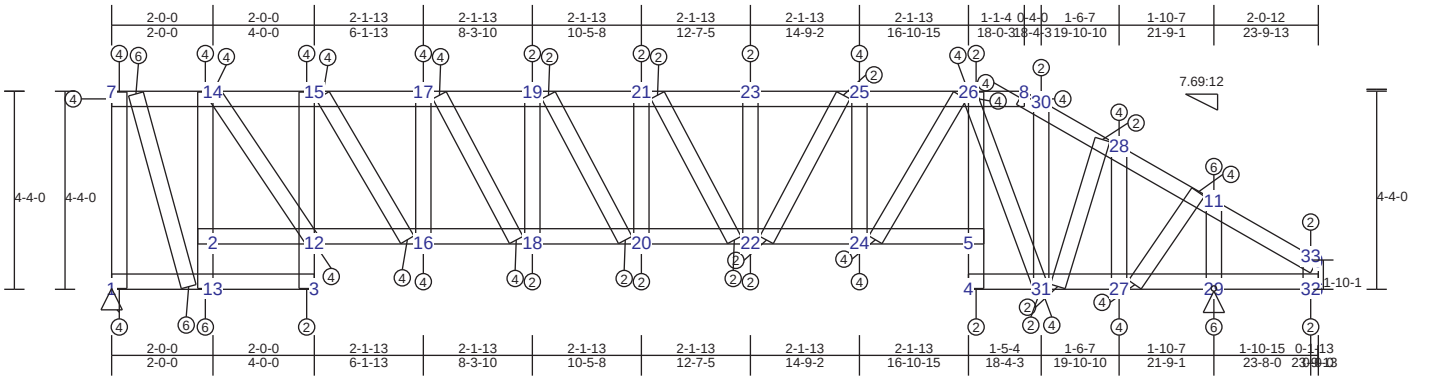
TRUSS TC14 (spacing 24 in)



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.Member 10-11 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.Member 32-33 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 :	0.35 (7 - 14)	TL(V): 0.07 in.	L / 999	(19-21)	L / 360
BC :	0.49 (1 - 13)	LL(V): 0.03 in.	L / 999	(19-21)	L / 360
Web :	0.63 (1 - 7)	DL(V): 0.04 in.	L / 999	(20-22)	L / 0
		Cant / OH TL: 0.03 in.	2L / 999	(19-21)	2L / 360
		Cant / OH LL: 0.03 in.	2L / 999	(19-21)	2L / 360
		Horiz TL: -0.01 in.		30	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(19-21)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(19-21)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		1320 lbs	1560 lbs	0 lbs	-330 lbs	1320 lbs
10	Pin		-1240 lbs	1820 lbs	0 lbs	-180 lbs	-1240 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
4-5-8	23-9-13

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 = 15.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-30	0.16	-894 lbs	-894 lbs	1-13	0.49	-1324 lbs	-1324 lbs	10-11	0.28	-1875 lbs	-1875 lbs
28-30	0.21	-1493 lbs	-1493 lbs	3-13	0.33	-483 lbs	-483 lbs	1-7	0.63	-1300 lbs	-1300 lbs
11-28	0.30	-1493 lbs	-1493 lbs	4-31	0.20	-301 lbs	-301 lbs	2-13	0.26	-2004 lbs	-2004 lbs
11-33	0.31	-891 lbs	-891 lbs	27-31	0.25	-458 lbs	-458 lbs	2-14	0.40	-2004 lbs	-2004 lbs
9-33	0.01	136 lbs	-9 lbs	10-27	0.42	-1241 lbs	-1241 lbs	3-12	0.16	231 lbs	-109 lbs
7-14	0.35	-386 lbs	-386 lbs	10-32	0.38	-1241 lbs	-1241 lbs	12-15	0.28	-1307 lbs	-1307 lbs
14-15	0.23	-1082 lbs	-1082 lbs	6-32	0.01	0 lbs	0 lbs	16-17	0.33	-1128 lbs	-1128 lbs
15-17	0.20	-1578 lbs	-1578 lbs	2-12	0.34	-957 lbs	-957 lbs	18-19	0.20	-700 lbs	-700 lbs
17-19	0.23	-1977 lbs	-1977 lbs	12-16	0.22	254 lbs	-250 lbs	20-21	0.05	-192 lbs	-192 lbs
19-21	0.21	-2139 lbs	-2139 lbs	16-18	0.22	653 lbs	-333 lbs	22-23	0.08	-283 lbs	-283 lbs
21-23	0.19	-2139 lbs	-2139 lbs	18-20	0.14	815 lbs	-417 lbs	24-25	0.26	-909 lbs	-909 lbs
23-25	0.21	-2092 lbs	-2092 lbs	20-22	0.14	815 lbs	-417 lbs	4-5	0.02	107 lbs	-44 lbs
25-26	0.23	-1839 lbs	-1839 lbs	22-24	0.18	768 lbs	-393 lbs	5-26	0.03	107 lbs	-44 lbs
8-26	0.17	-1379 lbs	-1379 lbs	5-24	0.18	515 lbs	-263 lbs	27-28	0.35	-1373 lbs	-1373 lbs
								12-14	0.26	1376 lbs	-699 lbs
								26-31	0.58	-1091 lbs	-1091 lbs
								30-31	0.14	617 lbs	-340 lbs
								32-33	0.00	54 lbs	-16 lbs
								7-13	0.41	1624 lbs	-823 lbs
								15-16	0.20	1084 lbs	-559 lbs
								17-18	0.16	931 lbs	-482 lbs
								19-20	0.07	377 lbs	-196 lbs
								21-22	0.04	-115 lbs	-115 lbs
								22-25	0.10	589 lbs	-302 lbs
								24-26	0.18	989 lbs	-507 lbs
								11-27	0.10	1500 lbs	-602 lbs
								28-31	0.08	597 lbs	-248 lbs

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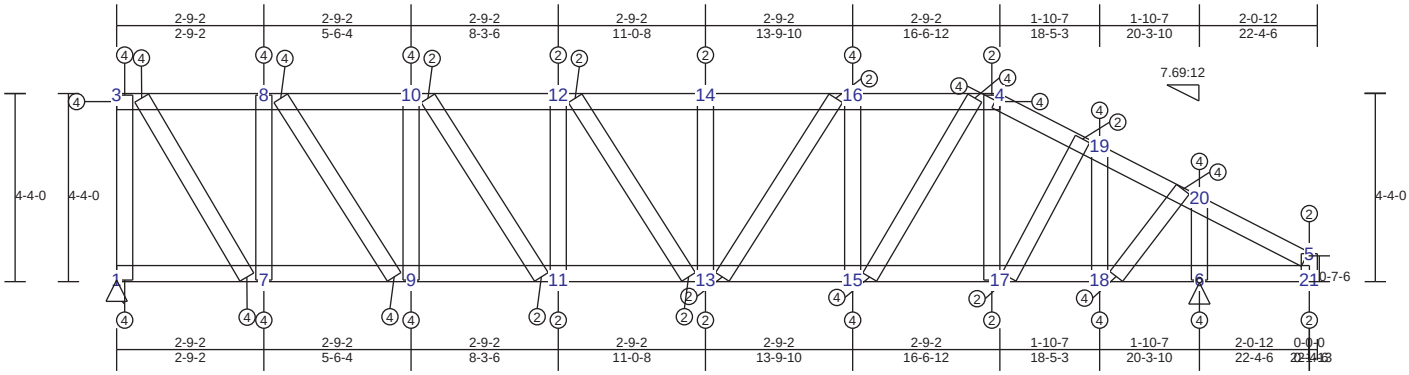
TRUSS TC15 (spacing 24 in)



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 :	0.32 (3 - 8)	TL(V): 0.04 in.	L / 999	(12-14)	L / 360
BC :	0.32 (1 - 7)	LL(V): 0.03 in.	L / 999	(12-14)	L / 360
Web :	0.76 (7 - 8)	DL(V): 0.02 in.	L / 999	(11-13)	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 -0.03 in.	L / 999	(12-14)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	(20-5)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-800 lbs	1500 lbs	0 lbs	-450 lbs	-800 lbs
6	Pin		-800 lbs	1500 lbs	0 lbs	-510 lbs	-800 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
4-4-0	22-6-2

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.32	-641 lbs	-641 lbs	1-7	0.32	-881 lbs	-881 lbs	1-3	0.58	-1210 lbs	-1210 lbs
8-10	0.26	-1180 lbs	-1180 lbs	7-9	0.32	300 lbs	-240 lbs	7-8	0.76	-1543 lbs	-1543 lbs
10-12	0.18	-1456 lbs	-1456 lbs	9-11	0.17	575 lbs	-322 lbs	9-10	0.42	-887 lbs	-887 lbs
12-14	0.17	-1508 lbs	-1508 lbs	11-13	0.12	627 lbs	-349 lbs	11-12	0.20	-436 lbs	-436 lbs
14-16	0.20	-1508 lbs	-1508 lbs	13-15	0.17	627 lbs	-349 lbs	13-14	0.14	-296 lbs	-296 lbs
4-16	0.27	-1325 lbs	-1325 lbs	15-17	0.17	444 lbs	-239 lbs	15-16	0.40	-838 lbs	-838 lbs
4-19	0.15	-1199 lbs	-1199 lbs	17-18	0.21	-176 lbs	-176 lbs	4-17	0.17	-361 lbs	-361 lbs
19-20	0.24	-1199 lbs	-1199 lbs	6-18	0.27	-796 lbs	-796 lbs	18-19	0.28	-1085 lbs	-1085 lbs
5-20	0.25	-726 lbs	-726 lbs	2-6	0.25	-796 lbs	-796 lbs	2-5	0.00	85 lbs	-16 lbs
								6-20	0.23	-1523 lbs	-1523 lbs
								3-7	0.50	1507 lbs	-884 lbs
								8-9	0.40	1191 lbs	-691 lbs
								10-11	0.20	609 lbs	-350 lbs
								12-13	0.05	114 lbs	-83 lbs
								13-16	0.14	405 lbs	-242 lbs
								4-15	0.31	939 lbs	-563 lbs
								17-19	0.10	553 lbs	-294 lbs
								18-20	0.06	1194 lbs	-297 lbs

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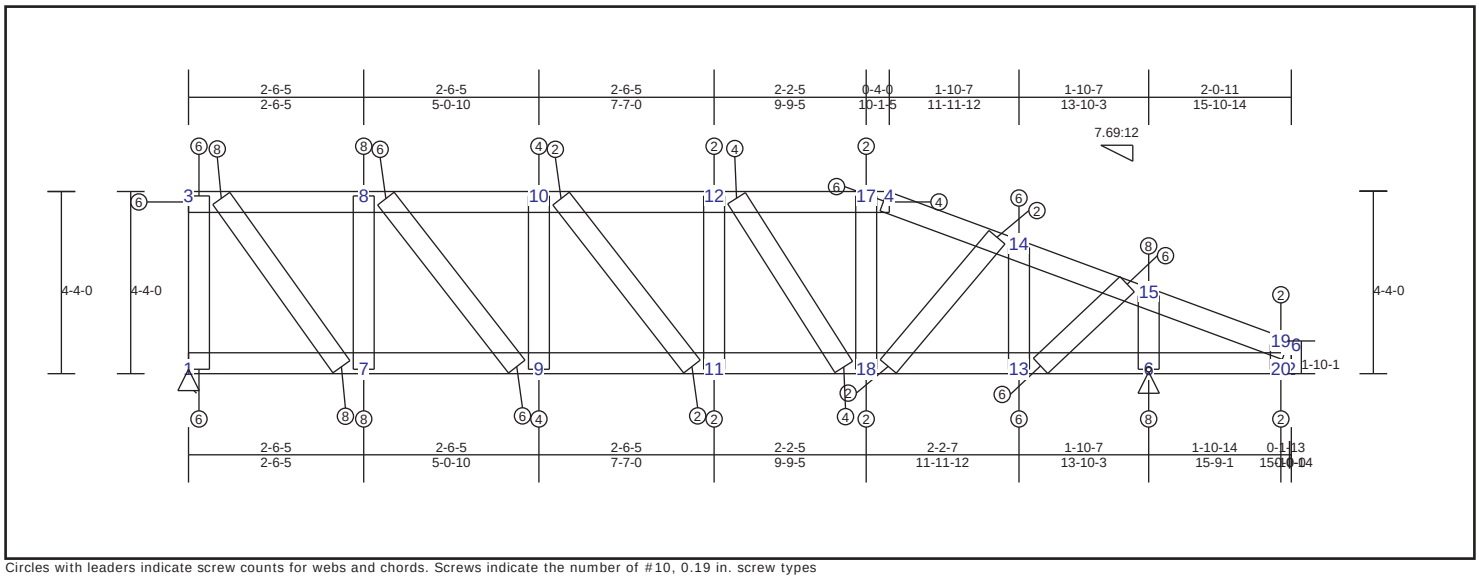
TRUSS TC16 (spacing 24 in)



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.

Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.72 (3 - 8)	TL(V): 0.04 in.	L / 999	(10-12)	L / 360
BC :	0.73 (1 - 7)	LL(V): 0.02 in.	L / 999	(10-12)	L / 360
Web :	0.97 (7 - 8)	DL(V): 0.02 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 -0.02 in.	L / 999	(10-12)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 4	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-390 lbs	1280 lbs	0 lbs	-60 lbs	-390 lbs
6	Pin		-390 lbs	1280 lbs	0 lbs	-100 lbs	-390 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
4-4-0	15-10-14

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 = 15.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.72	-426 lbs	-426 lbs	1-7	0.73	-461 lbs	-461 lbs	1-3	0.77	-940 lbs	-940 lbs
8-10	0.56	-728 lbs	-728 lbs	7-9	0.73	266 lbs	-124 lbs	7-8	0.97	-1159 lbs	-1159 lbs
10-12	0.26	-782 lbs	-782 lbs	9-11	0.32	320 lbs	-151 lbs	9-10	0.40	-499 lbs	-499 lbs
12-17	0.23	-782 lbs	-782 lbs	11-18	0.24	320 lbs	-151 lbs	11-12	0.04	118 lbs	-49 lbs
4-17	0.21	-648 lbs	-648 lbs	13-18	0.46	187 lbs	-87 lbs	13-14	0.34	-772 lbs	-772 lbs
4-14	0.29	-838 lbs	-838 lbs	6-13	0.46	-392 lbs	-392 lbs	6-15	0.44	-1203 lbs	-1203 lbs
14-15	0.54	-838 lbs	-838 lbs	6-20	0.21	-392 lbs	-392 lbs	17-18	0.08	190 lbs	-106 lbs
15-19	0.60	-546 lbs	-546 lbs	2-20	0.03	0 lbs	0 lbs	19-20	0.01	52 lbs	-31 lbs
5-19	0.02	124 lbs	-14 lbs					3-7	0.53	1118 lbs	-579 lbs
								8-9	0.35	736 lbs	-376 lbs
								10-11	0.10	136 lbs	-113 lbs
								13-15	0.10	795 lbs	-241 lbs
								14-18	0.08	340 lbs	-135 lbs
								12-18	0.34	-388 lbs	-388 lbs

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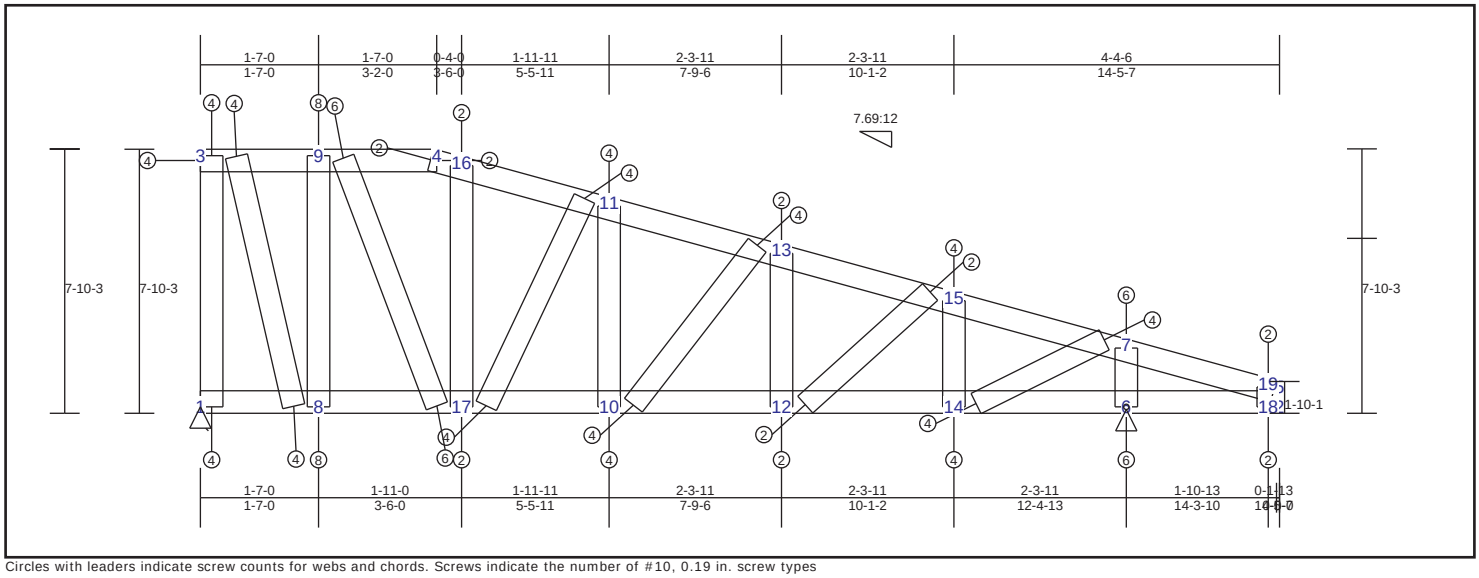
TRUSS TC17 (spacing 24 in)



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.

Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.63 (9 - 4)	TL(V): 0.04 in.	L / 999	(17-10)	L / 360
BC :	0.70 (1 - 8)	LL(V): 0.02 in.	L / 999	(17-10)	L / 360
Web :	0.96 (8 - 9)	DL(V): 0.02 in.	L / 999	(17-10)	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 -0.03 in.	L / 999	(17-10)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 4	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		310 lbs	970 lbs	0 lbs	-160 lbs	310 lbs
6	Pin		-300 lbs	970 lbs	0 lbs	-160 lbs	-300 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
7-10-3	14-5-7

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.60	-66 lbs	-66 lbs	1-8	0.70	325 lbs	-313 lbs	1-3	0.96	-512 lbs	-512 lbs
4-9	0.63	-226 lbs	-226 lbs	8-17	0.70	277 lbs	-252 lbs	8-9	0.96	-1224 lbs	-1224 lbs
4-16	0.10	-335 lbs	-335 lbs	10-17	0.45	152 lbs	-101 lbs	10-11	0.96	561 lbs	-513 lbs
11-16	0.36	-335 lbs	-335 lbs	10-12	0.25	197 lbs	-106 lbs	12-13	0.19	-193 lbs	-193 lbs
11-13	0.34	-466 lbs	-466 lbs	12-14	0.25	197 lbs	-177 lbs	14-15	0.19	-375 lbs	-375 lbs
13-15	0.18	-546 lbs	-546 lbs	6-14	0.25	-304 lbs	-304 lbs	6-7	0.31	-867 lbs	-867 lbs
7-15	0.39	-546 lbs	-546 lbs	6-18	0.22	-304 lbs	-304 lbs	16-17	0.55	-197 lbs	-197 lbs
7-19	0.44	-386 lbs	-386 lbs	2-18	0.04	0 lbs	0 lbs	18-19	0.01	56 lbs	-31 lbs
5-19	0.02	104 lbs	-17 lbs					3-8	0.96	671 lbs	-492 lbs
								10-13	0.50	428 lbs	-417 lbs
								12-15	0.07	216 lbs	-103 lbs
								7-14	0.06	487 lbs	-11 lbs
								11-17	0.96	-672 lbs	-672 lbs
								9-17	0.96	1002 lbs	-783 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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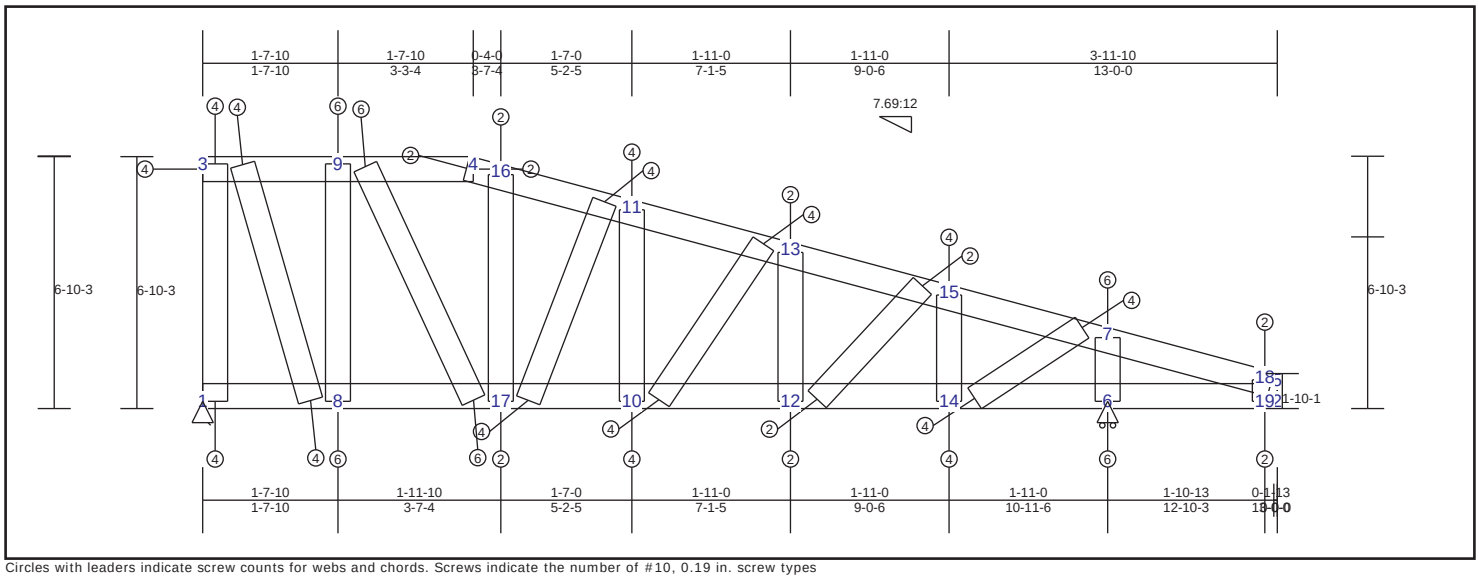
TRUSS TC18 (spacing 24 in)



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 :	0.51 (9 - 4)	TL(V): 0.03 in.	L / 999	(17-10)	L / 360
BC :	0.61 (1 - 8)	LL(V): 0.02 in.	L / 999	(17-10)	L / 360
Web :	0.96 (8 - 9)	DL(V): 0.01 in.	L / 999	10	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 -0.02 in.	L / 999	10	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 1	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		280 lbs	890 lbs	0 lbs	-160 lbs	280 lbs
6	HRoll		0 lbs	890 lbs	0 lbs	-160 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
6-10-3	13-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.50	-76 lbs	-76 lbs	1-8	0.61	453 lbs	-284 lbs	1-3	0.96	-501 lbs	-501 lbs
4-9	0.51	-229 lbs	-229 lbs	8-17	0.61	429 lbs	-244 lbs	8-9	0.96	-1041 lbs	-1041 lbs
4-16	0.09	-319 lbs	-319 lbs	10-17	0.35	372 lbs	-163 lbs	10-11	0.59	467 lbs	-453 lbs
11-16	0.28	-319 lbs	-319 lbs	10-12	0.23	324 lbs	-110 lbs	12-13	0.14	-176 lbs	-176 lbs
11-13	0.28	-411 lbs	-411 lbs	12-14	0.25	324 lbs	-45 lbs	14-15	0.18	-397 lbs	-397 lbs
13-15	0.15	-465 lbs	-465 lbs	6-14	0.25	246 lbs	-16 lbs	6-7	0.28	-776 lbs	-776 lbs
7-15	0.35	-465 lbs	-465 lbs	6-19	0.15	0 lbs	0 lbs	16-17	0.27	-139 lbs	-139 lbs
7-18	0.39	-341 lbs	-341 lbs	2-19	0.04	0 lbs	0 lbs	18-19	0.01	59 lbs	-37 lbs
5-18	0.02	102 lbs	-18 lbs					3-8	0.96	633 lbs	-461 lbs
								10-13	0.33	383 lbs	-348 lbs
								12-15	0.05	219 lbs	-81 lbs
								7-14	0.06	458 lbs	-29 lbs
								11-17	0.84	-551 lbs	-551 lbs
								9-17	0.96	803 lbs	-638 lbs

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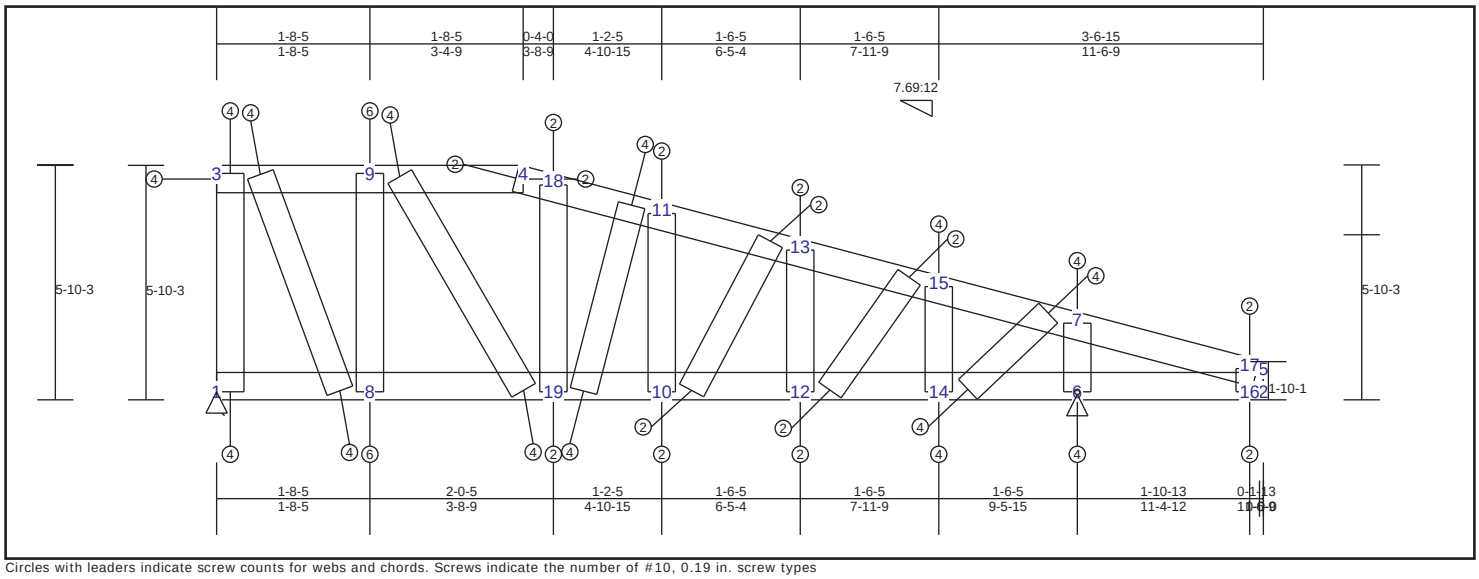
TRUSS TC19 (spacing 24 in)



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 :	0.40 (9 - 4)	TL(V): 0.02 in.	L / 999	(19-10)	L / 360
BC :	0.50 (1 - 8)	LL(V): 0.01 in.	L / 999	(19-10)	L / 360
Web :	0.85 (8 - 9)	DL(V): 0.01 in.	L / 999	(11-13)	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 -0.02 in.	L / 999	10	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-230 lbs	820 lbs	0 lbs	-170 lbs	-230 lbs
6	Pin		-230 lbs	820 lbs	0 lbs	-170 lbs	-230 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
5-10-3	11-6-9

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.39	-85 lbs	-85 lbs	1-8	0.50	213 lbs	-197 lbs	1-3	0.69	-470 lbs	-470 lbs
4-9	0.40	-225 lbs	-225 lbs	8-19	0.50	143 lbs	-117 lbs	8-9	0.85	-850 lbs	-850 lbs
4-18	0.07	-296 lbs	-296 lbs	10-19	0.24	87 lbs	-24 lbs	10-11	0.34	-353 lbs	-353 lbs
11-18	0.20	-296 lbs	-296 lbs	10-12	0.20	131 lbs	-94 lbs	12-13	0.12	-195 lbs	-195 lbs
11-13	0.21	-340 lbs	-340 lbs	12-14	0.25	131 lbs	-123 lbs	14-15	0.16	-423 lbs	-423 lbs
13-15	0.16	-385 lbs	-385 lbs	6-14	0.25	-230 lbs	-230 lbs	6-7	0.25	-683 lbs	-683 lbs
7-15	0.30	-385 lbs	-385 lbs	6-16	0.21	-230 lbs	-230 lbs	16-17	0.02	60 lbs	-43 lbs
7-17	0.34	-295 lbs	-295 lbs	2-16	0.04	0 lbs	0 lbs	18-19	0.12	-100 lbs	-100 lbs
5-17	0.02	99 lbs	-20 lbs					3-8	0.72	570 lbs	-472 lbs
								12-15	0.03	262 lbs	-69 lbs
								7-14	0.05	439 lbs	-63 lbs
								10-13	0.20	329 lbs	-267 lbs
								11-19	0.43	409 lbs	-397 lbs
								9-19	0.85	601 lbs	-529 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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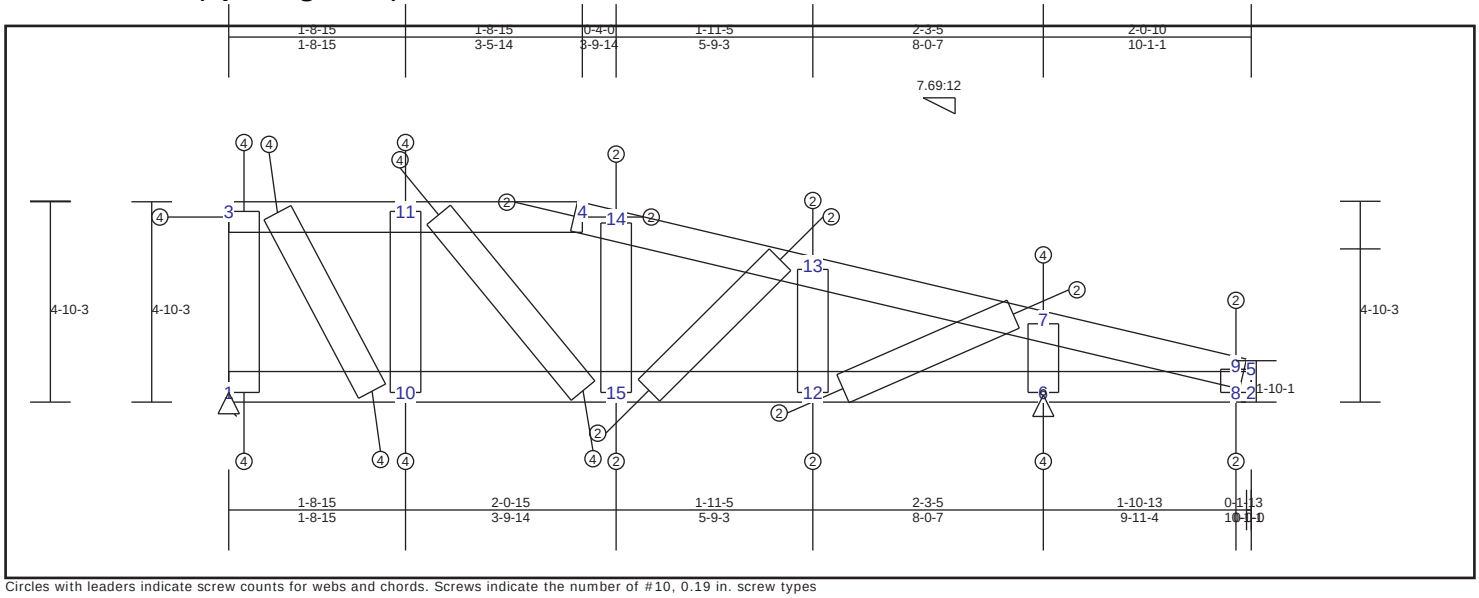
TRUSS TC20 (spacing 24 in)



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 :	0.32 (7 - 9)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.39 (1 - 10)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.63 (10 - 11)	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 -0.02 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 1	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-190 lbs	740 lbs	0 lbs	-150 lbs	-190 lbs
6	Pin		-190 lbs	740 lbs	0 lbs	-150 lbs	-190 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
4-10-3	10-1-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.31	-93 lbs	-93 lbs	1-10	0.39	162 lbs	-146 lbs	1-3	0.41	-420 lbs	-420 lbs
4-11	0.27	-201 lbs	-201 lbs	10-15	0.39	100 lbs	-59 lbs	10-11	0.63	-633 lbs	-633 lbs
4-14	0.05	-256 lbs	-256 lbs	12-15	0.14	104 lbs	-65 lbs	12-13	0.11	-216 lbs	-216 lbs
13-14	0.09	-257 lbs	-257 lbs	6-12	0.19	-185 lbs	-185 lbs	6-7	0.22	-603 lbs	-603 lbs
7-13	0.28	-258 lbs	-258 lbs	6-8	0.19	-185 lbs	-185 lbs	8-9	0.01	57 lbs	-40 lbs
7-9	0.32	-250 lbs	-250 lbs	2-8	0.04	0 lbs	0 lbs	14-15	0.12	-138 lbs	-138 lbs
5-9	0.02	99 lbs	-18 lbs					3-10	0.33	487 lbs	-328 lbs
								7-12	0.04	293 lbs	-61 lbs
								11-15	0.34	370 lbs	-321 lbs
								13-15	0.08	204 lbs	-126 lbs

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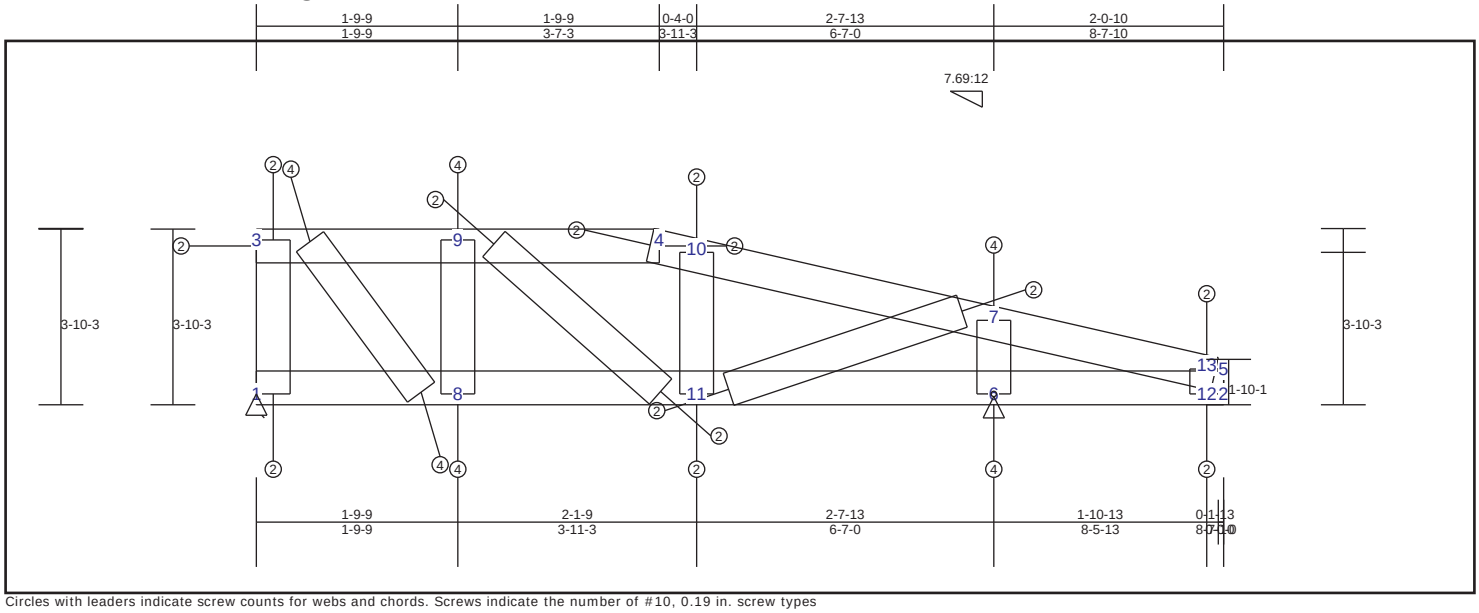
TRUSS TC21 (spacing 24 in)



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 (7 - 13)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.27 (1 - 8)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.25 (8 - 9)	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 -0.02 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-130 lbs	670 lbs	0 lbs	-170 lbs	-130 lbs
6	Pin		-130 lbs	670 lbs	0 lbs	-170 lbs	-130 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
3-10-3	8-7-10

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.25	-93 lbs	-93 lbs	1-8	0.27	128 lbs	-99 lbs	1-3	0.22	-346 lbs	-346 lbs
4-9	0.15	-151 lbs	-151 lbs	8-11	0.27	75 lbs	-30 lbs	8-9	0.25	-400 lbs	-400 lbs
4-10	0.05	-197 lbs	-197 lbs	6-11	0.17	-128 lbs	-128 lbs	6-7	0.19	-523 lbs	-523 lbs
7-10	0.26	-215 lbs	-215 lbs	6-12	0.17	-128 lbs	-128 lbs	12-13	0.01	55 lbs	-40 lbs
7-13	0.29	-208 lbs	-208 lbs	2-12	0.04	0 lbs	0 lbs	10-11	0.09	-165 lbs	-165 lbs
5-13	0.02	98 lbs	-18 lbs					3-8	0.21	365 lbs	-312 lbs
								9-11	0.13	-178 lbs	-178 lbs
								7-11	0.03	203 lbs	-75 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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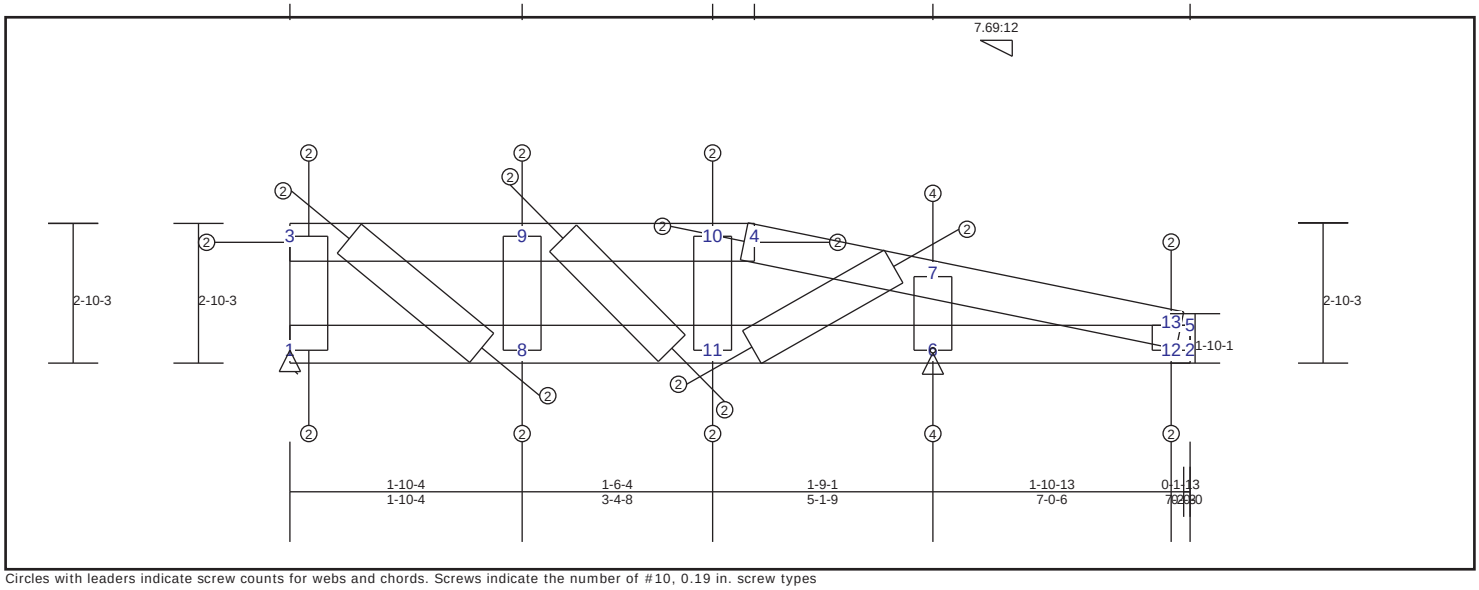
TRUSS TC22 (spacing 24 in)



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 (7 - 13)	TL(V): 0.01 in.	L / 999	5	L / 360
BC :	0.19 (11 - 6)	LL(V): 0.01 in.	L / 999	5	L / 360
Web :	0.15 (6 - 7)	DL(V): 0 in.	L / 999	3	L / 0
		Cant / OH TL: 0.01 in.	2L / 1	5	2L / 360
		Cant / OH LL: 0.01 in.	2L / 1	5	2L / 360
		Horiz TL: -0.01 in.		5	
		Web :			
		Snow/Wind -0.02 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 1	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Fixed		-70 lbs	600 lbs	0 lbs	-70 lbs	-70 lbs
6	Pin		-110 lbs	600 lbs	0 lbs	-130 lbs	-110 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
2-10-3	7-2-3

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.17	-77 lbs	-77 lbs	1-8	0.16	71 lbs	-64 lbs	1-3	0.09	-240 lbs	-240 lbs
9-10	0.09	-79 lbs	-79 lbs	8-11	0.16	41 lbs	-10 lbs	8-9	0.08	-219 lbs	-219 lbs
4-10	0.07	-79 lbs	-79 lbs	6-11	0.19	-107 lbs	-107 lbs	6-7	0.15	-417 lbs	-417 lbs
4-7	0.21	-157 lbs	-157 lbs	6-12	0.19	-107 lbs	-107 lbs	12-13	0.02	65 lbs	-52 lbs
7-13	0.24	-157 lbs	-157 lbs	2-12	0.04	0 lbs	0 lbs	10-11	0.04	-101 lbs	-101 lbs
5-13	0.02	96 lbs	-23 lbs					3-8	0.07	214 lbs	-166 lbs
								7-11	0.04	261 lbs	-96 lbs
								9-11	0.02	-54 lbs	-54 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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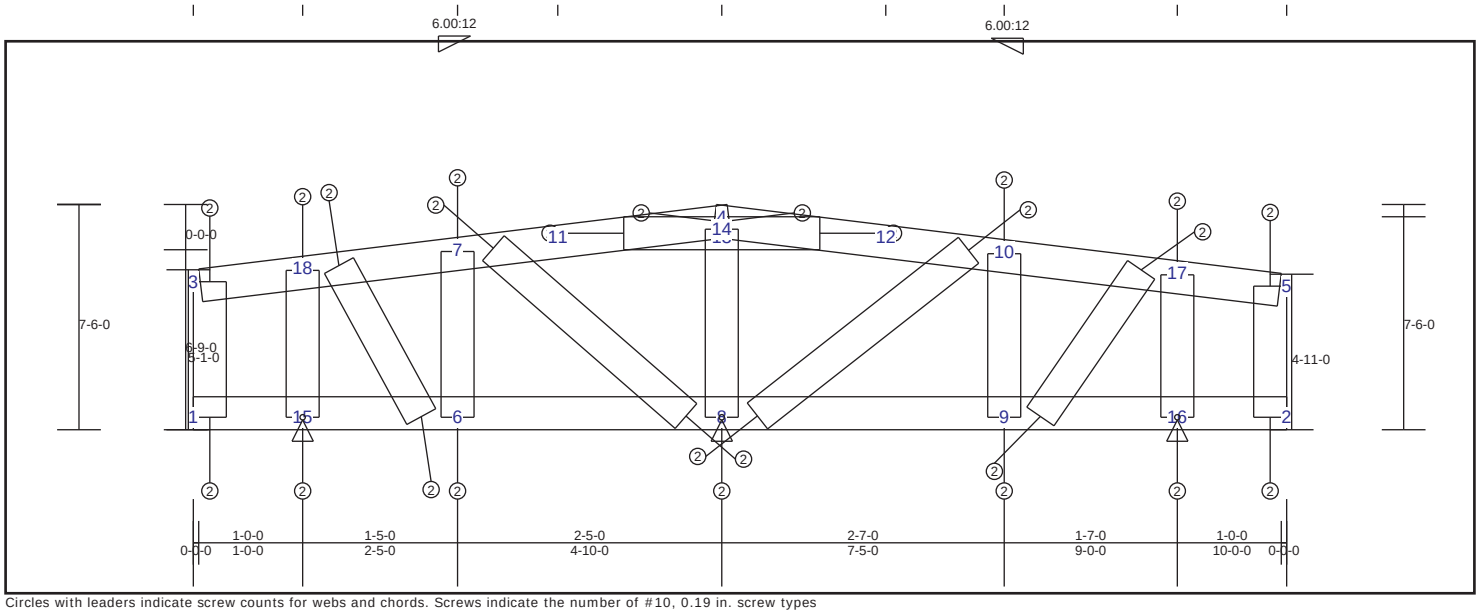
TRUSS TC23 (spacing 24 in)



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 :	0.10 (12 - 10)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.18 (6 - 8)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.38 (8 - 10)	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 -0.01 in.	L / 999	(11-4)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
8	Pin		-70 lbs	690 lbs	0 lbs	-70 lbs	-70 lbs
15	Pin		-70 lbs	690 lbs	0 lbs	-70 lbs	-70 lbs
16	Pin		-70 lbs	690 lbs	0 lbs	-70 lbs	-70 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
7-6-0	10-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-18	0.06	-59 lbs	-59 lbs	1-15	0.06	-14 lbs	-14 lbs	1-3	0.04	-39 lbs	-39 lbs
7-18	0.06	102 lbs	-59 lbs	6-15	0.06	-14 lbs	-14 lbs	6-7	0.11	112 lbs	-68 lbs
7-11	0.08	107 lbs	-66 lbs	6-8	0.18	65 lbs	-51 lbs	9-10	0.15	112 lbs	-94 lbs
4-11	0.05	-144 lbs	-144 lbs	8-9	0.18	65 lbs	-51 lbs	2-5	0.03	35 lbs	-34 lbs
4-12	0.05	-141 lbs	-141 lbs	9-16	0.07	-19 lbs	-19 lbs	15-18	0.20	-160 lbs	-160 lbs
10-12	0.10	117 lbs	-65 lbs	2-16	0.06	-19 lbs	-19 lbs	16-17	0.24	-200 lbs	-200 lbs
10-17	0.07	106 lbs	-69 lbs					11-13	0.17	168 lbs	-44 lbs
5-17	0.08	-69 lbs	-69 lbs					12-13	0.17	168 lbs	-44 lbs
								8-13	0.13	-257 lbs	-257 lbs
								13-14	0.05	-257 lbs	-257 lbs
								7-8	0.36	186 lbs	-179 lbs
								8-10	0.38	219 lbs	-192 lbs
								9-17	0.10	133 lbs	-80 lbs
								6-18	0.09	102 lbs	-67 lbs

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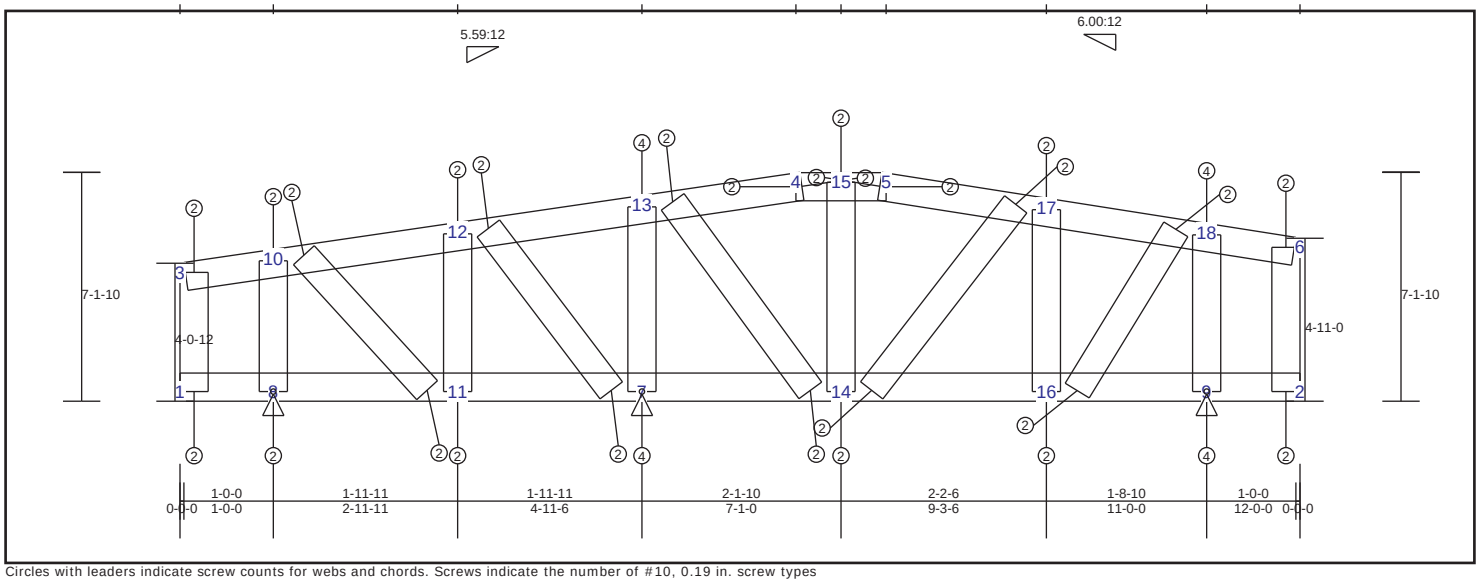
TRUSS TC24 (spacing 24 in)



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 :	0.23 (12 - 13)	TL(V): 0 in.	L / 999	(4-15)	L / 360
BC :	0.17 (14 - 16)	LL(V): 0 in.	L / 999	(4-15)	L / 360
Web :	0.86 (7 - 13)	DL(V): 0 in.	L / 999	(4-15)	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.		6	
		Web :			
		Snow/Wind 0 in.	L / 999	(4-15)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	Pin		60 lbs	670 lbs	0 lbs	-60 lbs	60 lbs
8	Pin		60 lbs	670 lbs	0 lbs	-60 lbs	60 lbs
9	Pin		60 lbs	670 lbs	0 lbs	-60 lbs	60 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
7-1-10	12-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-15	0.07	148 lbs	-138 lbs	1-8	0.04	-30 lbs	-30 lbs	1-3	0.01	31 lbs	-21 lbs
5-15	0.07	148 lbs	-138 lbs	8-11	0.08	-30 lbs	-30 lbs	8-10	0.22	-259 lbs	-259 lbs
5-17	0.07	-147 lbs	-147 lbs	7-11	0.15	62 lbs	-36 lbs	11-12	0.14	-119 lbs	-119 lbs
17-18	0.21	-174 lbs	-174 lbs	7-14	0.15	62 lbs	-36 lbs	7-13	0.86	-462 lbs	-462 lbs
6-18	0.22	-174 lbs	-174 lbs	14-16	0.17	28 lbs	-22 lbs	14-15	0.42	-176 lbs	-176 lbs
3-10	0.11	-82 lbs	-82 lbs	9-16	0.17	30 lbs	-25 lbs	16-17	0.38	-225 lbs	-225 lbs
10-12	0.10	-82 lbs	-82 lbs	2-9	0.03	30 lbs	-25 lbs	9-18	0.57	-467 lbs	-467 lbs
12-13	0.23	-179 lbs	-179 lbs					2-6	0.01	22 lbs	-9 lbs
4-13	0.21	-179 lbs	-179 lbs					10-11	0.05	159 lbs	-48 lbs
								7-12	0.20	230 lbs	-149 lbs
								16-18	0.19	280 lbs	-143 lbs
								13-14	0.25	234 lbs	-126 lbs
								14-17	0.10	110 lbs	-50 lbs

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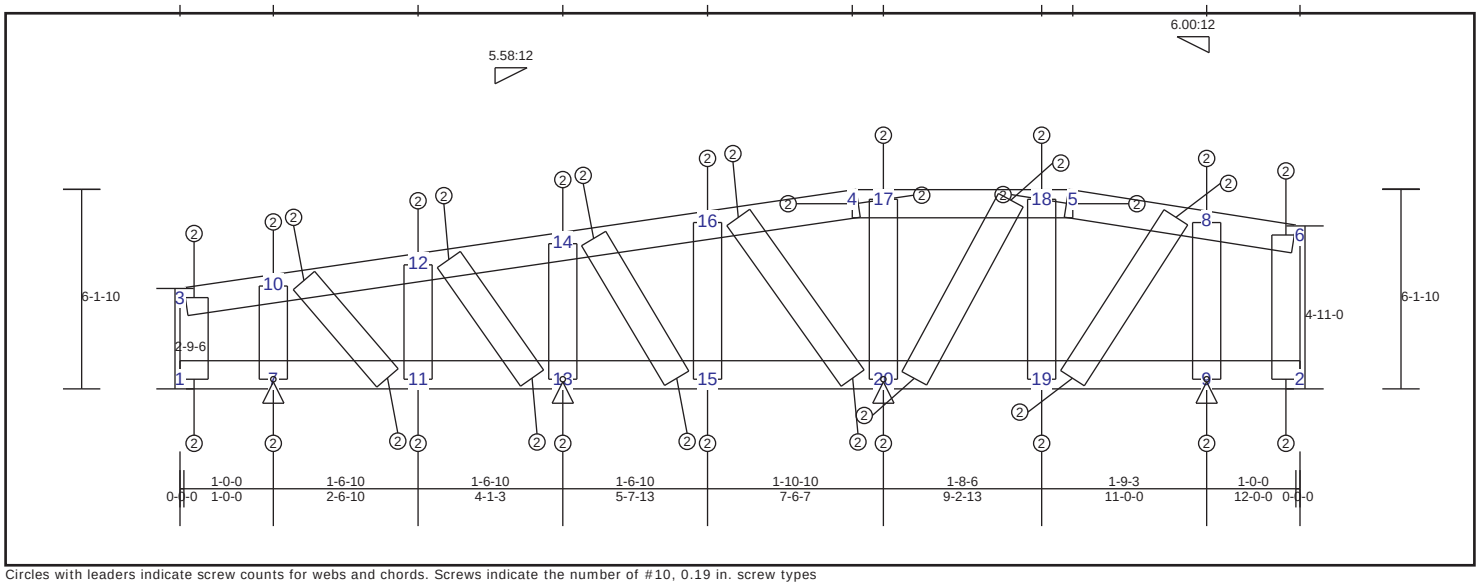
TRUSS TC25 (spacing 24 in)



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 (12 - 14)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.17 (15 - 20)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.27 (20 - 18)	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	(4-17)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	Pin		40 lbs	540 lbs	0 lbs	-10 lbs	40 lbs
9	Pin		40 lbs	540 lbs	0 lbs	-10 lbs	40 lbs
13	Pin		40 lbs	540 lbs	0 lbs	-10 lbs	40 lbs
20	Pin		40 lbs	540 lbs	0 lbs	-10 lbs	40 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
6-1-10	12-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-10	0.10	-55 lbs	-55 lbs	1-7	0.06	-44 lbs	-44 lbs	1-3	0.01	42 lbs	-32 lbs
10-12	0.12	-55 lbs	-55 lbs	7-11	0.12	-44 lbs	-44 lbs	7-10	0.10	-205 lbs	-205 lbs
12-14	0.12	54 lbs	-46 lbs	11-13	0.16	70 lbs	-42 lbs	11-12	0.13	-198 lbs	-198 lbs
14-16	0.07	72 lbs	-56 lbs	13-15	0.16	70 lbs	-42 lbs	13-14	0.14	-154 lbs	-154 lbs
4-16	0.10	95 lbs	-54 lbs	15-20	0.17	50 lbs	-37 lbs	15-16	0.13	-110 lbs	-110 lbs
4-17	0.06	87 lbs	-57 lbs	19-20	0.17	50 lbs	-37 lbs	8-9	0.23	-197 lbs	-197 lbs
17-18	0.09	87 lbs	-61 lbs	9-19	0.05	8 lbs	-5 lbs	2-6	0.03	-32 lbs	-32 lbs
5-18	0.06	84 lbs	-61 lbs	2-9	0.05	8 lbs	-4 lbs	17-20	0.22	-138 lbs	-138 lbs
5-8	0.07	82 lbs	-75 lbs					18-19	0.09	103 lbs	-55 lbs
6-8	0.08	-75 lbs	-75 lbs					10-11	0.06	240 lbs	-106 lbs
								12-13	0.13	256 lbs	-176 lbs
								14-15	0.07	148 lbs	-72 lbs
								16-20	0.22	211 lbs	-170 lbs
								8-19	0.09	-67 lbs	-67 lbs
								18-20	0.27	-159 lbs	-159 lbs

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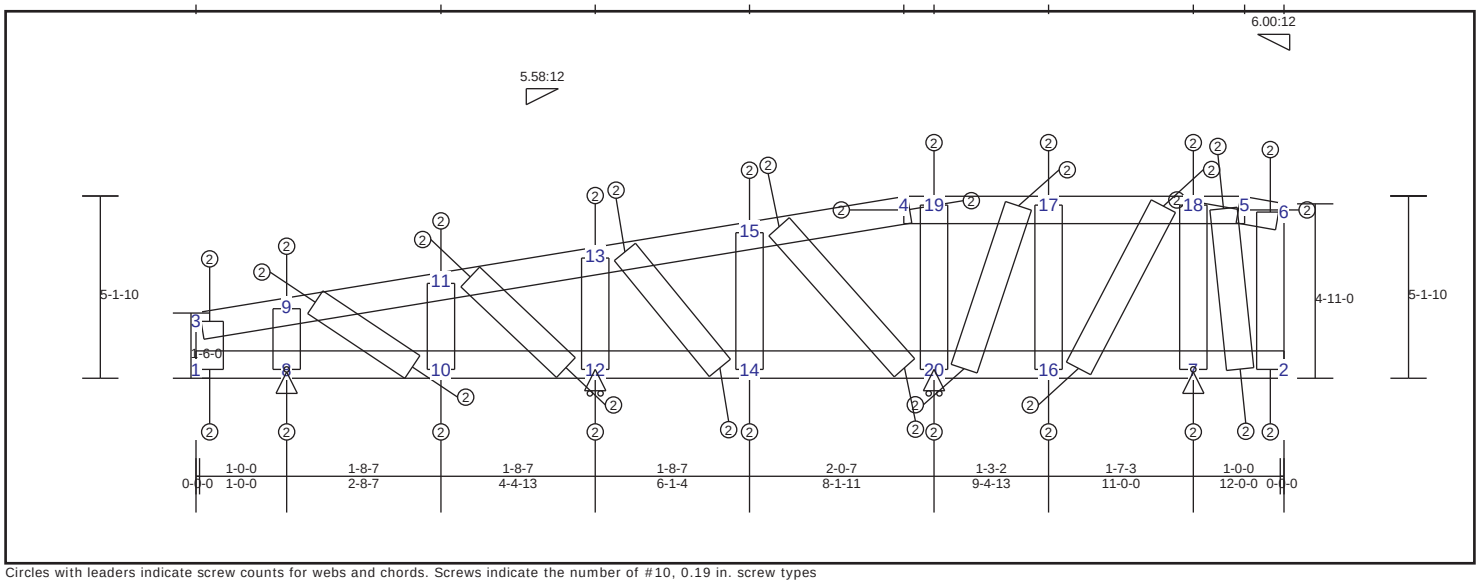
TRUSS TC26 (spacing 24 in)



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	3	L / 360
BC :	0.16 (14 - 20)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.17 (15 - 20)	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.		6	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	Pin		170 lbs	510 lbs	0 lbs	0 lbs	170 lbs
8	Pin		170 lbs	510 lbs	0 lbs	0 lbs	170 lbs
12	HRoll		170 lbs	510 lbs	0 lbs	0 lbs	170 lbs
20	HRoll		170 lbs	510 lbs	0 lbs	0 lbs	170 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
5-1-10	12-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.12	-70 lbs	-70 lbs	1-8	0.12	-170 lbs	-170 lbs	1-3	0.01	38 lbs	-26 lbs
9-11	0.12	-76 lbs	-76 lbs	8-10	0.12	-170 lbs	-170 lbs	8-9	0.09	-240 lbs	-240 lbs
11-13	0.11	-76 lbs	-76 lbs	10-12	0.14	-78 lbs	-78 lbs	10-11	0.06	-166 lbs	-166 lbs
13-15	0.07	-69 lbs	-69 lbs	12-14	0.14	37 lbs	-20 lbs	12-13	0.11	-195 lbs	-195 lbs
4-15	0.09	-37 lbs	-37 lbs	14-20	0.16	91 lbs	-70 lbs	14-15	0.05	-70 lbs	-70 lbs
5-6	0.01	16 lbs	-12 lbs	16-20	0.16	91 lbs	-70 lbs	16-17	0.05	77 lbs	-47 lbs
4-19	0.07	25 lbs	-8 lbs	7-16	0.07	89 lbs	-61 lbs	7-18	0.14	-130 lbs	-130 lbs
17-19	0.07	25 lbs	-11 lbs	2-7	0.07	89 lbs	-59 lbs	2-6	0.04	-39 lbs	-39 lbs
17-18	0.05	18 lbs	-11 lbs					19-20	0.16	-149 lbs	-149 lbs
5-18	0.05	17 lbs	-11 lbs					9-10	0.04	229 lbs	-113 lbs
								11-12	0.08	234 lbs	-187 lbs
								13-14	0.04	121 lbs	-62 lbs
								16-18	0.05	-43 lbs	-43 lbs
								2-18	0.01	-13 lbs	-13 lbs
								17-20	0.12	-114 lbs	-114 lbs
								15-20	0.17	195 lbs	-183 lbs

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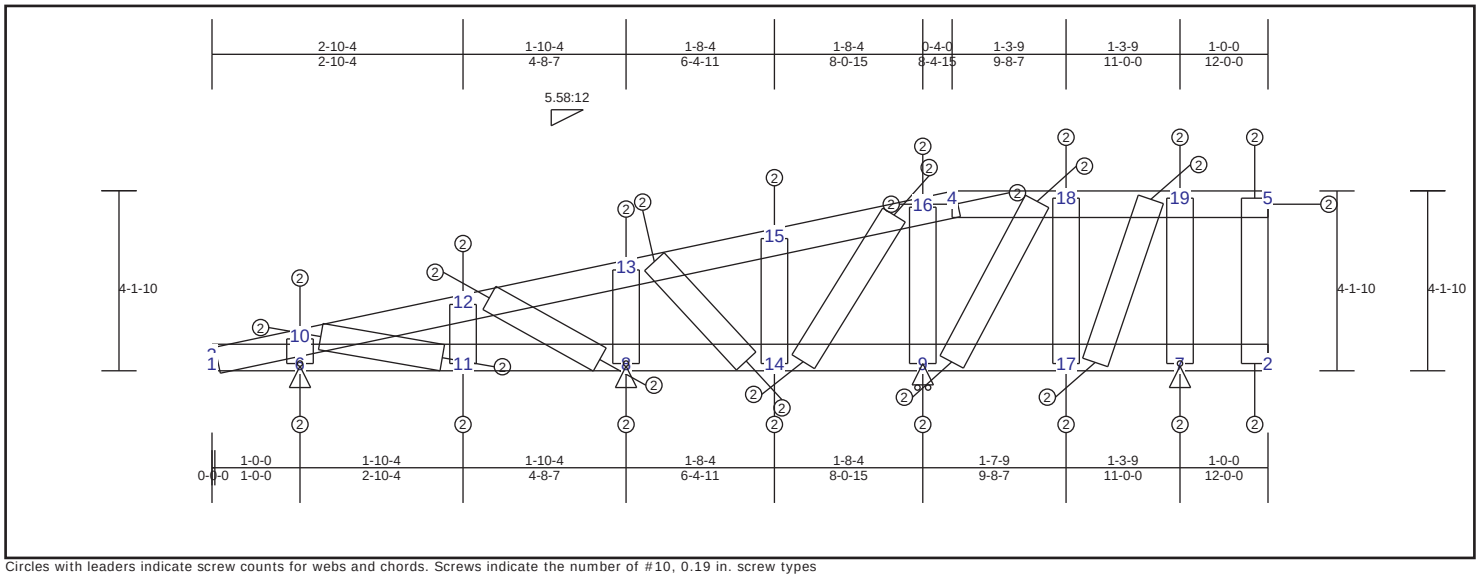
TRUSS TC27 (spacing 24 in)



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 - 10)	TL(V): 0 in.	L / 999	(4-18)	L / 360
BC :	0.13 (11 - 8)	LL(V): 0 in.	L / 999	(4-18)	L / 360
Web :	0.16 (9 - 16)	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 in.		15	
		Web :			
		Snow/Wind 0 in.	L / 999	(4-18)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		-140 lbs	490 lbs	0 lbs	-20 lbs	-140 lbs
7	Pin		-140 lbs	490 lbs	0 lbs	-20 lbs	-140 lbs
8	Pin		-140 lbs	490 lbs	0 lbs	-20 lbs	-140 lbs
9	HRoll		-140 lbs	490 lbs	0 lbs	-20 lbs	-140 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
4-2-4	12-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-18	0.04	28 lbs	-9 lbs	1-6	0.06	-109 lbs	-109 lbs	6-10	0.09	-253 lbs	-253 lbs
18-19	0.06	2 lbs	-1 lbs	6-11	0.06	-109 lbs	-109 lbs	11-12	0.02	-63 lbs	-63 lbs
5-19	0.06	0 lbs	0 lbs	8-11	0.13	170 lbs	-136 lbs	8-13	0.09	-244 lbs	-244 lbs
3-10	0.11	-71 lbs	-71 lbs	8-14	0.13	170 lbs	-136 lbs	14-15	0.08	-181 lbs	-181 lbs
10-12	0.10	-124 lbs	-124 lbs	9-14	0.12	-13 lbs	-13 lbs	7-19	0.11	-149 lbs	-149 lbs
12-13	0.11	-147 lbs	-147 lbs	9-17	0.12	15 lbs	-13 lbs	2-5	0.02	-24 lbs	-24 lbs
13-15	0.09	-99 lbs	-99 lbs	7-17	0.05	17 lbs	-2 lbs	9-16	0.16	-242 lbs	-242 lbs
15-16	0.09	97 lbs	-79 lbs	2-7	0.05	17 lbs	-2 lbs	17-18	0.02	54 lbs	-32 lbs
4-16	0.06	13 lbs	-6 lbs					10-11	0.04	195 lbs	-103 lbs
								14-16	0.05	-77 lbs	-77 lbs
								17-19	0.01	-16 lbs	-16 lbs
								8-12	0.07	-188 lbs	-188 lbs
								9-18	0.09	-114 lbs	-114 lbs
								13-14	0.01	52 lbs	-7 lbs

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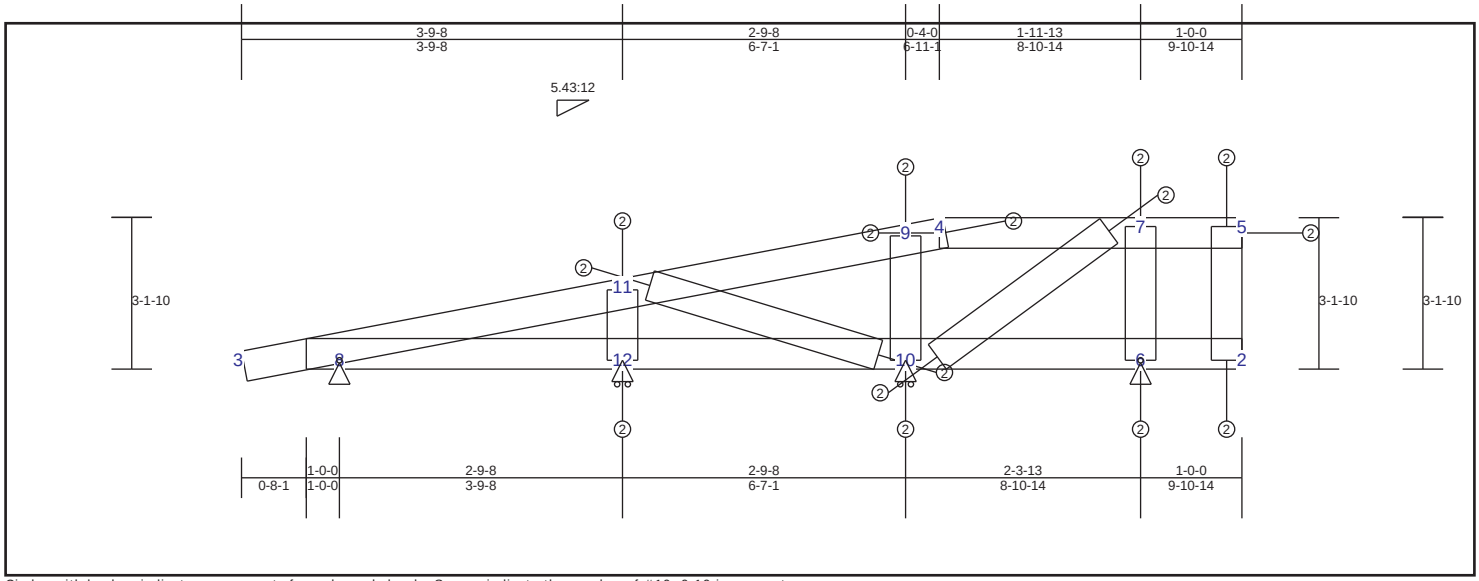
TAYNR.com

TRUSS TC28 (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 (3 - 11)	TL(V): 0 in.	L / 999	(4-7)	L / 360
BC :	0.18 (3 - 8)	LL(V): 0 in.	L / 999	(4-7)	L / 360
Web :	0.11 (10 - 9)	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 in.		5	
		Web :			
		Snow/Wind 0 in.	L / 999	(4-7)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		100 lbs	430 lbs	0 lbs	-10 lbs	100 lbs
8	Pin		100 lbs	430 lbs	0 lbs	-10 lbs	100 lbs
10	HRoll		100 lbs	430 lbs	0 lbs	-10 lbs	100 lbs
12	HRoll		100 lbs	430 lbs	0 lbs	-10 lbs	100 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
3-4-15	9-10-14

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-7	0.06	39 lbs	-17 lbs	3-8	0.18	151 lbs	-95 lbs	6-7	0.06	-141 lbs	-141 lbs
5-7	0.06	0 lbs	0 lbs	8-12	0.16	151 lbs	-95 lbs	2-5	0.00	-11 lbs	-11 lbs
3-11	0.16	-112 lbs	-112 lbs	10-12	0.06	64 lbs	-63 lbs	9-10	0.11	-269 lbs	-269 lbs
9-11	0.11	102 lbs	-65 lbs	6-10	0.06	64 lbs	-63 lbs	11-12	0.09	-256 lbs	-256 lbs
4-9	0.08	-9 lbs	-9 lbs	2-6	0.03	56 lbs	-36 lbs	7-10	0.04	-78 lbs	-78 lbs
								10-11	0.04	114 lbs	-101 lbs

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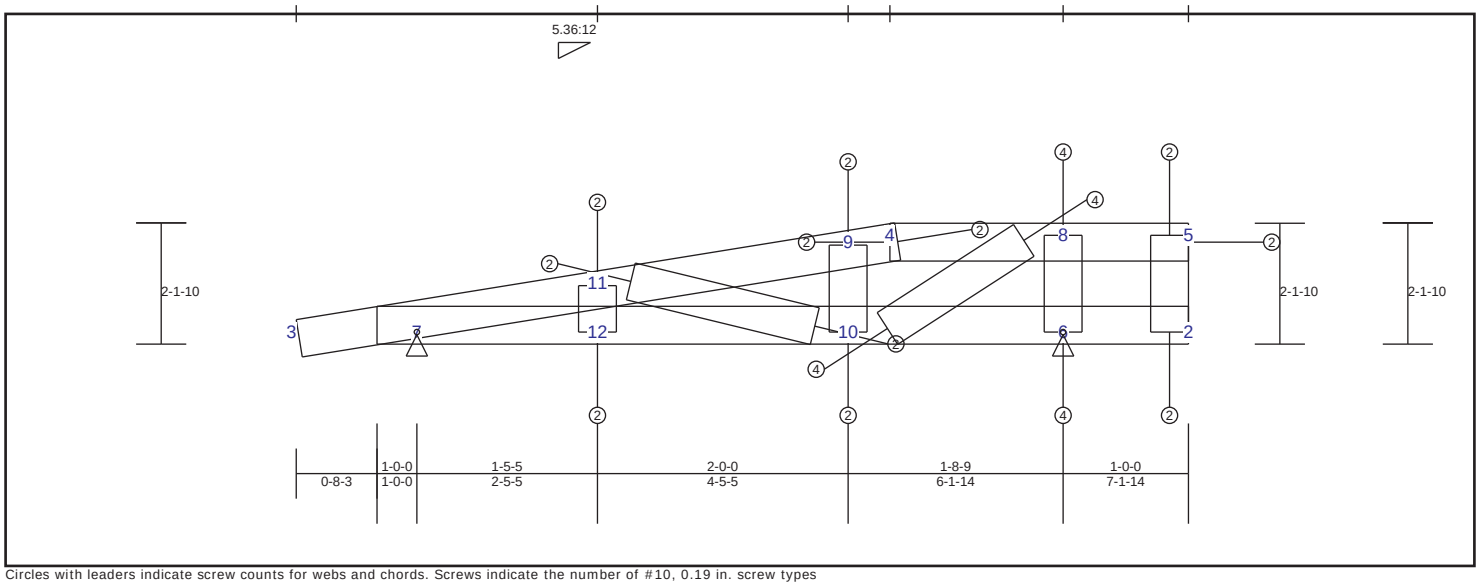
TRUSS TC29 (spacing 24 in)



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 (4 - 8)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.25 (3 - 7)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.17 (6 - 8)	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.		11	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		-200 lbs	430 lbs	0 lbs	-100 lbs	-200 lbs
7	Pin		-200 lbs	430 lbs	0 lbs	-100 lbs	-200 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
2-4-15	7-1-14

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.17	-384 lbs	-384 lbs	3-7	0.25	287 lbs	-79 lbs	6-8	0.17	-470 lbs	-470 lbs
9-11	0.08	-322 lbs	-322 lbs	7-12	0.25	287 lbs	-79 lbs	2-5	0.01	20 lbs	-15 lbs
4-9	0.06	-227 lbs	-227 lbs	10-12	0.18	108 lbs	-77 lbs	9-10	0.06	-173 lbs	-173 lbs
4-8	0.24	-185 lbs	-185 lbs	6-10	0.19	-228 lbs	-228 lbs	11-12	0.00	29 lbs	-11 lbs
5-8	0.24	0 lbs	0 lbs	2-6	0.12	-228 lbs	-228 lbs	8-10	0.09	378 lbs	-234 lbs
								10-11	0.07	-182 lbs	-182 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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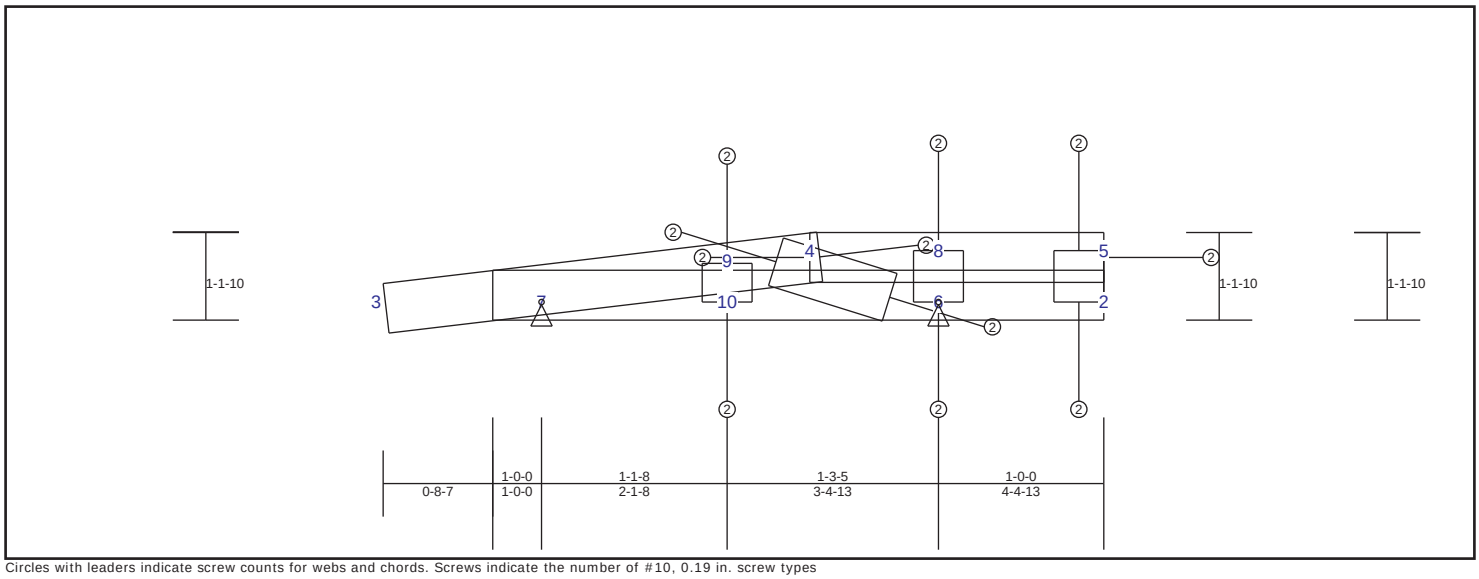
TRUSS TC30 (spacing 24 in)



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 :	0.09 (3 - 9)	TL(V): 0 in.	L / 999	(4-8)	L / 360
BC :	0.14 (3 - 7)	LL(V): 0 in.	L / 999	(4-8)	L / 360
Web :	0.05 (6 - 8)	DL(V): 0 in.	L / 999	(4-8)	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.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	(4-8)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		40 lbs	260 lbs	0 lbs	-40 lbs	40 lbs
7	Pin		40 lbs	260 lbs	0 lbs	-40 lbs	40 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
1-4-15	4-4-13

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-8	0.05	0 lbs	0 lbs	3-7	0.14	68 lbs	-30 lbs	6-8	0.05	-135 lbs	-135 lbs
5-8	0.05	0 lbs	0 lbs	7-10	0.14	68 lbs	-30 lbs	2-5	0.01	-21 lbs	-21 lbs
3-9	0.09	-74 lbs	-74 lbs	6-10	0.06	-40 lbs	-40 lbs	9-10	0.02	-44 lbs	-44 lbs
4-9	0.02	-45 lbs	-45 lbs	2-6	0.06	-40 lbs	-40 lbs	6-9	0.03	-70 lbs	-70 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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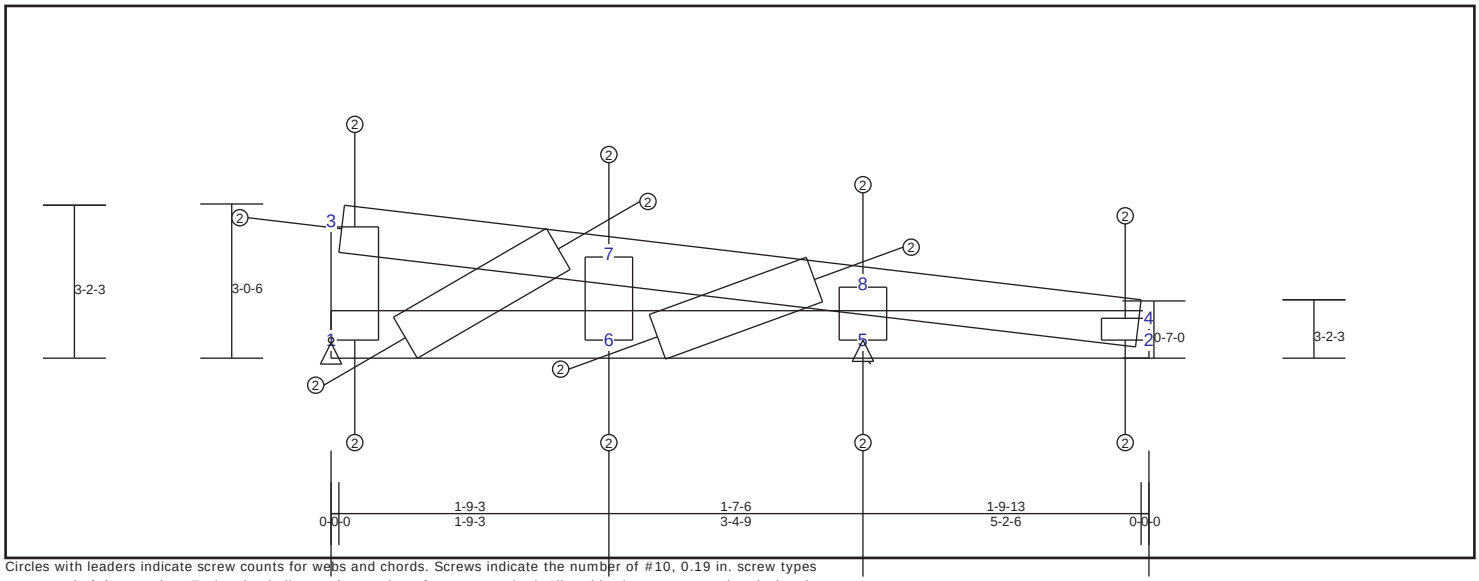
TRUSS TC31 (spacing 24 in)



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 :	0.17 (7 - 8)	TL(V): 0 in.	L / 999	(3-7)	L / 360
BC :	0.24 (6 - 5)	LL(V): 0 in.	L / 999	(3-7)	L / 360
Web :	0.12 (5 - 8)	DL(V): 0 in.	L / 999	(3-7)	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.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 267	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-90 lbs	430 lbs	0 lbs	-110 lbs	-90 lbs
5	Fixed		-90 lbs	430 lbs	0 lbs	-130 lbs	-90 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
3-1-6	5-2-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.11	-50 lbs	-50 lbs	1-6	0.13	125 lbs	-82 lbs	1-3	0.03	-60 lbs	-60 lbs
7-8	0.17	100 lbs	-100 lbs	5-6	0.24	-90 lbs	-90 lbs	6-7	0.08	-216 lbs	-216 lbs
4-8	0.16	100 lbs	-100 lbs	2-5	0.24	-90 lbs	-90 lbs	2-4	0.02	105 lbs	-56 lbs
								5-8	0.12	-323 lbs	-323 lbs
								1-7	0.07	237 lbs	-195 lbs
								6-8	0.04	249 lbs	-112 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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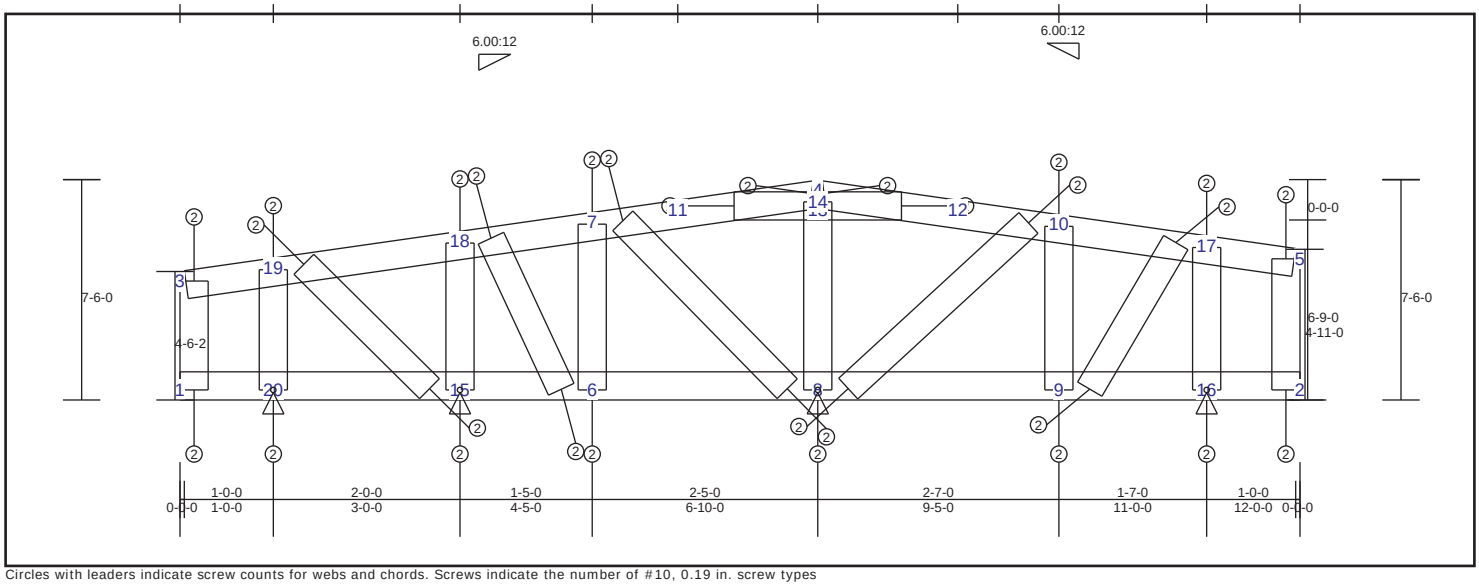
TRUSS TC32 (spacing 24 in)



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 (19 - 18)	TL(V): 0 in.	L / 999	(4-12)	L / 360
BC :	0.18 (6 - 8)	LL(V): 0 in.	L / 999	(4-12)	L / 360
Web :	0.38 (8 - 10)	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.		19	
		Web :			
		Snow/Wind 0.01 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 675	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
8	Pin		70 lbs	690 lbs	0 lbs	0 lbs	70 lbs
15	Pin		70 lbs	690 lbs	0 lbs	0 lbs	70 lbs
16	Pin		70 lbs	690 lbs	0 lbs	0 lbs	70 lbs
20	Pin		70 lbs	690 lbs	0 lbs	0 lbs	70 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
7-6-0	12-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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	-141 lbs	-141 lbs	1-20	0.07	-12 lbs	-12 lbs	6-7	0.15	-90 lbs	-90 lbs
10-12	0.09	133 lbs	-77 lbs	15-20	0.13	54 lbs	-23 lbs	9-10	0.06	138 lbs	-39 lbs
10-17	0.07	121 lbs	-76 lbs	6-15	0.13	54 lbs	-23 lbs	2-5	0.03	-34 lbs	-34 lbs
5-17	0.08	-76 lbs	-76 lbs	6-8	0.18	56 lbs	-50 lbs	15-18	0.23	-187 lbs	-187 lbs
3-19	0.08	77 lbs	-35 lbs	8-9	0.18	56 lbs	-50 lbs	16-17	0.24	-200 lbs	-200 lbs
18-19	0.12	108 lbs	-72 lbs	9-16	0.08	13 lbs	-6 lbs	19-20	0.13	-146 lbs	-146 lbs
7-18	0.07	134 lbs	-72 lbs	2-16	0.06	13 lbs	-6 lbs	1-3	0.02	52 lbs	-27 lbs
7-11	0.10	152 lbs	-79 lbs					11-13	0.17	192 lbs	-59 lbs
4-11	0.05	152 lbs	-143 lbs					12-13	0.17	192 lbs	-59 lbs
								8-13	0.13	-256 lbs	-256 lbs
								13-14	0.05	-256 lbs	-256 lbs
								7-8	0.38	211 lbs	-187 lbs
								8-10	0.38	-191 lbs	-191 lbs
								9-17	0.13	-101 lbs	-101 lbs
								6-18	0.05	131 lbs	-38 lbs
								15-19	0.10	239 lbs	-103 lbs

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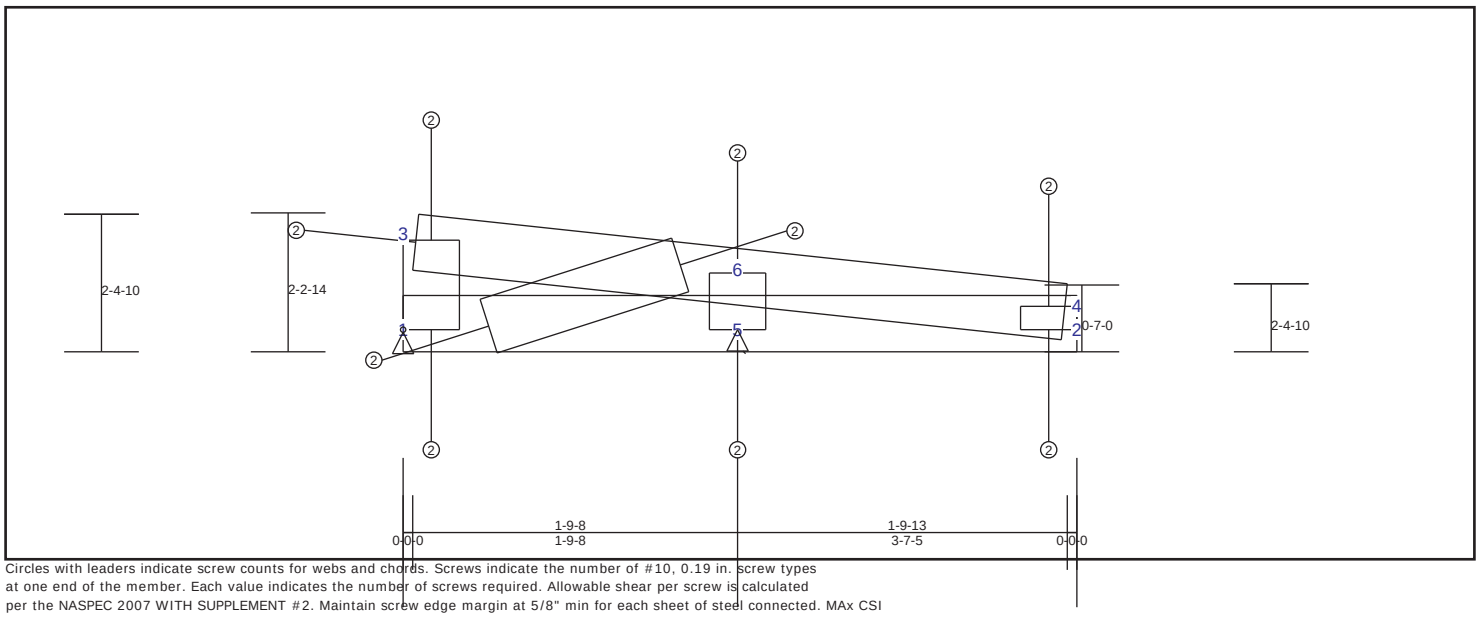
TRUSS TC33 (spacing 24 in)



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 (6 - 4)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.18 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.08 (5 - 6)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-6)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-30 lbs	350 lbs	0 lbs	-50 lbs	-30 lbs
5	Fixed		-30 lbs	350 lbs	0 lbs	-50 lbs	-30 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
2-3-14	3-7-5

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.13	-60 lbs	-60 lbs	1-5	0.18	98 lbs	-62 lbs	1-3	0.01	-35 lbs	-35 lbs
4-6	0.14	63 lbs	-60 lbs	2-5	0.18	-26 lbs	-26 lbs	5-6	0.08	-226 lbs	-226 lbs
								2-4	0.02	-64 lbs	-64 lbs
								1-6	0.05	223 lbs	-141 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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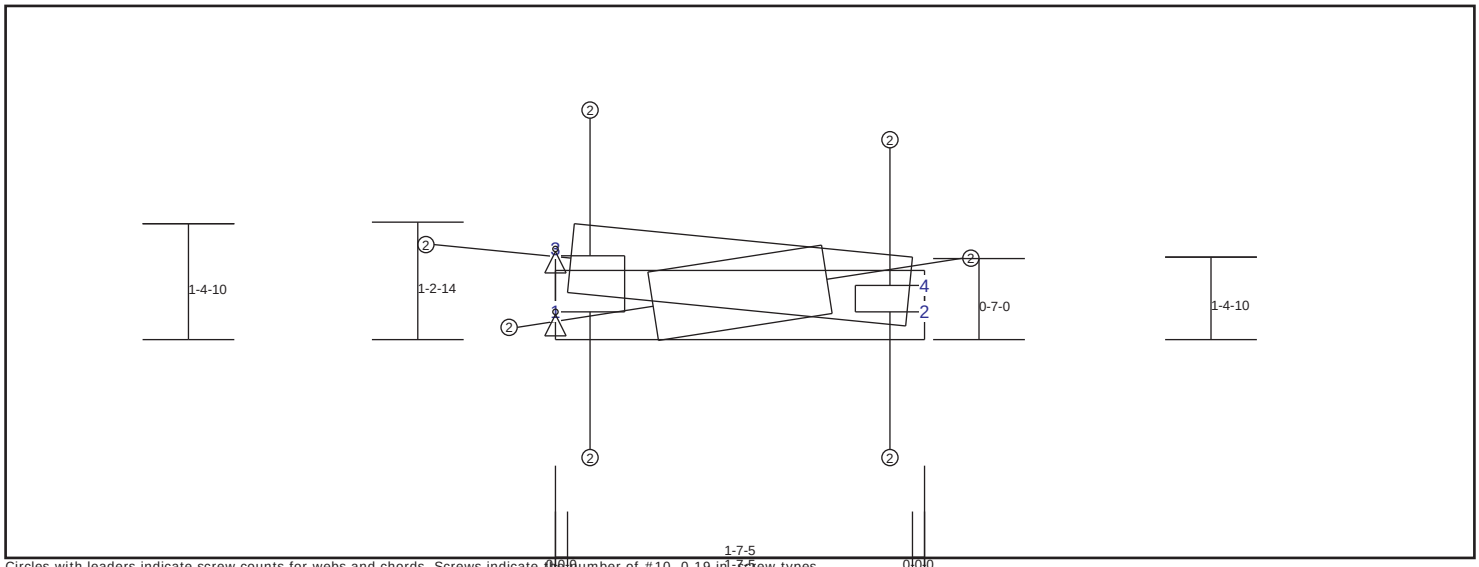
TRUSS TC34 (spacing 24 in)



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 :	0.06 (3 - 4)	TL(V): 0 in.	L / 999	(3-4)	L / 360
BC :	0.10 (1 - 2)	LL(V): 0 in.	L / 999	(3-4)	L / 360
Web :	0.06 (1 - 4)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-4)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		140 lbs	90 lbs	0 lbs	-30 lbs	140 lbs
3	Pin		-120 lbs	90 lbs	0 lbs	-30 lbs	-120 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
1-3-14	1-7-5

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.06	146 lbs	-60 lbs	1-2	0.10	-136 lbs	-136 lbs	1-3	0.00	0 lbs	0 lbs
								2-4	0.01	36 lbs	-18 lbs
								1-4	0.06	-173 lbs	-173 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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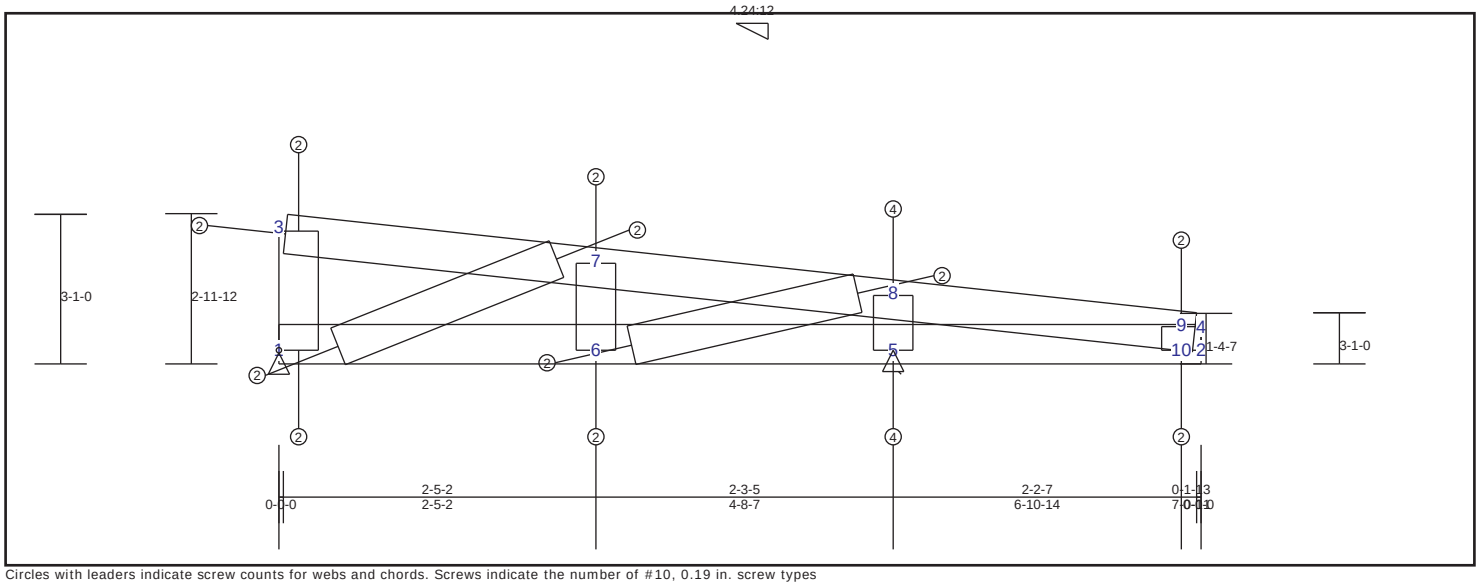
TRUSS TC35 (spacing 24 in)



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 :	0.28 (8 - 9)	TL(V): 0.01 in.	L / 999	(10-2)	L / 360
BC :	0.26 (6 - 5)	LL(V): 0.01 in.	L / 999	(10-2)	L / 360
Web :	0.17 (5 - 8)	DL(V): 0 in.	L / 999	(3-7)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(10-2)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(10-2)	2L / 360
		Horiz TL: 0 in.		4	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(10-2)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(10-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	590 lbs	0 lbs	-150 lbs	-130 lbs
5	Fixed		-70 lbs	590 lbs	0 lbs	-160 lbs	-70 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
3-0-9	7-0-11

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.09	-107 lbs	-107 lbs	1-6	0.13	141 lbs	-116 lbs	1-3	0.04	-89 lbs	-89 lbs
7-8	0.25	-164 lbs	-164 lbs	5-6	0.26	-67 lbs	-67 lbs	6-7	0.02	-63 lbs	-63 lbs
8-9	0.28	-114 lbs	-114 lbs	5-10	0.26	-67 lbs	-67 lbs	5-8	0.17	-476 lbs	-476 lbs
4-9	0.03	45 lbs	-17 lbs	2-10	0.04	0 lbs	0 lbs	9-10	0.02	-63 lbs	-63 lbs
								1-7	0.09	-233 lbs	-233 lbs
								6-8	0.02	154 lbs	-35 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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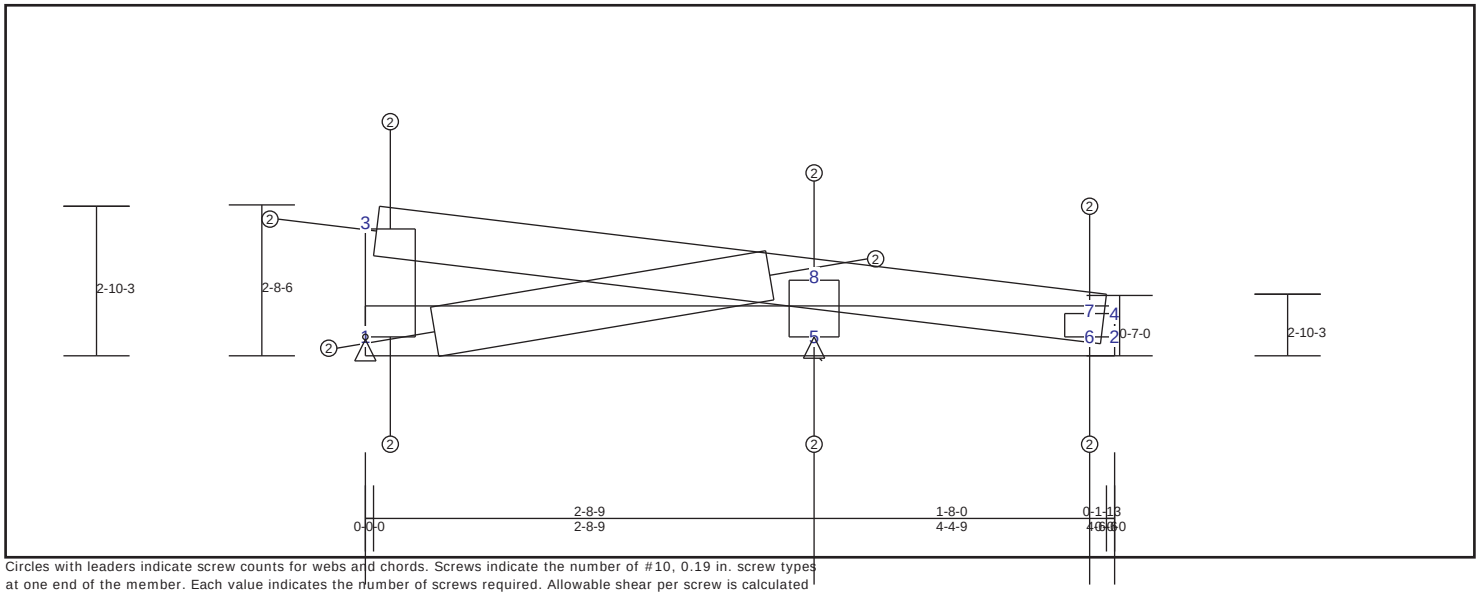
TRUSS TC36 (spacing 24 in)



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 (8 - 7)	TL(V): 0 in.	L / 999	(3-8)	L / 360
BC :	0.16 (1 - 5)	LL(V): 0 in.	L / 999	(3-8)	L / 360
Web :	0.10 (5 - 8)	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 in.	L / 999	(3-8)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-20 lbs	400 lbs	0 lbs	-60 lbs	-20 lbs
5	Fixed		-20 lbs	400 lbs	0 lbs	-60 lbs	-20 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
2-9-6	4-6-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.14	-83 lbs	-83 lbs	1-5	0.16	141 lbs	-88 lbs	1-3	0.04	-99 lbs	-99 lbs
7-8	0.16	-83 lbs	-83 lbs	5-6	0.16	-19 lbs	-19 lbs	6-7	0.02	58 lbs	-53 lbs
4-7	0.02	66 lbs	-20 lbs	2-6	0.04	0 lbs	0 lbs	5-8	0.10	-287 lbs	-287 lbs
								1-8	0.04	194 lbs	-121 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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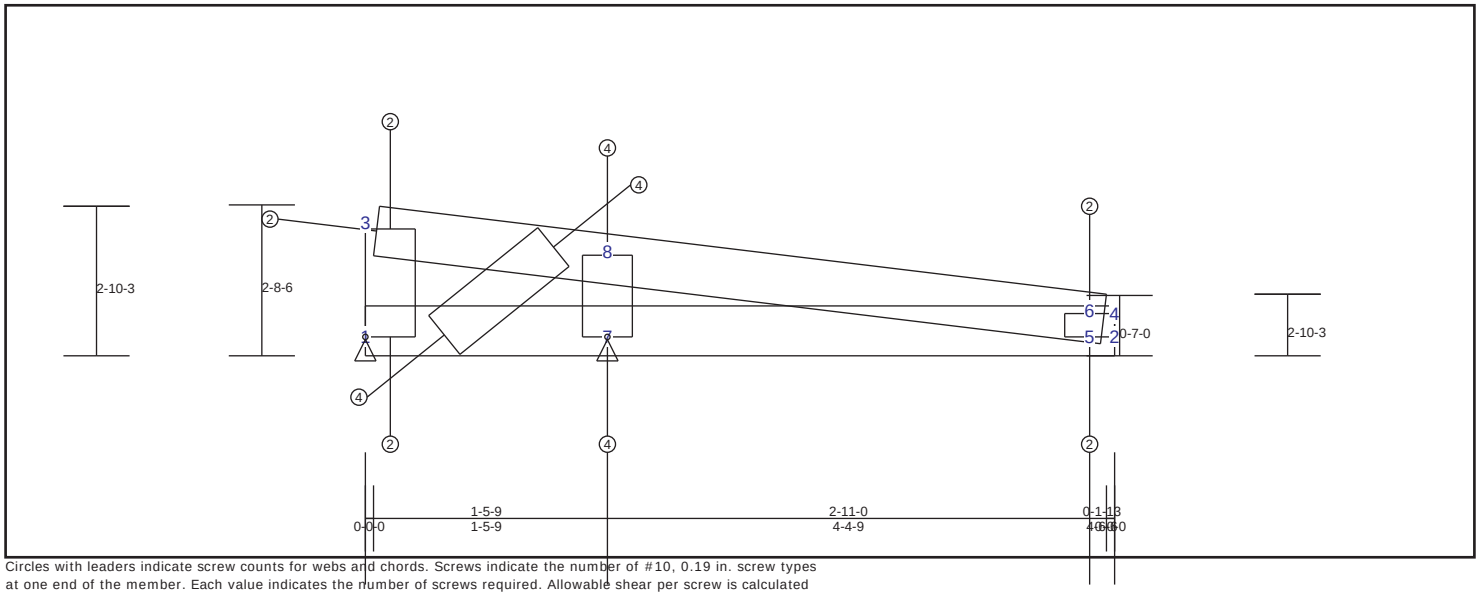
TRUSS TC37 (spacing 24 in)



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 (3 - 8)	TL(V): 0.08 in.	L / 671	(5-2)	L / 360
BC :	0.44 (1 - 7)	LL(V): 0.04 in.	L / 999	(5-2)	L / 360
Web :	0.18 (7 - 8)	DL(V): 0.03 in.	L / 999	4	L / 0
		Cant / OH TL: 0.04 in.	2L / 0	(5-2)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 0	(5-2)	2L / 360
		Horiz TL: -0.02 in.		4	
		Web :			
		Snow/Wind -0.06 in.	L / 928	4	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 0	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-140 lbs	860 lbs	0 lbs	-120 lbs	-140 lbs
7	Pin		-50 lbs	860 lbs	0 lbs	-140 lbs	-50 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
2-9-6	4-6-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.48	-134 lbs	-134 lbs	1-7	0.44	142 lbs	-72 lbs	1-3	0.09	-256 lbs	-256 lbs
6-8	0.45	-118 lbs	-118 lbs	5-7	0.44	-53 lbs	-53 lbs	5-6	0.03	81 lbs	-76 lbs
4-6	0.04	112 lbs	-28 lbs	2-5	0.05	0 lbs	0 lbs	7-8	0.18	-500 lbs	-500 lbs
								1-8	0.13	678 lbs	-345 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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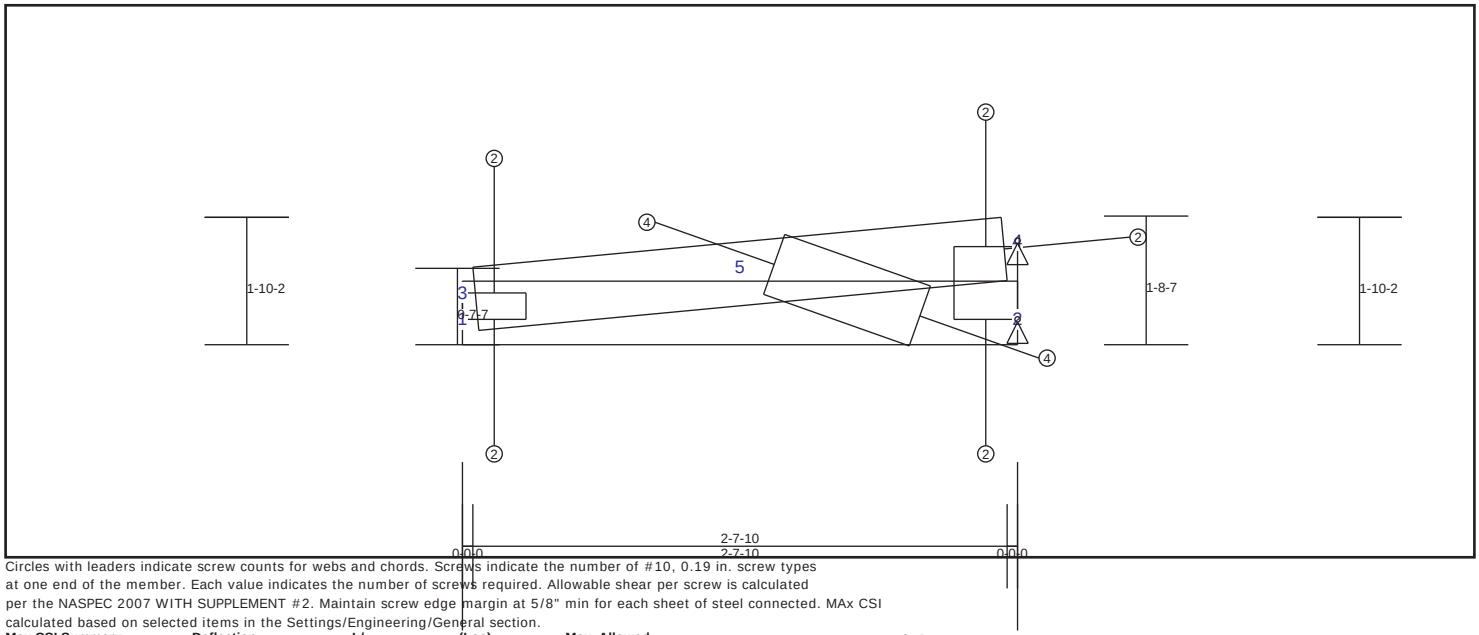
TRUSS TC38 (spacing 24 in)



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): 0.04 in.	L / 832	3	L / 360
BC :	0.33 (1 - 2)	LL(V): 0.02 in.	L / 999	3	L / 360
Web :	0.19 (5 - 2)	DL(V): 0.02 in.	L / 999	3	L / 0
		Cant / OH TL: 0.02 in.	2L / 174	3	2L / 360
		Cant / OH LL: 0.02 in.	2L / 174	3	2L / 360
		Horiz TL: 0.01 in.		3	
		Web :			
		Snow/Wind -0.03 in.	L / 999	3	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 133	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-270 lbs	420 lbs	0 lbs	-180 lbs	-270 lbs
4	Pin		240 lbs	-110 lbs	-80 lbs	-110 lbs	240 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
1-9-7	2-7-10

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.32	94 lbs	-21 lbs	1-2	0.33	-270 lbs	-270 lbs	1-3	0.02	91 lbs	-49 lbs
4-5	0.40	173 lbs	-52 lbs					2-4	0.00	0 lbs	0 lbs
								2-5	0.19	-543 lbs	-543 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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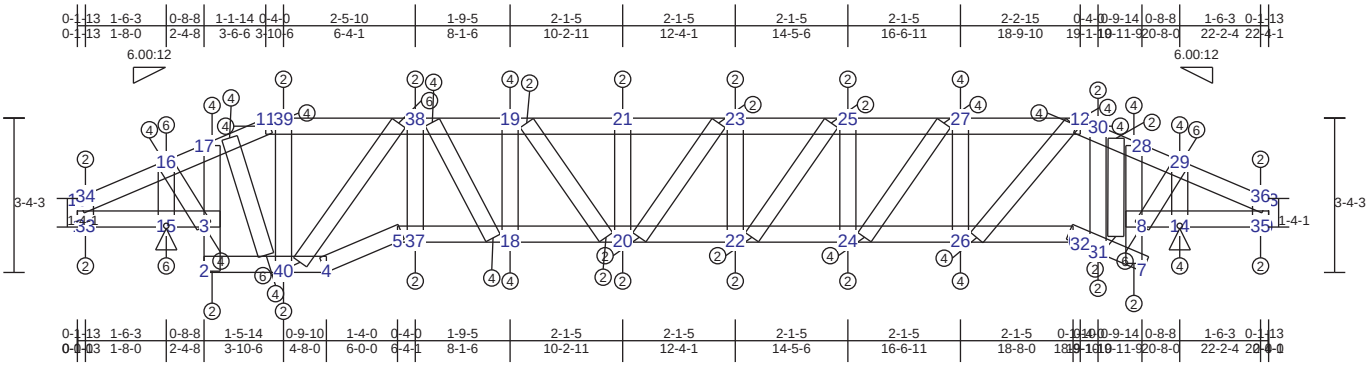
TRUSS TC39 (spacing 24 in)



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 (30 - 28)	TL(V): 0.08 in.	L / 999	(21-23)	L / 360
BC :	0.51 (8 - 14)	LL(V): 0.04 in.	L / 999	(21-23)	L / 360
Web :	0.76 (40 - 38)	DL(V): 0.03 in.	L / 999	(20-22)	L / 0
		Cant / OH TL: 0.04 in.	2L / 999	(21-23)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 999	(21-23)	2L / 360
		Horiz TL: -0.01 in.		40	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(21-23)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 999	(21-23)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
14	Pin		-1110 lbs	1380 lbs	0 lbs	-390 lbs	-1110 lbs
15	Pin		1110 lbs	1380 lbs	0 lbs	-530 lbs	1110 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
3-4-3	22-4-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-34	0.02	67 lbs	-12 lbs	4-5	0.17	791 lbs	-477 lbs	15-16	0.41	-1537 lbs	-1537 lbs
16-34	0.48	-670 lbs	-670 lbs	5-37	0.22	703 lbs	-427 lbs	2-3	0.18	-236 lbs	-236 lbs
16-17	0.27	-670 lbs	-670 lbs	18-37	0.33	1007 lbs	-601 lbs	3-17	0.43	-1214 lbs	-1214 lbs
11-17	0.38	-1348 lbs	-1348 lbs	18-20	0.33	1241 lbs	-734 lbs	18-19	0.23	-821 lbs	-821 lbs
11-39	0.24	-1084 lbs	-1084 lbs	20-22	0.30	1241 lbs	-734 lbs	20-21	0.07	-244 lbs	-244 lbs
38-39	0.49	-1856 lbs	-1856 lbs	22-24	0.30	1230 lbs	-724 lbs	22-23	0.08	-278 lbs	-278 lbs
19-38	0.54	-2161 lbs	-2161 lbs	24-26	0.40	995 lbs	-582 lbs	24-25	0.19	-693 lbs	-693 lbs
19-21	0.40	-2395 lbs	-2395 lbs	6-26	0.40	515 lbs	-296 lbs	26-27	0.30	-1081 lbs	-1081 lbs
21-23	0.38	-2395 lbs	-2395 lbs	6-31	0.17	-309 lbs	-309 lbs	7-8	0.12	138 lbs	-93 lbs
23-25	0.40	-2383 lbs	-2383 lbs	7-31	0.16	-309 lbs	-309 lbs	8-28	0.40	-1088 lbs	-1088 lbs
25-27	0.41	-2148 lbs	-2148 lbs	2-40	0.38	-285 lbs	-285 lbs	14-29	0.39	-1449 lbs	-1449 lbs
12-27	0.40	-1669 lbs	-1669 lbs	4-40	0.39	703 lbs	-427 lbs	30-31	0.09	-321 lbs	-321 lbs
12-30	0.31	-1304 lbs	-1304 lbs	1-33	0.03	0 lbs	0 lbs	33-34	0.01	69 lbs	-39 lbs
28-30	0.58	-1304 lbs	-1304 lbs	15-33	0.47	-1113 lbs	-1113 lbs	35-36	0.01	-54 lbs	-54 lbs
28-29	0.45	-642 lbs	-642 lbs	3-15	0.48	-1113 lbs	-1113 lbs	39-40	0.08	403 lbs	-224 lbs
29-36	0.45	-642 lbs	-642 lbs	8-14	0.51	-1113 lbs	-1113 lbs	37-38	0.07	429 lbs	-242 lbs
13-36	0.01	44 lbs	-19 lbs	14-35	0.49	-1113 lbs	-1113 lbs	8-29	0.23	1574 lbs	-851 lbs
				9-35	0.02	0 lbs	0 lbs	3-16	0.17	1375 lbs	-639 lbs
								19-20	0.08	461 lbs	-261 lbs
								20-23	0.01	24 lbs	-19 lbs
								22-25	0.09	462 lbs	-278 lbs
								24-27	0.18	943 lbs	-563 lbs
								12-26	0.26	1246 lbs	-737 lbs
								18-38	0.13	746 lbs	-427 lbs
								17-40	0.15	840 lbs	-468 lbs

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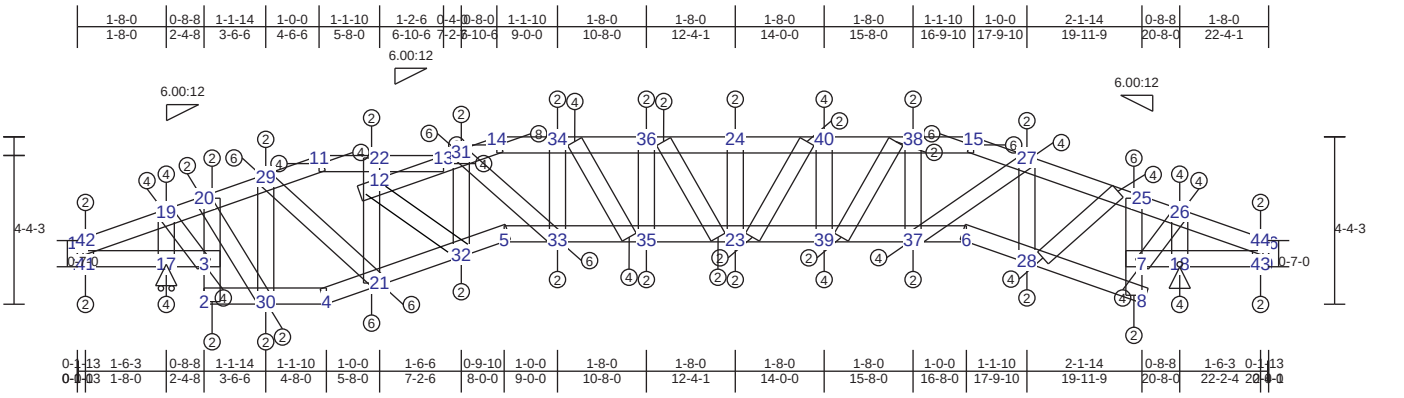
TRUSS TC40 (spacing 24 in)



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Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	1.15 (13 - 31)	TL(V): 0.21 in.	L / 510	(5-33)	L / 360
BC :	0.74 (5 - 33)	LL(V): 0.12 in.	L / 898	(5-33)	L / 360
Web :	0.99 (21 - 12)	DL(V): 0.09 in.	L / 502	(32-5)	L / 0
		Cant / OH TL: 0.12 in.	2L / 0	(5-33)	2L / 360
		Cant / OH LL: 0.12 in.	2L / 0	(5-33)	2L / 360
		Horiz TL: -0.07 in.		2	
		Web :			
		Snow/Wind -0.1 in.	L / 999	(5-33)	L / 360
		Cant (Snow/Wind) -0.1 in.	L / 0	(5-33)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
17	HRoll		0 lbs	1500 lbs	0 lbs	-460 lbs	0 lbs
18	Pin		140 lbs	1430 lbs	0 lbs	-330 lbs	140 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
4-4-15	22-4-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-42	0.01	44 lbs	-19 lbs	4-21	0.57	1786 lbs	-813 lbs	2-3	0.22	346 lbs	-155 lbs
19-42	0.33	-462 lbs	-462 lbs	21-32	0.35	1786 lbs	-813 lbs	3-20	0.40	-676 lbs	-676 lbs
19-20	0.09	-462 lbs	-462 lbs	5-32	0.32	1863 lbs	-854 lbs	23-24	0.06	-232 lbs	-232 lbs
20-29	0.77	-1262 lbs	-1262 lbs	5-33	0.74	2623 lbs	-1209 lbs	7-8	0.27	-329 lbs	-329 lbs
11-29	0.70	-1262 lbs	-1262 lbs	33-35	0.73	2623 lbs	-1209 lbs	7-25	0.45	-1600 lbs	-1600 lbs
11-22	0.22	-1370 lbs	-1370 lbs	23-35	0.44	2311 lbs	-1073 lbs	18-26	0.27	-1001 lbs	-1001 lbs
13-22	0.40	-840 lbs	-840 lbs	23-39	0.49	2278 lbs	-1045 lbs	27-28	0.19	-663 lbs	-663 lbs
14-34	0.42	-2702 lbs	-2702 lbs	37-39	0.49	2038 lbs	-904 lbs	29-30	0.24	-629 lbs	-629 lbs
34-36	0.57	-2702 lbs	-2702 lbs	6-37	0.37	1791 lbs	-710 lbs	12-21	0.99	-1575 lbs	-1575 lbs
24-36	0.37	-2390 lbs	-2390 lbs	2-30	0.39	357 lbs	-158 lbs	12-22	0.27	-427 lbs	-427 lbs
24-40	0.40	-2357 lbs	-2357 lbs	4-30	0.39	357 lbs	-152 lbs	31-32	0.04	-158 lbs	-158 lbs
38-40	0.67	-2117 lbs	-2117 lbs	7-18	0.61	486 lbs	-208 lbs	33-34	0.04	336 lbs	-134 lbs
15-38	0.54	-1870 lbs	-1870 lbs	18-43	0.17	144 lbs	-69 lbs	35-36	0.01	155 lbs	-42 lbs
15-27	0.70	-1861 lbs	-1861 lbs	9-43	0.02	0 lbs	0 lbs	39-40	0.31	-1116 lbs	-1116 lbs
25-27	0.75	-1861 lbs	-1861 lbs	1-41	0.02	0 lbs	0 lbs	37-38	0.03	211 lbs	-99 lbs
25-26	0.35	-435 lbs	-435 lbs	17-41	0.16	0 lbs	0 lbs	41-42	0.01	-55 lbs	-55 lbs
26-44	0.30	-435 lbs	-435 lbs	3-17	0.51	372 lbs	-160 lbs	43-44	0.02	-63 lbs	-63 lbs
16-44	0.02	44 lbs	-22 lbs	6-28	0.24	1037 lbs	-387 lbs	7-26	0.15	1074 lbs	-545 lbs
12-13	0.99	-2063 lbs	-2063 lbs	8-28	0.30	731 lbs	-284 lbs	27-37	0.19	1214 lbs	-591 lbs
13-31	1.15	-2442 lbs	-2442 lbs					21-29	0.31	1576 lbs	-729 lbs
14-31	1.05	-2442 lbs	-2442 lbs					20-30	0.01	19 lbs	-17 lbs
								31-33	0.22	1564 lbs	-729 lbs
								17-19	0.29	-1084 lbs	-1084 lbs
								3-19	0.09	796 lbs	-343 lbs
								25-28	0.07	745 lbs	-262 lbs
								34-35	0.25	-842 lbs	-842 lbs
								23-36	0.03	-89 lbs	-89 lbs
								23-40	0.11	646 lbs	-382 lbs
								38-39	0.15	666 lbs	-522 lbs

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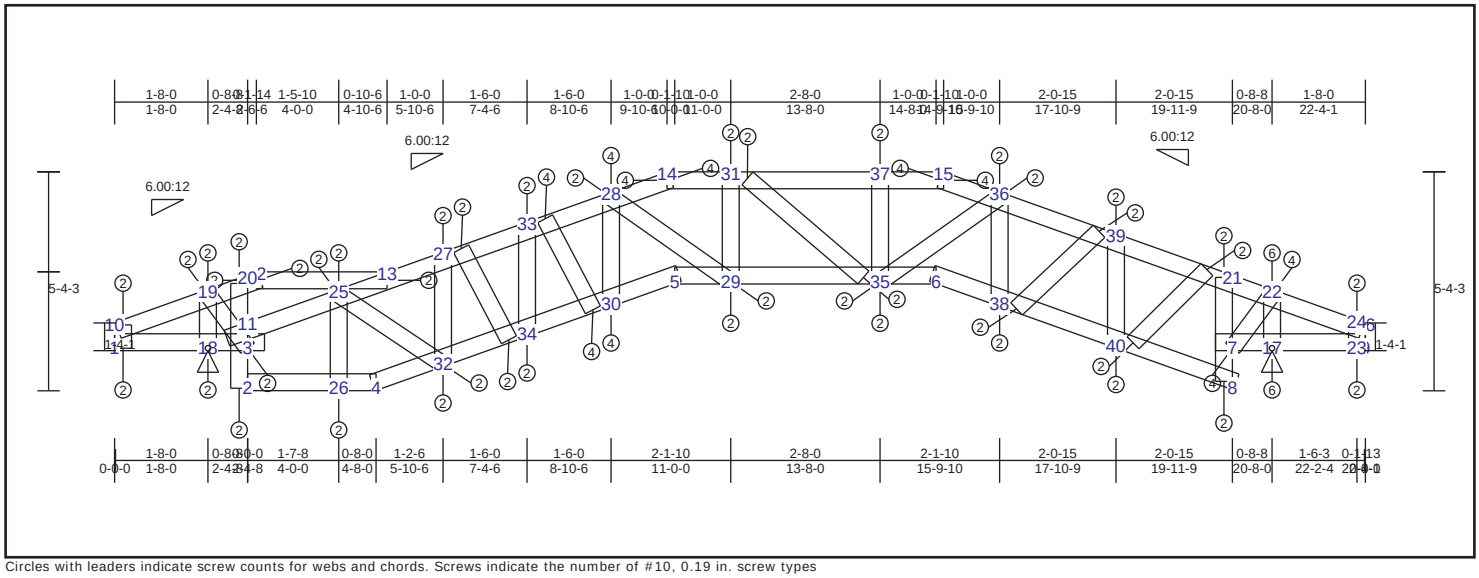
TRUSS TC41 (spacing 24 in)



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 (33 - 28)	TL(V): 0.06 in.	L / 999	(31-37)	L / 360
BC :	0.84 (18 - 3)	LL(V): 0.03 in.	L / 999	(31-37)	L / 360
Web :	0.68 (3 - 11)	DL(V): 0.03 in.	L / 999	(31-37)	L / 0
		Cant / OH TL: 0.03 in.	2L / 999	(33-28)	2L / 360
		Cant / OH LL: 0.03 in.	2L / 999	(33-28)	2L / 360
		Horiz TL: 0.01 in.		12	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(31-37)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(33-28)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
17	Pin		-1370 lbs	1430 lbs	0 lbs	-320 lbs	-1370 lbs
18	Pin		1340 lbs	1650 lbs	0 lbs	-540 lbs	1340 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
5-4-3	22-4-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-19	0.16	-231 lbs	-231 lbs	5-29	0.07	143 lbs	-131 lbs	2-3	0.23	75 lbs	-44 lbs
19-20	0.11	-231 lbs	-231 lbs	29-35	0.33	-338 lbs	-338 lbs	3-11	0.68	-1226 lbs	-1226 lbs
12-20	0.04	-231 lbs	-231 lbs	6-35	0.26	-412 lbs	-412 lbs	11-20	0.05	-143 lbs	-143 lbs
12-13	0.15	-160 lbs	-160 lbs	4-32	0.12	508 lbs	-338 lbs	7-8	0.28	219 lbs	-119 lbs
14-31	0.42	-1371 lbs	-1371 lbs	32-34	0.18	639 lbs	-428 lbs	7-21	0.46	-701 lbs	-701 lbs
31-37	0.42	-1371 lbs	-1371 lbs	30-34	0.33	639 lbs	-428 lbs	3-19	0.04	387 lbs	0 lbs
15-37	0.35	-1122 lbs	-1122 lbs	5-30	0.30	495 lbs	-356 lbs	7-22	0.17	1422 lbs	-631 lbs
15-36	0.36	-1154 lbs	-1154 lbs	7-17	0.60	-1373 lbs	-1373 lbs	17-22	0.46	-1689 lbs	-1689 lbs
36-39	0.40	-1305 lbs	-1305 lbs	17-23	0.56	-1373 lbs	-1373 lbs	18-19	0.16	-577 lbs	-577 lbs
21-39	0.28	-1305 lbs	-1305 lbs	9-23	0.02	0 lbs	0 lbs	23-24	0.01	41 lbs	-36 lbs
21-22	0.21	-738 lbs	-738 lbs	6-38	0.20	-443 lbs	-443 lbs	1-10	0.02	76 lbs	-66 lbs
22-24	0.53	-738 lbs	-738 lbs	38-40	0.25	-461 lbs	-461 lbs	25-26	0.06	-209 lbs	-209 lbs
16-24	0.01	62 lbs	-11 lbs	8-40	0.23	-526 lbs	-526 lbs	28-30	0.15	937 lbs	-533 lbs
11-25	0.49	-2017 lbs	-2017 lbs	2-26	0.15	377 lbs	-251 lbs	29-31	0.06	298 lbs	-223 lbs
13-25	0.49	-2093 lbs	-2093 lbs	4-26	0.15	377 lbs	-251 lbs	25-32	0.05	237 lbs	-167 lbs
13-27	0.47	-2140 lbs	-2140 lbs	1-18	0.58	-1343 lbs	-1343 lbs	27-32	0.05	-187 lbs	-187 lbs
27-33	0.37	-2161 lbs	-2161 lbs	3-18	0.84	-1343 lbs	-1343 lbs	33-34	0.09	565 lbs	-307 lbs
28-33	0.61	-1946 lbs	-1946 lbs					35-37	0.00	40 lbs	-17 lbs
14-28	0.47	-1390 lbs	-1390 lbs					28-29	0.09	-284 lbs	-284 lbs
								35-36	0.03	137 lbs	-103 lbs
								36-38	0.04	161 lbs	-138 lbs
								39-40	0.06	-226 lbs	-226 lbs
								30-33	0.25	-910 lbs	-910 lbs
								27-34	0.09	-333 lbs	-333 lbs
								31-35	0.15	-388 lbs	-388 lbs
								21-40	0.04	323 lbs	-156 lbs
								38-39	0.06	-201 lbs	-201 lbs

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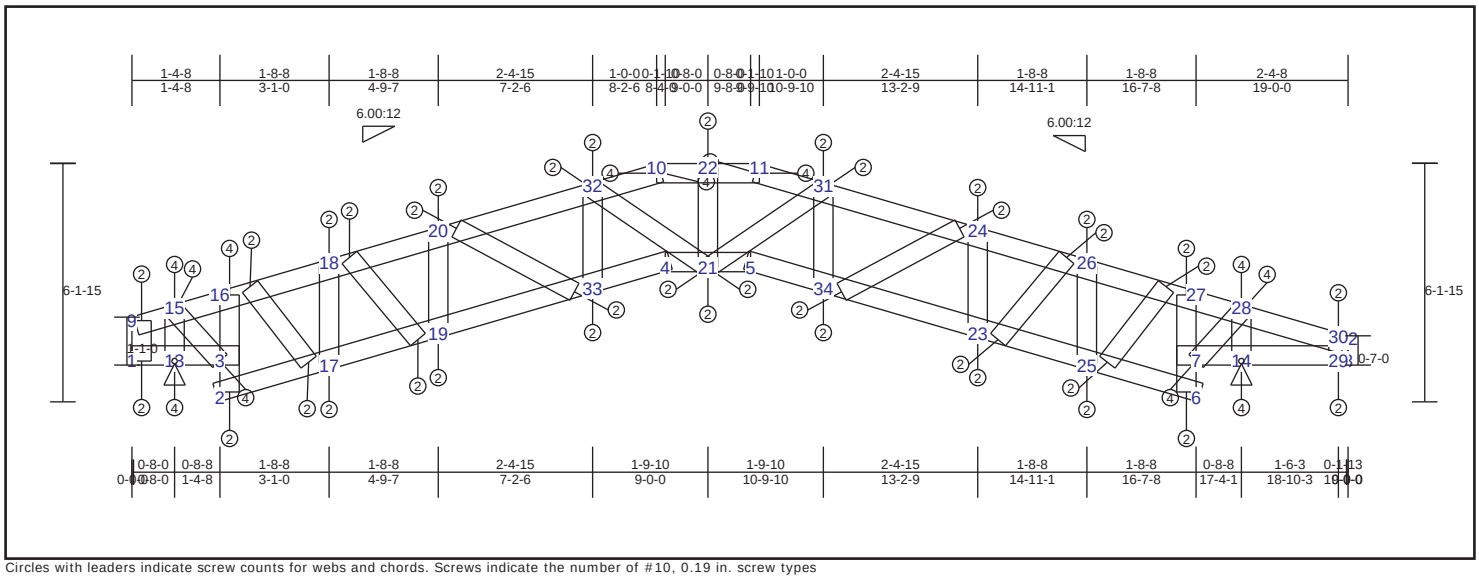
TRUSS TC42 (spacing 24 in)



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 (9 - 15)	TL(V): 0.01 in.	L / 999	(4-21)	L / 360
BC :	0.42 (13 - 3)	LL(V): 0.01 in.	L / 999	(4-21)	L / 360
Web :	0.37 (14 - 28)	DL(V): 0 in.	L / 999	(10-22)	L / 0
		Cant / OH TL: 0.01 in.	2L / 0	(4-21)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 0	(4-21)	2L / 360
		Horiz TL: 0 in.		6	
		Web :			
		Snow/Wind -0.02 in.	L / 860	(4-21)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 0	(4-21)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
13	Pin		970 lbs	1130 lbs	0 lbs	-300 lbs	970 lbs
14	Pin		-960 lbs	1270 lbs	0 lbs	-320 lbs	-960 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
6-1-15	19-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-22	0.29	-709 lbs	-709 lbs	4-21	0.16	-350 lbs	-350 lbs	13-15	0.35	-1287 lbs	-1287 lbs
11-22	0.29	-709 lbs	-709 lbs	5-21	0.16	-350 lbs	-350 lbs	2-3	0.13	89 lbs	-57 lbs
11-31	0.12	-806 lbs	-806 lbs	2-17	0.14	-243 lbs	-243 lbs	3-16	0.33	-798 lbs	-798 lbs
24-31	0.21	-1146 lbs	-1146 lbs	17-19	0.15	-243 lbs	-243 lbs	17-18	0.13	-453 lbs	-453 lbs
24-26	0.21	-1154 lbs	-1154 lbs	19-33	0.09	160 lbs	-127 lbs	19-20	0.03	-125 lbs	-125 lbs
26-27	0.25	-1154 lbs	-1154 lbs	4-33	0.11	176 lbs	-142 lbs	21-22	0.06	437 lbs	-225 lbs
27-28	0.18	-585 lbs	-585 lbs	5-34	0.10	184 lbs	-153 lbs	23-24	0.04	-134 lbs	-134 lbs
28-30	0.42	-585 lbs	-585 lbs	23-34	0.09	169 lbs	-125 lbs	25-26	0.14	-485 lbs	-485 lbs
12-30	0.01	61 lbs	-13 lbs	23-25	0.17	-300 lbs	-300 lbs	6-7	0.16	110 lbs	-72 lbs
9-15	0.43	-601 lbs	-601 lbs	6-25	0.15	-300 lbs	-300 lbs	7-27	0.33	-707 lbs	-707 lbs
15-16	0.17	-601 lbs	-601 lbs	7-14	0.42	-955 lbs	-955 lbs	14-28	0.37	-1357 lbs	-1357 lbs
16-18	0.25	-1188 lbs	-1188 lbs	14-29	0.42	-955 lbs	-955 lbs	29-30	0.01	43 lbs	-41 lbs
18-20	0.21	-1188 lbs	-1188 lbs	8-29	0.02	0 lbs	0 lbs	1-9	0.01	-53 lbs	-53 lbs
20-32	0.21	-1173 lbs	-1173 lbs	1-13	0.37	-967 lbs	-967 lbs	21-32	0.11	-384 lbs	-384 lbs
10-32	0.12	-806 lbs	-806 lbs	3-13	0.42	-967 lbs	-967 lbs	21-31	0.10	360 lbs	-356 lbs
								32-33	0.07	257 lbs	-254 lbs
								31-34	0.07	-246 lbs	-246 lbs
								3-15	0.15	1273 lbs	-540 lbs
								7-28	0.12	1117 lbs	-432 lbs
								16-17	0.06	396 lbs	-217 lbs
								18-19	0.02	210 lbs	-83 lbs
								23-26	0.02	234 lbs	-84 lbs
								25-27	0.06	423 lbs	-224 lbs
								24-34	0.05	-174 lbs	-174 lbs
								20-33	0.05	-187 lbs	-187 lbs

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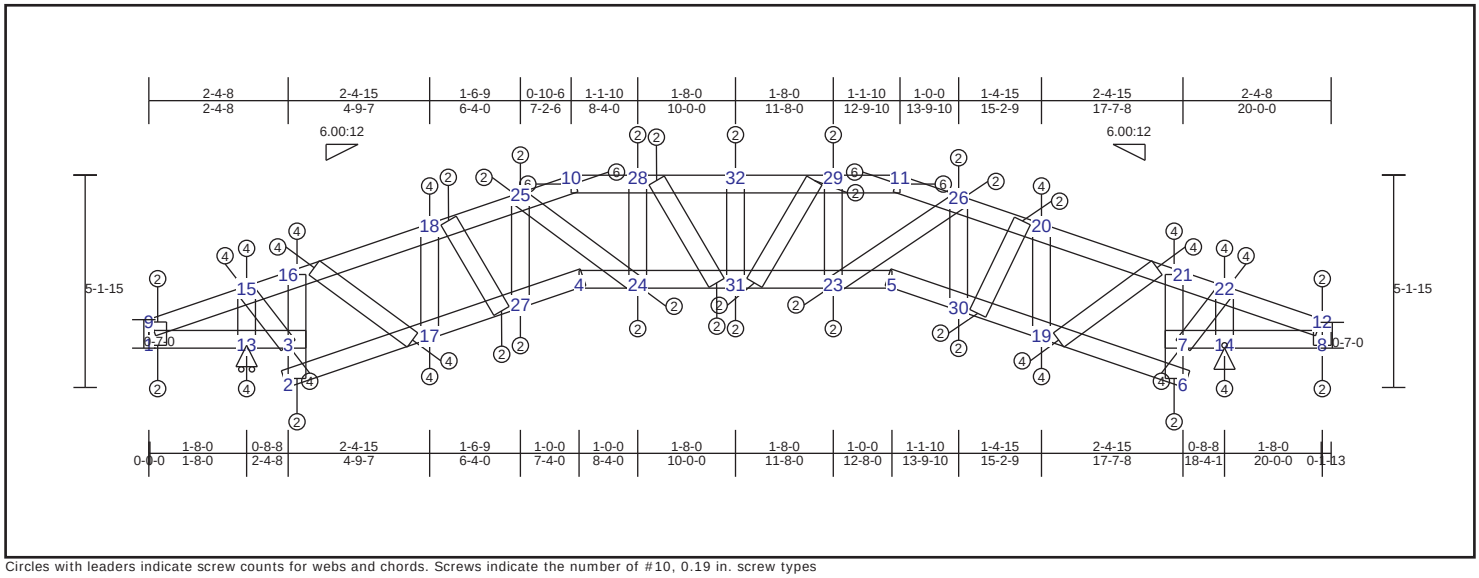
TRUSS TC43 (spacing 24 in)



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 :	0.71 (26 - 20)	TL(V): 0.1 in.	L / 632	(23-5)	L / 360
BC :	0.45 (13 - 3)	LL(V): 0.06 in.	L / 999	(23-5)	L / 360
Web :	0.37 (17 - 18)	DL(V): 0.05 in.	L / 999	(23-5)	L / 0
		Cant / OH TL: 0.06 in.	2L / 0	(23-5)	2L / 360
		Cant / OH LL: 0.06 in.	2L / 0	(23-5)	2L / 360
		Horiz TL: -0.05 in.		2	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(27-4)	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 0	(27-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
13	HRoll		0 lbs	1250 lbs	0 lbs	-430 lbs	0 lbs
14	Pin		-70 lbs	1250 lbs	0 lbs	-370 lbs	-70 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
5-1-15	20-1-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
9-15	0.27	-373 lbs	-373 lbs	4-24	0.18	1685 lbs	-357 lbs	1-9	0.01	67 lbs	-55 lbs
15-16	0.19	-373 lbs	-373 lbs	24-31	0.38	1685 lbs	-357 lbs	2-3	0.20	-228 lbs	-228 lbs
16-18	0.47	-1636 lbs	-1636 lbs	23-31	0.38	1676 lbs	-336 lbs	3-16	0.33	-1163 lbs	-1163 lbs
18-25	0.68	-1735 lbs	-1735 lbs	5-23	0.19	1676 lbs	-304 lbs	17-18	0.37	-1320 lbs	-1320 lbs
10-25	0.63	-1735 lbs	-1735 lbs	2-17	0.36	706 lbs	-166 lbs	19-20	0.37	-1303 lbs	-1303 lbs
11-26	0.66	-1748 lbs	-1748 lbs	17-27	0.39	1306 lbs	-311 lbs	6-7	0.20	-232 lbs	-232 lbs
20-26	0.71	-1748 lbs	-1748 lbs	4-27	0.15	1282 lbs	-306 lbs	7-21	0.33	-1165 lbs	-1165 lbs
20-21	0.45	-1629 lbs	-1629 lbs	5-30	0.13	1251 lbs	-268 lbs	8-12	0.01	59 lbs	-47 lbs
21-22	0.19	-374 lbs	-374 lbs	19-30	0.38	1298 lbs	-273 lbs	14-22	0.24	-898 lbs	-898 lbs
12-22	0.27	-374 lbs	-374 lbs	6-19	0.36	707 lbs	-155 lbs	13-15	0.24	-887 lbs	-887 lbs
10-28	0.46	-1767 lbs	-1767 lbs	7-14	0.45	353 lbs	-88 lbs	3-15	0.07	755 lbs	-165 lbs
28-32	0.46	-1767 lbs	-1767 lbs	8-14	0.15	-75 lbs	-75 lbs	7-22	0.07	755 lbs	-95 lbs
29-32	0.50	-1758 lbs	-1758 lbs	1-13	0.15	0 lbs	0 lbs	23-26	0.07	728 lbs	-189 lbs
11-29	0.50	-1758 lbs	-1758 lbs	3-13	0.45	352 lbs	-77 lbs	24-25	0.07	711 lbs	-129 lbs
								31-32	0.13	-460 lbs	-460 lbs
								24-28	0.04	389 lbs	-106 lbs
								23-29	0.04	430 lbs	-135 lbs
								26-30	0.03	-97 lbs	-97 lbs
								25-27	0.02	-79 lbs	-79 lbs
								16-17	0.09	997 lbs	-246 lbs
								19-21	0.09	993 lbs	-204 lbs
								29-31	0.07	-243 lbs	-243 lbs
								28-31	0.07	-236 lbs	-236 lbs
								18-27	0.05	496 lbs	-63 lbs
								20-30	0.04	448 lbs	-52 lbs

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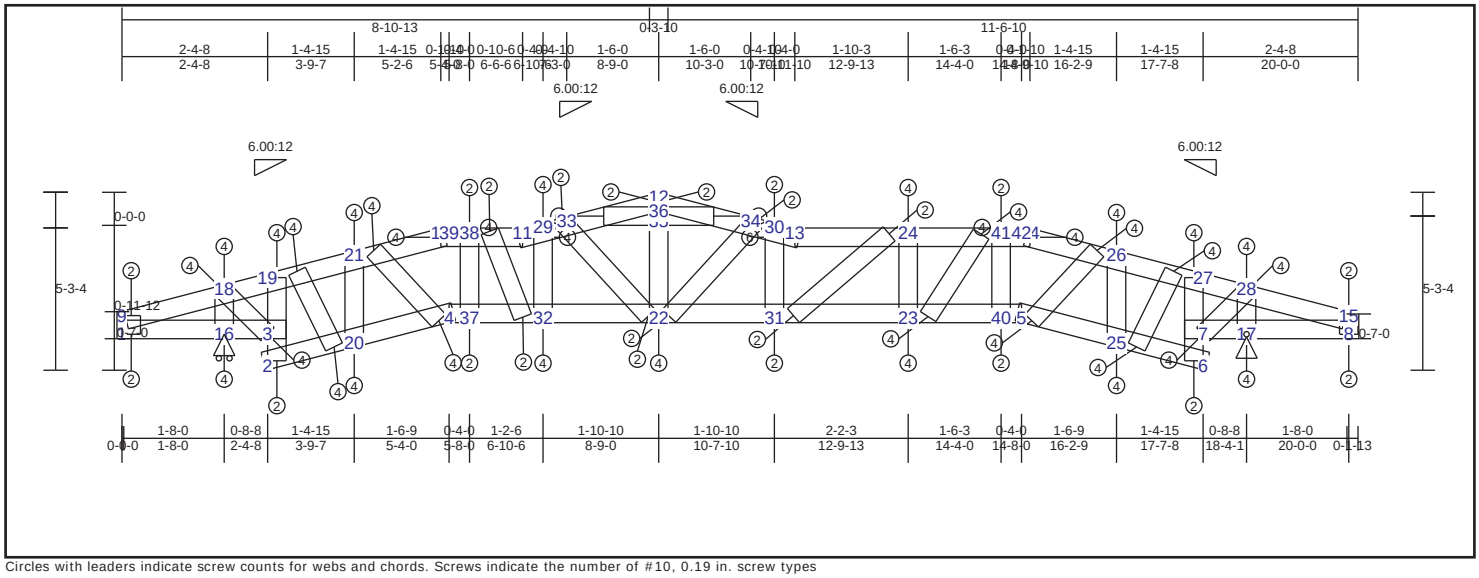
TRUSS TC44 (spacing 24 in)



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 :	0.68 (34 - 30)	TL(V): 0.12 in.	L / 373	(13-24)	L / 360
BC :	0.70 (37 - 32)	LL(V): 0.07 in.	L / 669	(13-24)	L / 360
Web :	0.83 (33 - 35)	DL(V): 0.05 in.	L / 537	(30-13)	L / 0
		Cant / OH TL: 0.04 in.	2L / 0	5	2L / 360
		Cant / OH LL: 0.04 in.	2L / 0	5	2L / 360
		Horiz TL: -0.03 in.		2	
		Web :			
		Snow/Wind -0.07 in.	L / 695	(13-24)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 0	(40-5)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
16	HRoll		0 lbs	1250 lbs	0 lbs	-320 lbs	0 lbs
17	Pin		-130 lbs	1250 lbs	0 lbs	-370 lbs	-130 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
5-3-4	20-1-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
9-18	0.26	-368 lbs	-368 lbs	4-37	0.26	1130 lbs	-274 lbs	1-9	0.02	-58 lbs	-58 lbs
18-19	0.25	-368 lbs	-368 lbs	32-37	0.70	1275 lbs	-322 lbs	16-18	0.23	-870 lbs	-870 lbs
19-21	0.42	-1220 lbs	-1220 lbs	22-32	0.70	1295 lbs	-351 lbs	2-3	0.21	-297 lbs	-297 lbs
10-21	0.52	-1220 lbs	-1220 lbs	22-31	0.49	1607 lbs	-477 lbs	3-19	0.36	-1303 lbs	-1303 lbs
10-38	0.22	-1190 lbs	-1190 lbs	23-31	0.41	1607 lbs	-477 lbs	20-21	0.37	-1289 lbs	-1289 lbs
11-38	0.38	-1334 lbs	-1334 lbs	23-40	0.35	1491 lbs	-470 lbs	23-24	0.23	-808 lbs	-808 lbs
11-29	0.52	-1581 lbs	-1581 lbs	5-40	0.24	1126 lbs	-374 lbs	25-26	0.38	-1342 lbs	-1342 lbs
29-33	0.51	-1581 lbs	-1581 lbs	2-20	0.36	471 lbs	-110 lbs	6-7	0.21	-318 lbs	-318 lbs
12-33	0.45	-1566 lbs	-1566 lbs	4-20	0.41	846 lbs	-200 lbs	7-27	0.36	-1320 lbs	-1320 lbs
12-34	0.66	-1630 lbs	-1630 lbs	5-25	0.42	863 lbs	-308 lbs	17-28	0.24	-881 lbs	-881 lbs
30-34	0.68	-1632 lbs	-1632 lbs	6-25	0.38	480 lbs	-197 lbs	8-15	0.01	-49 lbs	-49 lbs
13-30	0.50	-1632 lbs	-1632 lbs	1-16	0.15	0 lbs	0 lbs	3-18	0.08	822 lbs	-197 lbs
13-24	0.32	-1667 lbs	-1667 lbs	3-16	0.49	384 lbs	-92 lbs	7-28	0.08	821 lbs	-193 lbs
24-41	0.55	-1550 lbs	-1550 lbs	7-17	0.48	384 lbs	-181 lbs	30-31	0.12	-409 lbs	-409 lbs
14-41	0.30	-1186 lbs	-1186 lbs	8-17	0.15	-132 lbs	-132 lbs	29-32	0.38	-1315 lbs	-1315 lbs
14-26	0.46	-1236 lbs	-1236 lbs					37-38	0.07	-249 lbs	-249 lbs
26-27	0.42	-1236 lbs	-1236 lbs					40-41	0.16	-567 lbs	-567 lbs
27-28	0.25	-369 lbs	-369 lbs					33-35	0.83	-1946 lbs	-1946 lbs
15-28	0.26	-369 lbs	-369 lbs					34-35	0.83	-1946 lbs	-1946 lbs
								22-35	0.13	1378 lbs	-421 lbs
								35-36	0.06	1378 lbs	-421 lbs
								19-20	0.10	1017 lbs	-234 lbs
								25-27	0.10	1092 lbs	-337 lbs
								22-30	0.27	-730 lbs	-730 lbs
								22-29	0.04	146 lbs	-99 lbs
								24-31	0.03	224 lbs	-103 lbs
								32-38	0.07	735 lbs	-246 lbs
								4-21	0.11	1168 lbs	-293 lbs
								23-41	0.11	1145 lbs	-304 lbs
								5-26	0.11	1115 lbs	-328 lbs

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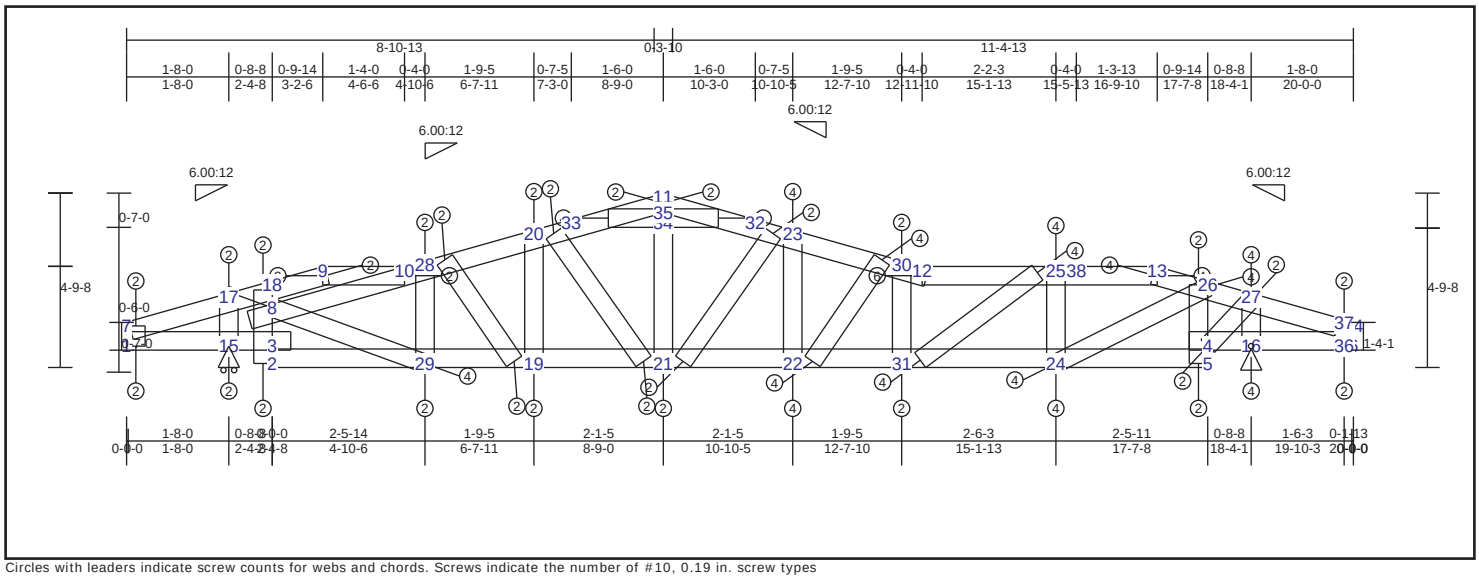
TRUSS TC45 (spacing 24 in)



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 (23 - 30)	TL(V): 0.07 in.	L / 691	(12-25)	L / 360
BC :	0.59 (15 - 3)	LL(V): 0.04 in.	L / 999	(12-25)	L / 360
Web :	0.38 (33 - 34)	DL(V): 0.03 in.	L / 999	(30-12)	L / 0
		Cant / OH TL: 0.04 in.	2L / 999	(12-25)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 999	(12-25)	2L / 360
		Horiz TL: -0.01 in.		26	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(12-25)	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	(12-25)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
15	HRoll		0 lbs	1470 lbs	0 lbs	-480 lbs	0 lbs
16	Pin		230 lbs	1270 lbs	0 lbs	-380 lbs	230 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
4-11-0	20-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-17	0.12	184 lbs	-134 lbs	4-16	0.14	248 lbs	-53 lbs	1-7	0.02	66 lbs	-57 lbs
17-18	0.11	-405 lbs	-405 lbs	16-36	0.08	230 lbs	-53 lbs	19-20	0.09	-205 lbs	-205 lbs
9-18	0.09	-405 lbs	-405 lbs	6-36	0.01	0 lbs	0 lbs	22-23	0.18	1062 lbs	-393 lbs
9-10	0.08	-368 lbs	-368 lbs	2-29	0.17	1095 lbs	-245 lbs	24-25	0.22	-793 lbs	-793 lbs
11-32	0.26	-1179 lbs	-1179 lbs	19-29	0.18	1095 lbs	-245 lbs	15-17	0.10	-369 lbs	-369 lbs
23-32	0.32	-1179 lbs	-1179 lbs	19-21	0.11	1030 lbs	-207 lbs	16-27	0.29	-1078 lbs	-1078 lbs
23-30	0.64	-1673 lbs	-1673 lbs	21-22	0.39	1204 lbs	-297 lbs	28-29	0.10	-366 lbs	-366 lbs
12-30	0.51	-1605 lbs	-1605 lbs	22-31	0.40	1512 lbs	-415 lbs	30-31	0.18	-646 lbs	-646 lbs
12-25	0.35	-1575 lbs	-1575 lbs	24-31	0.40	1512 lbs	-415 lbs	36-37	0.01	35 lbs	-25 lbs
13-25	0.26	-1118 lbs	-1118 lbs	5-24	0.31	1055 lbs	-300 lbs	4-5	0.08	20 lbs	-13 lbs
13-26	0.51	-1043 lbs	-1043 lbs	1-15	0.40	0 lbs	0 lbs	4-26	0.14	-301 lbs	-301 lbs
26-27	0.51	-884 lbs	-884 lbs	3-15	0.59	0 lbs	0 lbs	24-26	0.12	1291 lbs	-372 lbs
27-37	0.33	-432 lbs	-432 lbs					4-27	0.02	183 lbs	-30 lbs
14-37	0.01	64 lbs	-6 lbs					2-3	0.17	19 lbs	-3 lbs
8-10	0.44	-1155 lbs	-1155 lbs					3-8	0.35	-995 lbs	-995 lbs
10-28	0.20	-1307 lbs	-1307 lbs					8-18	0.17	-108 lbs	-108 lbs
20-28	0.27	-1310 lbs	-1310 lbs					8-29	0.07	759 lbs	-191 lbs
20-33	0.24	-1175 lbs	-1175 lbs					33-34	0.38	-1242 lbs	-1242 lbs
11-33	0.24	-1171 lbs	-1171 lbs					32-34	0.38	-1242 lbs	-1242 lbs
								21-34	0.05	530 lbs	-174 lbs
								34-35	0.05	530 lbs	-174 lbs
								20-21	0.06	206 lbs	-107 lbs
								21-23	0.32	-565 lbs	-565 lbs
								22-30	0.30	-857 lbs	-857 lbs
								19-28	0.07	228 lbs	-192 lbs
								25-31	0.07	758 lbs	-208 lbs

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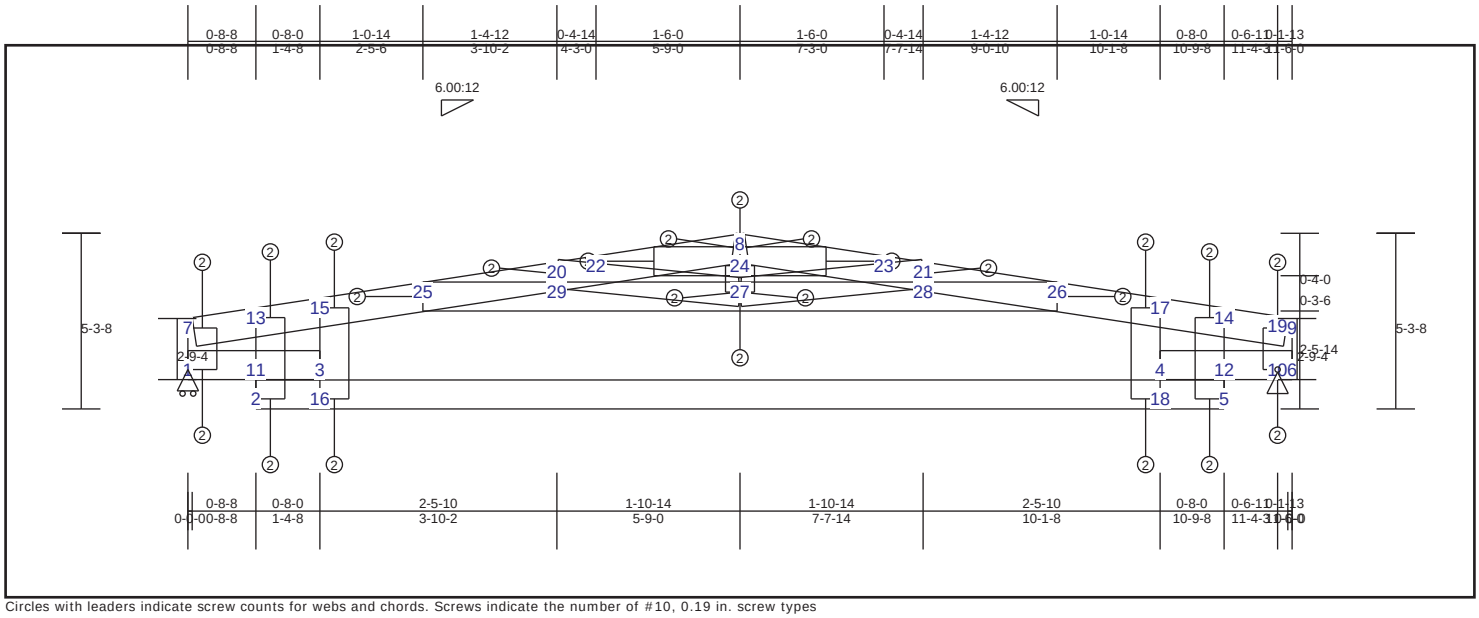
TRUSS TC46 (spacing 24 in)



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 15-16 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.Member 17-18 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 :	0.12 (15 - 25)	TL(V): 0.08 in.	L / 977	(25-20)	L / 360
BC :	0.34 (4 - 12)	LL(V): 0.01 in.	L / 999	(25-20)	L / 360
Web :	0.51 (12 - 14)	DL(V): 0.07 in.	L / 999	(16-18)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(25-20)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(25-20)	2L / 360
		Horiz TL: 0.01 in.		9	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(25-20)	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 999	(25-20)	L / 360

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	-60 lbs	0 lbs
10	Pin		110 lbs	950 lbs	0 lbs	-20 lbs	110 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
5-3-8	11-6-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 21.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-13	0.07	-100 lbs	-100 lbs	1-11	0.24	0 lbs	0 lbs	2-11	0.19	-505 lbs	-505 lbs
13-15	0.09	-280 lbs	-280 lbs	3-11	0.34	22 lbs	-3 lbs	11-13	0.33	-505 lbs	-505 lbs
15-25	0.12	-791 lbs	-791 lbs	4-12	0.34	113 lbs	-42 lbs	5-12	0.19	-447 lbs	-447 lbs
20-25	0.12	-791 lbs	-791 lbs	10-12	0.24	113 lbs	-42 lbs	12-14	0.51	-447 lbs	-447 lbs
20-22	0.06	-791 lbs	-791 lbs	6-10	0.14	113 lbs	-42 lbs	3-16	0.08	772 lbs	-40 lbs
8-22	0.05	-544 lbs	-544 lbs	2-16	0.17	291 lbs	-58 lbs	3-15	0.20	772 lbs	-550 lbs
8-23	0.05	-544 lbs	-544 lbs	16-18	0.33	474 lbs	-92 lbs	4-18	0.04	713 lbs	-80 lbs
21-23	0.06	-791 lbs	-791 lbs	5-18	0.16	291 lbs	-59 lbs	4-17	0.20	713 lbs	-550 lbs
21-26	0.12	-791 lbs	-791 lbs					1-7	0.03	-236 lbs	-236 lbs
17-26	0.12	-791 lbs	-791 lbs					10-19	0.03	-236 lbs	-236 lbs
14-17	0.09	-280 lbs	-280 lbs					22-24	0.07	-404 lbs	-404 lbs
14-19	0.07	-100 lbs	-100 lbs					23-24	0.07	-404 lbs	-404 lbs
9-19	0.04	-100 lbs	-100 lbs					25-26	0.03	205 lbs	-142 lbs
								24-27	0.01	166 lbs	-50 lbs
								21-27	0.04	-268 lbs	-268 lbs
								20-27	0.04	-268 lbs	-268 lbs

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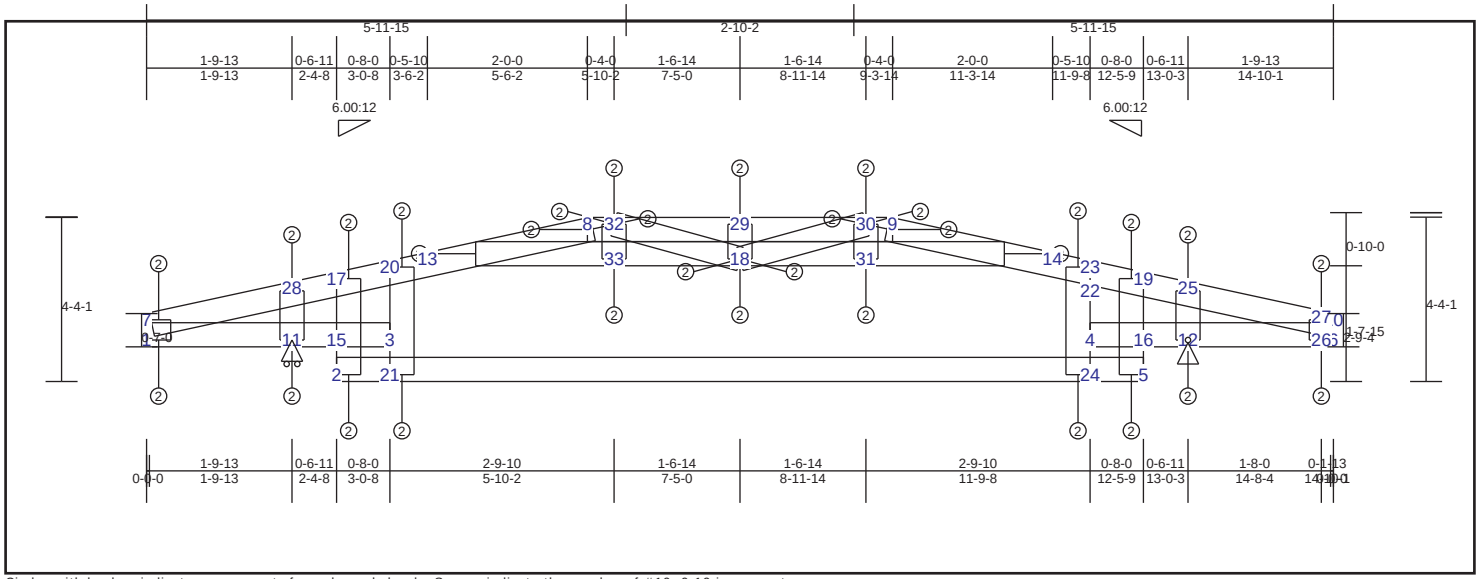
TRUSS TC47 (spacing 24 in)



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 20-21 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.Member 23-24 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 :	0.12 (13 - 8)	TL(V): 0.08 in.	L / 572	(32-29)	L / 360
BC :	0.33 (21 - 24)	LL(V): 0.01 in.	L / 999	(32-29)	L / 360
Web :	0.41 (16 - 19)	DL(V): 0.07 in.	L / 999	(21-24)	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 -0.01 in.	L / 999	(13-8)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	7	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	1200 lbs	0 lbs	-160 lbs	0 lbs
12	Pin		130 lbs	1210 lbs	0 lbs	-20 lbs	130 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
4-5-9	14-10-1

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 = 21.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-28	0.07	175 lbs	-136 lbs	2-21	0.15	224 lbs	-18 lbs	1-7	0.01	76 lbs	-52 lbs
17-28	0.07	175 lbs	-136 lbs	21-24	0.33	390 lbs	-31 lbs	2-15	0.15	-446 lbs	-446 lbs
17-20	0.06	-288 lbs	-288 lbs	5-24	0.15	223 lbs	-20 lbs	15-17	0.26	-446 lbs	-446 lbs
13-20	0.07	-584 lbs	-584 lbs	1-11	0.16	0 lbs	0 lbs	5-16	0.15	-435 lbs	-435 lbs
8-13	0.12	-758 lbs	-758 lbs	11-15	0.17	0 lbs	0 lbs	16-19	0.41	-435 lbs	-435 lbs
9-14	0.12	-756 lbs	-756 lbs	3-15	0.31	29 lbs	-5 lbs	12-25	0.06	-387 lbs	-387 lbs
14-23	0.09	-584 lbs	-584 lbs	4-16	0.31	130 lbs	0 lbs	26-27	0.01	51 lbs	-49 lbs
19-23	0.08	-287 lbs	-287 lbs	12-16	0.16	130 lbs	0 lbs	11-28	0.06	-381 lbs	-381 lbs
19-25	0.06	-137 lbs	-137 lbs	12-26	0.16	130 lbs	0 lbs	3-21	0.08	713 lbs	-29 lbs
25-27	0.07	-137 lbs	-137 lbs	6-26	0.01	0 lbs	0 lbs	3-20	0.17	713 lbs	-475 lbs
10-27	0.01	65 lbs	-16 lbs					4-24	0.05	723 lbs	-44 lbs
8-32	0.08	-697 lbs	-697 lbs					4-23	0.17	723 lbs	-477 lbs
29-32	0.10	-870 lbs	-870 lbs					13-33	0.03	243 lbs	-224 lbs
29-30	0.11	-870 lbs	-870 lbs					18-33	0.04	417 lbs	-269 lbs
9-30	0.08	-694 lbs	-694 lbs					18-31	0.04	417 lbs	-269 lbs
								14-31	0.01	240 lbs	-113 lbs
								30-31	0.00	8 lbs	-5 lbs
								32-33	0.00	8 lbs	-5 lbs
								18-32	0.01	206 lbs	-97 lbs
								18-29	0.04	-257 lbs	-257 lbs
								18-30	0.03	210 lbs	-185 lbs

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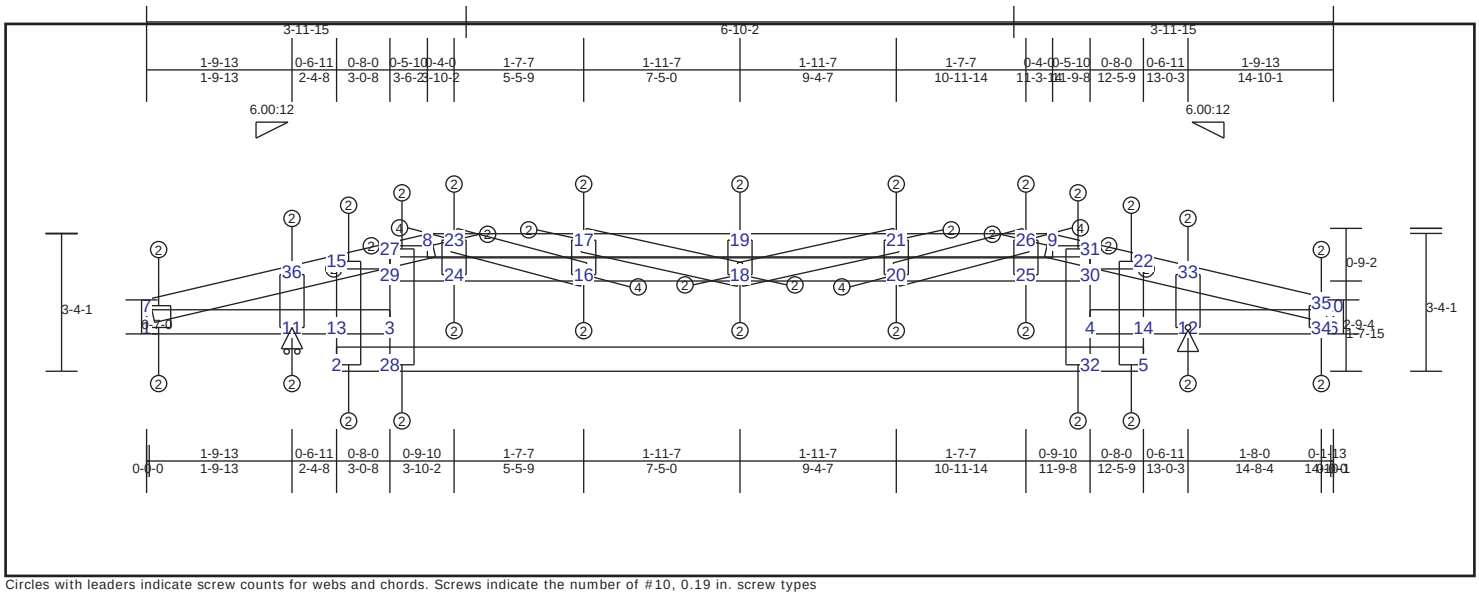
TRUSS TC48 (spacing 24 in)



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 27-28 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.Member 31-32 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 :	0.16 (21 - 26)	TL(V): 0.08 in.	L / 999	(17-19)	L / 360
BC :	0.34 (4 - 14)	LL(V): 0.02 in.	L / 999	(17-19)	L / 360
Web :	0.34 (14 - 22)	DL(V): 0.07 in.	L / 999	(28-32)	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 -0.02 in.	L / 999	(17-19)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	1190 lbs	0 lbs	-270 lbs	0 lbs
12	Pin		90 lbs	1200 lbs	0 lbs	-120 lbs	90 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
3-5-11	14-10-1

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 = 21.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
9-31	0.07	-212 lbs	-212 lbs	2-28	0.15	290 lbs	-42 lbs	1-7	0.01	78 lbs	-53 lbs
22-31	0.06	-212 lbs	-212 lbs	28-32	0.32	488 lbs	-74 lbs	2-13	0.19	-427 lbs	-427 lbs
22-33	0.06	-137 lbs	-137 lbs	5-32	0.15	289 lbs	-49 lbs	13-15	0.33	-427 lbs	-427 lbs
33-35	0.07	-137 lbs	-137 lbs	1-11	0.16	0 lbs	0 lbs	5-14	0.19	-432 lbs	-432 lbs
10-35	0.01	66 lbs	-16 lbs	11-13	0.16	0 lbs	0 lbs	14-22	0.34	-432 lbs	-432 lbs
8-23	0.10	71 lbs	-65 lbs	3-13	0.34	-86 lbs	-86 lbs	12-33	0.06	-388 lbs	-388 lbs
17-23	0.16	-900 lbs	-900 lbs	4-14	0.34	95 lbs	-87 lbs	34-35	0.01	54 lbs	-50 lbs
17-19	0.13	-1156 lbs	-1156 lbs	12-14	0.16	95 lbs	0 lbs	11-36	0.06	-381 lbs	-381 lbs
19-21	0.13	-1156 lbs	-1156 lbs	12-34	0.16	95 lbs	0 lbs	3-28	0.08	715 lbs	-12 lbs
21-26	0.16	-894 lbs	-894 lbs	6-34	0.01	0 lbs	0 lbs	3-29	0.19	715 lbs	-552 lbs
9-26	0.10	-81 lbs	-81 lbs					27-29	0.11	-552 lbs	-552 lbs
7-36	0.07	184 lbs	-135 lbs					4-32	0.04	720 lbs	-12 lbs
15-36	0.06	184 lbs	-135 lbs					4-30	0.19	720 lbs	-553 lbs
15-27	0.05	-214 lbs	-214 lbs					30-31	0.11	-553 lbs	-553 lbs
8-27	0.07	-214 lbs	-214 lbs					24-29	0.11	-567 lbs	-567 lbs
								16-24	0.11	-567 lbs	-567 lbs
								16-18	0.10	628 lbs	-426 lbs
								18-20	0.10	628 lbs	-426 lbs
								20-25	0.11	-577 lbs	-577 lbs
								25-30	0.11	-577 lbs	-577 lbs
								16-17	0.12	-461 lbs	-461 lbs
								18-19	0.05	-184 lbs	-184 lbs
								20-21	0.12	-465 lbs	-465 lbs
								23-24	0.08	-294 lbs	-294 lbs
								25-26	0.08	-292 lbs	-292 lbs
								16-23	0.13	1079 lbs	-494 lbs
								20-26	0.14	1085 lbs	-520 lbs
								17-18	0.03	284 lbs	-178 lbs
								18-21	0.03	290 lbs	-179 lbs

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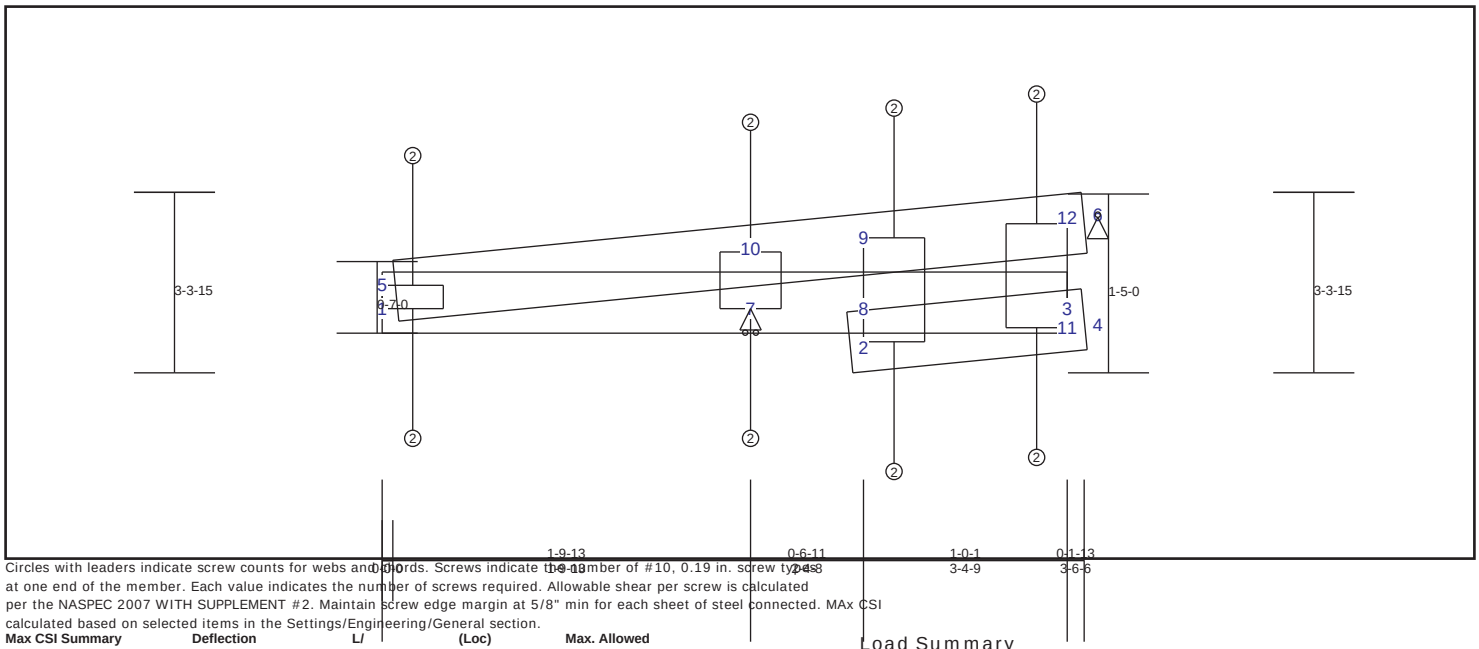
TRUSS TC49 (spacing 24 in)



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 :	0.17 (5 - 10)	TL(V): 0 in.	L / 999	5	L / 360
BC :	0.15 (1 - 7)	LL(V): 0 in.	L / 999	5	L / 360
Web :	0.11 (7 - 10)	DL(V): 0 in.	L / 999	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.		5	
		Web :			
		Snow/Wind -0.01 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		130 lbs	80 lbs	-10 lbs	-50 lbs	130 lbs
7	HRoll		0 lbs	480 lbs	0 lbs	-220 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
3-3-2	3-6-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-10	0.17	119 lbs	-100 lbs	2-11	0.01	-15 lbs	-15 lbs	2-8	0.01	11 lbs	-4 lbs
9-10	0.15	119 lbs	-100 lbs	4-11	0.00	-3 lbs	-3 lbs	8-9	0.01	-26 lbs	-26 lbs
9-12	0.07	149 lbs	-100 lbs	1-7	0.15	0 lbs	0 lbs	7-10	0.11	-298 lbs	-298 lbs
6-12	0.02	149 lbs	-96 lbs	7-8	0.15	0 lbs	0 lbs	3-11	0.01	16 lbs	-3 lbs
				3-8	0.08	10 lbs	-7 lbs	3-12	0.01	45 lbs	-33 lbs
								1-5	0.02	-48 lbs	-48 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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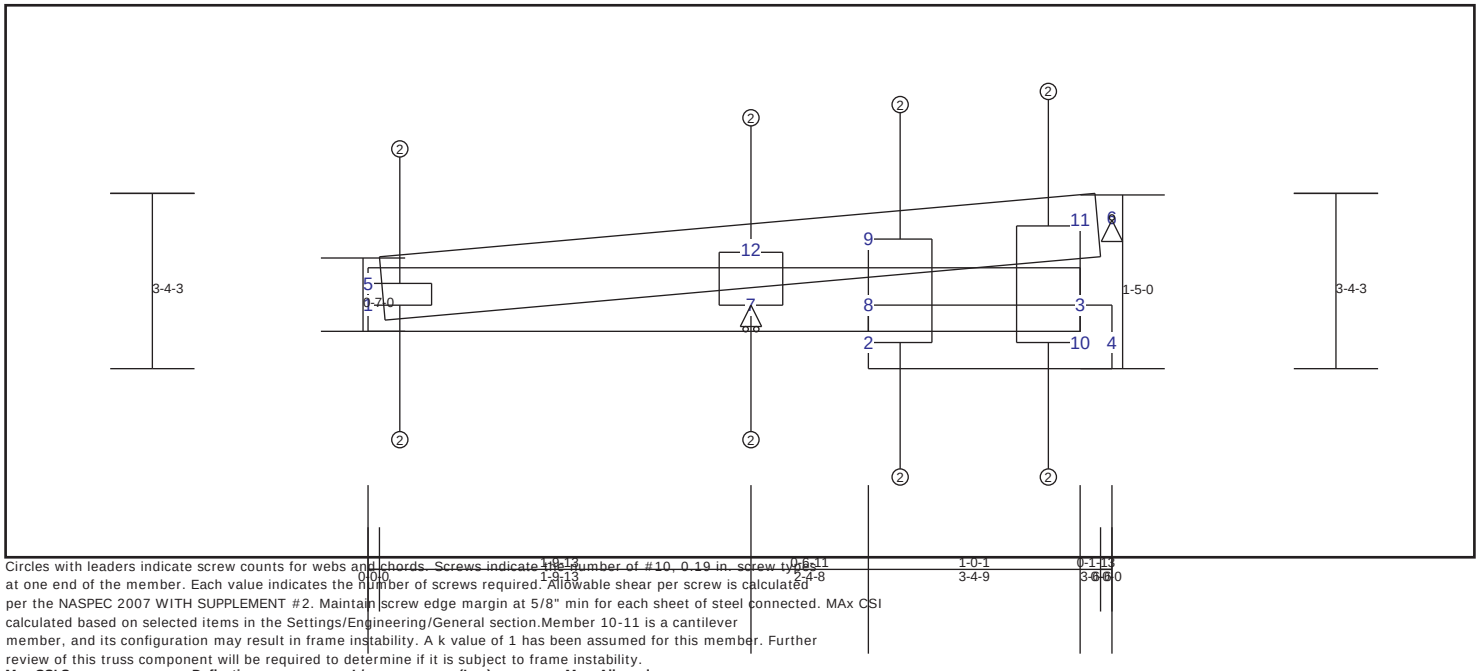
TRUSS TC50 (spacing 24 in)



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 10-11 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 (5 - 12)	TL(V): 0 in.	L / 999	5	L / 360
BC :	0.15 (1 - 7)	LL(V): 0 in.	L / 999	5	L / 360
Web :	0.11 (7 - 12)	DL(V): 0 in.	L / 999	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.		5	
		Web :			
		Snow/Wind -0.01 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		130 lbs	80 lbs	-10 lbs	-50 lbs	130 lbs
7	HRoll		0 lbs	470 lbs	0 lbs	-220 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
3-3-6	3-6-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-12	0.17	119 lbs	-100 lbs	2-10	0.01	-7 lbs	-7 lbs	1-5	0.02	-48 lbs	-48 lbs
9-12	0.15	119 lbs	-100 lbs	4-10	0.00	0 lbs	0 lbs	2-8	0.01	6 lbs	0 lbs
9-11	0.07	148 lbs	-100 lbs	1-7	0.15	0 lbs	0 lbs	8-9	0.01	-27 lbs	-27 lbs
6-11	0.02	148 lbs	-96 lbs	7-8	0.15	0 lbs	0 lbs	7-12	0.11	-297 lbs	-297 lbs
				3-8	0.08	5 lbs	-3 lbs	3-10	0.01	14 lbs	0 lbs
								3-11	0.01	43 lbs	-34 lbs

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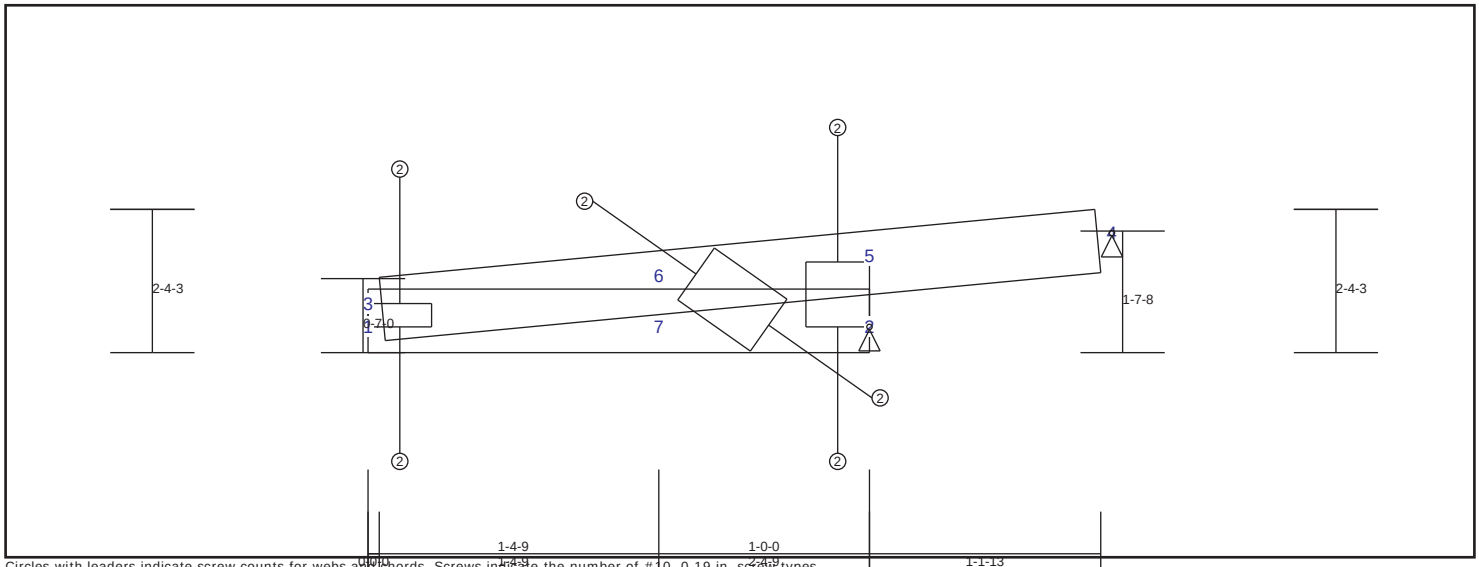
TRUSS TC51 (spacing 24 in)



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 :	0.34 (6 - 5)	TL(V): 0.05 in.	L / 999	3	L / 360
BC :	0.19 (1 - 2)	LL(V): 0.02 in.	L / 999	3	L / 360
Web :	0.10 (6 - 2)	DL(V): 0.02 in.	L / 999	3	L / 0
		Cant / OH TL: 0.02 in.	2L / 145	3	2L / 360
		Cant / OH LL: 0.02 in.	2L / 145	3	2L / 360
		Horiz TL: 0.01 in.		3	
		Web :			
		Snow/Wind -0.03 in.	L / 999	3	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 109	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-70 lbs	500 lbs	0 lbs	-280 lbs	-70 lbs
4	Pin		130 lbs	-100 lbs	-60 lbs	-100 lbs	130 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
2-3-6	3-6-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.29	89 lbs	-15 lbs	1-2	0.19	-72 lbs	-72 lbs	1-3	0.01	63 lbs	-34 lbs
5-6	0.34	132 lbs	-83 lbs					2-5	0.09	-262 lbs	-262 lbs
4-5	0.23	132 lbs	-83 lbs					2-6	0.10	-277 lbs	-277 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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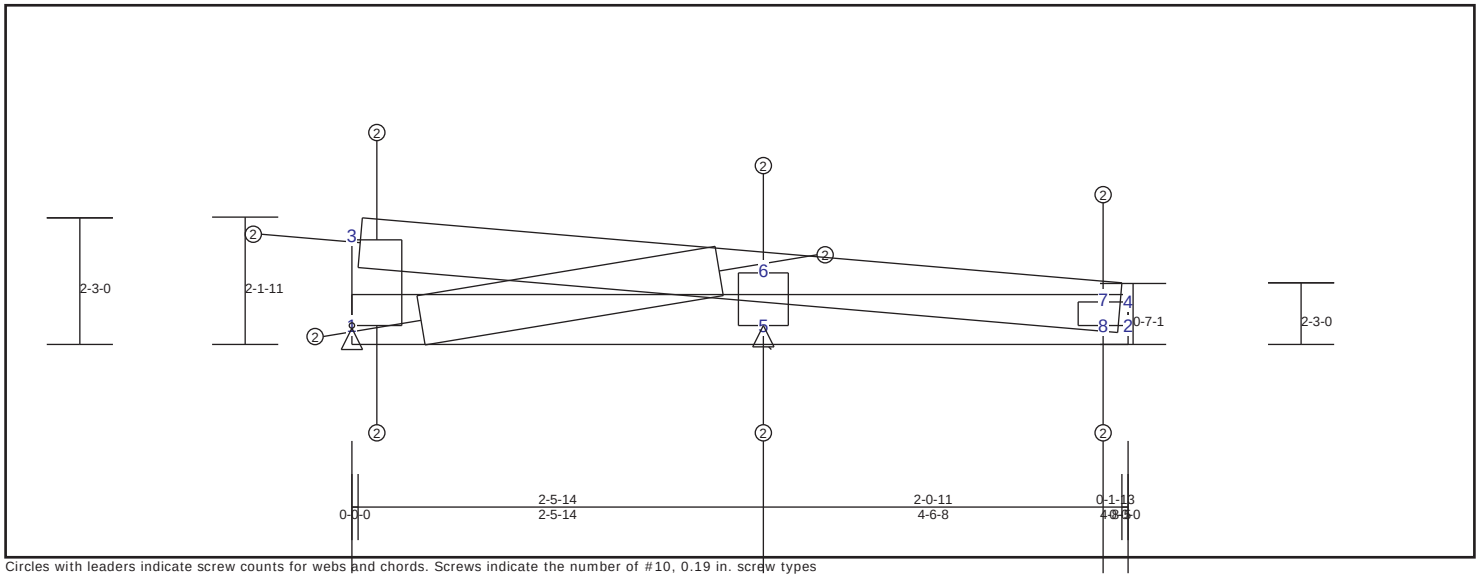
TRUSS TC52 (spacing 24 in)



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 :	0.21 (6 - 7)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.24 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.12 (5 - 6)	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.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	(8-2)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 0	(8-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-100 lbs	460 lbs	0 lbs	-90 lbs	-100 lbs
5	Fixed		-10 lbs	460 lbs	0 lbs	-120 lbs	-10 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
2-2-9	4-8-5

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	70 lbs	-70 lbs	1-5	0.24	102 lbs	-64 lbs	1-3	0.02	-66 lbs	-66 lbs
6-7	0.21	70 lbs	-70 lbs	5-8	0.24	-15 lbs	-15 lbs	5-6	0.12	-330 lbs	-330 lbs
4-7	0.03	43 lbs	-18 lbs	2-8	0.04	0 lbs	0 lbs	7-8	0.02	-65 lbs	-65 lbs
								1-6	0.03	142 lbs	-88 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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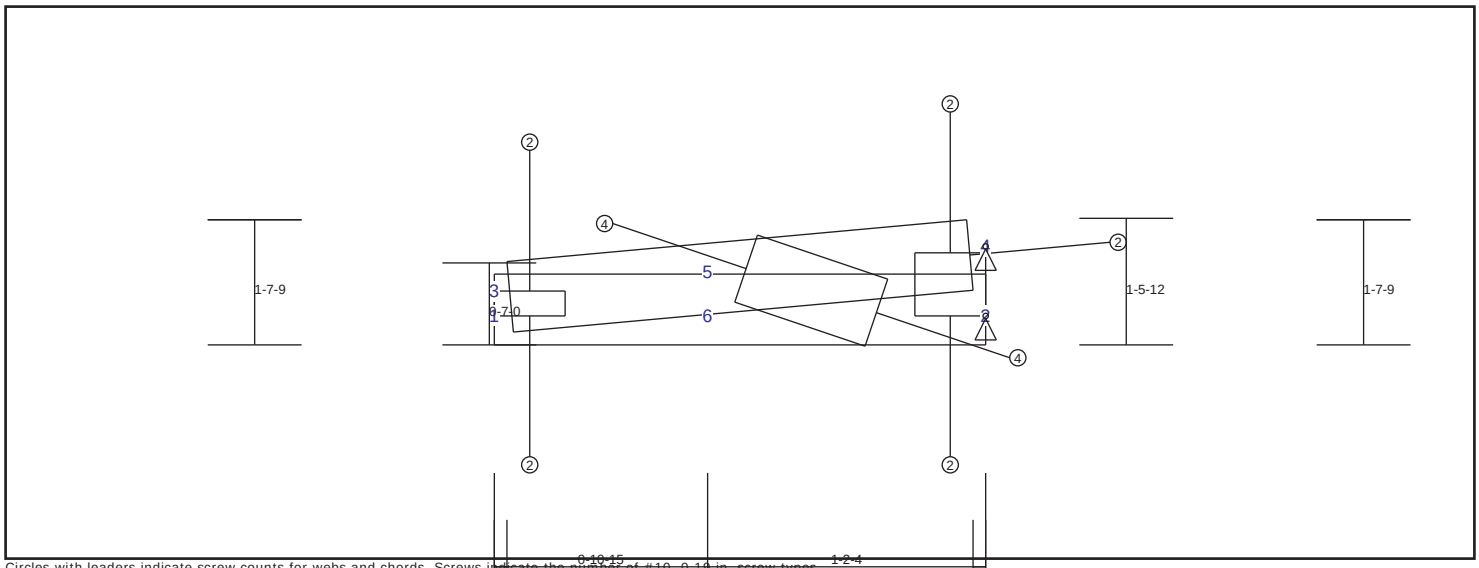
TRUSS TC53 (spacing 24 in)



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 (5 - 4)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.24 (1 - 2)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.15 (5 - 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 -0.01 in.	L / 999	3	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 311	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-200 lbs	310 lbs	0 lbs	-130 lbs	-200 lbs
4	Pin		170 lbs	-70 lbs	-50 lbs	-70 lbs	170 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
1-6-12	2-1-2

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.18	83 lbs	-23 lbs	1-2	0.24	-196 lbs	-196 lbs	2-4	0.00	0 lbs	0 lbs
4-5	0.25	126 lbs	-31 lbs					1-3	0.02	87 lbs	-51 lbs
								2-5	0.15	-413 lbs	-413 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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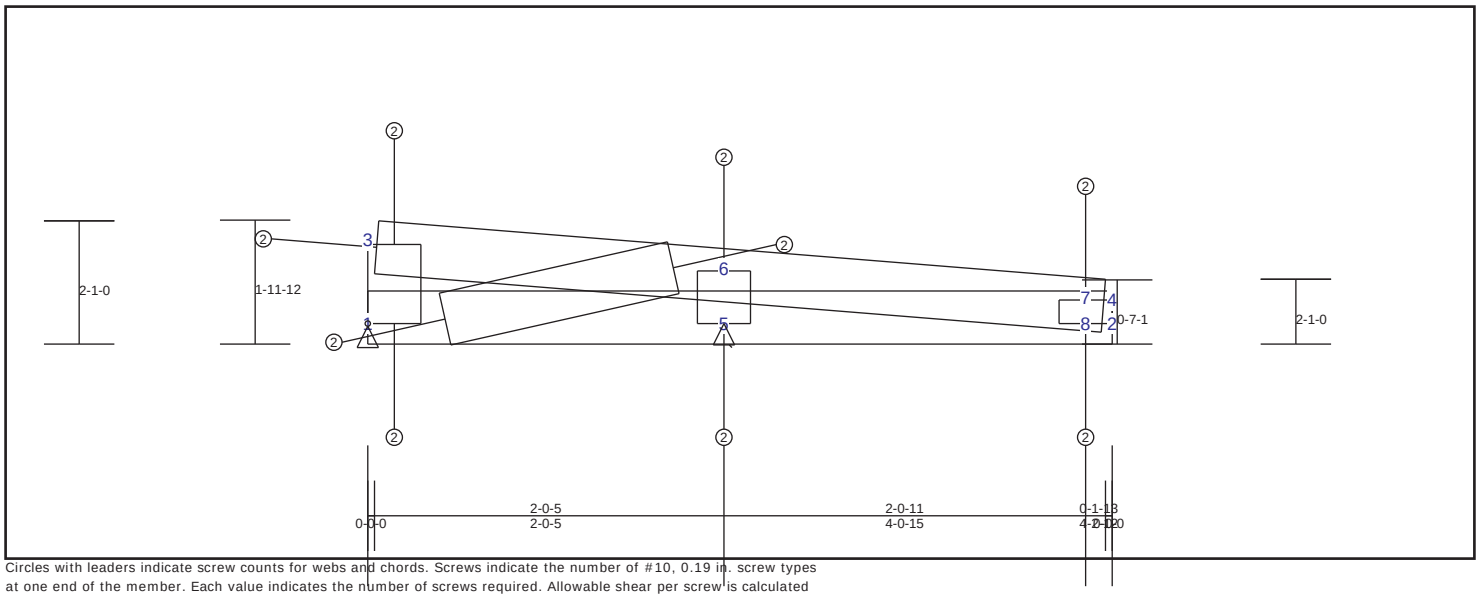
TRUSS TC54 (spacing 24 in)



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 (6 - 7)	TL(V): 0.01 in.	L / 999	4	L / 360
BC :	0.25 (1 - 5)	LL(V): 0.01 in.	L / 999	4	L / 360
Web :	0.11 (5 - 6)	DL(V): 0 in.	L / 999	(3-6)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	4	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	4	2L / 360
		Horiz TL: 0 in.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-120 lbs	440 lbs	0 lbs	-140 lbs	-120 lbs
5	Fixed		-20 lbs	440 lbs	0 lbs	-140 lbs	-20 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
2-0-9	4-2-12

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.17	69 lbs	-64 lbs	1-5	0.25	116 lbs	-54 lbs	1-3	0.01	51 lbs	-26 lbs
6-7	0.20	69 lbs	-64 lbs	5-8	0.25	-25 lbs	-25 lbs	5-6	0.11	-311 lbs	-311 lbs
4-7	0.03	42 lbs	-18 lbs	2-8	0.04	0 lbs	0 lbs	7-8	0.02	-67 lbs	-67 lbs
								1-6	0.03	198 lbs	-92 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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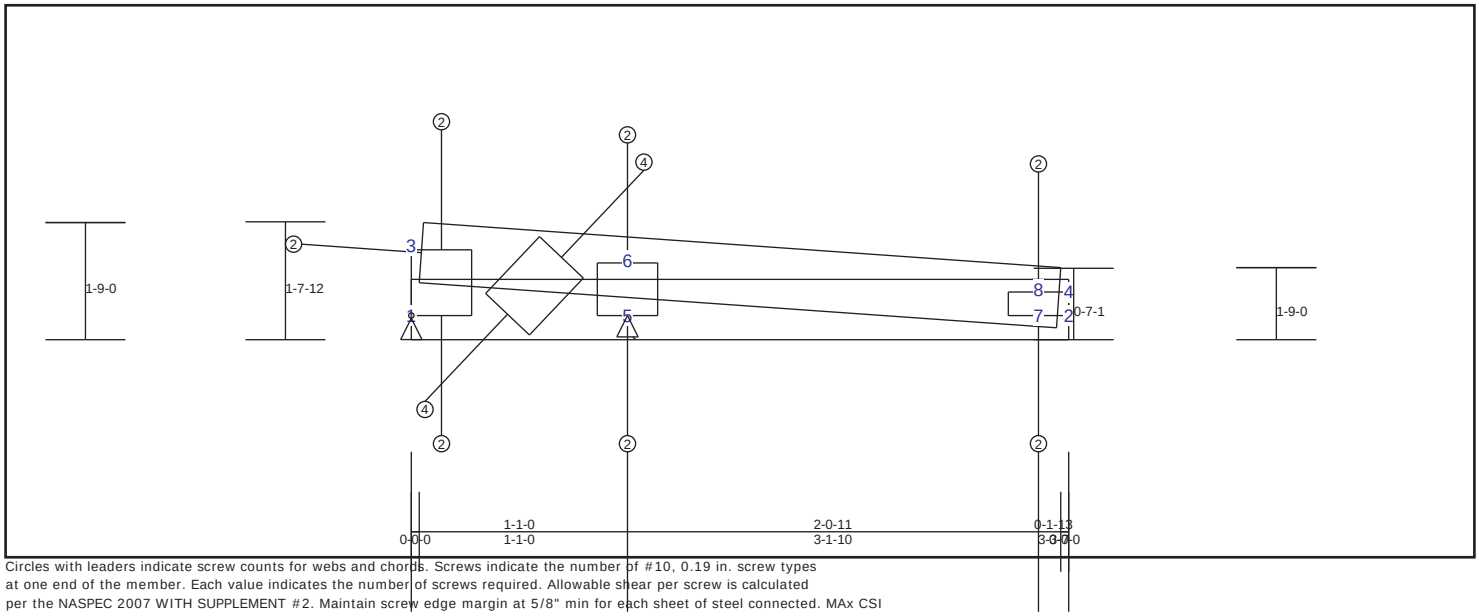
TRUSS TC55 (spacing 24 in)



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 :	0.28 (3 - 6)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.24 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.12 (5 - 6)	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.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	(7-2)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 999	(7-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-60 lbs	470 lbs	0 lbs	-40 lbs	-60 lbs
5	Fixed		-40 lbs	470 lbs	0 lbs	-170 lbs	-40 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
1-8-9	3-3-7

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.28	78 lbs	-68 lbs	1-5	0.24	61 lbs	-38 lbs	1-3	0.08	-233 lbs	-233 lbs
6-8	0.21	-55 lbs	-55 lbs	5-7	0.24	-38 lbs	-38 lbs	5-6	0.12	-331 lbs	-331 lbs
4-8	0.03	44 lbs	-17 lbs	2-7	0.04	0 lbs	0 lbs	7-8	0.02	-65 lbs	-65 lbs
								1-6	0.10	532 lbs	-270 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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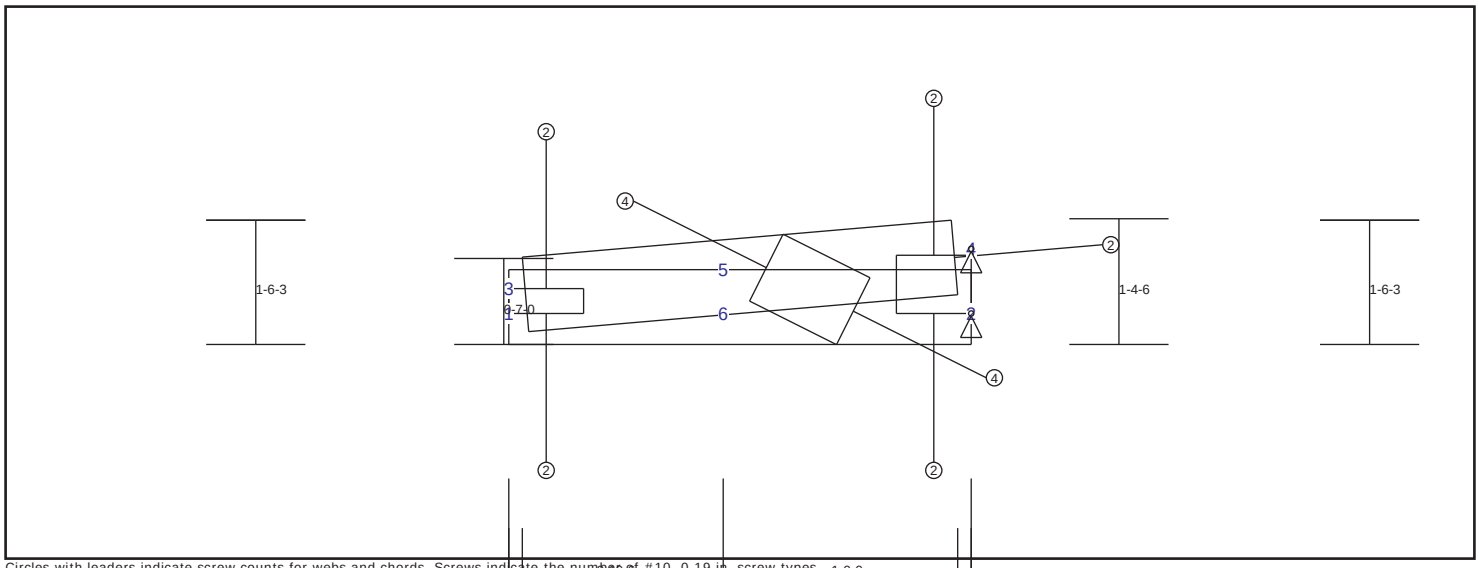
TRUSS TC56 (spacing 24 in)



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 (5 - 4)	TL(V): 0.02 in.	L / 999	3	L / 360
BC :	0.31 (1 - 2)	LL(V): 0.01 in.	L / 999	3	L / 360
Web :	0.18 (5 - 2)	DL(V): 0.01 in.	L / 999	3	L / 0
		Cant / OH TL: 0.01 in.	2L / 311	3	2L / 360
		Cant / OH LL: 0.01 in.	2L / 311	3	2L / 360
		Horiz TL: 0.01 in.		3	
		Web :			
		Snow/Wind -0.02 in.	L / 999	3	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 230	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-170 lbs	390 lbs	0 lbs	-180 lbs	-170 lbs
4	Pin		150 lbs	-180 lbs	-130 lbs	-180 lbs	150 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
1-5-6	1-10-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.21	97 lbs	-35 lbs	1-2	0.31	-167 lbs	-167 lbs	1-3	0.03	125 lbs	-79 lbs
4-5	0.30	97 lbs	-35 lbs					2-4	0.00	0 lbs	0 lbs
								2-5	0.18	-515 lbs	-515 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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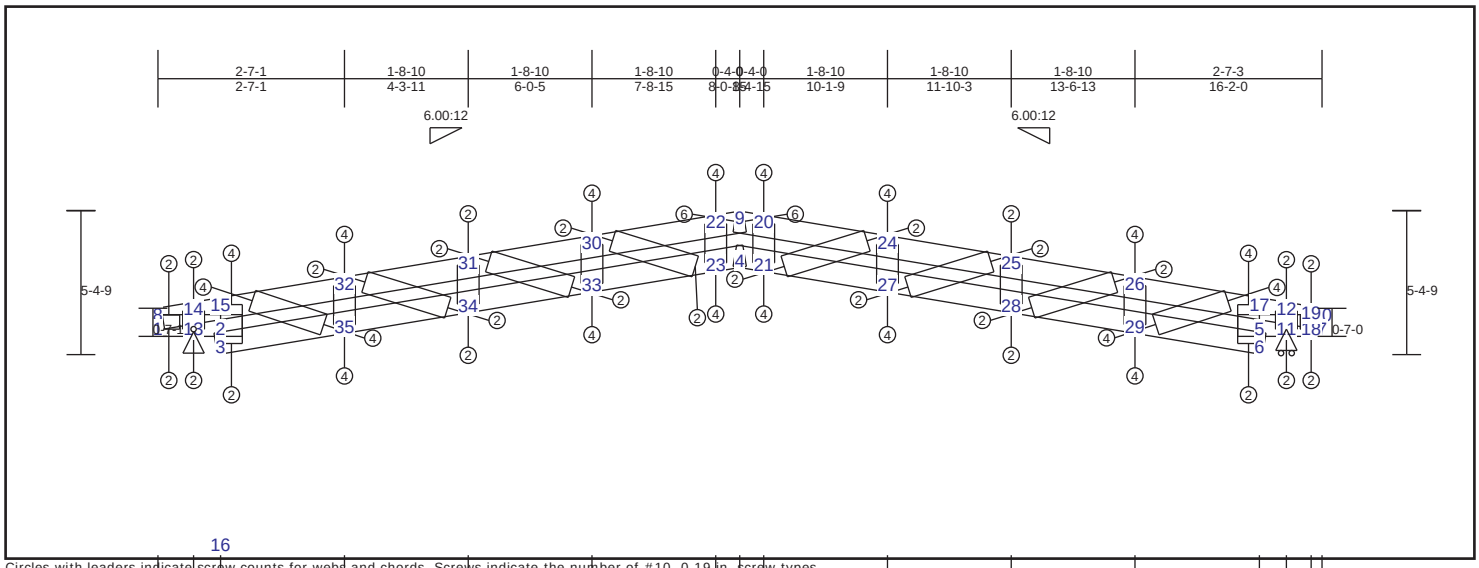
TRUSS TD01 (spacing 24 in)



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. 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 (20 - 24)	TL(V): 0.12 in.	L / 769	(4-21)	L / 360
BC :	0.43 (23 - 4)	LL(V): 0.07 in.	L / 999	(4-21)	L / 360
Web :	0.22 (2 - 15)	DL(V): 0.06 in.	L / 999	(4-21)	L / 0
		Cant / OH TL: 0.07 in.	2L / 999	(4-21)	2L / 360
		Cant / OH LL: 0.07 in.	2L / 999	(4-21)	2L / 360
		Horiz TL: 0.06 in.		6	
		Web :			
		Snow/Wind -0.06 in.	L / 999	(4-21)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 999	(4-21)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	940 lbs	0 lbs	-310 lbs	0 lbs
13	Pin		-60 lbs	940 lbs	0 lbs	-300 lbs	-60 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
5-4-9	16-2-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-14	0.02	57 lbs	-31 lbs	1-13	0.19	60 lbs	-51 lbs	1-8	0.01	-82 lbs	-82 lbs
14-15	0.03	57 lbs	-2 lbs	2-13	0.32	60 lbs	-51 lbs	11-12	0.01	118 lbs	-47 lbs
15-32	0.22	-1573 lbs	-1573 lbs	5-11	0.32	0 lbs	0 lbs	13-14	0.01	120 lbs	-58 lbs
31-32	0.21	-2111 lbs	-2111 lbs	11-18	0.19	0 lbs	0 lbs	2-3	0.09	-210 lbs	-210 lbs
30-31	0.28	-2646 lbs	-2646 lbs	7-18	0.02	0 lbs	0 lbs	2-15	0.22	-1169 lbs	-1169 lbs
22-30	0.39	-2709 lbs	-2709 lbs	3-35	0.19	733 lbs	-437 lbs	5-6	0.09	-208 lbs	-208 lbs
9-22	0.30	-2078 lbs	-2078 lbs	34-35	0.28	1568 lbs	-881 lbs	5-17	0.22	-1167 lbs	-1167 lbs
9-20	0.30	-2077 lbs	-2077 lbs	33-34	0.34	2120 lbs	-1115 lbs	18-19	0.01	-81 lbs	-81 lbs
20-24	0.39	-2710 lbs	-2710 lbs	23-33	0.41	2598 lbs	-1243 lbs	22-23	0.11	1295 lbs	-711 lbs
24-25	0.28	-2648 lbs	-2648 lbs	4-23	0.43	2598 lbs	-1207 lbs	20-21	0.10	1298 lbs	-651 lbs
25-26	0.21	-2114 lbs	-2114 lbs	4-21	0.42	2598 lbs	-1173 lbs	24-27	0.13	-861 lbs	-861 lbs
17-26	0.22	-1578 lbs	-1578 lbs	21-27	0.40	2598 lbs	-1173 lbs	25-28	0.11	-718 lbs	-718 lbs
12-17	0.03	59 lbs	0 lbs	27-28	0.31	2123 lbs	-1019 lbs	26-29	0.18	-1201 lbs	-1201 lbs
12-19	0.02	59 lbs	-31 lbs	28-29	0.25	1573 lbs	-802 lbs	30-33	0.13	-865 lbs	-865 lbs
10-19	0.01	-31 lbs	-31 lbs	6-29	0.18	741 lbs	-392 lbs	31-34	0.11	-721 lbs	-721 lbs
								32-35	0.18	-1207 lbs	-1207 lbs
								21-24	0.02	304 lbs	-27 lbs
								25-27	0.04	609 lbs	-241 lbs
								26-28	0.06	796 lbs	-376 lbs
								17-29	0.08	1035 lbs	-537 lbs
								23-30	0.01	281 lbs	-27 lbs
								31-33	0.03	612 lbs	-209 lbs
								32-34	0.06	799 lbs	-395 lbs
								15-35	0.09	1036 lbs	-574 lbs

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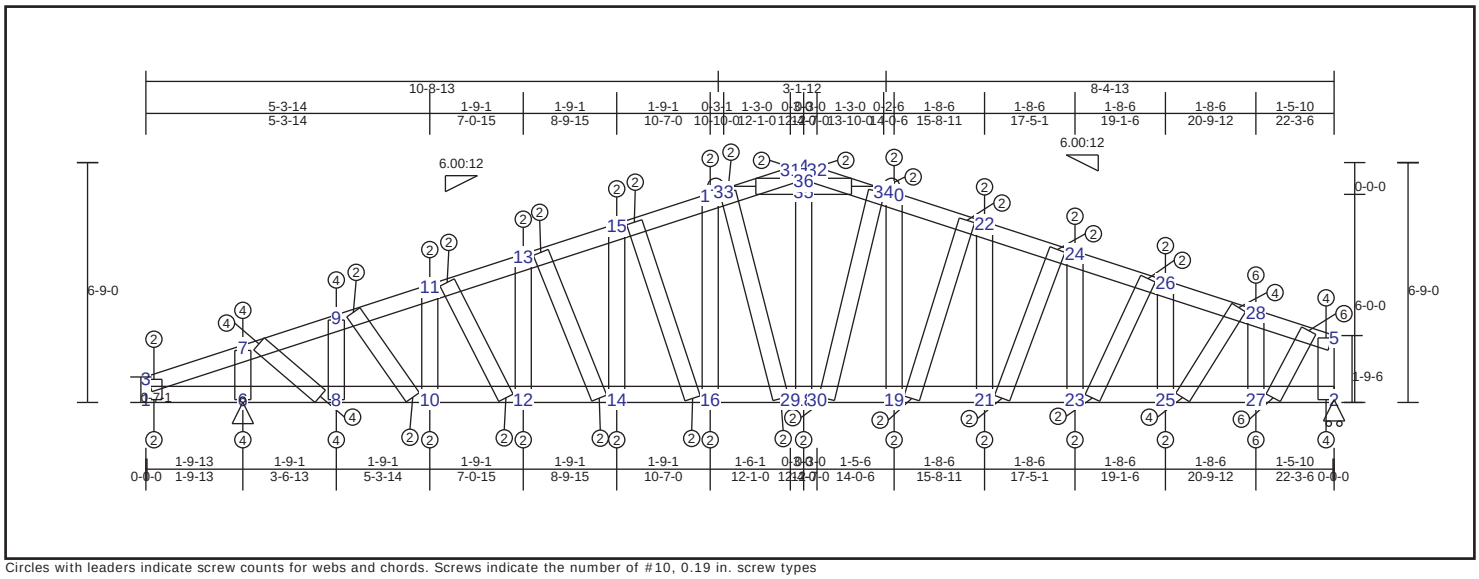
TRUSS TD02 (spacing 24 in)



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 :	0.35 (28 - 5)	TL(V): 0.04 in.	L / 999	22	L / 360
BC :	0.34 (25 - 27)	LL(V): 0.02 in.	L / 999	22	L / 360
Web :	0.34 (16 - 17)	DL(V): 0.02 in.	L / 999	22	L / 0
		Cant / OH TL: 0.01 in.	2L / 1	5	2L / 360
		Cant / OH LL: 0.01 in.	2L / 1	5	2L / 360
		Horiz TL: 0.01 in.		5	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(22-24)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 1	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		80 lbs	1380 lbs	0 lbs	-390 lbs	80 lbs
6	Pin		160 lbs	1380 lbs	0 lbs	-470 lbs	160 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
6-9-0	22-3-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
3-7	0.25	-576 lbs	-576 lbs	1-6	0.06	-158 lbs	-158 lbs
7-9	0.26	-1250 lbs	-1250 lbs	6-8	0.21	820 lbs	-567 lbs
9-11	0.15	-1351 lbs	-1351 lbs	8-10	0.22	1090 lbs	-691 lbs
11-13	0.13	-1351 lbs	-1351 lbs	10-12	0.22	1135 lbs	-691 lbs
13-15	0.13	-1306 lbs	-1306 lbs	12-14	0.23	1135 lbs	-683 lbs
15-17	0.15	-1239 lbs	-1239 lbs	14-16	0.20	1090 lbs	-621 lbs
17-33	0.12	-996 lbs	-996 lbs	16-29	0.17	989 lbs	-525 lbs
4-33	0.15	-1029 lbs	-1029 lbs	18-29	0.18	963 lbs	-492 lbs
4-34	0.14	-1022 lbs	-1022 lbs	18-30	0.18	963 lbs	-492 lbs
20-34	0.11	-1022 lbs	-1022 lbs	19-30	0.18	968 lbs	-491 lbs
20-22	0.14	-1202 lbs	-1202 lbs	19-21	0.18	1038 lbs	-537 lbs
22-24	0.12	-1239 lbs	-1239 lbs	21-23	0.18	1049 lbs	-554 lbs
24-26	0.13	-1272 lbs	-1272 lbs	23-25	0.18	1049 lbs	-554 lbs
26-28	0.20	-1272 lbs	-1272 lbs	25-27	0.34	959 lbs	-526 lbs
5-28	0.35	-1117 lbs	-1117 lbs	2-27	0.34	582 lbs	-330 lbs

Web			
1-3	0.00	27 lbs	-2 lbs
6-7	0.22	-1463 lbs	-1463 lbs
8-9	0.17	-1108 lbs	-1108 lbs
10-11	0.12	-429 lbs	-429 lbs
12-13	0.04	-85 lbs	-85 lbs
14-15	0.17	-282 lbs	-282 lbs
16-17	0.34	425 lbs	-397 lbs
19-20	0.27	-309 lbs	-309 lbs
21-22	0.12	-201 lbs	-201 lbs
23-24	0.08	-186 lbs	-186 lbs
25-26	0.19	-666 lbs	-666 lbs
27-28	0.31	-1780 lbs	-1780 lbs
2-5	0.21	-1371 lbs	-1371 lbs
33-35	0.15	-1271 lbs	-1271 lbs
34-35	0.15	-1271 lbs	-1271 lbs
18-35	0.04	250 lbs	-187 lbs
35-36	0.04	250 lbs	-187 lbs
7-8	0.10	1332 lbs	-677 lbs
9-10	0.06	651 lbs	-312 lbs
11-12	0.01	157 lbs	-29 lbs
13-14	0.09	245 lbs	-178 lbs
15-16	0.32	-479 lbs	-479 lbs
17-29	0.15	201 lbs	-159 lbs
20-30	0.03	117 lbs	-37 lbs
19-22	0.24	378 lbs	-355 lbs

Web			
21-24	0.03	160 lbs	-57 lbs
23-26	0.05	308 lbs	-134 lbs
25-28	0.12	1003 lbs	-528 lbs
5-27	0.15	1789 lbs	-1013 lbs

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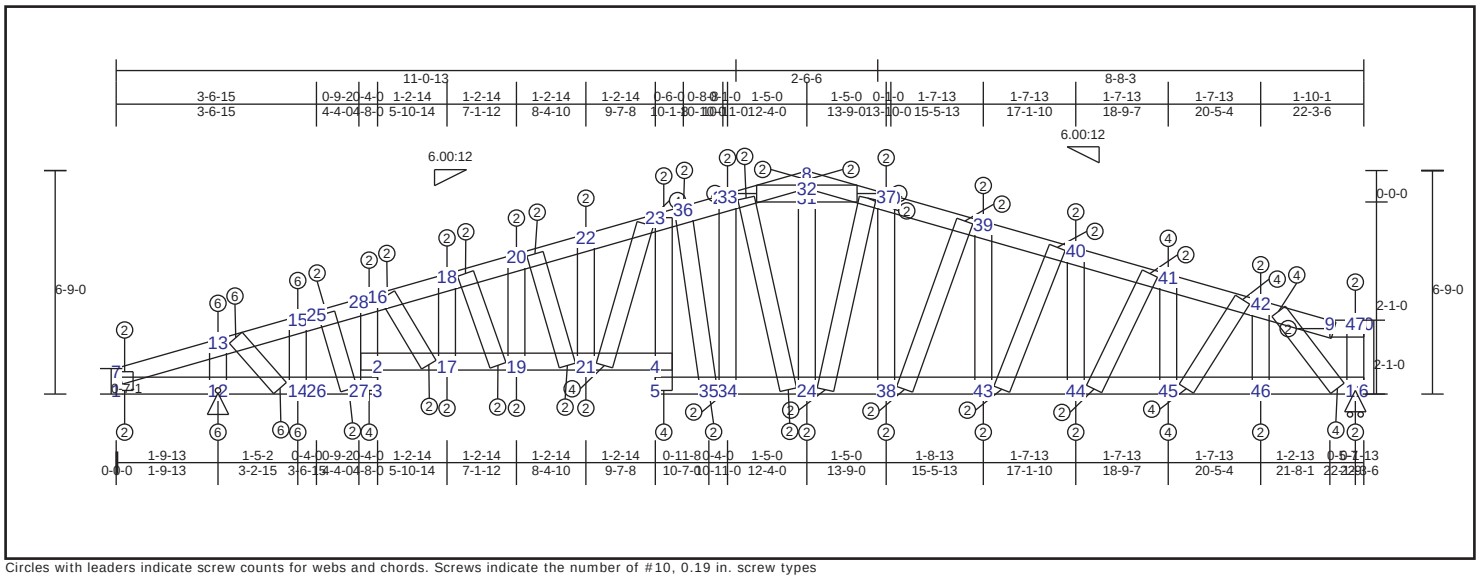
TRUSS TD03 (spacing 24 in)



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 :	0.37 (41 - 42)	TL(V): 0.08 in.	L / 999	(22-23)	L / 360
BC :	0.35 (21 - 4)	LL(V): 0.05 in.	L / 999	(22-23)	L / 360
Web :	0.53 (36 - 35)	DL(V): 0.04 in.	L / 999	(22-23)	L / 0
		Cant / OH TL: 0.04 in.	2L / 0	23	2L / 360
		Cant / OH LL: 0.04 in.	2L / 0	23	2L / 360
		Horiz TL: 0.03 in.		9	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(20-22)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 0	23	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	1170 lbs	0 lbs	-390 lbs	0 lbs
12	Pin		180 lbs	1380 lbs	0 lbs	-470 lbs	180 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
6-9-3	22-3-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-13	0.29	-677 lbs	-677 lbs	2-17	0.29	1415 lbs	-895 lbs	1-7	0.00	35 lbs	-4 lbs	20-21	0.17	-499 lbs	-499 lbs
13-15	0.31	-1357 lbs	-1357 lbs	17-19	0.30	1415 lbs	-895 lbs	12-13	0.25	-1701 lbs	-1701 lbs	21-23	0.47	1213 lbs	-878 lbs
15-25	0.25	-1357 lbs	-1357 lbs	19-21	0.25	1387 lbs	-847 lbs	14-15	0.25	-1634 lbs	-1634 lbs	25-27	0.07	793 lbs	-386 lbs
16-25	0.22	-1602 lbs	-1602 lbs	4-21	0.35	1305 lbs	-769 lbs	2-3	0.27	-425 lbs	-425 lbs	24-33	0.13	194 lbs	-136 lbs
16-18	0.27	-1605 lbs	-1605 lbs	1-12	0.06	-176 lbs	-176 lbs	2-16	0.44	-719 lbs	-719 lbs	24-37	0.13	-135 lbs	-135 lbs
18-20	0.17	-1630 lbs	-1630 lbs	12-14	0.31	845 lbs	-593 lbs	17-18	0.07	-323 lbs	-323 lbs	38-39	0.24	363 lbs	-344 lbs
20-22	0.15	-1641 lbs	-1641 lbs	14-27	0.26	975 lbs	-654 lbs	19-20	0.12	-410 lbs	-410 lbs	40-43	0.05	187 lbs	-96 lbs
22-23	0.30	-1641 lbs	-1641 lbs	3-27	0.19	975 lbs	-654 lbs	21-22	0.11	-276 lbs	-276 lbs	41-44	0.06	340 lbs	-154 lbs
23-36	0.17	-1265 lbs	-1265 lbs	5-35	0.19	1051 lbs	-590 lbs	4-5	0.30	138 lbs	-107 lbs	42-45	0.12	966 lbs	-503 lbs
29-36	0.14	-1265 lbs	-1265 lbs	34-35	0.20	996 lbs	-543 lbs	4-23	0.51	-459 lbs	-459 lbs	11-42	0.32	-1594 lbs	-1594 lbs
29-33	0.10	-1265 lbs	-1265 lbs	24-34	0.20	996 lbs	-543 lbs	35-36	0.53	-667 lbs	-667 lbs				
8-33	0.17	-1008 lbs	-1008 lbs	24-38	0.20	979 lbs	-519 lbs	39-43	0.14	-213 lbs	-213 lbs				
9-47	0.01	0 lbs	0 lbs	38-43	0.18	1035 lbs	-547 lbs	40-44	0.05	-113 lbs	-113 lbs				
10-47	0.01	0 lbs	0 lbs	43-44	0.19	1056 lbs	-567 lbs	41-45	0.34	-1059 lbs	-1059 lbs				
8-37	0.13	-1019 lbs	-1019 lbs	44-45	0.21	1056 lbs	-567 lbs	42-46	0.04	362 lbs	-202 lbs				
30-37	0.11	-1184 lbs	-1184 lbs	45-46	0.21	965 lbs	-536 lbs	11-47	0.01	43 lbs	-40 lbs				
30-39	0.12	-1184 lbs	-1184 lbs	11-46	0.31	637 lbs	-373 lbs	29-31	0.12	-1314 lbs	-1314 lbs				
39-40	0.12	-1230 lbs	-1230 lbs	6-11	0.22	0 lbs	0 lbs	30-31	0.12	-1314 lbs	-1314 lbs				
40-41	0.14	-1304 lbs	-1304 lbs					24-31	0.03	106 lbs	-78 lbs				
41-42	0.37	-1304 lbs	-1304 lbs					31-32	0.03	106 lbs	-78 lbs				
9-42	0.27	-1183 lbs	-1183 lbs					33-34	0.48	582 lbs	-519 lbs				
								37-38	0.25	-274 lbs	-274 lbs				
								13-14	0.14	1840 lbs	-928 lbs				
								16-17	0.05	653 lbs	-301 lbs				
								18-19	0.03	246 lbs	-145 lbs				

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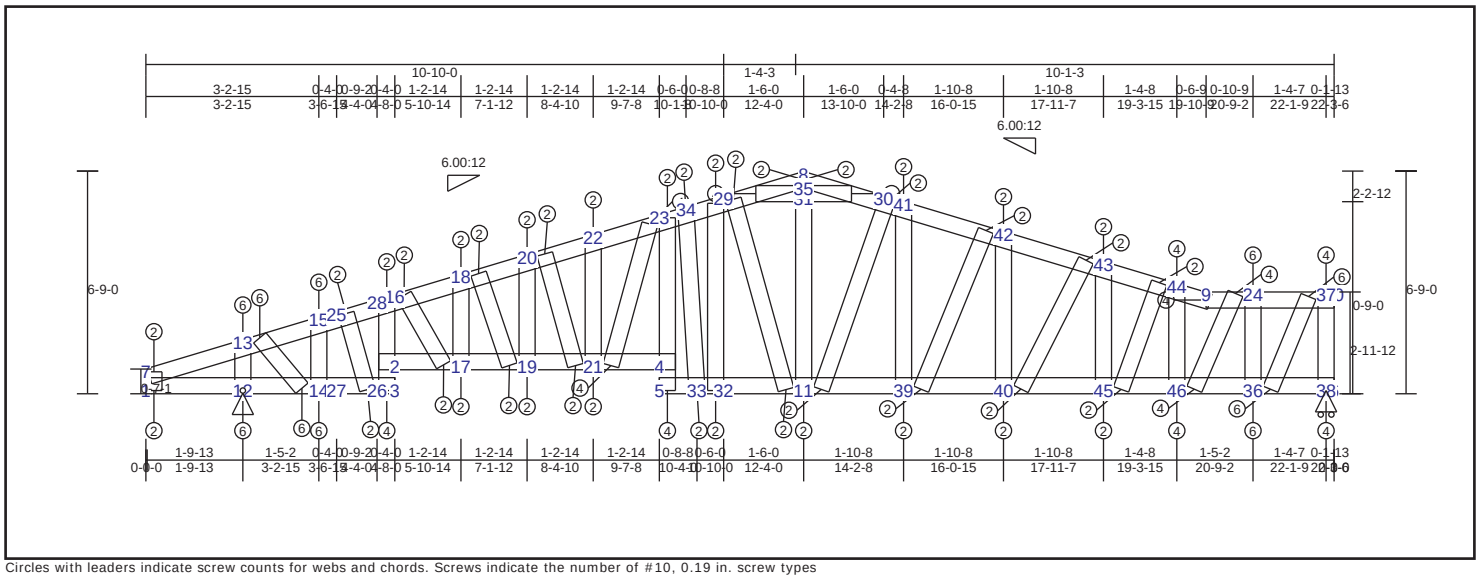
TRUSS TD04 (spacing 24 in)



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 :	0.40 (24 - 37)	TL(V): 0.09 in.	L / 999	(22-23)	L / 360
BC :	0.44 (46 - 36)	LL(V): 0.05 in.	L / 999	(22-23)	L / 360
Web :	0.57 (36 - 24)	DL(V): 0.04 in.	L / 999	(22-23)	L / 0
		Cant / OH TL: 0.05 in.	2L / 0	23	2L / 360
		Cant / OH LL: 0.05 in.	2L / 0	23	2L / 360
		Horiz TL: 0.03 in.		22	
		Web :			
		Snow/Wind -0.06 in.	L / 999	(22-23)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 0	23	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
12	Pin		230 lbs	1370 lbs	0 lbs	-470 lbs	230 lbs
38	HRoll		0 lbs	1170 lbs	0 lbs	-410 lbs	0 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
6-9-2	22-3-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-13	0.29	-676 lbs	-676 lbs	2-17	0.31	1426 lbs	-954 lbs	1-7	0.00	35 lbs	-3 lbs	20-21	0.17	-521 lbs	-521 lbs
13-15	0.31	-1354 lbs	-1354 lbs	17-19	0.32	1426 lbs	-954 lbs	12-13	0.25	-1699 lbs	-1699 lbs	21-23	0.50	1245 lbs	-935 lbs
15-25	0.25	-1354 lbs	-1354 lbs	19-21	0.27	1396 lbs	-902 lbs	14-15	0.25	-1631 lbs	-1631 lbs	25-26	0.06	790 lbs	-372 lbs
16-25	0.22	-1603 lbs	-1603 lbs	4-21	0.35	1311 lbs	-819 lbs	2-3	0.28	-424 lbs	-424 lbs	11-29	0.30	334 lbs	-307 lbs
16-18	0.28	-1604 lbs	-1604 lbs	1-12	0.08	-228 lbs	-228 lbs	2-16	0.44	-720 lbs	-720 lbs	36-37	0.35	2413 lbs	-1400 lbs
18-20	0.17	-1630 lbs	-1630 lbs	12-14	0.31	854 lbs	-640 lbs	17-18	0.07	-318 lbs	-318 lbs	11-41	0.04	99 lbs	-47 lbs
20-22	0.15	-1656 lbs	-1656 lbs	14-26	0.26	984 lbs	-700 lbs	19-20	0.13	-445 lbs	-445 lbs	39-42	0.20	-309 lbs	-309 lbs
22-23	0.33	-1656 lbs	-1656 lbs	3-26	0.21	984 lbs	-700 lbs	21-22	0.13	-320 lbs	-320 lbs	40-43	0.00	79 lbs	-9 lbs
23-34	0.18	-1248 lbs	-1248 lbs	5-33	0.20	1049 lbs	-628 lbs	4-5	0.30	83 lbs	-49 lbs	44-45	0.09	552 lbs	-300 lbs
29-34	0.11	-1248 lbs	-1248 lbs	32-33	0.23	1030 lbs	-612 lbs	4-23	0.52	-502 lbs	-502 lbs	24-46	0.20	1411 lbs	-807 lbs
8-29	0.20	-1063 lbs	-1063 lbs	11-32	0.22	1030 lbs	-612 lbs	33-34	0.41	-527 lbs	-527 lbs				
9-24	0.36	-929 lbs	-929 lbs	11-39	0.21	985 lbs	-557 lbs	24-36	0.57	-2344 lbs	-2344 lbs				
24-37	0.40	-576 lbs	-576 lbs	39-40	0.20	1058 lbs	-599 lbs	37-38	0.35	-1483 lbs	-1483 lbs				
10-37	0.29	0 lbs	0 lbs	40-45	0.19	1058 lbs	-599 lbs	39-41	0.19	246 lbs	-235 lbs				
8-30	0.15	-1033 lbs	-1033 lbs	45-46	0.28	1045 lbs	-598 lbs	40-42	0.05	-83 lbs	-83 lbs				
30-41	0.12	-1037 lbs	-1037 lbs	36-46	0.44	929 lbs	-535 lbs	43-45	0.05	-141 lbs	-141 lbs				
41-42	0.15	-1205 lbs	-1205 lbs	36-38	0.44	576 lbs	-334 lbs	44-46	0.38	-1370 lbs	-1370 lbs				
42-43	0.13	-1246 lbs	-1246 lbs	6-38	0.06	0 lbs	0 lbs	29-32	0.42	540 lbs	-474 lbs				
43-44	0.23	-1373 lbs	-1373 lbs					29-31	0.18	-1382 lbs	-1382 lbs				
9-44	0.26	-1373 lbs	-1373 lbs					30-31	0.18	-1382 lbs	-1382 lbs				
								11-31	0.06	347 lbs	-262 lbs				
								31-35	0.06	347 lbs	-262 lbs				
								13-14	0.14	1837 lbs	-919 lbs				
								16-17	0.05	654 lbs	-314 lbs				
								18-19	0.04	264 lbs	-153 lbs				

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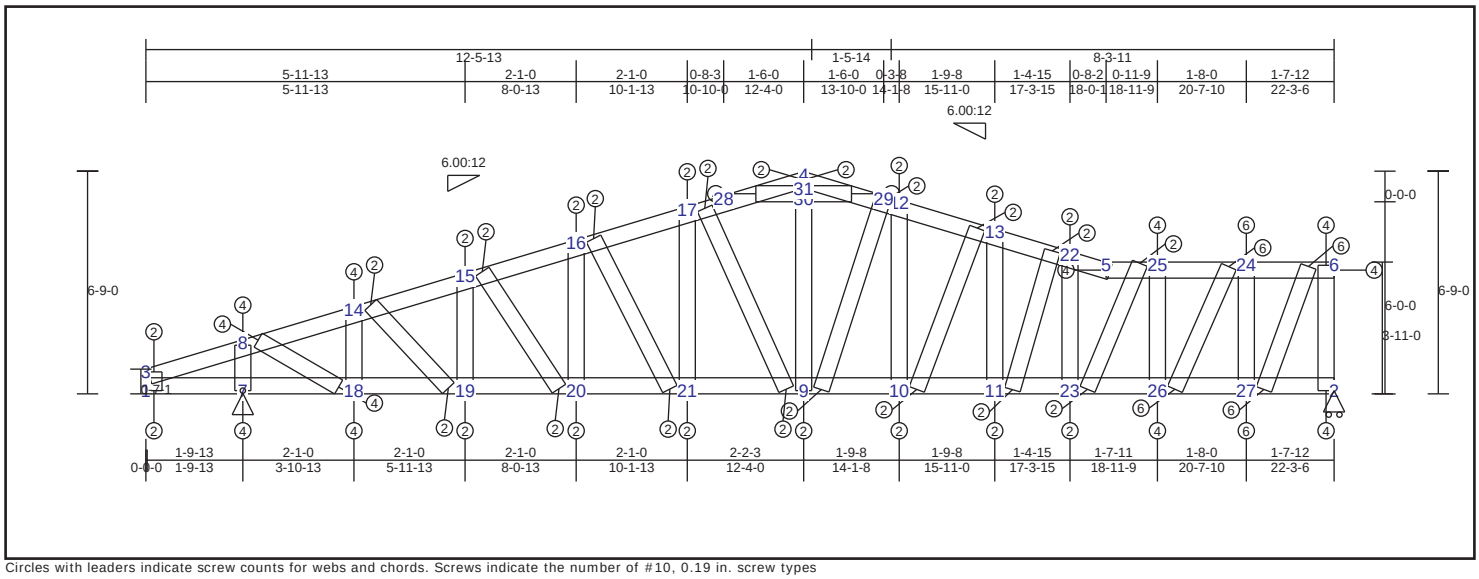
TRUSS TD05 (spacing 24 in)



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 :	0.35 (24 - 6)	TL(V): 0.07 in.	L / 999	(22-5)	L / 360
BC :	0.38 (26 - 27)	LL(V): 0.04 in.	L / 999	(22-5)	L / 360
Web :	0.87 (27 - 24)	DL(V): 0.03 in.	L / 999	(5-25)	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.		17	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(22-5)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		280 lbs	1370 lbs	0 lbs	-420 lbs	280 lbs
7	Pin		280 lbs	1370 lbs	0 lbs	-460 lbs	280 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
6-9-0	22-3-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord			
3-8	0.24	-553 lbs	-553 lbs	1-7	0.09	-282 lbs	-282 lbs
8-14	0.24	-1275 lbs	-1275 lbs	7-18	0.24	927 lbs	-725 lbs
14-15	0.15	-1333 lbs	-1333 lbs	18-19	0.25	1150 lbs	-814 lbs
15-16	0.13	-1333 lbs	-1333 lbs	19-20	0.25	1150 lbs	-814 lbs
16-17	0.16	-1253 lbs	-1253 lbs	20-21	0.25	1144 lbs	-768 lbs
17-28	0.12	-1065 lbs	-1065 lbs	9-21	0.21	1034 lbs	-659 lbs
4-28	0.15	-1065 lbs	-1065 lbs	9-10	0.21	987 lbs	-591 lbs
4-29	0.13	-1032 lbs	-1032 lbs	10-11	0.22	1068 lbs	-644 lbs
12-29	0.12	-1032 lbs	-1032 lbs	11-23	0.22	1068 lbs	-646 lbs
12-13	0.14	-1193 lbs	-1193 lbs	23-26	0.30	1068 lbs	-646 lbs
13-22	0.22	-1332 lbs	-1332 lbs	26-27	0.38	911 lbs	-554 lbs
5-22	0.24	-1332 lbs	-1332 lbs	2-27	0.38	395 lbs	-241 lbs
5-25	0.30	-1068 lbs	-1068 lbs				
24-25	0.33	-911 lbs	-911 lbs				
6-24	0.35	-395 lbs	-395 lbs				

Web			
7-8	0.21	-1414 lbs	-1414 lbs
1-3	0.00	26 lbs	-2 lbs
11-13	0.14	356 lbs	-231 lbs
10-12	0.18	271 lbs	-211 lbs
14-18	0.15	-878 lbs	-878 lbs
15-19	0.08	-261 lbs	-261 lbs
16-20	0.08	-164 lbs	-164 lbs
17-21	0.26	359 lbs	-334 lbs
22-23	0.34	-750 lbs	-750 lbs
2-6	0.52	-1316 lbs	-1316 lbs
25-26	0.60	-1503 lbs	-1503 lbs
24-27	0.87	-2125 lbs	-2125 lbs
28-30	0.18	-1199 lbs	-1199 lbs
29-30	0.18	-1199 lbs	-1199 lbs
9-30	0.07	400 lbs	-295 lbs
30-31	0.07	400 lbs	-295 lbs
10-13	0.24	-367 lbs	-367 lbs
8-18	0.09	1235 lbs	-618 lbs
15-20	0.01	127 lbs	-36 lbs
16-21	0.23	-378 lbs	-378 lbs
14-19	0.05	456 lbs	-193 lbs
11-22	0.00	35 lbs	-8 lbs
9-17	0.23	277 lbs	-259 lbs
9-12	0.10	117 lbs	-103 lbs
24-26	0.52	2019 lbs	-1225 lbs

Web			
6-27	0.47	1860 lbs	-1135 lbs
23-25	0.15	649 lbs	-380 lbs

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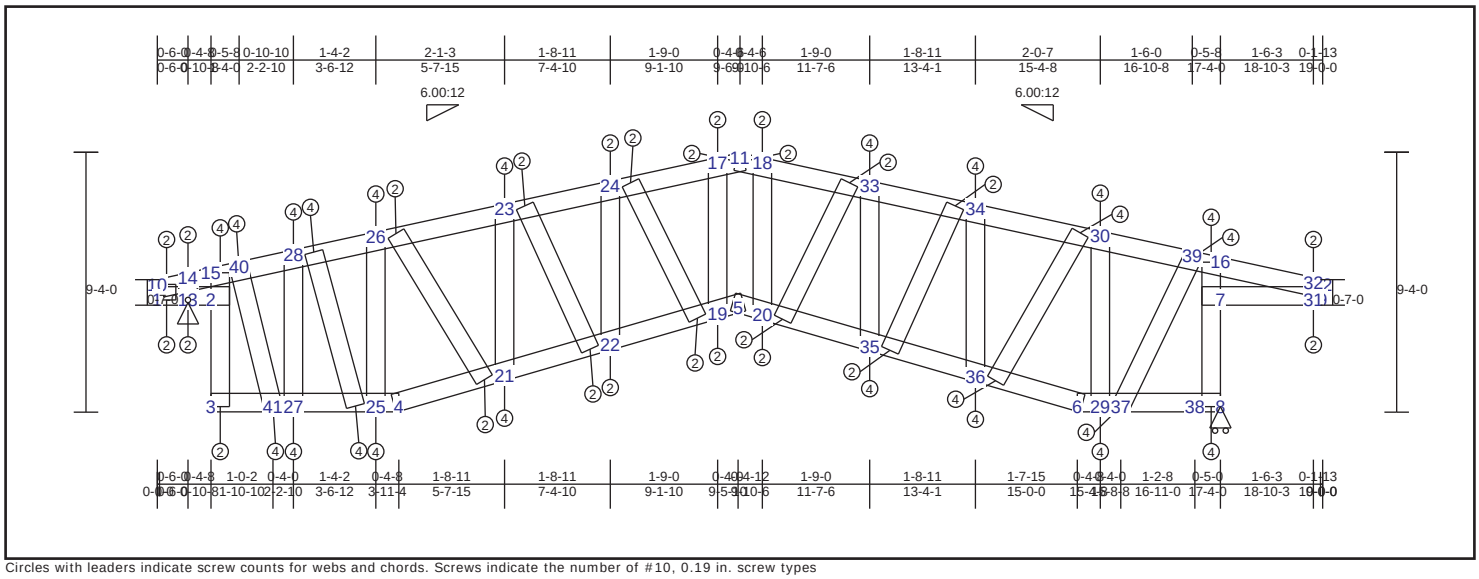
TRUSS TD06 (spacing 24 in)



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 :	0.25 (15 - 40)	TL(V): 0.08 in.	L / 966	(5-20)	L / 360
BC :	0.34 (13 - 2)	LL(V): 0.05 in.	L / 999	(5-20)	L / 360
Web :	0.33 (29 - 30)	DL(V): 0.04 in.	L / 999	(24-17)	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	(5-20)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	(5-20)	2L / 360
		Horiz TL: 0.05 in.		8	
		Web :			
		Snow/Wind -0.04 in.	L / 999	24	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	24	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
8	HRoll		0 lbs	1190 lbs	0 lbs	-390 lbs	0 lbs
13	Pin		-70 lbs	1020 lbs	0 lbs	-330 lbs	-70 lbs
16	NA		0 lbs	1190 lbs	0 lbs	-390 lbs	0 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
9-4-6	19-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-14	0.01	55 lbs	-31 lbs	1-13	0.20	70 lbs	-62 lbs	1-10	0.01	-81 lbs	-81 lbs
14-15	0.02	55 lbs	-4 lbs	2-13	0.34	70 lbs	-62 lbs	13-14	0.01	87 lbs	-53 lbs
15-40	0.25	-612 lbs	-612 lbs	7-31	0.03	0 lbs	0 lbs	2-3	0.24	-245 lbs	-245 lbs
28-40	0.18	-733 lbs	-733 lbs	9-31	0.01	0 lbs	0 lbs	2-15	0.25	-1253 lbs	-1253 lbs
26-28	0.19	-780 lbs	-780 lbs	4-21	0.14	517 lbs	-285 lbs	7-8	0.18	-1349 lbs	-1349 lbs
23-26	0.17	-921 lbs	-921 lbs	21-22	0.14	759 lbs	-392 lbs	7-16	0.31	-1369 lbs	-1369 lbs
23-24	0.12	-999 lbs	-999 lbs	19-22	0.14	930 lbs	-460 lbs	17-19	0.29	484 lbs	-374 lbs
17-24	0.16	-999 lbs	-999 lbs	5-19	0.16	845 lbs	-460 lbs	18-20	0.18	-229 lbs	-229 lbs
11-17	0.12	-656 lbs	-656 lbs	5-20	0.13	695 lbs	-331 lbs	25-26	0.26	-1017 lbs	-1017 lbs
11-18	0.09	-764 lbs	-764 lbs	20-35	0.17	905 lbs	-389 lbs	27-28	0.44	-1509 lbs	-1509 lbs
18-33	0.13	-1041 lbs	-1041 lbs	35-36	0.16	641 lbs	-291 lbs	29-30	0.33	-1152 lbs	-1152 lbs
33-34	0.15	-1041 lbs	-1041 lbs	6-36	0.17	359 lbs	-162 lbs	31-32	0.00	51 lbs	-3 lbs
30-34	0.18	-877 lbs	-877 lbs	3-41	0.26	260 lbs	-154 lbs	22-24	0.57	-632 lbs	-632 lbs
30-39	0.18	-695 lbs	-695 lbs	27-41	0.25	260 lbs	-154 lbs	21-23	0.86	-829 lbs	-829 lbs
16-39	0.24	-530 lbs	-530 lbs	25-27	0.25	382 lbs	-221 lbs	33-35	0.92	-967 lbs	-967 lbs
16-32	0.07	92 lbs	-1 lbs	4-25	0.15	382 lbs	-221 lbs	34-36	0.23	-1017 lbs	-1017 lbs
12-32	0.01	92 lbs	-1 lbs	6-29	0.18	237 lbs	-112 lbs	37-39	0.45	1104 lbs	-539 lbs
				29-37	0.21	237 lbs	-112 lbs	40-41	0.58	1455 lbs	-833 lbs
				8-37	0.22	237 lbs	-112 lbs	25-28	0.50	1050 lbs	-567 lbs
								21-26	0.27	730 lbs	-326 lbs
								22-23	0.10	520 lbs	-132 lbs
								19-24	0.03	331 lbs	-43 lbs
								20-33	0.10	579 lbs	-155 lbs
								34-35	0.23	761 lbs	-306 lbs
								30-36	0.34	893 lbs	-409 lbs

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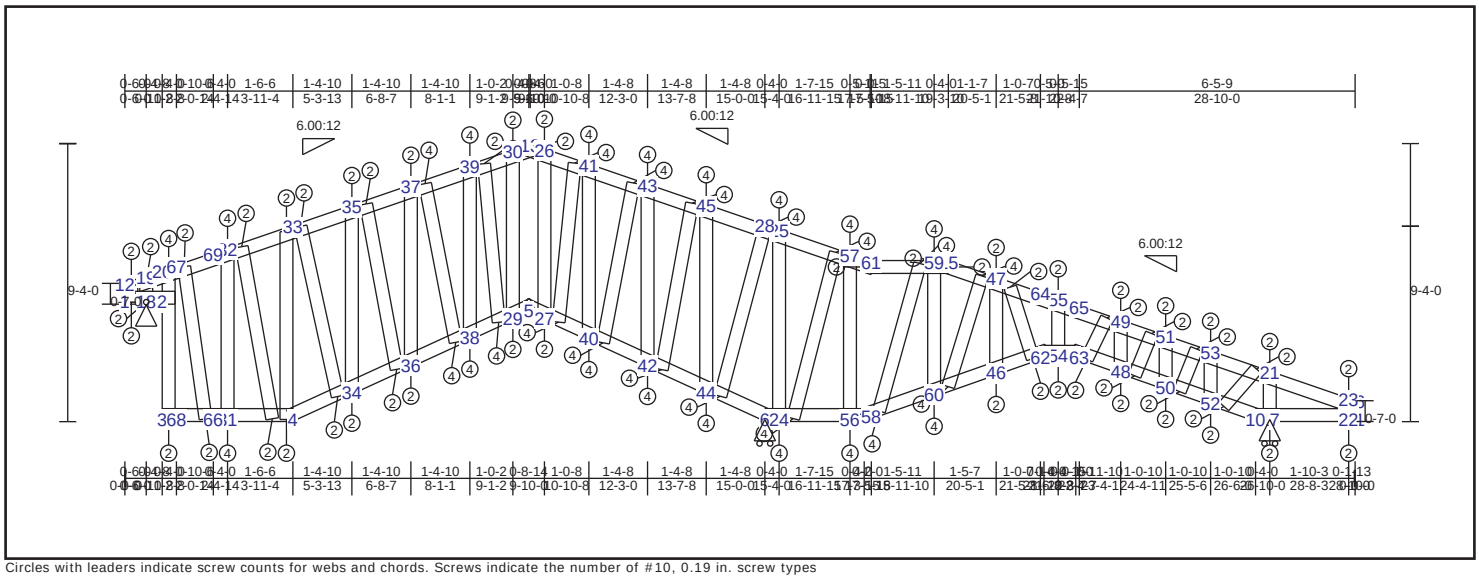
TRUSS TD07 (spacing 24 in)



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 :	0.32 (25 - 57)	TL(V): 0.1 in.	L / 380	(54-9)	L / 360
BC :	0.49 (24 - 56)	LL(V): 0.05 in.	L / 760	(54-9)	L / 360
Web :	0.35 (44 - 45)	DL(V): 0.05 in.	L / 217	(54-9)	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	(54-9)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	(54-9)	2L / 360
		Horiz TL: 0.07 in.		10	
		Web :			
		Snow/Wind -0.07 in.	L / 770	(9-63)	L / 360
		Cant (Snow/Wind) -0.07 in.	L / 999	(9-63)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		0 lbs	1960 lbs	0 lbs	-460 lbs	0 lbs
17	HRoll		0 lbs	690 lbs	0 lbs	-360 lbs	0 lbs
18	Pin		-360 lbs	700 lbs	0 lbs	-290 lbs	-360 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
9-4-0	28-10-0

Material Design **Pass**

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Bot Chord				Web				Web			
12-19	0.02	61 lbs	-32 lbs	1-18	0.15	358 lbs	-97 lbs	10-52	0.07	36 lbs	-20 lbs	22-23	0.00	20 lbs	-2 lbs	35-36	0.12	476 lbs	-147 lbs
19-20	0.03	61 lbs	-32 lbs	2-18	0.24	358 lbs	-97 lbs	6-24	0.43	-477 lbs	-477 lbs	24-25	0.33	-1090 lbs	-1090 lbs	37-38	0.38	884 lbs	-503 lbs
20-67	0.13	499 lbs	-440 lbs	4-34	0.07	283 lbs	-113 lbs	24-56	0.49	-477 lbs	-477 lbs	26-27	0.38	-476 lbs	-476 lbs	48-51	0.09	-619 lbs	-619 lbs
32-67	0.15	515 lbs	-499 lbs	34-36	0.08	365 lbs	-195 lbs	7-56	0.18	-248 lbs	-248 lbs	29-30	0.31	500 lbs	-398 lbs	50-53	0.04	365 lbs	-283 lbs
32-33	0.13	515 lbs	-499 lbs	36-38	0.18	432 lbs	-231 lbs	10-17	0.00	0 lbs	0 lbs	1-12	0.01	-69 lbs	-69 lbs	29-39	0.49	912 lbs	-650 lbs
33-35	0.08	547 lbs	-443 lbs	29-38	0.19	564 lbs	-231 lbs	17-22	0.00	0 lbs	0 lbs	18-19	0.02	-124 lbs	-124 lbs	27-41	0.06	1263 lbs	-42 lbs
35-37	0.13	570 lbs	-414 lbs	5-29	0.11	455 lbs	-166 lbs	11-22	0.00	0 lbs	0 lbs	2-3	0.16	-153 lbs	-153 lbs	25-44	0.22	1018 lbs	-247 lbs
37-39	0.19	549 lbs	-411 lbs	5-27	0.15	316 lbs	-192 lbs					2-20	0.18	-887 lbs	-887 lbs	21-52	0.03	313 lbs	-225 lbs
30-39	0.17	465 lbs	-358 lbs	27-40	0.23	580 lbs	-496 lbs					31-32	0.77	-890 lbs	-890 lbs	40-43	0.13	1446 lbs	-175 lbs
13-30	0.09	299 lbs	-142 lbs	40-42	0.31	-741 lbs	-741 lbs					4-33	0.54	-486 lbs	-486 lbs	42-45	0.30	1407 lbs	-354 lbs
13-26	0.05	396 lbs	-360 lbs	42-44	0.40	-924 lbs	-924 lbs					34-35	0.43	-423 lbs	-423 lbs	24-57	0.21	-1314 lbs	-1314 lbs
26-41	0.23	-638 lbs	-638 lbs	6-44	0.36	-924 lbs	-924 lbs					36-37	0.66	-690 lbs	-690 lbs	58-59	0.60	-880 lbs	-880 lbs
41-43	0.26	-638 lbs	-638 lbs	3-66	0.14	145 lbs	-56 lbs					38-39	0.90	-1016 lbs	-1016 lbs	47-60	0.16	-885 lbs	-885 lbs
43-45	0.23	-469 lbs	-469 lbs	31-66	0.16	145 lbs	-56 lbs					40-41	0.33	-1605 lbs	-1605 lbs	47-62	0.06	427 lbs	-338 lbs
25-45	0.25	494 lbs	-305 lbs	4-31	0.16	219 lbs	-82 lbs					42-43	0.35	-1531 lbs	-1531 lbs	49-63	0.05	417 lbs	-326 lbs
25-57	0.32	800 lbs	-97 lbs	7-58	0.18	-533 lbs	-533 lbs					44-45	0.35	-1437 lbs	-1437 lbs	66-67	0.23	799 lbs	-344 lbs
14-57	0.23	800 lbs	-97 lbs	58-60	0.26	-533 lbs	-533 lbs					46-47	0.03	160 lbs	-116 lbs				
14-59	0.15	370 lbs	-102 lbs	46-60	0.21	-441 lbs	-441 lbs					48-49	0.03	332 lbs	-227 lbs				
15-59	0.14	348 lbs	-102 lbs	46-62	0.08	217 lbs	-162 lbs					50-51	0.01	70 lbs	-43 lbs				
15-47	0.21	445 lbs	-209 lbs	8-62	0.06	109 lbs	-75 lbs					52-53	0.07	-452 lbs	-452 lbs				
47-55	0.14	464 lbs	-274 lbs	8-54	0.05	225 lbs	-169 lbs					17-21	0.10	-684 lbs	-684 lbs				
49-55	0.30	464 lbs	-274 lbs	9-54	0.05	225 lbs	-169 lbs					54-55	0.05	-351 lbs	-351 lbs				
49-51	0.27	476 lbs	-407 lbs	9-63	0.05	124 lbs	-88 lbs					56-57	0.46	1395 lbs	-603 lbs				
51-53	0.09	417 lbs	-393 lbs	48-63	0.10	330 lbs	-240 lbs					59-60	0.34	1017 lbs	-666 lbs				
21-53	0.13	417 lbs	-393 lbs	48-50	0.15	330 lbs	-240 lbs					4-32	0.19	611 lbs	-210 lbs				
21-23	0.15	243 lbs	-221 lbs	50-52	0.08	247 lbs	-179 lbs					33-34	0.05	372 lbs	-58 lbs				
16-23	0.01	85 lbs	0 lbs																

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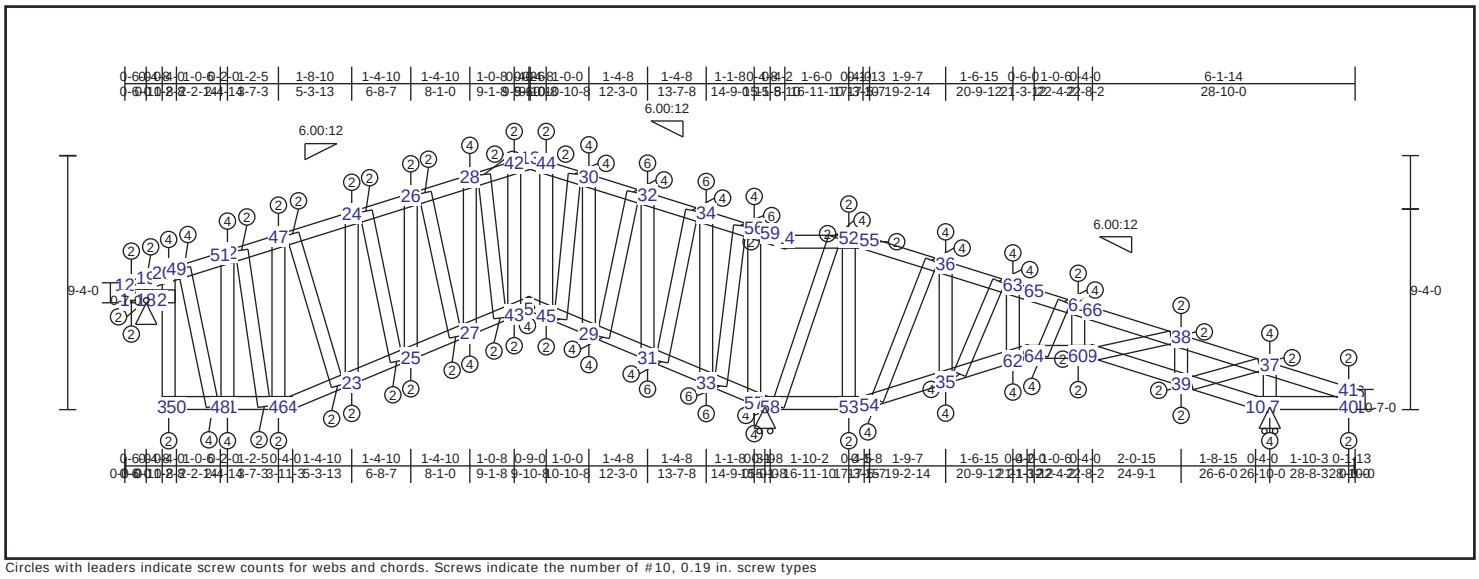
TRUSS TD08 (spacing 24 in)



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 :	0.33 (34 - 56)	TL(V): 0.12 in.	L / 655	(43-5)	L / 360
BC :	0.42 (31 - 33)	LL(V): 0.07 in.	L / 999	(43-5)	L / 360
Web :	0.44 (33 - 34)	DL(V): 0.06 in.	L / 999	(5-45)	L / 0
		Cant / OH TL: 0.07 in.	2L / 999	(43-5)	2L / 360
		Cant / OH LL: 0.07 in.	2L / 999	(43-5)	2L / 360
		Horiz TL: 0.08 in.		10	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(63-61)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	(63-61)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	HRoll		0 lbs	1610 lbs	0 lbs	-440 lbs	0 lbs
17	HRoll		0 lbs	880 lbs	0 lbs	-380 lbs	0 lbs
18	Pin		-360 lbs	850 lbs	0 lbs	-300 lbs	-360 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
9-4-0	28-10-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Bot Chord				Web				Web			
13-44	0.04	-566 lbs	-566 lbs	1-18	0.17	358 lbs	-97 lbs	35-62	0.16	834 lbs	-405 lbs	1-12	0.01	-73 lbs	-73 lbs	37-39	0.05	638 lbs	-355 lbs
30-44	0.21	-895 lbs	-895 lbs	2-18	0.28	358 lbs	-97 lbs	8-62	0.20	834 lbs	-405 lbs	18-19	0.02	-129 lbs	-129 lbs	30-45	0.05	1091 lbs	-64 lbs
30-32	0.24	-895 lbs	-895 lbs	3-48	0.21	225 lbs	-85 lbs	8-64	0.12	610 lbs	-280 lbs	2-3	0.18	-192 lbs	-192 lbs	28-43	0.24	786 lbs	-330 lbs
32-34	0.30	-768 lbs	-768 lbs	21-48	0.19	225 lbs	-85 lbs	60-64	0.16	849 lbs	-439 lbs	2-20	0.21	-1038 lbs	-1038 lbs	29-32	0.08	1423 lbs	-110 lbs
34-56	0.33	-599 lbs	-599 lbs	21-46	0.19	284 lbs	-106 lbs	9-60	0.16	849 lbs	-439 lbs	21-22	0.25	-1139 lbs	-1139 lbs	31-34	0.28	1564 lbs	-333 lbs
14-56	0.22	450 lbs	-427 lbs	4-46	0.09	284 lbs	-106 lbs	9-39	0.14	884 lbs	-465 lbs	23-24	0.70	-666 lbs	-666 lbs	23-47	0.03	610 lbs	-39 lbs
12-19	0.02	42 lbs	-33 lbs	4-23	0.11	393 lbs	-121 lbs	10-39	0.10	426 lbs	-230 lbs	25-26	0.63	-665 lbs	-665 lbs	22-46	0.20	652 lbs	-227 lbs
19-20	0.03	42 lbs	-33 lbs	23-25	0.10	516 lbs	-213 lbs					27-28	0.79	-900 lbs	-900 lbs	48-49	0.32	1140 lbs	-462 lbs
20-49	0.17	-537 lbs	-537 lbs	25-27	0.14	607 lbs	-258 lbs					29-30	0.42	-1499 lbs	-1499 lbs	36-54	0.66	-867 lbs	-867 lbs
22-49	0.21	-618 lbs	-618 lbs	27-43	0.16	728 lbs	-258 lbs					31-32	0.78	-1658 lbs	-1658 lbs	33-56	0.40	1634 lbs	-406 lbs
22-47	0.12	-630 lbs	-630 lbs	5-43	0.11	650 lbs	-234 lbs					33-34	0.44	-1860 lbs	-1860 lbs	52-58	0.32	-1099 lbs	-1099 lbs
24-47	0.14	-671 lbs	-671 lbs	5-45	0.14	433 lbs	-48 lbs					35-36	0.28	954 lbs	-588 lbs	35-63	0.45	-1263 lbs	-1263 lbs
24-26	0.11	-671 lbs	-671 lbs	29-45	0.21	829 lbs	-84 lbs					17-37	0.13	-873 lbs	-873 lbs	61-64	0.14	-939 lbs	-939 lbs
26-28	0.16	-611 lbs	-611 lbs	29-31	0.26	616 lbs	-437 lbs					38-39	0.08	-546 lbs	-546 lbs				
28-42	0.14	-641 lbs	-641 lbs	31-33	0.42	-786 lbs	-786 lbs					40-41	0.00	20 lbs	-2 lbs				
13-42	0.10	391 lbs	-368 lbs	33-57	0.36	-786 lbs	-786 lbs					42-43	0.32	552 lbs	-416 lbs				
14-52	0.21	363 lbs	-177 lbs	6-57	0.22	-548 lbs	-548 lbs					44-45	0.22	-280 lbs	-280 lbs				
15-52	0.15	363 lbs	-177 lbs	6-58	0.17	170 lbs	-145 lbs					46-47	0.72	-660 lbs	-660 lbs				
15-36	0.15	387 lbs	-228 lbs	53-58	0.21	170 lbs	-145 lbs					52-53	0.55	799 lbs	-520 lbs				
36-63	0.21	529 lbs	-522 lbs	7-53	0.14	117 lbs	-16 lbs					56-57	0.25	-993 lbs	-993 lbs				
61-63	0.21	-854 lbs	-854 lbs	10-17	0.00	0 lbs	0 lbs					60-61	0.06	680 lbs	-408 lbs				
38-61	0.19	-1061 lbs	-1061 lbs	17-40	0.01	0 lbs	0 lbs					62-63	0.15	1185 lbs	-698 lbs				
37-38	0.15	-875 lbs	-875 lbs	11-40	0.00	0 lbs	0 lbs					24-25	0.08	524 lbs	-103 lbs				
37-41	0.17	-305 lbs	-305 lbs	7-54	0.10	218 lbs	-165 lbs					26-27	0.18	759 lbs	-240 lbs				
16-41	0.01	85 lbs	0 lbs	35-54	0.15	413 lbs	-165 lbs					9-38	0.02	282 lbs	-121 lbs				

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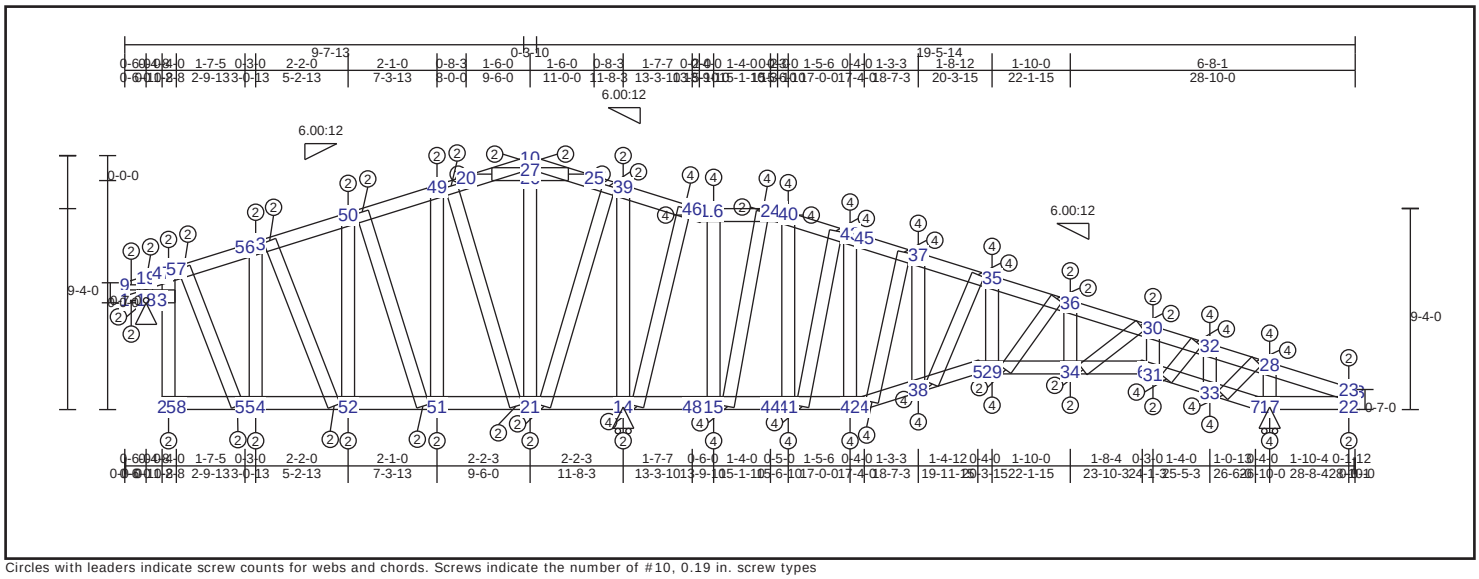
TRUSS TD09 (spacing 24 in)



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 (32 - 28)	TL(V): 0.09 in.	L / 510	(5-29)	L / 360
BC :	0.26 (21 - 14)	LL(V): 0.05 in.	L / 935	(5-29)	L / 360
Web :	0.36 (15 - 24)	DL(V): 0.04 in.	L / 999	(5-29)	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	(5-29)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	(5-29)	2L / 360
		Horiz TL: 0.02 in.		7	
		Web :			
		Snow/Wind -0.06 in.	L / 612	(38-5)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 999	(38-5)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
14	HRoll		0 lbs	1730 lbs	0 lbs	-490 lbs	0 lbs
17	HRoll		0 lbs	1020 lbs	0 lbs	-430 lbs	0 lbs
18	Pin		-360 lbs	560 lbs	0 lbs	-230 lbs	-360 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
9-4-0	28-10-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-19	0.02	-39 lbs	-39 lbs	7-17	0.03	0 lbs	0 lbs	15-16	0.15	1256 lbs	-715 lbs	29-36	0.12	-526 lbs	-526 lbs
19-47	0.03	-39 lbs	-39 lbs	17-22	0.03	0 lbs	0 lbs	1-9	0.01	-53 lbs	-53 lbs	4-37	0.97	-1096 lbs	-1096 lbs
47-57	0.09	433 lbs	-291 lbs	8-22	0.01	0 lbs	0 lbs	18-19	0.02	-131 lbs	-131 lbs	35-38	0.55	-1161 lbs	-1161 lbs
53-57	0.12	447 lbs	-291 lbs	6-31	0.18	902 lbs	-515 lbs	22-23	0.00	40 lbs	-11 lbs	21-39	0.43	521 lbs	-225 lbs
50-53	0.05	459 lbs	-279 lbs	31-33	0.24	892 lbs	-500 lbs	17-28	0.17	-1161 lbs	-1161 lbs	41-43	0.73	-1290 lbs	-1290 lbs
49-50	0.11	463 lbs	-243 lbs	7-33	0.19	160 lbs	-79 lbs	30-31	0.00	52 lbs	-19 lbs	15-24	0.36	-1319 lbs	-1319 lbs
20-49	0.11	392 lbs	-148 lbs	5-29	0.16	726 lbs	-348 lbs	32-33	0.24	-1595 lbs	-1595 lbs	14-46	0.73	-993 lbs	-993 lbs
10-20	0.06	392 lbs	-182 lbs	29-34	0.16	941 lbs	-506 lbs	29-35	0.21	1092 lbs	-657 lbs	21-49	0.38	-664 lbs	-664 lbs
10-25	0.05	387 lbs	-162 lbs	6-34	0.19	1028 lbs	-586 lbs	34-36	0.02	95 lbs	-86 lbs	50-51	0.55	398 lbs	-363 lbs
25-39	0.14	403 lbs	-233 lbs	4-38	0.17	597 lbs	-241 lbs	37-38	0.41	1051 lbs	-652 lbs	52-53	0.07	228 lbs	-67 lbs
39-46	0.23	423 lbs	-233 lbs	5-38	0.17	904 lbs	-451 lbs	14-39	0.35	-692 lbs	-692 lbs	55-57	0.08	413 lbs	-114 lbs
11-46	0.18	395 lbs	-29 lbs	2-55	0.08	148 lbs	-34 lbs	40-41	0.24	1105 lbs	-824 lbs				
11-16	0.23	349 lbs	-124 lbs	54-55	0.08	148 lbs	-34 lbs	42-43	0.88	1042 lbs	-767 lbs				
16-24	0.23	433 lbs	-229 lbs	52-54	0.08	178 lbs	-34 lbs	2-3	0.11	-27 lbs	-27 lbs				
12-24	0.15	433 lbs	-229 lbs	51-52	0.08	209 lbs	-45 lbs	3-47	0.16	-477 lbs	-477 lbs				
12-40	0.17	298 lbs	-68 lbs	21-51	0.17	241 lbs	-92 lbs	49-51	0.82	531 lbs	-443 lbs				
40-43	0.19	567 lbs	-410 lbs	14-21	0.26	262 lbs	-161 lbs	50-52	0.31	-229 lbs	-229 lbs				
37-43	0.19	576 lbs	-501 lbs	14-15	0.26	262 lbs	-161 lbs	53-54	0.36	-381 lbs	-381 lbs				
35-37	0.21	-682 lbs	-682 lbs	15-41	0.25	170 lbs	-46 lbs	20-26	0.03	514 lbs	-149 lbs				
35-36	0.21	-1000 lbs	-1000 lbs	41-42	0.22	285 lbs	-60 lbs	25-26	0.03	514 lbs	-149 lbs				
30-36	0.15	-1139 lbs	-1139 lbs	4-42	0.16	285 lbs	-60 lbs	21-26	0.09	-190 lbs	-190 lbs				
30-32	0.24	-1175 lbs	-1175 lbs	1-18	0.09	358 lbs	-97 lbs	26-27	0.09	-190 lbs	-190 lbs				
28-32	0.26	-1175 lbs	-1175 lbs	3-18	0.15	358 lbs	-97 lbs	31-32	0.09	1080 lbs	-639 lbs				
23-28	0.22	-425 lbs	-425 lbs					28-33	0.08	1030 lbs	-567 lbs				
13-23	0.01	94 lbs	-5 lbs					30-34	0.02	-139 lbs	-139 lbs				

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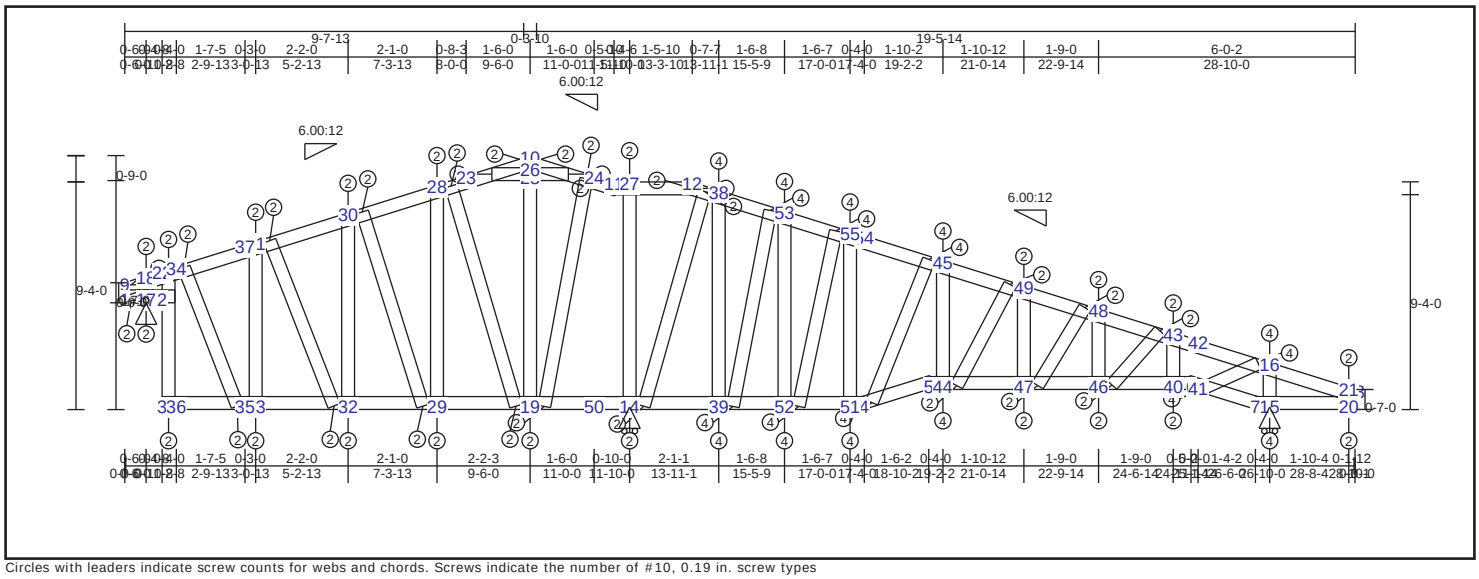
TRUSS TD10 (spacing 24 in)



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 (16 - 21)	TL(V): 0.06 in.	L / 374	(4-5)	L / 360
BC :	0.22 (39 - 52)	LL(V): 0.03 in.	L / 581	(4-5)	L / 360
Web :	0.72 (39 - 53)	DL(V): 0.03 in.	L / 683	(4-5)	L / 0
		Cant / OH TL: 0.03 in.	2L / 999	(4-5)	2L / 360
		Cant / OH LL: 0.03 in.	2L / 999	(4-5)	2L / 360
		Horiz TL: 0.01 in.		7	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(5-44)	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	(5-44)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
14	HRoll		0 lbs	1500 lbs	0 lbs	-480 lbs	0 lbs
15	HRoll		0 lbs	1100 lbs	0 lbs	-450 lbs	0 lbs
17	Pin		-360 lbs	690 lbs	0 lbs	-260 lbs	-360 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
9-4-0	28-10-1

Material Design **Pass**

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-18	0.02	-39 lbs	-39 lbs	1-17	0.12	358 lbs	-97 lbs	17-18	0.02	-130 lbs	-130 lbs	31-32	0.04	241 lbs	-40 lbs
18-22	0.03	-39 lbs	-39 lbs	2-17	0.19	358 lbs	-97 lbs	15-16	0.19	-1293 lbs	-1293 lbs	34-35	0.15	576 lbs	-209 lbs
22-34	0.12	469 lbs	-374 lbs	3-35	0.11	188 lbs	-63 lbs	1-9	0.01	-61 lbs	-61 lbs	14-38	0.31	-661 lbs	-661 lbs
31-34	0.15	469 lbs	-408 lbs	33-35	0.12	188 lbs	-63 lbs	20-21	0.00	47 lbs	-17 lbs	16-41	0.08	975 lbs	-540 lbs
30-31	0.06	500 lbs	-408 lbs	32-33	0.12	244 lbs	-63 lbs	2-3	0.13	-44 lbs	-44 lbs	43-46	0.01	212 lbs	-92 lbs
28-30	0.09	517 lbs	-353 lbs	29-32	0.07	244 lbs	-48 lbs	2-22	0.17	-633 lbs	-633 lbs	47-48	0.06	-211 lbs	-211 lbs
23-28	0.10	446 lbs	-249 lbs	19-29	0.18	243 lbs	-53 lbs	14-27	0.28	-698 lbs	-698 lbs	44-49	0.20	-478 lbs	-478 lbs
10-23	0.07	446 lbs	-364 lbs	14-19	0.22	232 lbs	-58 lbs	28-29	0.74	451 lbs	-402 lbs	19-24	0.35	394 lbs	-179 lbs
10-24	0.15	445 lbs	-301 lbs	14-39	0.22	216 lbs	-58 lbs	31-33	0.52	-539 lbs	-539 lbs	39-53	0.72	-1224 lbs	-1224 lbs
11-24	0.12	445 lbs	-301 lbs	39-52	0.22	274 lbs	-34 lbs	30-32	0.24	-180 lbs	-180 lbs	4-45	0.85	-1044 lbs	-1044 lbs
11-27	0.14	370 lbs	-155 lbs	51-52	0.19	417 lbs	-119 lbs	38-39	0.36	1055 lbs	-886 lbs	52-55	0.43	-1089 lbs	-1089 lbs
12-27	0.14	370 lbs	-155 lbs	4-51	0.14	417 lbs	-119 lbs	40-43	0.07	-456 lbs	-456 lbs				
12-38	0.18	320 lbs	-122 lbs	4-5	0.16	816 lbs	-363 lbs	44-45	0.31	970 lbs	-580 lbs				
38-53	0.21	591 lbs	-422 lbs	5-44	0.14	670 lbs	-288 lbs	46-48	0.00	23 lbs	-16 lbs				
53-55	0.17	602 lbs	-521 lbs	44-47	0.14	819 lbs	-411 lbs	47-49	0.07	-193 lbs	-193 lbs				
45-55	0.17	-642 lbs	-642 lbs	46-47	0.16	893 lbs	-481 lbs	52-53	0.35	1014 lbs	-786 lbs				
45-49	0.19	-921 lbs	-921 lbs	40-46	0.15	893 lbs	-481 lbs	51-55	0.79	880 lbs	-689 lbs				
48-49	0.09	-1004 lbs	-1004 lbs	6-40	0.13	791 lbs	-438 lbs	23-25	0.04	599 lbs	-160 lbs				
43-48	0.12	-1051 lbs	-1051 lbs	6-41	0.15	549 lbs	-301 lbs	24-25	0.04	599 lbs	-160 lbs				
16-43	0.21	-1051 lbs	-1051 lbs	7-41	0.18	549 lbs	-301 lbs	19-25	0.09	-174 lbs	-174 lbs				
16-21	0.24	-481 lbs	-481 lbs	7-15	0.05	0 lbs	0 lbs	25-26	0.09	-174 lbs	-174 lbs				
13-21	0.01	97 lbs	-8 lbs	15-20	0.05	0 lbs	0 lbs	19-28	0.27	-617 lbs	-617 lbs				
				8-20	0.01	0 lbs	0 lbs	29-30	0.37	350 lbs	-246 lbs				

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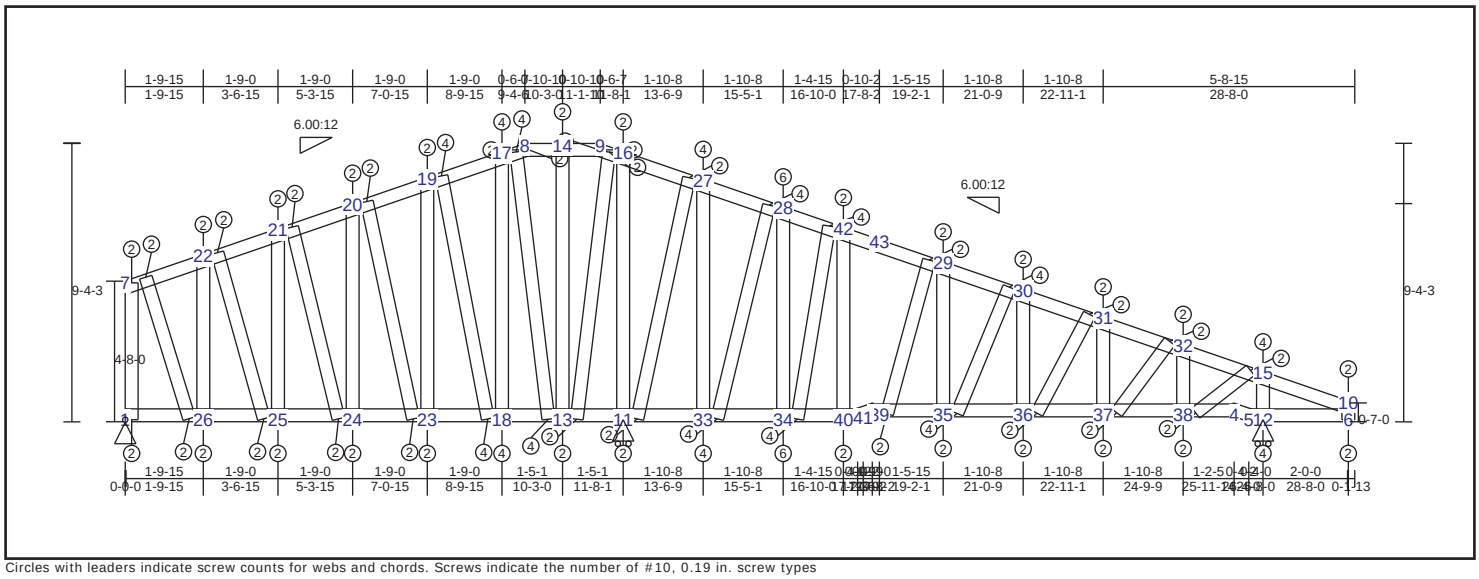
TRUSS TD11 (spacing 24 in)



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 (29 - 30)	TL(V): 0.16 in.	L / 644	(3-39)	L / 360
BC :	0.31 (33 - 34)	LL(V): 0.08 in.	L / 999	(3-39)	L / 360
Web :	0.23 (17 - 13)	DL(V): 0.08 in.	L / 999	(3-39)	L / 0
		Cant / OH TL: 0.08 in.	2L / 0	(2-3)	2L / 360
		Cant / OH LL: 0.08 in.	2L / 0	(2-3)	2L / 360
		Horiz TL: 0.03 in.		5	
		Web :			
		Snow/Wind -0.1 in.	L / 47	(2-3)	L / 360
		Cant (Snow/Wind) -0.1 in.	L / 0	(2-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-360 lbs	1810 lbs	0 lbs	-240 lbs	-360 lbs
11	HRoll		0 lbs	1810 lbs	0 lbs	-640 lbs	0 lbs
12	HRoll		0 lbs	960 lbs	0 lbs	-310 lbs	0 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
9-4-3	28-9-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-16	0.16	359 lbs	-188 lbs	3-39	0.04	319 lbs	-16 lbs	1-7	0.29	-535 lbs	-535 lbs	11-27	0.30	-794 lbs	-794 lbs
16-27	0.18	364 lbs	-188 lbs	35-39	0.16	319 lbs	-16 lbs	13-14	0.16	-76 lbs	-76 lbs	28-33	0.60	-1188 lbs	-1188 lbs
27-28	0.21	364 lbs	-126 lbs	35-36	0.23	520 lbs	-188 lbs	12-15	0.14	-938 lbs	-938 lbs	30-35	0.57	-1086 lbs	-1086 lbs
28-42	0.39	-547 lbs	-547 lbs	36-37	0.07	554 lbs	-225 lbs	6-10	0.00	19 lbs	0 lbs	31-36	0.03	173 lbs	-97 lbs
29-42	0.45	235 lbs	-215 lbs	37-38	0.12	554 lbs	-225 lbs	11-16	0.19	-797 lbs	-797 lbs	32-37	0.02	307 lbs	-110 lbs
29-30	0.49	-629 lbs	-629 lbs	4-38	0.12	414 lbs	-175 lbs	19-23	0.81	589 lbs	-439 lbs	15-38	0.04	625 lbs	-264 lbs
30-31	0.08	-662 lbs	-662 lbs	4-5	0.00	-2 lbs	-2 lbs	20-24	0.27	248 lbs	-192 lbs	34-42	0.58	-1434 lbs	-1434 lbs
31-32	0.09	-671 lbs	-671 lbs	2-3	0.02	356 lbs	-18 lbs	21-25	0.07	-71 lbs	-71 lbs	29-39	0.01	242 lbs	-11 lbs
15-32	0.15	-671 lbs	-671 lbs	5-12	0.00	0 lbs	0 lbs	22-26	0.41	-543 lbs	-543 lbs				
10-15	0.18	-336 lbs	-336 lbs	6-12	0.01	0 lbs	0 lbs	27-33	0.19	872 lbs	-755 lbs				
8-14	0.02	293 lbs	-74 lbs	1-26	0.11	365 lbs	-99 lbs	28-34	0.32	1653 lbs	-1205 lbs				
9-14	0.02	293 lbs	-74 lbs	25-26	0.11	374 lbs	-74 lbs	29-35	0.41	796 lbs	-631 lbs				
7-22	0.13	-273 lbs	-273 lbs	24-25	0.04	387 lbs	-77 lbs	30-36	0.14	359 lbs	-316 lbs				
21-22	0.05	-273 lbs	-273 lbs	23-24	0.10	401 lbs	-96 lbs	31-37	0.04	-133 lbs	-133 lbs				
20-21	0.06	290 lbs	-219 lbs	18-23	0.17	440 lbs	-145 lbs	32-38	0.08	-552 lbs	-552 lbs				
19-20	0.12	320 lbs	-185 lbs	13-18	0.17	474 lbs	-194 lbs	17-18	0.18	868 lbs	-601 lbs				
17-19	0.18	373 lbs	-145 lbs	11-13	0.29	492 lbs	-225 lbs	40-42	0.19	-178 lbs	-178 lbs				
8-17	0.16	373 lbs	-77 lbs	11-33	0.29	492 lbs	-225 lbs	13-16	0.67	533 lbs	-308 lbs				
				33-34	0.31	380 lbs	-133 lbs	13-17	0.23	-831 lbs	-831 lbs				
				34-40	0.31	319 lbs	-58 lbs	18-19	0.21	-818 lbs	-818 lbs				
				2-40	0.04	319 lbs	-16 lbs	20-23	0.73	-461 lbs	-461 lbs				
								21-24	0.19	-161 lbs	-161 lbs				
								22-25	0.10	199 lbs	-120 lbs				
								7-26	0.23	548 lbs	-383 lbs				

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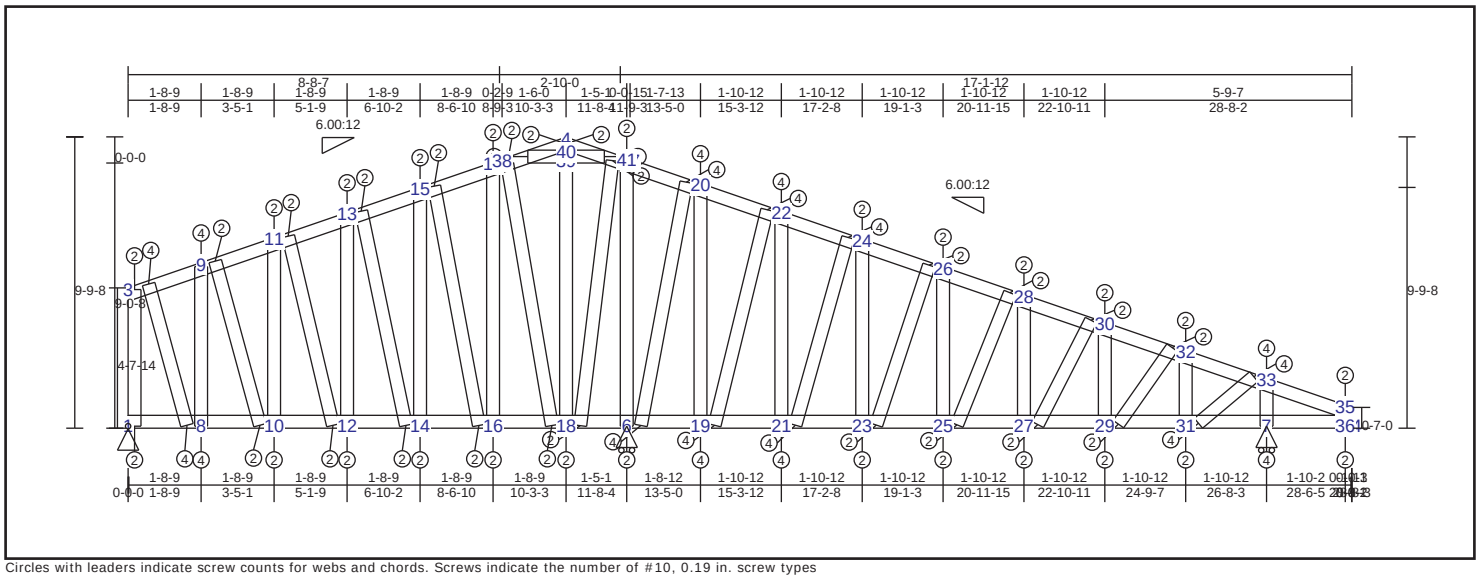
TRUSS TD12 (spacing 24 in)



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 :	0.18 (33 - 35)	TL(V): 0.04 in.	L / 999	(23-25)	L / 360
BC :	0.27 (18 - 6)	LL(V): 0.02 in.	L / 999	(23-25)	L / 360
Web :	0.22 (6 - 20)	DL(V): 0.02 in.	L / 999	(23-25)	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.		13	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(23-25)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-370 lbs	1530 lbs	0 lbs	-280 lbs	-370 lbs
6	HRoll		0 lbs	1530 lbs	0 lbs	-360 lbs	0 lbs
7	HRoll		0 lbs	1530 lbs	0 lbs	-360 lbs	0 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
9-9-8	28-8-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
4-41	0.10	402 lbs	-282 lbs	1-8	0.17	369 lbs	-99 lbs	1-3	0.41	-730 lbs	-730 lbs	15-16	0.18	-516 lbs	-516 lbs
37-41	0.11	402 lbs	-282 lbs	8-10	0.17	369 lbs	-66 lbs	8-9	0.65	-856 lbs	-856 lbs	17-18	0.30	-684 lbs	-684 lbs
20-37	0.17	331 lbs	-153 lbs	10-12	0.07	377 lbs	-51 lbs	10-11	0.32	-310 lbs	-310 lbs	19-22	0.22	-989 lbs	-989 lbs
20-22	0.16	381 lbs	-288 lbs	12-14	0.06	388 lbs	-63 lbs	12-13	0.11	-84 lbs	-84 lbs	21-24	0.12	-846 lbs	-846 lbs
22-24	0.17	-476 lbs	-476 lbs	14-16	0.10	401 lbs	-82 lbs	14-15	0.51	337 lbs	-295 lbs	23-26	0.49	-618 lbs	-618 lbs
24-26	0.13	-622 lbs	-622 lbs	16-18	0.14	401 lbs	-100 lbs	16-17	0.13	629 lbs	-472 lbs	25-28	0.20	-367 lbs	-367 lbs
26-28	0.10	-742 lbs	-742 lbs	6-18	0.27	398 lbs	-104 lbs	19-20	0.17	818 lbs	-707 lbs	27-30	0.03	164 lbs	-77 lbs
28-30	0.09	-818 lbs	-818 lbs	6-19	0.27	389 lbs	-104 lbs	21-22	0.17	906 lbs	-730 lbs	29-32	0.03	350 lbs	-145 lbs
30-32	0.09	-818 lbs	-818 lbs	19-21	0.19	345 lbs	-72 lbs	23-24	0.59	676 lbs	-560 lbs	31-33	0.05	823 lbs	-352 lbs
32-33	0.16	-812 lbs	-812 lbs	21-23	0.16	414 lbs	-89 lbs	25-26	0.27	435 lbs	-387 lbs	6-20	0.22	-836 lbs	-836 lbs
33-35	0.18	-398 lbs	-398 lbs	23-25	0.12	551 lbs	-180 lbs	27-28	0.09	-195 lbs	-195 lbs	18-41	0.40	310 lbs	-187 lbs
5-35	0.00	82 lbs	-4 lbs	25-27	0.08	648 lbs	-250 lbs	29-30	0.06	-187 lbs	-187 lbs				
3-9	0.18	-415 lbs	-415 lbs	27-29	0.09	673 lbs	-281 lbs	31-32	0.12	-683 lbs	-683 lbs				
9-11	0.10	-415 lbs	-415 lbs	29-31	0.13	673 lbs	-281 lbs	7-33	0.16	-1053 lbs	-1053 lbs				
11-13	0.05	-362 lbs	-362 lbs	7-31	0.13	521 lbs	-223 lbs	35-36	0.00	37 lbs	-9 lbs				
13-15	0.08	389 lbs	-331 lbs	7-36	0.03	0 lbs	0 lbs	38-39	0.04	459 lbs	-207 lbs				
15-17	0.12	406 lbs	-285 lbs	2-36	0.01	0 lbs	0 lbs	37-39	0.04	459 lbs	-207 lbs				
17-38	0.11	247 lbs	-69 lbs					18-39	0.05	-59 lbs	-59 lbs				
4-38	0.12	341 lbs	-181 lbs					39-40	0.02	-59 lbs	-59 lbs				
								6-41	0.25	-469 lbs	-469 lbs				
								3-8	0.32	831 lbs	-530 lbs				
								9-10	0.21	459 lbs	-260 lbs				
								11-12	0.01	75 lbs	-10 lbs				
								13-14	0.39	267 lbs	-266 lbs				

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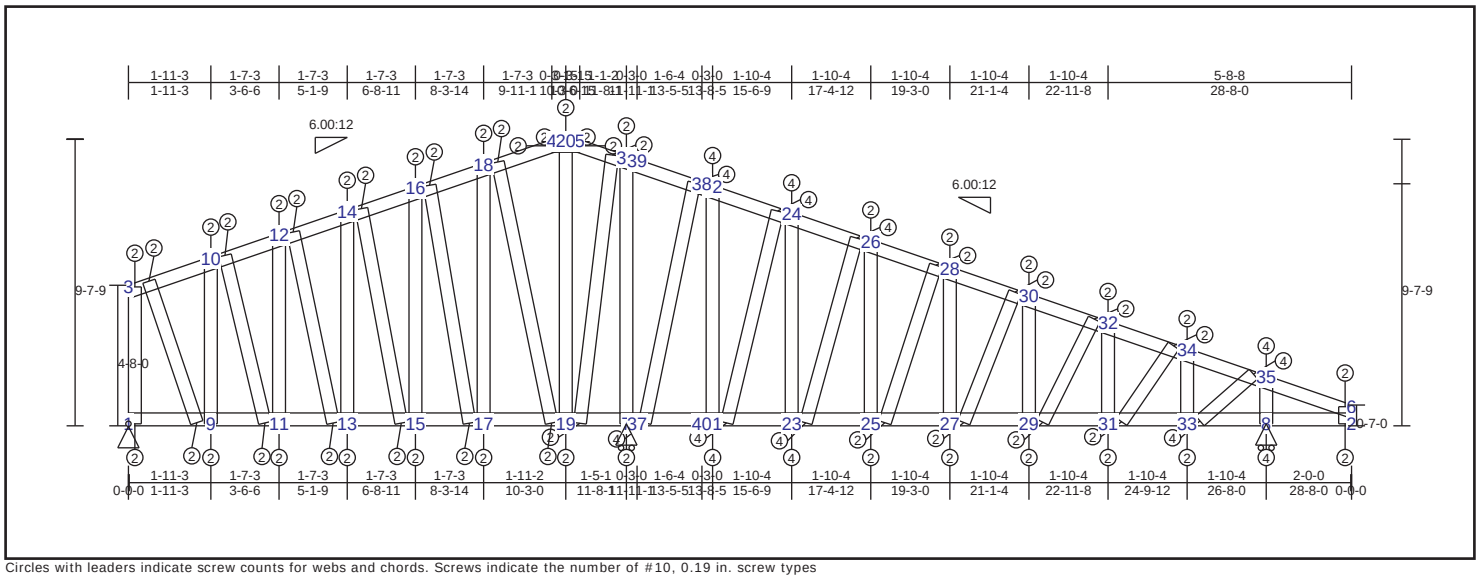
TRUSS TD13 (spacing 24 in)



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 :	0.18 (36 - 38)	TL(V): 0.04 in.	L / 999	(25-27)	L / 360
BC :	0.28 (19 - 7)	LL(V): 0.02 in.	L / 999	(25-27)	L / 360
Web :	0.22 (37 - 38)	DL(V): 0.02 in.	L / 999	(25-27)	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: -0.01 in.		28	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(25-27)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-370 lbs	1530 lbs	0 lbs	-260 lbs	-370 lbs
7	HRoll		0 lbs	1530 lbs	0 lbs	-350 lbs	0 lbs
8	HRoll		0 lbs	1530 lbs	0 lbs	-350 lbs	0 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
9-7-9	28-8-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
4-20	0.04	327 lbs	-151 lbs	1-9	0.15	367 lbs	-99 lbs	9-10	0.62	-786 lbs	-786 lbs	29-32	0.02	159 lbs	-66 lbs
5-20	0.04	327 lbs	-151 lbs	9-11	0.15	373 lbs	-62 lbs	11-12	0.27	-256 lbs	-256 lbs	31-34	0.03	370 lbs	-139 lbs
5-36	0.10	385 lbs	-271 lbs	11-13	0.06	383 lbs	-54 lbs	13-14	0.14	-106 lbs	-106 lbs	33-35	0.05	837 lbs	-360 lbs
36-38	0.18	385 lbs	-271 lbs	13-15	0.06	394 lbs	-66 lbs	15-16	0.51	305 lbs	-294 lbs	18-19	0.30	-705 lbs	-705 lbs
22-38	0.15	213 lbs	-25 lbs	15-17	0.09	407 lbs	-83 lbs	17-18	0.13	606 lbs	-465 lbs	19-36	0.12	254 lbs	-57 lbs
22-24	0.16	384 lbs	-332 lbs	17-19	0.15	419 lbs	-108 lbs	19-20	0.66	-286 lbs	-286 lbs	21-24	0.21	-1019 lbs	-1019 lbs
24-26	0.16	-501 lbs	-501 lbs	7-19	0.28	419 lbs	-108 lbs	21-22	0.17	885 lbs	-762 lbs	37-38	0.22	-884 lbs	-884 lbs
26-28	0.13	-642 lbs	-642 lbs	7-37	0.28	405 lbs	-108 lbs	23-24	0.12	893 lbs	-723 lbs	3-9	0.29	775 lbs	-473 lbs
28-30	0.10	-754 lbs	-754 lbs	21-37	0.19	405 lbs	-108 lbs	25-26	0.56	661 lbs	-555 lbs				
30-32	0.09	-825 lbs	-825 lbs	21-23	0.19	354 lbs	-71 lbs	27-28	0.26	420 lbs	-383 lbs				
32-34	0.09	-825 lbs	-825 lbs	23-25	0.16	433 lbs	-94 lbs	29-30	0.09	-191 lbs	-191 lbs				
34-35	0.16	-814 lbs	-814 lbs	25-27	0.12	564 lbs	-183 lbs	31-32	0.06	-204 lbs	-204 lbs				
6-35	0.18	-401 lbs	-401 lbs	27-29	0.08	655 lbs	-251 lbs	33-34	0.12	-706 lbs	-706 lbs				
3-10	0.18	-420 lbs	-420 lbs	29-31	0.10	674 lbs	-282 lbs	8-35	0.16	-1059 lbs	-1059 lbs				
10-12	0.09	-420 lbs	-420 lbs	31-33	0.14	674 lbs	-282 lbs	2-6	0.00	34 lbs	-9 lbs				
12-14	0.06	-357 lbs	-357 lbs	8-33	0.14	517 lbs	-222 lbs	7-36	0.25	-421 lbs	-421 lbs				
14-16	0.07	381 lbs	-333 lbs	2-8	0.03	0 lbs	0 lbs	1-3	0.40	-721 lbs	-721 lbs				
16-18	0.11	400 lbs	-298 lbs					10-11	0.16	392 lbs	-195 lbs				
4-18	0.12	364 lbs	-197 lbs					12-13	0.02	91 lbs	-18 lbs				
								14-15	0.38	278 lbs	-259 lbs				
								16-17	0.18	-475 lbs	-475 lbs				
								23-26	0.12	-827 lbs	-827 lbs				
								25-28	0.46	-602 lbs	-602 lbs				
								27-30	0.19	361 lbs	-350 lbs				

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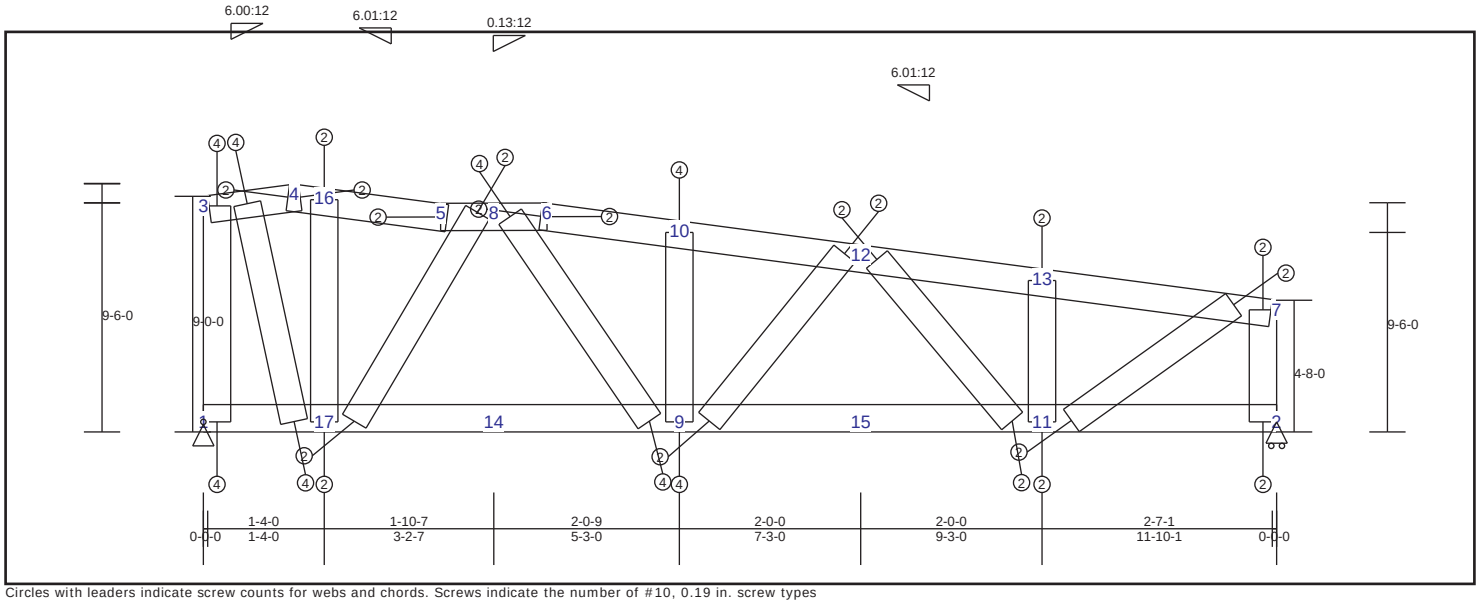
TRUSS TD14 (spacing 24 in)



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 (10 - 12)	TL(V): 0.15 in.	L / 740	(6-10)	L / 360
BC :	0.30 (17 - 9)	LL(V): 0.08 in.	L / 999	(6-10)	L / 360
Web :	0.41 (3 - 17)	DL(V): 0.06 in.	L / 999	(6-10)	L / 0
		Cant / OH TL: -0.01 in.	2L / 85	7	2L / 360
		Cant / OH LL: -0.01 in.	2L / 85	7	2L / 360
		Horiz TL: -0.09 in.		3	
		Web :			
		Snow/Wind -0.15 in.	L / 727	(6-10)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 85	7	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-320 lbs	700 lbs	0 lbs	-410 lbs	-320 lbs
2	HRoll		0 lbs	640 lbs	0 lbs	-70 lbs	0 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
9-6-0	11-10-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.21	-384 lbs	-384 lbs	1-17	0.25	319 lbs	-105 lbs	2-7	0.38	-689 lbs	-689 lbs
4-16	0.11	-320 lbs	-320 lbs	9-17	0.30	289 lbs	-83 lbs	9-10	0.31	-1032 lbs	-1032 lbs
5-16	0.13	-320 lbs	-320 lbs	9-11	0.23	269 lbs	-55 lbs	11-13	0.42	-471 lbs	-471 lbs
5-8	0.11	-153 lbs	-153 lbs	2-11	0.12	218 lbs	-55 lbs	1-3	0.33	-871 lbs	-871 lbs
6-8	0.15	-313 lbs	-313 lbs					16-17	0.29	-717 lbs	-717 lbs
6-10	0.37	-578 lbs	-578 lbs					9-12	0.08	269 lbs	-60 lbs
10-12	0.42	-578 lbs	-578 lbs					11-12	0.40	-307 lbs	-307 lbs
12-13	0.09	-352 lbs	-352 lbs					7-11	0.10	626 lbs	-157 lbs
7-13	0.17	-352 lbs	-352 lbs					8-9	0.36	-1013 lbs	-1013 lbs
								3-17	0.41	1302 lbs	-1153 lbs
								8-17	0.18	-499 lbs	-499 lbs

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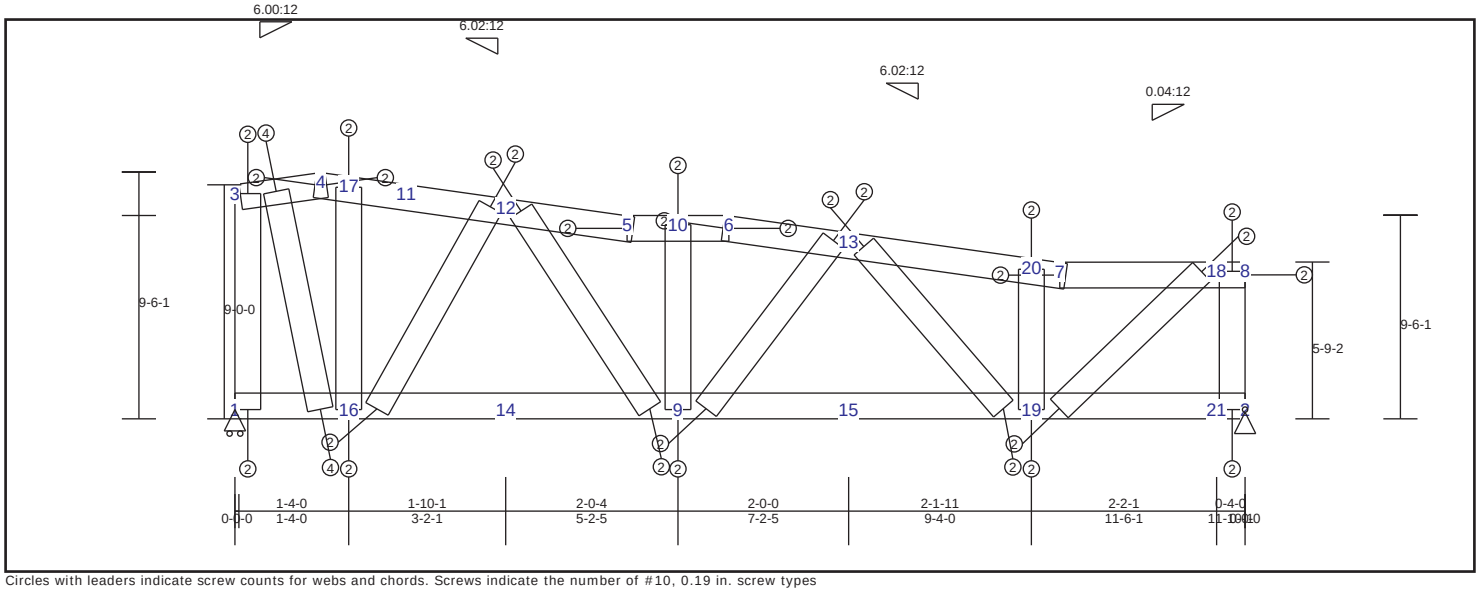
TRUSS TD15 (spacing 24 in)



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 :	0.22 (17 - 12)	TL(V): 0.07 in.	L / 394	(5-10)	L / 360
BC :	0.39 (16 - 9)	LL(V): 0.04 in.	L / 552	(5-10)	L / 360
Web :	0.41 (3 - 16)	DL(V): 0.03 in.	L / 447	(5-10)	L / 0
		Cant / OH TL: 0.01 in.	2L / 675	3	2L / 360
		Cant / OH LL: 0.01 in.	2L / 675	3	2L / 360
		Horiz TL: -0.02 in.		13	
		Web :			
		Snow/Wind -0.05 in.	L / 877	(12-5)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 211	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	700 lbs	0 lbs	-380 lbs	0 lbs
2	Pin		-240 lbs	630 lbs	0 lbs	-100 lbs	-240 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
9-6-1	11-10-1

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.19	-357 lbs	-357 lbs	1-16	0.25	68 lbs	-55 lbs	9-10	0.52	-324 lbs	-324 lbs
4-17	0.10	-297 lbs	-297 lbs	9-16	0.39	280 lbs	-249 lbs	2-8	0.56	-663 lbs	-663 lbs
12-17	0.22	-297 lbs	-297 lbs	9-19	0.14	-302 lbs	-302 lbs	1-3	0.33	-811 lbs	-811 lbs
5-12	0.18	-279 lbs	-279 lbs	2-19	0.14	-302 lbs	-302 lbs	16-17	0.29	-437 lbs	-437 lbs
5-10	0.06	-264 lbs	-264 lbs					19-20	0.56	-625 lbs	-625 lbs
6-10	0.06	-264 lbs	-264 lbs					9-12	0.36	490 lbs	-470 lbs
6-13	0.14	-285 lbs	-285 lbs					9-13	0.03	203 lbs	-24 lbs
13-20	0.14	-347 lbs	-347 lbs					12-16	0.18	-792 lbs	-792 lbs
7-20	0.09	-347 lbs	-347 lbs					18-19	0.22	731 lbs	-244 lbs
7-18	0.18	-206 lbs	-206 lbs					3-16	0.41	1200 lbs	-964 lbs
8-18	0.14	2 lbs	0 lbs					13-19	0.22	-166 lbs	-166 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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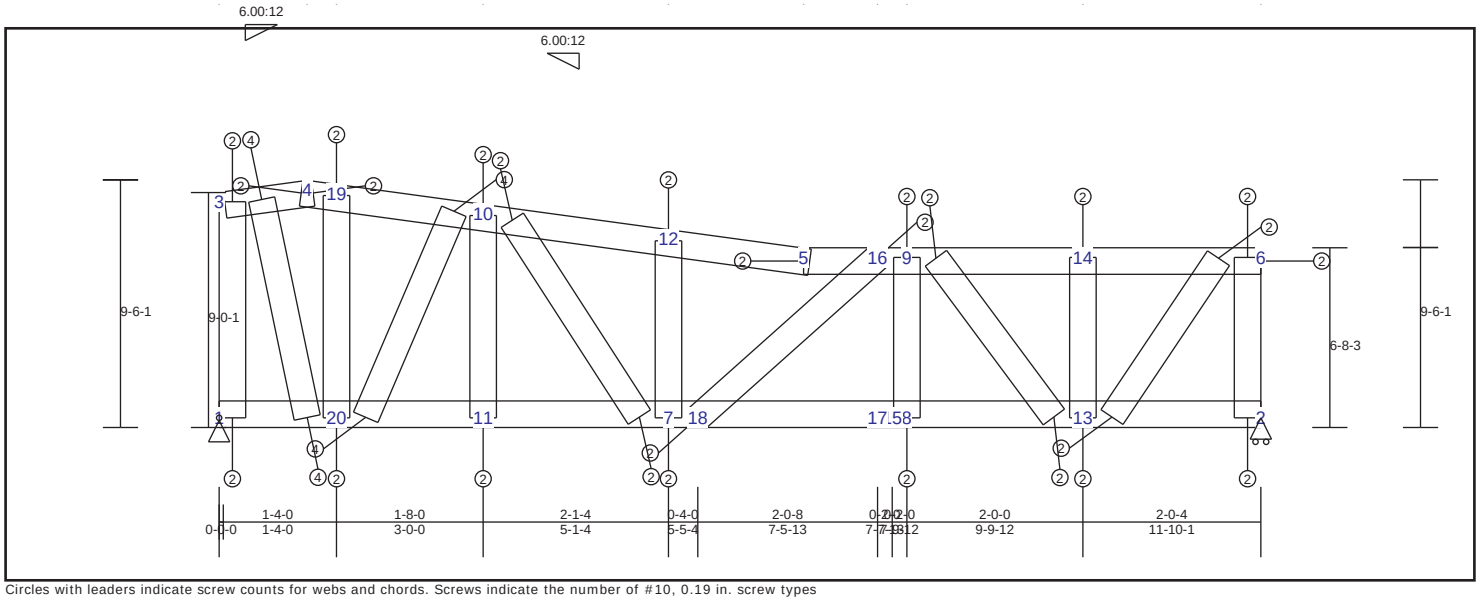
TRUSS TD16 (spacing 24 in)



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 (14 - 6)	TL(V): 0.06 in.	L / 999	(12-5)	L / 360
BC :	0.30 (20 - 11)	LL(V): 0.04 in.	L / 999	(12-5)	L / 360
Web :	0.41 (3 - 20)	DL(V): 0.02 in.	L / 999	(5-16)	L / 0
		Cant / OH TL: 0.01 in.	2L / 675	3	2L / 360
		Cant / OH LL: 0.01 in.	2L / 675	3	2L / 360
		Horiz TL: -0.01 in.		6	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(10-12)	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 41	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-170 lbs	690 lbs	0 lbs	-340 lbs	-170 lbs
2	HRoll		0 lbs	630 lbs	0 lbs	-150 lbs	0 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
9-6-9	11-10-1

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-19	0.09	-267 lbs	-267 lbs	1-20	0.26	173 lbs	-56 lbs	10-11	0.39	326 lbs	-209 lbs
10-19	0.17	-267 lbs	-267 lbs	11-20	0.30	162 lbs	-40 lbs	7-12	0.33	-506 lbs	-506 lbs
10-12	0.17	-430 lbs	-430 lbs	7-11	0.13	246 lbs	-65 lbs	8-9	0.16	281 lbs	-136 lbs
5-12	0.12	-430 lbs	-430 lbs	7-18	0.13	246 lbs	-65 lbs	13-14	0.15	140 lbs	-130 lbs
3-4	0.17	-316 lbs	-316 lbs	8-18	0.10	280 lbs	-114 lbs	2-6	0.12	-740 lbs	-740 lbs
5-16	0.08	-280 lbs	-280 lbs	8-13	0.16	280 lbs	-114 lbs	16-18	0.15	166 lbs	-116 lbs
9-16	0.11	-280 lbs	-280 lbs	2-13	0.16	145 lbs	-64 lbs	1-3	0.33	-718 lbs	-718 lbs
9-14	0.17	-280 lbs	-280 lbs					19-20	0.29	-472 lbs	-472 lbs
6-14	0.20	-145 lbs	-145 lbs					7-10	0.36	646 lbs	-497 lbs
								9-13	0.12	-682 lbs	-682 lbs
								6-13	0.07	805 lbs	-355 lbs
								10-20	0.18	-881 lbs	-881 lbs
								3-20	0.41	1058 lbs	-814 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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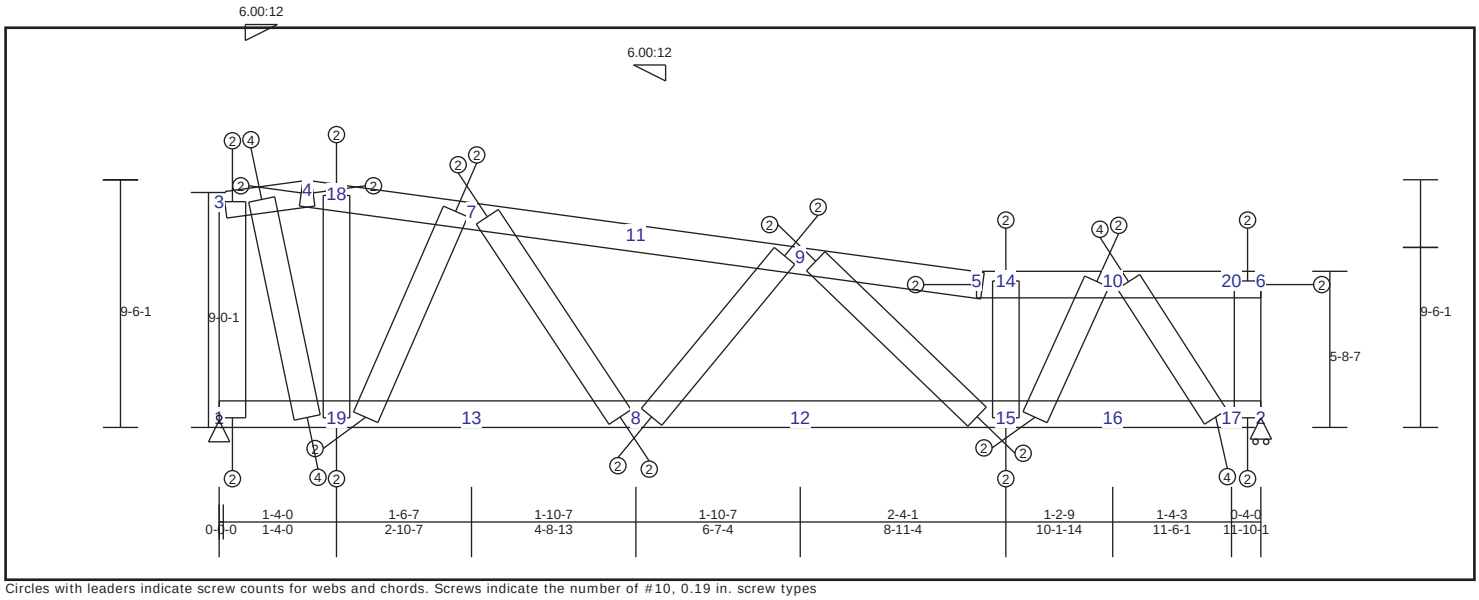
TRUSS TD17 (spacing 24 in)



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 :	0.18 (3 - 4)	TL(V): 0.04 in.	L / 999	(7-9)	L / 360
BC :	0.36 (19 - 8)	LL(V): 0.02 in.	L / 999	(7-9)	L / 360
Web :	0.41 (3 - 19)	DL(V): 0.02 in.	L / 999	(19-8)	L / 0
		Cant / OH TL: 0.01 in.	2L / 675	3	2L / 360
		Cant / OH LL: 0.01 in.	2L / 675	3	2L / 360
		Horiz TL: -0.02 in.		3	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(19-8)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 675	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-250 lbs	700 lbs	0 lbs	-390 lbs	-250 lbs
2	HRoll		0 lbs	630 lbs	0 lbs	-100 lbs	0 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
9-6-1	11-10-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 21.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-18	0.10	-281 lbs	-281 lbs	1-19	0.26	246 lbs	-81 lbs	2-6	0.00	48 lbs	-5 lbs
7-18	0.14	-281 lbs	-281 lbs	8-19	0.36	226 lbs	-63 lbs	14-15	0.35	-440 lbs	-440 lbs
7-9	0.13	-361 lbs	-361 lbs	8-15	0.11	280 lbs	-84 lbs	1-3	0.33	-759 lbs	-759 lbs
5-9	0.08	-307 lbs	-307 lbs	15-17	0.19	247 lbs	-84 lbs	18-19	0.29	-525 lbs	-525 lbs
3-4	0.18	-334 lbs	-334 lbs	2-17	0.14	0 lbs	0 lbs	8-9	0.37	369 lbs	-290 lbs
5-14	0.06	-247 lbs	-247 lbs					7-8	0.36	607 lbs	-552 lbs
10-14	0.14	-247 lbs	-247 lbs					9-15	0.19	-154 lbs	-154 lbs
6-10	0.15	-149 lbs	-149 lbs					10-15	0.20	796 lbs	-243 lbs
								3-19	0.41	1122 lbs	-941 lbs
								7-19	0.18	-715 lbs	-715 lbs
								10-17	0.23	-859 lbs	-859 lbs

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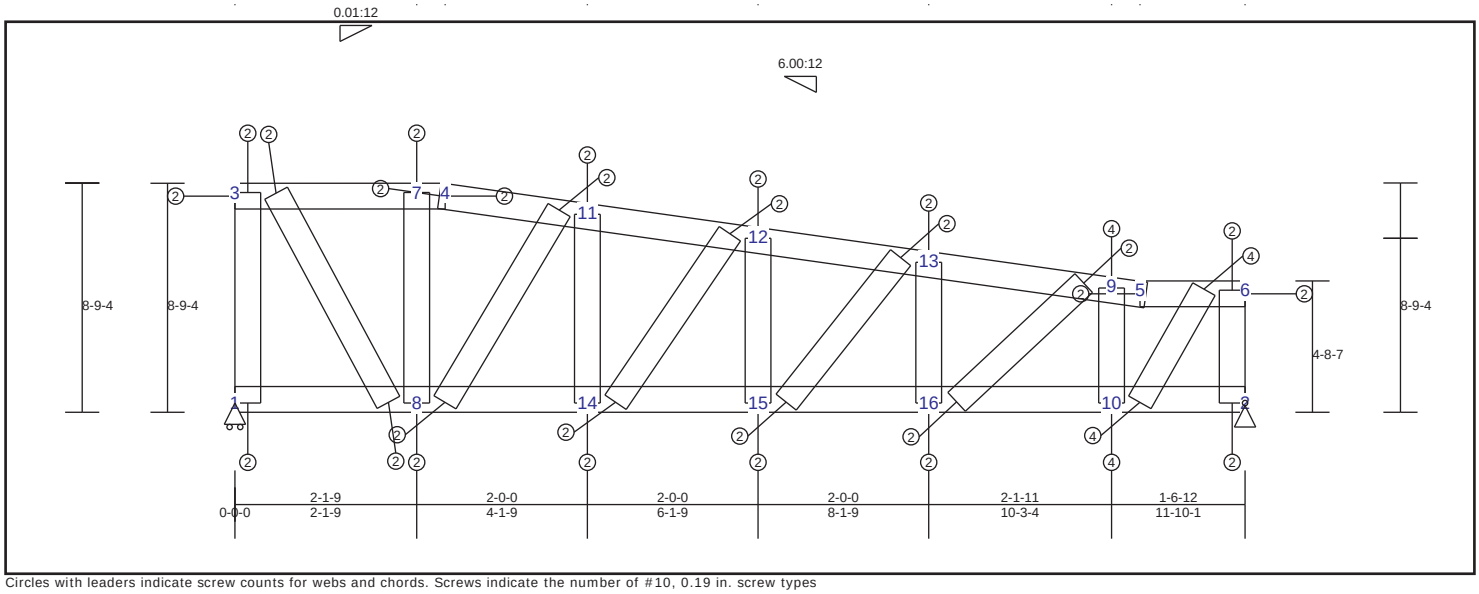
TRUSS TD18 (spacing 24 in)



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 (3 - 7)	TL(V): 0.03 in.	L / 999	(14-15)	L / 360
BC :	0.22 (16 - 10)	LL(V): 0.02 in.	L / 999	(14-15)	L / 360
Web :	0.28 (1 - 3)	DL(V): 0.01 in.	L / 999	(14-15)	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.		12	
		Web :			
		Snow/Wind -0.02 in.	L / 999	12	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	660 lbs	0 lbs	-290 lbs	0 lbs
2	Pin		-160 lbs	650 lbs	0 lbs	-180 lbs	-160 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
8-9-4	11-10-1

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.20	227 lbs	-145 lbs	1-8	0.16	118 lbs	-84 lbs	1-3	0.28	-744 lbs	-744 lbs
4-7	0.04	227 lbs	-145 lbs	8-14	0.16	225 lbs	-179 lbs	2-6	0.10	-701 lbs	-701 lbs
4-11	0.11	251 lbs	-214 lbs	14-15	0.08	292 lbs	-251 lbs	7-8	0.07	-179 lbs	-179 lbs
11-12	0.11	-334 lbs	-334 lbs	15-16	0.09	304 lbs	-287 lbs	9-10	0.15	-1039 lbs	-1039 lbs
12-13	0.05	-369 lbs	-369 lbs	10-16	0.22	304 lbs	-287 lbs	11-14	0.10	526 lbs	-471 lbs
9-13	0.11	-427 lbs	-427 lbs	2-10	0.22	-239 lbs	-239 lbs	12-15	0.24	-189 lbs	-189 lbs
5-9	0.12	-427 lbs	-427 lbs					13-16	0.19	-223 lbs	-223 lbs
5-6	0.19	-153 lbs	-153 lbs					3-8	0.24	788 lbs	-565 lbs
								6-10	0.27	971 lbs	-492 lbs
								8-11	0.22	-654 lbs	-654 lbs
								12-14	0.50	383 lbs	-355 lbs
								13-15	0.06	164 lbs	-66 lbs
								9-16	0.13	448 lbs	-195 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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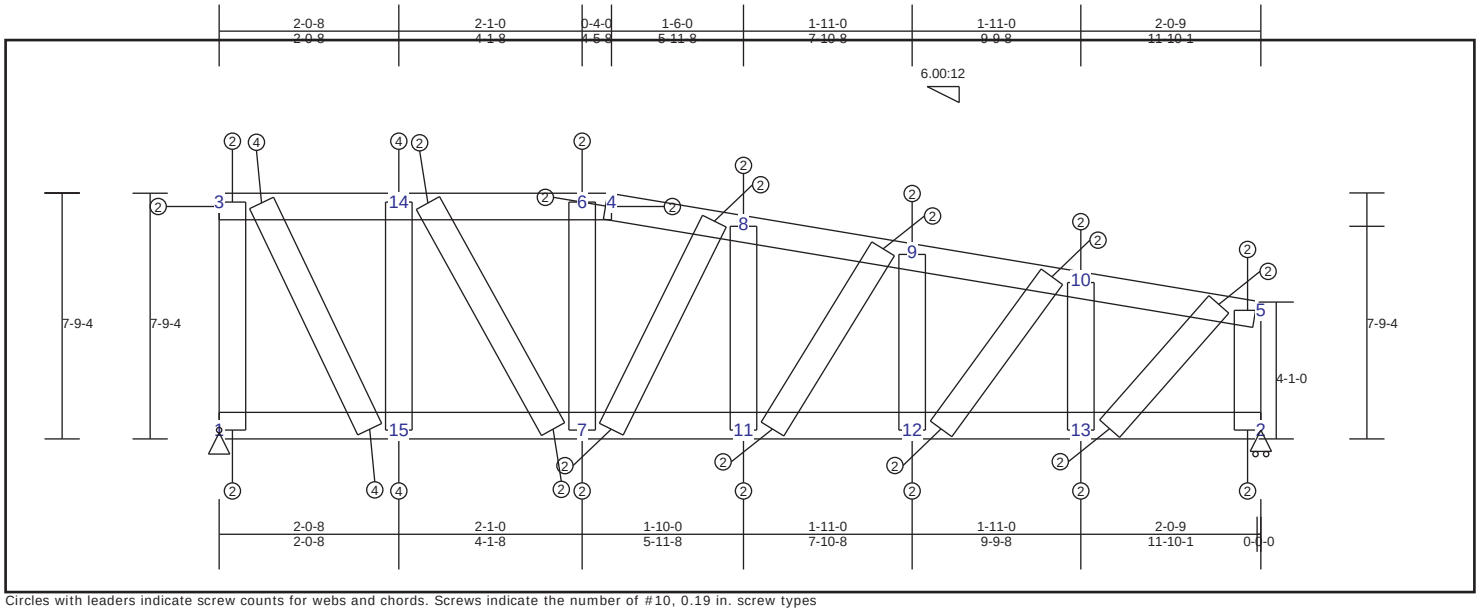
TRUSS TD19 (spacing 24 in)



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 :	0.19 (3 - 14)	TL(V): 0.02 in.	L / 999	(7-11)	L / 360
BC :	0.18 (1 - 15)	LL(V): 0.01 in.	L / 999	(7-11)	L / 360
Web :	0.27 (15 - 14)	DL(V): 0.01 in.	L / 999	(8-9)	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: -0.01 in.		8	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(7-11)	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 0	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-270 lbs	670 lbs	0 lbs	-390 lbs	-270 lbs
2	HRoll		0 lbs	650 lbs	0 lbs	-130 lbs	0 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
7-9-4	11-10-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-14	0.19	-133 lbs	-133 lbs	1-15	0.18	267 lbs	-90 lbs	1-3	0.22	-715 lbs	-715 lbs
6-14	0.13	-233 lbs	-233 lbs	7-15	0.18	227 lbs	-52 lbs	2-5	0.10	-691 lbs	-691 lbs
4-6	0.03	-233 lbs	-233 lbs	7-11	0.10	248 lbs	-20 lbs	6-7	0.11	-68 lbs	-68 lbs
4-8	0.07	-295 lbs	-295 lbs	11-12	0.06	269 lbs	-69 lbs	9-12	0.18	-197 lbs	-197 lbs
8-9	0.07	-358 lbs	-358 lbs	12-13	0.14	269 lbs	-72 lbs	10-13	0.11	-700 lbs	-700 lbs
9-10	0.08	-418 lbs	-418 lbs	2-13	0.14	200 lbs	-72 lbs	8-11	0.09	-337 lbs	-337 lbs
5-10	0.17	-418 lbs	-418 lbs					14-15	0.27	-913 lbs	-913 lbs
								7-8	0.10	444 lbs	-365 lbs
								9-11	0.13	274 lbs	-126 lbs
								10-12	0.02	301 lbs	-5 lbs
								5-13	0.13	710 lbs	-257 lbs
								7-14	0.15	553 lbs	-528 lbs
								3-15	0.19	846 lbs	-716 lbs

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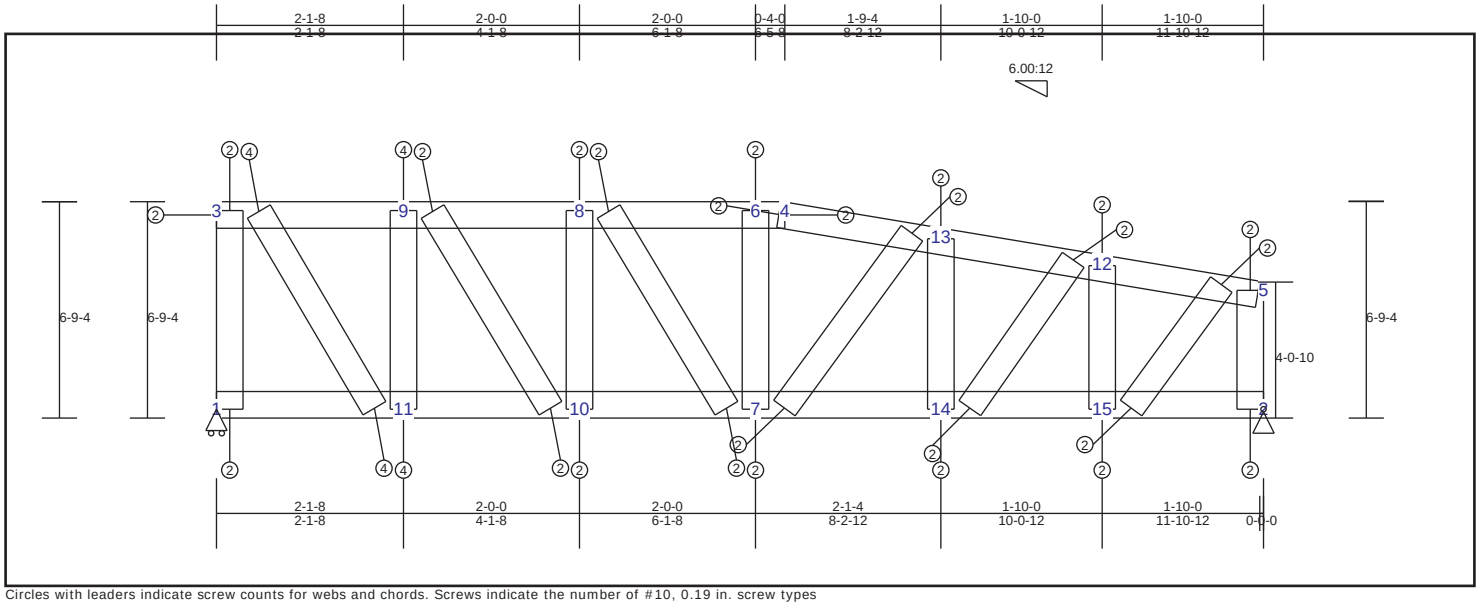
TRUSS TD20 (spacing 24 in)



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 :	0.19 (3 - 9)	TL(V): 0.01 in.	L / 999	(8-6)	L / 360
BC :	0.17 (1 - 11)	LL(V): 0.01 in.	L / 999	(8-6)	L / 360
Web :	0.20 (11 - 9)	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.		4	
		Web :			
		Snow/Wind -0.01 in.	L / 999	(8-6)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	670 lbs	0 lbs	-310 lbs	0 lbs
2	Pin		-200 lbs	660 lbs	0 lbs	-150 lbs	-200 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
6-9-4	11-10-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.19	-161 lbs	-161 lbs	1-11	0.17	161 lbs	-115 lbs	1-3	0.17	-712 lbs	-712 lbs
8-9	0.13	-268 lbs	-268 lbs	10-11	0.17	268 lbs	-197 lbs	2-5	0.09	-716 lbs	-716 lbs
6-8	0.06	-301 lbs	-301 lbs	7-10	0.09	301 lbs	-241 lbs	6-7	0.06	-55 lbs	-55 lbs
4-6	0.03	-301 lbs	-301 lbs	7-14	0.09	304 lbs	-284 lbs	8-10	0.12	-421 lbs	-421 lbs
4-13	0.04	-367 lbs	-367 lbs	14-15	0.16	304 lbs	-284 lbs	9-11	0.20	-867 lbs	-867 lbs
12-13	0.09	-429 lbs	-429 lbs	2-15	0.16	-271 lbs	-271 lbs	13-14	0.19	-224 lbs	-224 lbs
5-12	0.18	-429 lbs	-429 lbs					12-15	0.12	-790 lbs	-790 lbs
								7-8	0.29	-229 lbs	-229 lbs
								9-10	0.12	547 lbs	-434 lbs
								3-11	0.18	836 lbs	-599 lbs
								7-13	0.05	191 lbs	-54 lbs
								12-14	0.06	375 lbs	-97 lbs
								5-15	0.15	784 lbs	-317 lbs

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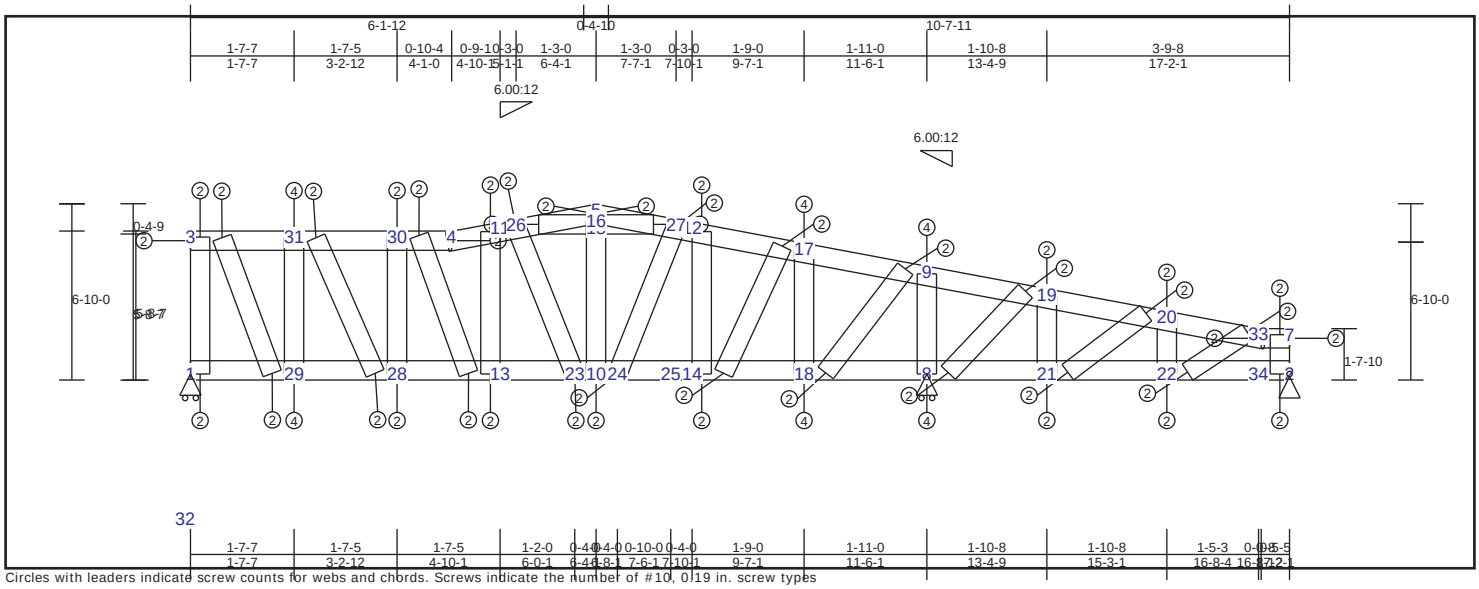
TRUSS TD21 (spacing 24 in)



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 :	0.18 (9 - 19)	TL(V): 0.03 in.	L / 917	(4-11)	L / 360
BC :	0.17 (1 - 29)	LL(V): 0.02 in.	L / 999	(4-11)	L / 360
Web :	0.75 (29 - 31)	DL(V): 0.01 in.	L / 999	(30-4)	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.		9	
		Web :			
		Snow/Wind -0.02 in.	L / 999	(30-4)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	1240 lbs	0 lbs	-250 lbs	0 lbs
2	Pin		-310 lbs	1240 lbs	0 lbs	0 lbs	-310 lbs
8	HRoll		0 lbs	1240 lbs	0 lbs	-440 lbs	0 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
6-10-4	17-2-1

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-31	0.16	-110 lbs	-110 lbs	1-29	0.17	110 lbs	-77 lbs	1-3	0.51	-623 lbs	-623 lbs
30-31	0.13	-225 lbs	-225 lbs	28-29	0.17	225 lbs	-160 lbs	8-9	0.44	-966 lbs	-966 lbs
4-30	0.08	-234 lbs	-234 lbs	13-28	0.11	234 lbs	-172 lbs	2-7	0.00	-16 lbs	-16 lbs
4-11	0.05	-239 lbs	-239 lbs	13-23	0.07	234 lbs	-174 lbs	17-18	0.59	-868 lbs	-868 lbs
11-26	0.06	-277 lbs	-277 lbs	10-23	0.05	208 lbs	-174 lbs	19-21	0.06	212 lbs	-209 lbs
5-26	0.06	-277 lbs	-277 lbs	10-24	0.05	208 lbs	-174 lbs	20-22	0.02	-132 lbs	-132 lbs
6-7	0.00	0 lbs	0 lbs	14-24	0.06	206 lbs	-173 lbs	28-30	0.39	-490 lbs	-490 lbs
5-27	0.06	-223 lbs	-223 lbs	14-18	0.16	-166 lbs	-166 lbs	29-31	0.75	-893 lbs	-893 lbs
12-27	0.07	-338 lbs	-338 lbs	8-18	0.16	-187 lbs	-187 lbs	11-13	0.05	148 lbs	-52 lbs
12-17	0.12	-339 lbs	-339 lbs	8-21	0.09	-187 lbs	-187 lbs	12-14	0.49	-528 lbs	-528 lbs
9-17	0.15	-339 lbs	-339 lbs	21-22	0.12	-281 lbs	-281 lbs	11-15	0.02	203 lbs	-136 lbs
9-19	0.18	268 lbs	-164 lbs	2-22	0.12	-309 lbs	-309 lbs	12-15	0.02	203 lbs	-136 lbs
19-20	0.05	242 lbs	-158 lbs					10-15	0.01	-31 lbs	-31 lbs
20-33	0.03	77 lbs	-66 lbs					15-16	0.01	-31 lbs	-31 lbs
6-33	0.00	16 lbs	-5 lbs					23-26	0.17	-176 lbs	-176 lbs
								24-27	0.12	321 lbs	-122 lbs
								14-17	0.16	612 lbs	-223 lbs
								9-18	0.16	761 lbs	-316 lbs
								8-19	0.09	264 lbs	-258 lbs
								20-21	0.03	271 lbs	-149 lbs
								13-30	0.10	-120 lbs	-120 lbs
								28-31	0.43	711 lbs	-514 lbs
								3-29	0.46	799 lbs	-559 lbs
								22-33	0.02	-108 lbs	-108 lbs

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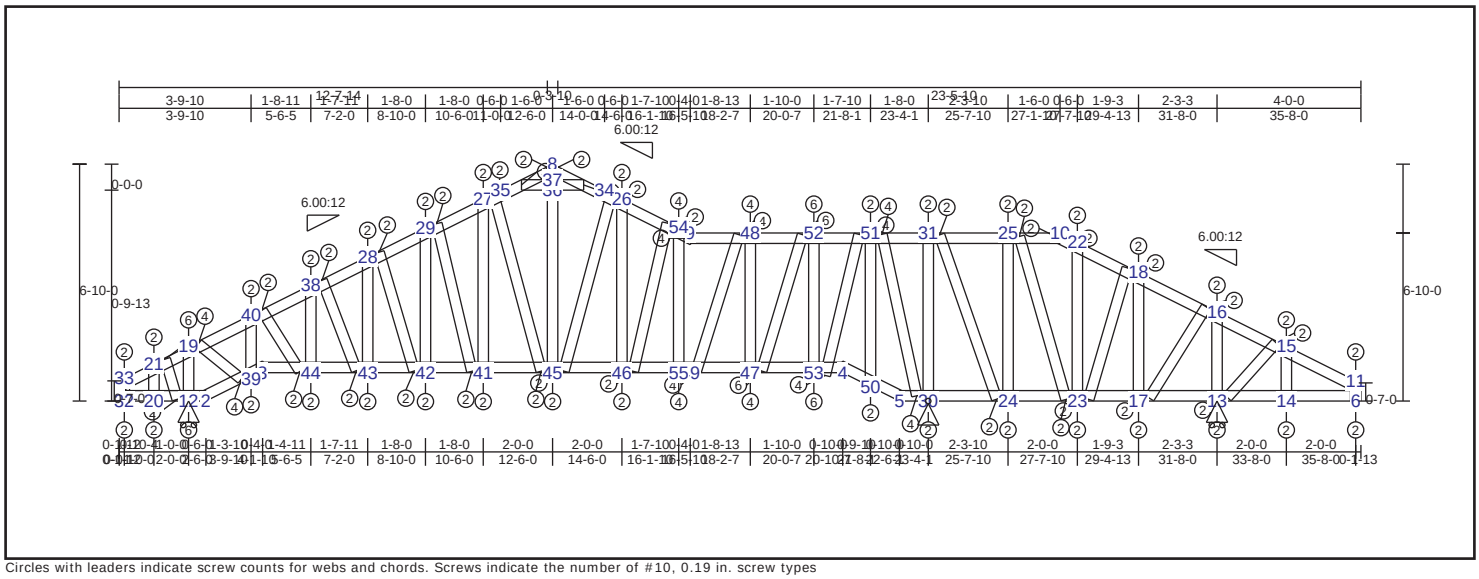
TRUSS TD22 (spacing 24 in)



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 (21 - 19)	TL(V): 0.07 in.	L / 999	(9-48)	L / 360
BC :	0.41 (5 - 30)	LL(V): 0.04 in.	L / 999	(9-48)	L / 360
Web :	0.83 (51 - 30)	DL(V): 0.03 in.	L / 999	(9-48)	L / 0
		Cant / OH TL: 0.04 in.	2L / 999	(9-48)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 999	(9-48)	2L / 360
		Horiz TL: -0.02 in.		2	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(9-48)	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	(9-48)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
12	HRoll		0 lbs	1340 lbs	0 lbs	-480 lbs	0 lbs
13	HRoll		50 lbs	1990 lbs	0 lbs	-280 lbs	50 lbs
30	Pin		50 lbs	1990 lbs	0 lbs	-280 lbs	50 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
6-10-0	35-9-14

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
10-22	0.06	147 lbs	-34 lbs	1-32	0.02	0 lbs	0 lbs	6-11	0.01	-59 lbs	-59 lbs	16-17	0.02	268 lbs	-94 lbs
18-22	0.07	230 lbs	-34 lbs	20-32	0.08	0 lbs	0 lbs	14-15	0.02	207 lbs	-133 lbs	18-23	0.01	115 lbs	-25 lbs
16-18	0.07	240 lbs	-50 lbs	12-20	0.14	45 lbs	-24 lbs	13-16	0.07	-390 lbs	-390 lbs	23-25	0.22	534 lbs	-365 lbs
15-16	0.14	353 lbs	-142 lbs	2-12	0.14	45 lbs	-24 lbs	17-18	0.08	-232 lbs	-232 lbs	24-31	0.12	301 lbs	-197 lbs
11-15	0.08	157 lbs	-35 lbs	5-30	0.41	-428 lbs	-428 lbs	12-19	0.30	-1986 lbs	-1986 lbs	19-39	0.12	1478 lbs	-792 lbs
9-48	0.22	-1042 lbs	-1042 lbs	24-30	0.41	-428 lbs	-428 lbs	20-21	0.04	416 lbs	-288 lbs	29-41	0.30	-607 lbs	-607 lbs
48-52	0.33	-763 lbs	-763 lbs	23-24	0.19	344 lbs	-329 lbs	22-23	0.19	-373 lbs	-373 lbs	28-42	0.12	-357 lbs	-357 lbs
51-52	0.30	-249 lbs	-249 lbs	17-23	0.09	243 lbs	-197 lbs	24-25	0.39	-676 lbs	-676 lbs	38-43	0.04	-190 lbs	-190 lbs
31-51	0.30	375 lbs	-100 lbs	13-17	0.11	-339 lbs	-339 lbs	30-31	0.14	-242 lbs	-242 lbs	40-44	0.03	396 lbs	-189 lbs
25-31	0.12	375 lbs	-100 lbs	13-14	0.11	-339 lbs	-339 lbs	32-33	0.01	-83 lbs	-83 lbs	27-45	0.25	-363 lbs	-363 lbs
10-25	0.12	277 lbs	-36 lbs	6-14	0.09	0 lbs	0 lbs	39-40	0.08	-554 lbs	-554 lbs	26-45	0.06	158 lbs	-84 lbs
8-34	0.13	-1050 lbs	-1050 lbs	4-50	0.09	299 lbs	-203 lbs	38-44	0.03	-159 lbs	-159 lbs	48-49	0.23	932 lbs	-520 lbs
26-34	0.13	-1050 lbs	-1050 lbs	5-50	0.08	299 lbs	-203 lbs	28-43	0.05	211 lbs	-190 lbs	30-51	0.83	-1313 lbs	-1313 lbs
26-54	0.19	-1252 lbs	-1252 lbs	2-39	0.31	793 lbs	-385 lbs	27-41	0.27	568 lbs	-446 lbs	47-52	0.47	1789 lbs	-1050 lbs
9-54	0.19	-1226 lbs	-1226 lbs	3-39	0.21	1044 lbs	-530 lbs	29-42	0.15	415 lbs	-339 lbs	51-53	0.35	1487 lbs	-808 lbs
7-33	0.01	34 lbs	-32 lbs	3-44	0.22	1334 lbs	-663 lbs	26-46	0.21	351 lbs	-348 lbs	46-54	0.08	253 lbs	-170 lbs
21-33	0.08	201 lbs	-97 lbs	43-44	0.22	1334 lbs	-663 lbs	47-48	0.57	-1356 lbs	-1356 lbs				
19-21	0.35	-677 lbs	-677 lbs	42-43	0.20	1266 lbs	-595 lbs	50-51	0.06	-134 lbs	-134 lbs				
19-40	0.31	-1466 lbs	-1466 lbs	41-42	0.17	1165 lbs	-510 lbs	52-53	0.83	-1927 lbs	-1927 lbs				
38-40	0.20	-1510 lbs	-1510 lbs	41-45	0.14	1025 lbs	-420 lbs	54-55	0.36	-820 lbs	-820 lbs				
28-38	0.15	-1514 lbs	-1514 lbs	45-46	0.15	952 lbs	-410 lbs	35-36	0.18	-1194 lbs	-1194 lbs				
28-29	0.15	-1420 lbs	-1420 lbs	46-55	0.20	990 lbs	-466 lbs	34-36	0.18	-1194 lbs	-1194 lbs				
27-29	0.17	-1310 lbs	-1310 lbs	49-55	0.20	990 lbs	-466 lbs	36-45	0.06	421 lbs	-315 lbs				
27-35	0.13	-1065 lbs	-1065 lbs	47-49	0.25	990 lbs	-466 lbs	36-37	0.02	421 lbs	-315 lbs				
8-35	0.15	-1065 lbs	-1065 lbs	47-53	0.40	711 lbs	-318 lbs	12-21	0.01	159 lbs	-85 lbs				
				4-53	0.40	252 lbs	-150 lbs	13-15	0.08	-508 lbs	-508 lbs				

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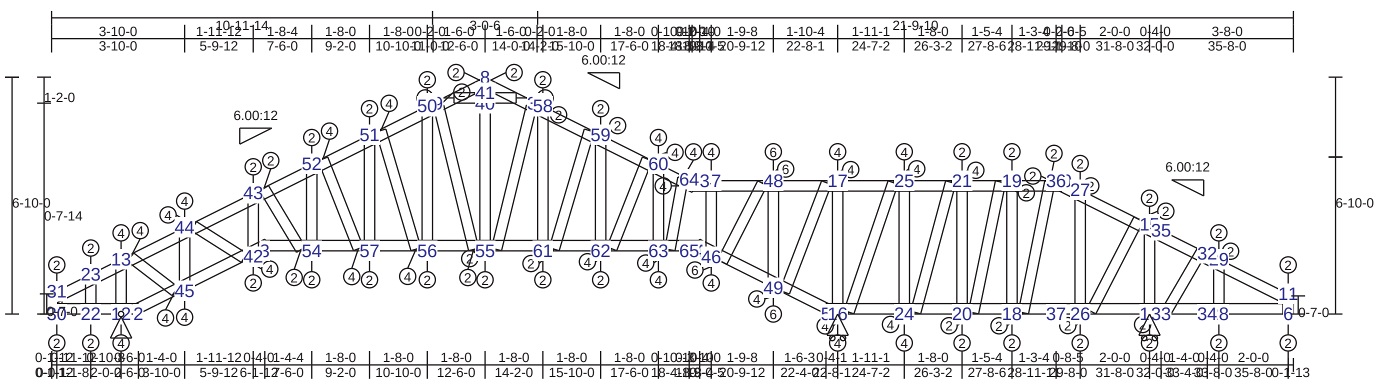
TRUSS TD23 (spacing 24 in)



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 - 47)	TL(V): 0.08 in.	L / 999	(3-54)	L / 360
BC :	0.56 (46 - 49)	LL(V): 0.05 in.	L / 999	(3-54)	L / 360
Web :	0.45 (49 - 48)	DL(V): 0.04 in.	L / 999	(52-51)	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	(3-54)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	(3-54)	2L / 360
		Horiz TL: 0.04 in.		5	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(3-54)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 999	(3-54)	L / 360

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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
12	Pin		130 lbs	1220 lbs	0 lbs	-420 lbs	130 lbs
14	HRoll		0 lbs	2270 lbs	0 lbs	-270 lbs	0 lbs
16	HRoll		0 lbs	2270 lbs	0 lbs	-270 lbs	0 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
6-10-0	35-9-14

Material Design Pass

Member Forces Summary

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

Top Chord

10-27	0.02	326 lbs	-96 lbs
15-27	0.04	347 lbs	-97 lbs
15-32	0.18	287 lbs	-97 lbs
29-32	0.13	191 lbs	-55 lbs
11-29	0.08	191 lbs	-55 lbs
9-47	0.35	-263 lbs	-263 lbs
47-48	0.35	734 lbs	-316 lbs
17-48	0.32	1107 lbs	-504 lbs
17-25	0.20	1107 lbs	-504 lbs
21-25	0.19	780 lbs	-333 lbs
19-21	0.15	512 lbs	-190 lbs
19-36	0.11	359 lbs	-105 lbs
10-36	0.04	273 lbs	-57 lbs
8-38	0.10	-978 lbs	-978 lbs
38-58	0.09	-978 lbs	-978 lbs
58-59	0.10	-999 lbs	-999 lbs
59-60	0.20	-999 lbs	-999 lbs
60-64	0.17	-896 lbs	-896 lbs
9-64	0.14	-638 lbs	-638 lbs
7-31	0.00	41 lbs	-8 lbs
23-31	0.04	113 lbs	-32 lbs
13-23	0.22	-459 lbs	-459 lbs
13-44	0.25	-1540 lbs	-1540 lbs
43-44	0.26	-2073 lbs	-2073 lbs
43-52	0.22	-1852 lbs	-1852 lbs
51-52	0.18	-1512 lbs	-1512 lbs
50-51	0.18	-1252 lbs	-1252 lbs
39-50	0.13	-846 lbs	-846 lbs
8-39	0.14	-939 lbs	-939 lbs

Bot Chord

1-30	0.01	0 lbs	0 lbs
22-30	0.03	0 lbs	0 lbs
12-22	0.03	-132 lbs	-132 lbs
2-12	0.04	-132 lbs	-132 lbs
5-16	0.38	-1147 lbs	-1147 lbs
16-24	0.40	-1147 lbs	-1147 lbs
20-24	0.30	-820 lbs	-820 lbs
18-20	0.21	-552 lbs	-552 lbs
18-26	0.16	-399 lbs	-399 lbs
14-26	0.13	-325 lbs	-325 lbs
14-33	0.12	-325 lbs	-325 lbs
28-33	0.12	-325 lbs	-325 lbs
6-28	0.10	0 lbs	0 lbs
2-45	0.21	471 lbs	-360 lbs
42-45	0.44	1697 lbs	-1047 lbs
3-42	0.38	1697 lbs	-1047 lbs
3-54	0.32	1740 lbs	-1055 lbs
54-57	0.29	1484 lbs	-840 lbs
56-57	0.20	1170 lbs	-603 lbs
55-56	0.15	932 lbs	-418 lbs
55-61	0.14	822 lbs	-332 lbs
61-62	0.11	761 lbs	-284 lbs
62-63	0.26	731 lbs	-278 lbs
4-63	0.26	402 lbs	-104 lbs
4-46	0.31	-521 lbs	-521 lbs
46-49	0.56	-1351 lbs	-1351 lbs
5-49	0.50	-1351 lbs	-1351 lbs

Web

14-15	0.01	-69 lbs	-69 lbs
16-17	0.36	-943 lbs	-943 lbs
12-13	0.19	-1278 lbs	-1278 lbs
6-11	0.01	-74 lbs	-74 lbs
18-19	0.12	594 lbs	-323 lbs
20-21	0.16	802 lbs	-425 lbs
22-23	0.02	112 lbs	-111 lbs
24-25	0.21	1022 lbs	-552 lbs
28-29	0.03	281 lbs	-190 lbs
26-27	0.03	-94 lbs	-94 lbs
30-31	0.00	41 lbs	-31 lbs
42-43	0.04	354 lbs	-261 lbs
44-45	0.22	-1484 lbs	-1484 lbs
46-47	0.24	-1599 lbs	-1599 lbs
48-49	0.45	-1782 lbs	-1782 lbs
52-54	0.08	665 lbs	-487 lbs
50-56	0.25	795 lbs	-585 lbs
51-57	0.16	776 lbs	-564 lbs
58-61	0.07	-159 lbs	-159 lbs
59-62	0.16	-551 lbs	-551 lbs
60-63	0.22	-1290 lbs	-1290 lbs
39-40	0.13	-1080 lbs	-1080 lbs
38-40	0.13	-1080 lbs	-1080 lbs
40-55	0.03	229 lbs	-170 lbs
40-41	0.03	229 lbs	-170 lbs
19-20	0.30	-760 lbs	-760 lbs
21-24	0.42	-1030 lbs	-1030 lbs

Web

16-25	0.43	-1016 lbs	-1016 lbs
15-26	0.01	104 lbs	-20 lbs
32-33	0.10	-646 lbs	-646 lbs
18-36	0.17	-430 lbs	-430 lbs
13-45	0.09	1115 lbs	-586 lbs
42-44	0.09	1058 lbs	-591 lbs
46-48	0.21	2193 lbs	-1132 lbs
17-49	0.17	1042 lbs	-545 lbs
43-54	0.08	-507 lbs	-507 lbs
50-55	0.23	-473 lbs	-473 lbs
51-56	0.29	-855 lbs	-855 lbs
52-57	0.19	-869 lbs	-869 lbs
55-58	0.09	272 lbs	-186 lbs
59-61	0.01	165 lbs	-21 lbs
60-62	0.10	909 lbs	-474 lbs
63-64	0.08	1015 lbs	-523 lbs

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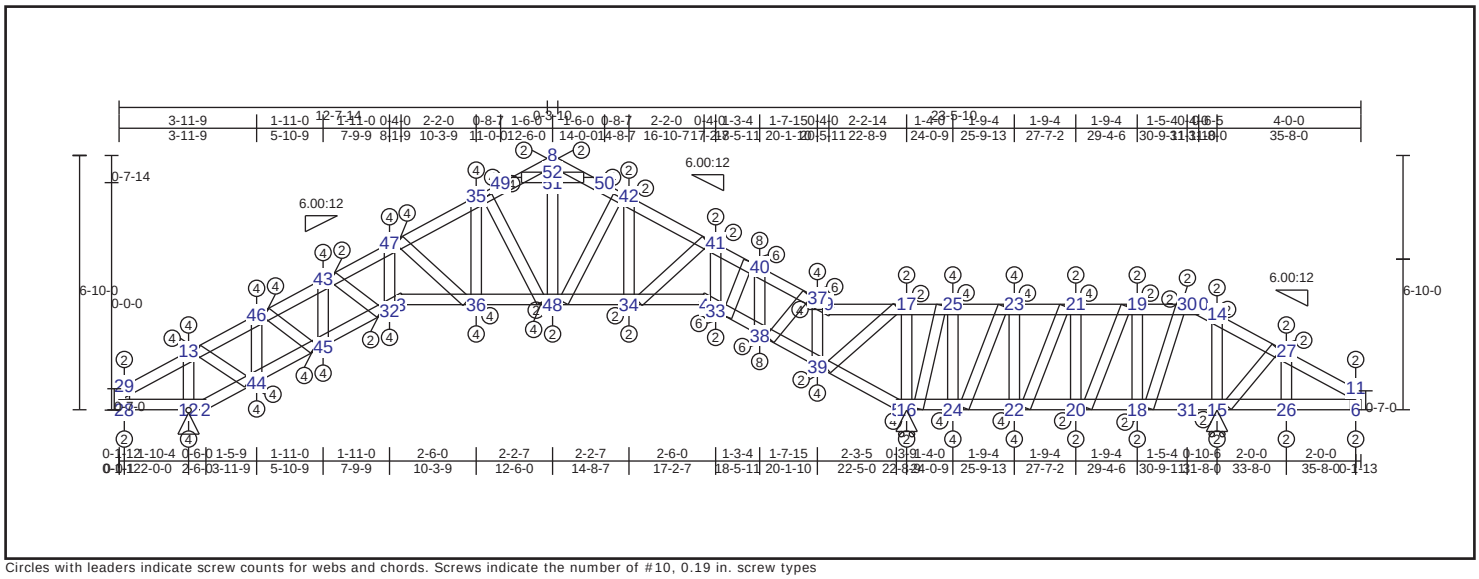
TRUSS TD24 (spacing 24 in)



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 (40 - 37)	TL(V): 0.12 in.	L / 875	(3-36)	L / 360
BC :	0.62 (39 - 5)	LL(V): 0.07 in.	L / 999	(3-36)	L / 360
Web :	0.42 (38 - 40)	DL(V): 0.05 in.	L / 999	(3-36)	L / 0
		Cant / OH TL: 0.07 in.	2L / 999	(3-36)	2L / 360
		Cant / OH LL: 0.07 in.	2L / 999	(3-36)	2L / 360
		Horiz TL: 0.06 in.		5	
		Web :			
		Snow/Wind -0.06 in.	L / 999	(3-36)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 999	(3-36)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
12	Pin		90 lbs	1210 lbs	0 lbs	-420 lbs	90 lbs
14	NA		0 lbs	550 lbs	0 lbs	-280 lbs	0 lbs
15	HRoll		0 lbs	2320 lbs	0 lbs	-280 lbs	0 lbs
16	HRoll		0 lbs	2320 lbs	0 lbs	-280 lbs	0 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
6-10-0	35-9-14

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-29	0.01	90 lbs	-6 lbs	5-16	0.56	-1660 lbs	-1660 lbs	12-13	0.19	-1249 lbs	-1249 lbs	21-22	0.21	-845 lbs	-845 lbs
13-29	0.23	-469 lbs	-469 lbs	16-24	0.54	-1660 lbs	-1660 lbs	16-17	0.14	-667 lbs	-667 lbs	23-24	0.30	-1225 lbs	-1225 lbs
13-46	0.20	-1437 lbs	-1437 lbs	22-24	0.50	-1387 lbs	-1387 lbs	14-15	0.03	-153 lbs	-153 lbs	15-27	0.08	-512 lbs	-512 lbs
43-46	0.30	-2448 lbs	-2448 lbs	20-22	0.32	-917 lbs	-917 lbs	6-11	0.01	-59 lbs	-59 lbs	16-25	0.26	-1151 lbs	-1151 lbs
43-47	0.35	-2767 lbs	-2767 lbs	18-20	0.21	-593 lbs	-593 lbs	18-19	0.03	232 lbs	-125 lbs	18-30	0.06	-239 lbs	-239 lbs
35-47	0.30	-2249 lbs	-2249 lbs	15-18	0.15	-420 lbs	-420 lbs	20-21	0.06	528 lbs	-272 lbs	17-39	0.09	807 lbs	-457 lbs
35-49	0.17	-1282 lbs	-1282 lbs	15-26	0.11	-342 lbs	-342 lbs	22-23	0.10	905 lbs	-465 lbs	37-38	0.14	1918 lbs	-920 lbs
8-49	0.14	-1234 lbs	-1234 lbs	6-26	0.09	0 lbs	0 lbs	24-25	0.14	1191 lbs	-639 lbs	33-40	0.12	1742 lbs	-818 lbs
8-50	0.12	-1213 lbs	-1213 lbs	4-33	0.20	808 lbs	-281 lbs	26-27	0.02	203 lbs	-124 lbs	45-46	0.09	1070 lbs	-582 lbs
42-50	0.10	-1227 lbs	-1227 lbs	33-38	0.37	711 lbs	-549 lbs	28-29	0.00	31 lbs	-14 lbs	13-44	0.08	1060 lbs	-544 lbs
41-42	0.18	-1250 lbs	-1250 lbs	38-39	0.47	-1486 lbs	-1486 lbs	35-36	0.12	890 lbs	-559 lbs	32-43	0.04	705 lbs	-286 lbs
40-41	0.36	-1193 lbs	-1193 lbs	5-39	0.62	-1829 lbs	-1829 lbs	38-40	0.42	-2761 lbs	-2761 lbs	36-47	0.23	-1203 lbs	-1203 lbs
37-40	0.41	-1143 lbs	-1143 lbs	3-36	0.41	2353 lbs	-1265 lbs	37-39	0.14	-968 lbs	-968 lbs	34-41	0.02	180 lbs	-87 lbs
9-37	0.25	957 lbs	-455 lbs	36-48	0.24	1435 lbs	-658 lbs	33-41	0.07	-472 lbs	-472 lbs	35-48	0.26	-838 lbs	-838 lbs
9-17	0.15	1632 lbs	-799 lbs	34-48	0.15	1051 lbs	-383 lbs	34-42	0.03	-133 lbs	-133 lbs	42-48	0.01	118 lbs	-48 lbs
17-25	0.24	1632 lbs	-799 lbs	4-34	0.13	1051 lbs	-383 lbs	43-45	0.19	-1290 lbs	-1290 lbs				
23-25	0.22	1359 lbs	-657 lbs	2-44	0.18	593 lbs	-395 lbs	44-46	0.16	-1082 lbs	-1082 lbs				
21-23	0.17	889 lbs	-410 lbs	44-45	0.29	1600 lbs	-943 lbs	32-47	0.09	1024 lbs	-616 lbs				
19-21	0.11	565 lbs	-237 lbs	32-45	0.52	2526 lbs	-1387 lbs	49-51	0.26	-1218 lbs	-1218 lbs				
19-30	0.05	392 lbs	-141 lbs	3-32	0.50	2526 lbs	-1387 lbs	50-51	0.26	-1218 lbs	-1218 lbs				
10-30	0.02	314 lbs	-97 lbs	1-28	0.01	0 lbs	0 lbs	48-51	0.05	734 lbs	-458 lbs				
10-14	0.03	306 lbs	-100 lbs	12-28	0.02	-92 lbs	-92 lbs	51-52	0.03	734 lbs	-458 lbs				
14-27	0.14	353 lbs	-134 lbs	2-12	0.03	-92 lbs	-92 lbs	19-20	0.11	-452 lbs	-452 lbs				
11-27	0.08	155 lbs	-31 lbs												

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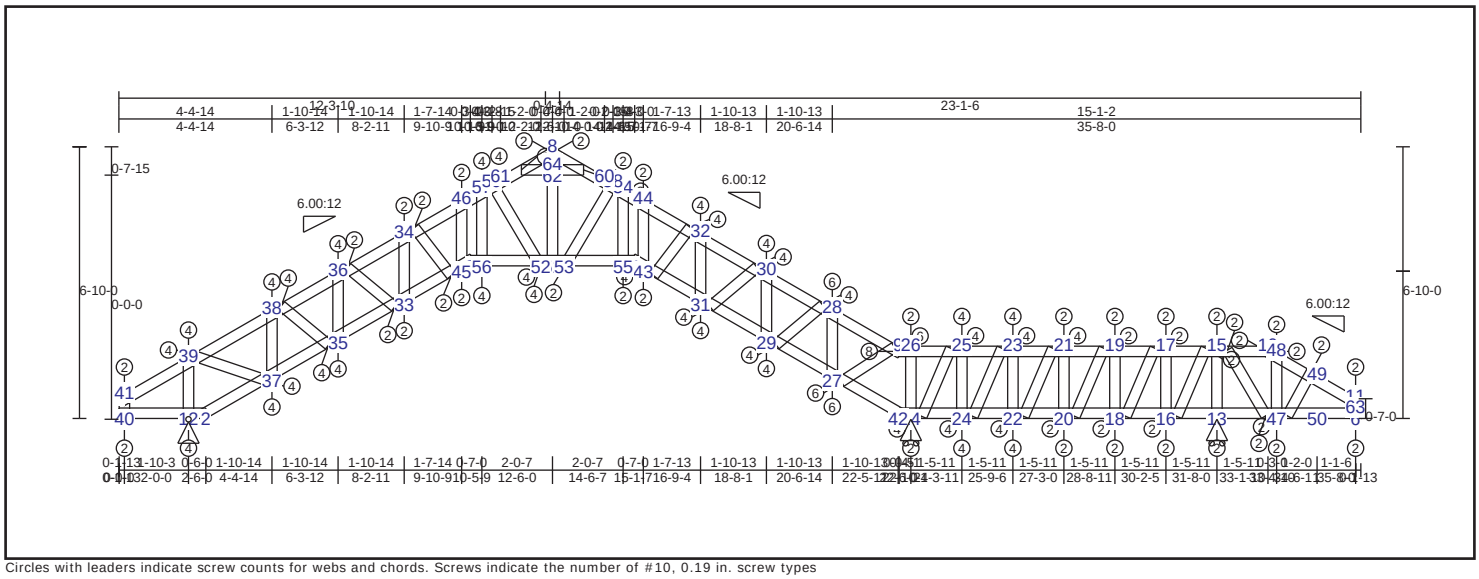
TRUSS TD25 (spacing 24 in)



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 (34 - 46)	TL(V): 0.15 in.	L / 669	(45-3)	L / 360
BC :	0.98 (27 - 5)	LL(V): 0.08 in.	L / 999	(45-3)	L / 360
Web :	0.39 (61 - 62)	DL(V): 0.07 in.	L / 999	(45-3)	L / 0
		Cant / OH TL: 0.08 in.	2L / 999	(45-3)	2L / 360
		Cant / OH LL: 0.08 in.	2L / 999	(45-3)	2L / 360
		Horiz TL: 0.08 in.		5	
		Web :			
		Snow/Wind -0.08 in.	L / 999	(45-3)	L / 360
		Cant (Snow/Wind) -0.08 in.	L / 999	(45-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
12	Pin		90 lbs	1230 lbs	0 lbs	-430 lbs	90 lbs
13	HRoll		0 lbs	2310 lbs	0 lbs	-290 lbs	0 lbs
14	HRoll		0 lbs	2310 lbs	0 lbs	-290 lbs	0 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
6-10-0	35-9-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-26	0.13	2616 lbs	-1312 lbs	1-40	0.00	0 lbs	0 lbs	6-11	0.00	44 lbs	-20 lbs	17-18	0.05	-362 lbs	-362 lbs
25-26	0.22	2616 lbs	-1312 lbs	12-40	0.02	-92 lbs	-92 lbs	13-15	0.09	-604 lbs	-604 lbs	19-20	0.10	-679 lbs	-679 lbs
23-25	0.20	2062 lbs	-1031 lbs	2-12	0.03	-92 lbs	-92 lbs	16-17	0.02	237 lbs	-118 lbs	21-22	0.16	-1034 lbs	-1034 lbs
21-23	0.18	1483 lbs	-731 lbs	2-37	0.17	912 lbs	-570 lbs	18-19	0.03	391 lbs	-195 lbs	23-24	0.20	-1315 lbs	-1315 lbs
19-21	0.13	1027 lbs	-494 lbs	35-37	0.33	1815 lbs	-1055 lbs	20-21	0.05	711 lbs	-359 lbs	14-25	0.19	-1258 lbs	-1258 lbs
17-19	0.08	728 lbs	-337 lbs	33-35	0.41	2486 lbs	-1347 lbs	22-23	0.08	1024 lbs	-520 lbs	9-27	0.14	1823 lbs	-925 lbs
15-17	0.13	568 lbs	-251 lbs	33-45	0.46	2726 lbs	-1394 lbs	24-25	0.09	1107 lbs	-582 lbs	28-29	0.11	1529 lbs	-741 lbs
10-15	0.13	487 lbs	-244 lbs	3-45	0.39	2699 lbs	-1321 lbs	14-26	0.02	226 lbs	-163 lbs	33-36	0.03	615 lbs	-211 lbs
10-48	0.04	84 lbs	-11 lbs	3-56	0.42	2333 lbs	-1077 lbs	27-28	0.26	-1759 lbs	-1759 lbs	35-38	0.07	909 lbs	-480 lbs
48-49	0.06	135 lbs	-33 lbs	52-56	0.52	2333 lbs	-1077 lbs	29-30	0.21	-1431 lbs	-1431 lbs	30-31	0.09	1287 lbs	-573 lbs
11-49	0.05	71 lbs	-9 lbs	51-52	0.21	1521 lbs	-578 lbs	31-32	0.21	-1389 lbs	-1389 lbs	32-43	0.05	818 lbs	-306 lbs
8-60	0.17	-1717 lbs	-1717 lbs	51-53	0.21	1521 lbs	-578 lbs	33-34	0.08	-511 lbs	-511 lbs	34-45	0.02	281 lbs	-135 lbs
58-60	0.14	-1717 lbs	-1717 lbs	53-55	0.24	1778 lbs	-682 lbs	35-36	0.12	-824 lbs	-824 lbs	37-39	0.10	1219 lbs	-637 lbs
54-58	0.24	-1791 lbs	-1791 lbs	4-55	0.24	1778 lbs	-682 lbs	37-38	0.15	-1035 lbs	-1035 lbs	15-47	0.06	616 lbs	-369 lbs
44-54	0.28	-2105 lbs	-2105 lbs	4-43	0.22	1823 lbs	-708 lbs	12-39	0.18	-1215 lbs	-1215 lbs	47-49	0.04	-297 lbs	-297 lbs
32-44	0.26	-2105 lbs	-2105 lbs	31-43	0.25	1764 lbs	-680 lbs	40-41	0.00	26 lbs	-12 lbs				
30-32	0.26	-1903 lbs	-1903 lbs	29-31	0.24	921 lbs	-337 lbs	43-44	0.02	-126 lbs	-126 lbs				
28-30	0.26	-762 lbs	-762 lbs	27-29	0.65	-1838 lbs	-1838 lbs	45-46	0.04	357 lbs	-236 lbs				
9-28	0.29	2255 lbs	-1119 lbs	5-27	0.98	-2876 lbs	-2876 lbs	47-48	0.02	-139 lbs	-139 lbs				
7-41	0.01	87 lbs	-5 lbs	5-14	0.87	-2632 lbs	-2632 lbs	54-55	0.04	652 lbs	-291 lbs				
39-41	0.22	-459 lbs	-459 lbs	14-24	0.88	-2632 lbs	-2632 lbs	56-57	0.12	1412 lbs	-781 lbs				
38-39	0.21	-1722 lbs	-1722 lbs	22-24	0.70	-2077 lbs	-2077 lbs	53-58	0.08	-457 lbs	-457 lbs				
36-38	0.25	-2442 lbs	-2442 lbs	20-22	0.50	-1498 lbs	-1498 lbs	52-59	0.26	-1442 lbs	-1442 lbs				
34-36	0.28	-2884 lbs	-2884 lbs	18-20	0.34	-1043 lbs	-1043 lbs	61-62	0.39	-1846 lbs	-1846 lbs				
34-46	0.44	-2884 lbs	-2884 lbs	16-18	0.24	-743 lbs	-743 lbs	60-62	0.39	-1846 lbs	-1846 lbs				
46-57	0.42	-2632 lbs	-2632 lbs	13-16	0.19	-584 lbs	-584 lbs	51-62	0.06	1123 lbs	-636 lbs				
57-59	0.31	-1978 lbs	-1978 lbs	13-47	0.16	-502 lbs	-502 lbs	62-64	0.05	1123 lbs	-636 lbs				
59-61	0.21	-1771 lbs	-1771 lbs	6-47	0.08	-158 lbs	-158 lbs	15-16	0.03	-186 lbs	-186 lbs				
8-61	0.23	-1771 lbs	-1771 lbs												

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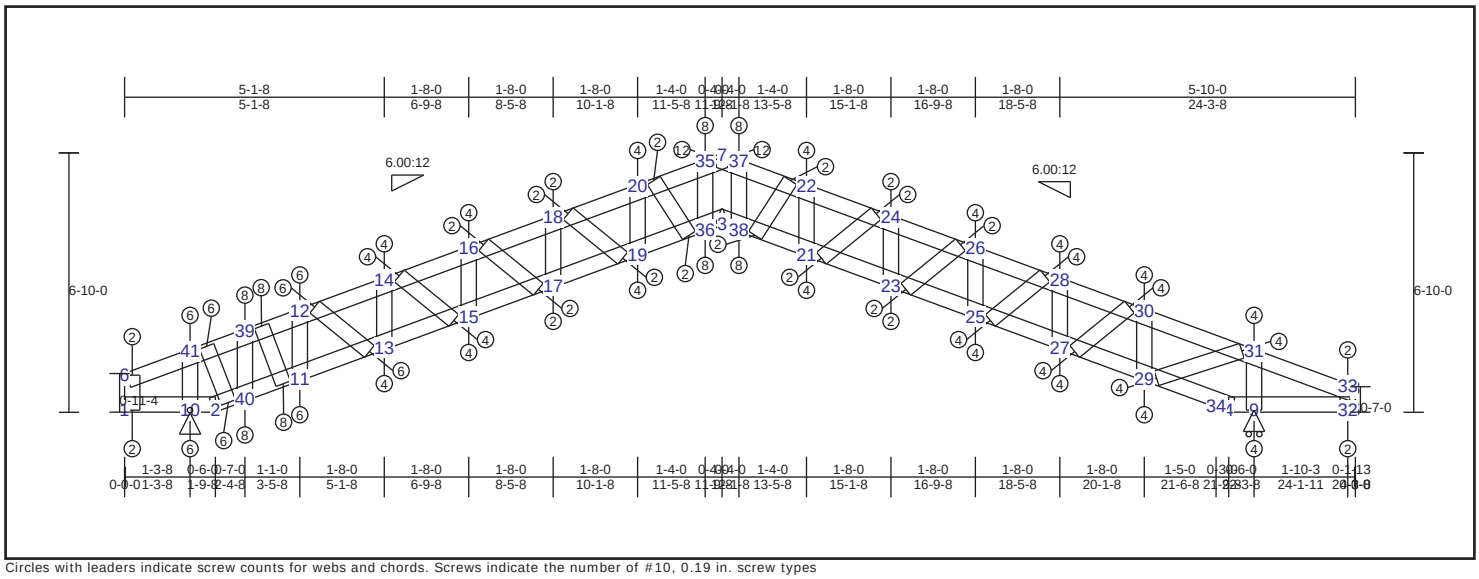
TRUSS TD26 (spacing 24 in)



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 :	0.70 (20 - 35)	TL(V): 0.33 in.	L / 404	(3-38)	L / 360
BC :	0.73 (36 - 3)	LL(V): 0.18 in.	L / 746	(3-38)	L / 360
Web :	0.43 (40 - 39)	DL(V): 0.15 in.	L / 880	(36-3)	L / 0
		Cant / OH TL: 0.18 in.	2L / 999	(3-38)	2L / 360
		Cant / OH LL: 0.18 in.	2L / 999	(3-38)	2L / 360
		Horiz TL: 0.19 in.		4	
		Web :			
		Snow/Wind -0.14 in.	L / 929	(36-3)	L / 360
		Cant (Snow/Wind) -0.14 in.	L / 999	(36-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
9	HRoll		0 lbs	1460 lbs	0 lbs	-480 lbs	0 lbs
10	Pin		-110 lbs	1360 lbs	0 lbs	-440 lbs	-110 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
6-10-0	24-3-8

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-37	0.53	-3682 lbs	-3682 lbs	4-9	0.01	0 lbs	0 lbs	11-12	0.34	-2278 lbs	-2278 lbs	20-36	0.02	457 lbs	-108 lbs
22-37	0.70	-4876 lbs	-4876 lbs	9-32	0.01	0 lbs	0 lbs	13-14	0.23	-1532 lbs	-1532 lbs	22-38	0.03	547 lbs	-102 lbs
22-24	0.48	-4876 lbs	-4876 lbs	5-32	0.01	0 lbs	0 lbs	15-16	0.15	-995 lbs	-995 lbs	11-39	0.21	2526 lbs	-1402 lbs
24-26	0.40	-4209 lbs	-4209 lbs	2-40	0.39	212 lbs	-202 lbs	17-18	0.10	-685 lbs	-685 lbs	29-31	0.11	1514 lbs	-732 lbs
26-28	0.37	-3764 lbs	-3764 lbs	11-40	0.44	1079 lbs	-651 lbs	19-20	0.18	-1206 lbs	-1206 lbs	40-41	0.16	2100 lbs	-1108 lbs
28-30	0.32	-3074 lbs	-3074 lbs	11-13	0.40	2077 lbs	-1179 lbs	21-22	0.18	-1237 lbs	-1237 lbs				
30-31	0.27	-2143 lbs	-2143 lbs	13-15	0.50	3060 lbs	-1656 lbs	23-24	0.11	-706 lbs	-706 lbs				
31-33	0.26	-577 lbs	-577 lbs	15-17	0.59	3705 lbs	-1901 lbs	25-26	0.16	-1038 lbs	-1038 lbs				
8-33	0.01	89 lbs	-2 lbs	17-19	0.62	4197 lbs	-1987 lbs	27-28	0.21	-1403 lbs	-1403 lbs				
6-41	0.32	-734 lbs	-734 lbs	19-36	0.64	4744 lbs	-2065 lbs	29-30	0.23	-1521 lbs	-1521 lbs				
39-41	0.38	-1577 lbs	-1577 lbs	3-36	0.73	4744 lbs	-2065 lbs	9-31	0.22	-1490 lbs	-1490 lbs				
12-39	0.44	-2071 lbs	-2071 lbs	3-38	0.71	4735 lbs	-1994 lbs	32-33	0.00	29 lbs	-5 lbs				
12-14	0.40	-3138 lbs	-3138 lbs	21-38	0.65	4735 lbs	-1994 lbs	35-36	0.20	2570 lbs	-1343 lbs				
14-16	0.37	-3803 lbs	-3803 lbs	21-23	0.57	4174 lbs	-1835 lbs	37-38	0.18	2548 lbs	-1185 lbs				
16-18	0.40	-4232 lbs	-4232 lbs	23-25	0.52	3668 lbs	-1681 lbs	39-40	0.43	-2845 lbs	-2845 lbs				
18-20	0.47	-4879 lbs	-4879 lbs	25-27	0.43	2996 lbs	-1406 lbs	1-6	0.01	179 lbs	-88 lbs				
20-35	0.70	-4879 lbs	-4879 lbs	27-29	0.33	2065 lbs	-996 lbs	10-41	0.29	-1931 lbs	-1931 lbs				
7-35	0.53	-3675 lbs	-3675 lbs	4-29	0.23	1004 lbs	-476 lbs	12-13	0.13	1659 lbs	-861 lbs				
				1-10	0.13	112 lbs	-58 lbs	14-15	0.07	1054 lbs	-462 lbs				
				2-10	0.13	112 lbs	-58 lbs	16-17	0.03	695 lbs	-205 lbs				
								18-19	0.03	636 lbs	-48 lbs				
								21-24	0.03	672 lbs	-158 lbs				
								23-26	0.04	720 lbs	-264 lbs				
								25-28	0.07	1075 lbs	-472 lbs				
								27-30	0.10	1365 lbs	-666 lbs				

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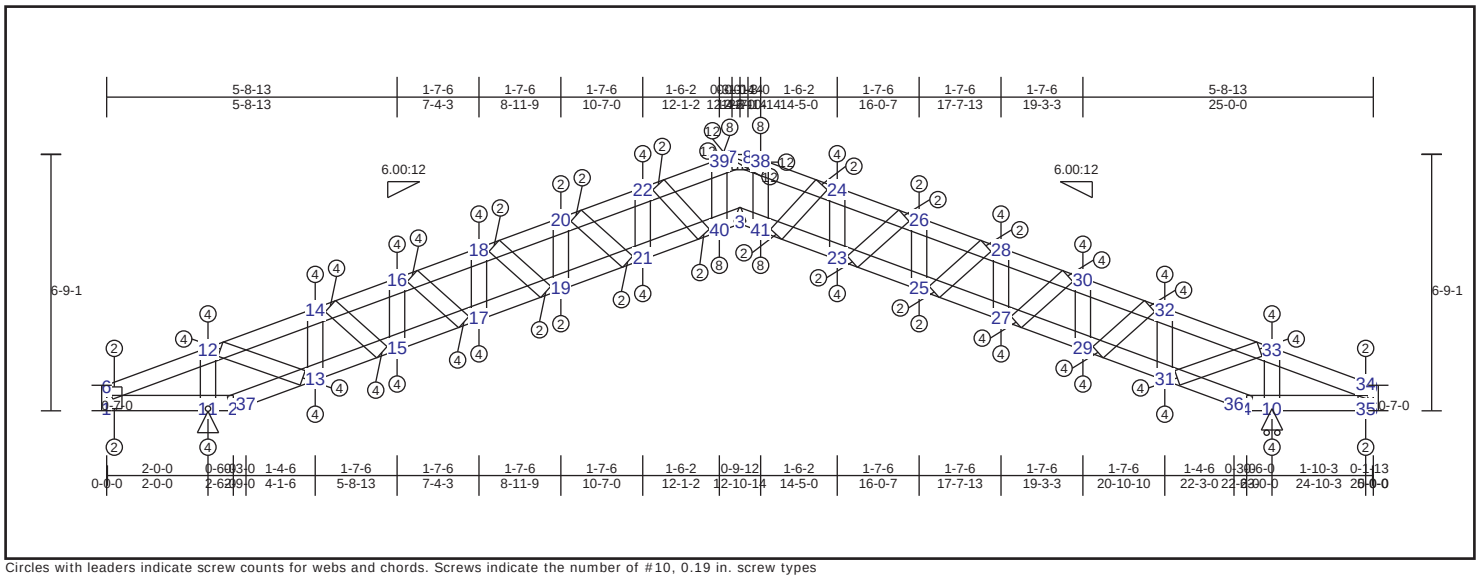
TRUSS TD27 (spacing 24 in)



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 (22 - 39)	TL(V): 0.35 in.	L / 381	(3-41)	L / 360
BC :	0.76 (3 - 41)	LL(V): 0.19 in.	L / 702	(3-41)	L / 360
Web :	0.23 (13 - 14)	DL(V): 0.16 in.	L / 833	(40-3)	L / 0
		Cant / OH TL: 0.19 in.	2L / 999	(3-41)	2L / 360
		Cant / OH LL: 0.19 in.	2L / 999	(3-41)	2L / 360
		Horiz TL: 0.21 in.		4	
		Web :			
		Snow/Wind -0.14 in.	L / 937	(40-3)	L / 360
		Cant (Snow/Wind) -0.14 in.	L / 999	(40-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
10	HRoll		0 lbs	1450 lbs	0 lbs	-480 lbs	0 lbs
11	Pin		-90 lbs	1450 lbs	0 lbs	-480 lbs	-90 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
6-9-1	25-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-38	0.50	-3794 lbs	-3794 lbs	1-11	0.02	91 lbs	-82 lbs	1-6	0.00	29 lbs	-15 lbs	12-13	0.12	1498 lbs	-772 lbs
24-38	0.66	-4932 lbs	-4932 lbs	2-11	0.03	91 lbs	-82 lbs	11-12	0.22	-1491 lbs	-1491 lbs	22-40	0.03	562 lbs	-43 lbs
24-26	0.51	-4886 lbs	-4886 lbs	4-10	0.02	0 lbs	0 lbs	13-14	0.23	-1555 lbs	-1555 lbs	24-41	0.03	613 lbs	-43 lbs
26-28	0.39	-4113 lbs	-4113 lbs	10-35	0.02	0 lbs	0 lbs	15-16	0.22	-1452 lbs	-1452 lbs				
28-30	0.36	-3688 lbs	-3688 lbs	5-35	0.01	0 lbs	0 lbs	17-18	0.16	-1093 lbs	-1093 lbs				
30-32	0.31	-3011 lbs	-3011 lbs	2-13	0.23	960 lbs	-576 lbs	19-20	0.11	-713 lbs	-713 lbs				
32-33	0.27	-2111 lbs	-2111 lbs	13-15	0.37	1981 lbs	-1121 lbs	21-22	0.22	-1496 lbs	-1496 lbs				
33-34	0.26	-577 lbs	-577 lbs	15-17	0.48	2893 lbs	-1569 lbs	23-24	0.22	-1497 lbs	-1497 lbs				
9-34	0.01	90 lbs	-2 lbs	17-19	0.58	3562 lbs	-1834 lbs	25-26	0.11	-714 lbs	-714 lbs				
7-8	0.30	-4224 lbs	-4224 lbs	19-21	0.60	4060 lbs	-1947 lbs	27-28	0.16	-1093 lbs	-1093 lbs				
6-12	0.26	-578 lbs	-578 lbs	21-40	0.70	4802 lbs	-2085 lbs	29-30	0.22	-1454 lbs	-1454 lbs				
12-14	0.27	-2114 lbs	-2114 lbs	3-40	0.75	4802 lbs	-2065 lbs	31-32	0.23	-1554 lbs	-1554 lbs				
14-16	0.31	-3013 lbs	-3013 lbs	3-41	0.76	4801 lbs	-2019 lbs	10-33	0.22	-1493 lbs	-1493 lbs				
16-18	0.36	-3690 lbs	-3690 lbs	23-41	0.72	4801 lbs	-2019 lbs	34-35	0.00	31 lbs	-5 lbs				
18-20	0.39	-4114 lbs	-4114 lbs	23-25	0.55	4059 lbs	-1794 lbs	39-40	0.18	2447 lbs	-1190 lbs				
20-22	0.51	-4886 lbs	-4886 lbs	25-27	0.51	3561 lbs	-1631 lbs	38-41	0.18	2447 lbs	-1190 lbs				
22-39	0.66	-4932 lbs	-4932 lbs	27-29	0.42	2891 lbs	-1359 lbs	14-15	0.11	1391 lbs	-734 lbs				
7-39	0.50	-3794 lbs	-3794 lbs	29-31	0.32	1978 lbs	-957 lbs	16-17	0.07	1115 lbs	-495 lbs				
				4-31	0.23	957 lbs	-454 lbs	18-19	0.04	746 lbs	-237 lbs				
								20-21	0.04	737 lbs	-114 lbs				
								23-26	0.04	738 lbs	-210 lbs				
								25-28	0.04	747 lbs	-277 lbs				
								27-30	0.07	1116 lbs	-491 lbs				
								29-32	0.10	1394 lbs	-679 lbs				
								31-33	0.11	1494 lbs	-723 lbs				

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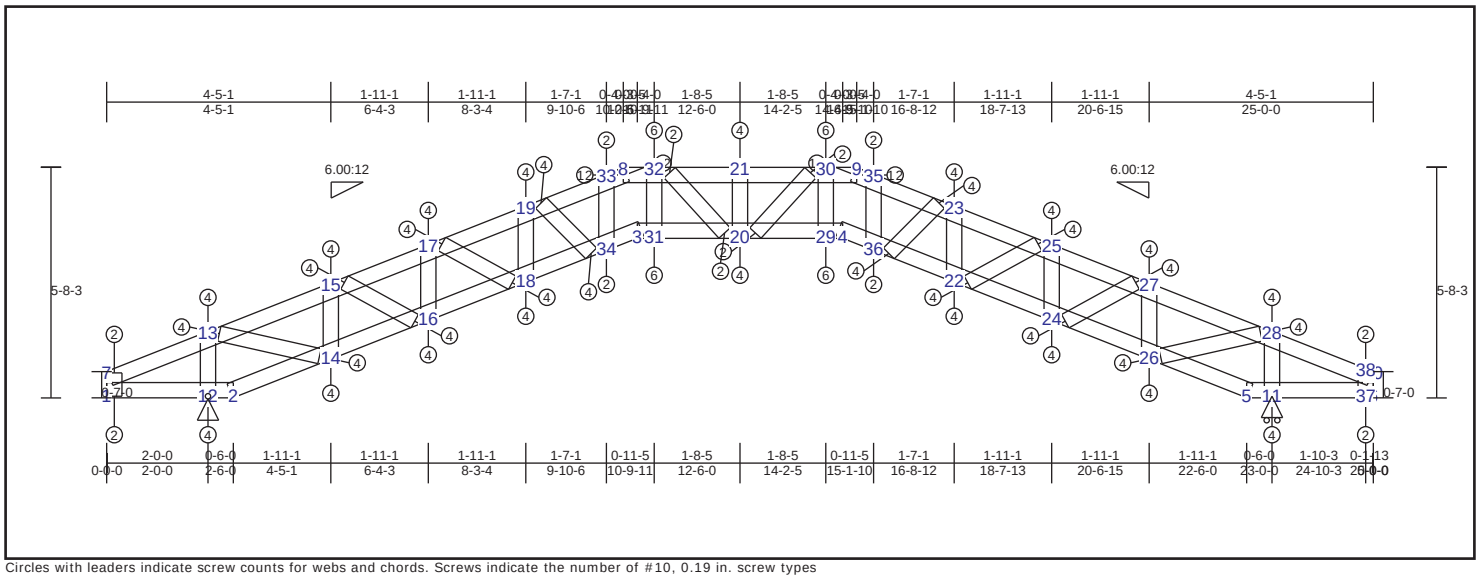
TRUSS TD28 (spacing 24 in)



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 :	0.70 (8 - 32)	TL(V): 0.3 in.	L / 183	(32-21)	L / 360
BC :	0.66 (34 - 3)	LL(V): 0.17 in.	L / 330	(32-21)	L / 360
Web :	0.22 (22 - 23)	DL(V): 0.13 in.	L / 410	(32-21)	L / 0
		Cant / OH TL: 0.16 in.	2L / 0	(34-3)	2L / 360
		Cant / OH LL: 0.16 in.	2L / 0	(34-3)	2L / 360
		Horiz TL: 0.17 in.		5	
		Web :			
		Snow/Wind -0.13 in.	L / 420	(32-21)	L / 360
		Cant (Snow/Wind) -0.13 in.	L / 0	(34-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	1440 lbs	0 lbs	-500 lbs	0 lbs
12	Pin		-80 lbs	1440 lbs	0 lbs	-470 lbs	-80 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
5-8-3	25-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Deflection check **pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
9-35	0.37	-4175 lbs	-4175 lbs	3-31	0.60	3891 lbs	-1730 lbs	1-7	0.00	21 lbs	-10 lbs
23-35	0.44	-4446 lbs	-4446 lbs	20-31	0.60	4005 lbs	-1736 lbs	12-13	0.21	-1436 lbs	-1436 lbs
23-25	0.46	-4275 lbs	-4275 lbs	20-29	0.58	4005 lbs	-1736 lbs	14-15	0.20	-1329 lbs	-1329 lbs
25-27	0.33	-3198 lbs	-3198 lbs	4-29	0.58	3890 lbs	-1665 lbs	16-17	0.16	-1071 lbs	-1071 lbs
27-28	0.27	-2221 lbs	-2221 lbs	1-12	0.02	76 lbs	-67 lbs	18-19	0.22	-1495 lbs	-1495 lbs
28-38	0.25	-557 lbs	-557 lbs	2-12	0.02	76 lbs	-67 lbs	20-21	0.20	-1318 lbs	-1318 lbs
10-38	0.01	86 lbs	-1 lbs	5-11	0.00	0 lbs	0 lbs	22-23	0.22	-1496 lbs	-1496 lbs
8-32	0.70	-3953 lbs	-3953 lbs	11-37	0.01	0 lbs	0 lbs	24-25	0.16	-1073 lbs	-1073 lbs
21-32	0.70	-4067 lbs	-4067 lbs	6-37	0.00	0 lbs	0 lbs	26-27	0.20	-1328 lbs	-1328 lbs
21-30	0.70	-4067 lbs	-4067 lbs	4-36	0.64	4212 lbs	-1880 lbs	11-28	0.21	-1438 lbs	-1438 lbs
9-30	0.70	-3952 lbs	-3952 lbs	22-36	0.64	4212 lbs	-1880 lbs	29-30	0.11	1682 lbs	-717 lbs
7-13	0.25	-557 lbs	-557 lbs	22-24	0.47	3345 lbs	-1603 lbs	31-32	0.11	1682 lbs	-760 lbs
13-15	0.27	-2224 lbs	-2224 lbs	24-26	0.38	2367 lbs	-1195 lbs	33-34	0.06	502 lbs	-388 lbs
15-17	0.33	-3199 lbs	-3199 lbs	5-26	0.21	1187 lbs	-597 lbs	35-36	0.06	502 lbs	-390 lbs
17-19	0.46	-4276 lbs	-4276 lbs	2-14	0.21	1189 lbs	-666 lbs	37-38	0.00	21 lbs	-2 lbs
19-33	0.44	-4446 lbs	-4446 lbs	14-16	0.40	2370 lbs	-1264 lbs	15-16	0.09	1191 lbs	-588 lbs
8-33	0.37	-4175 lbs	-4175 lbs	16-18	0.49	3346 lbs	-1674 lbs	17-18	0.06	1006 lbs	-388 lbs
				18-34	0.66	4213 lbs	-1951 lbs	22-25	0.06	1007 lbs	-393 lbs
				3-34	0.66	4213 lbs	-1951 lbs	24-27	0.09	1193 lbs	-584 lbs
								20-30	0.03	197 lbs	-178 lbs
								20-32	0.03	-209 lbs	-209 lbs
								19-34	0.05	921 lbs	-270 lbs
								23-36	0.05	922 lbs	-277 lbs
								26-28	0.12	1575 lbs	-804 lbs
								13-14	0.12	1579 lbs	-797 lbs

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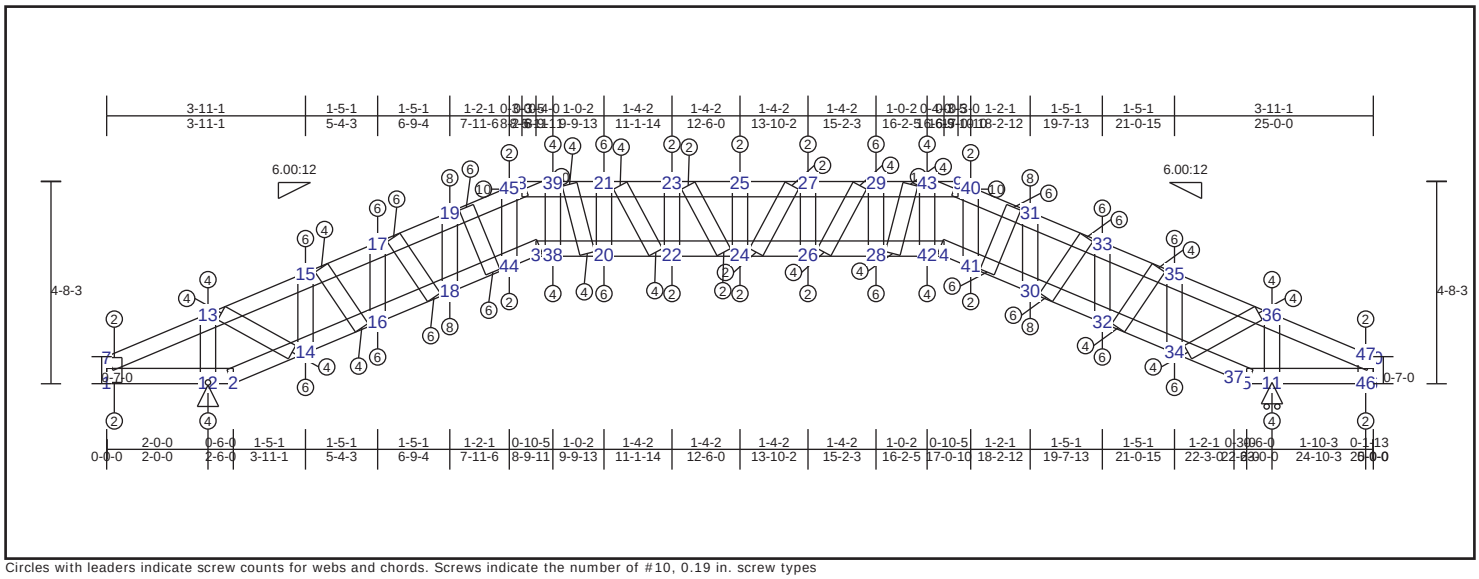
TRUSS TD29 (spacing 24 in)



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 (29 - 43)	TL(V): 0.29 in.	L / 349	(23-25)	L / 360
BC :	0.71 (41 - 30)	LL(V): 0.17 in.	L / 620	(23-25)	L / 360
Web :	0.39 (30 - 31)	DL(V): 0.13 in.	L / 796	(23-25)	L / 0
		Cant / OH TL: 0.14 in.	2L / 0	(44-3)	2L / 360
		Cant / OH LL: 0.14 in.	2L / 0	(44-3)	2L / 360
		Horiz TL: 0.15 in.		5	
		Web :			
		Snow/Wind -0.15 in.	L / 701	(23-25)	L / 360
		Cant (Snow/Wind) -0.12 in.	L / 0	(44-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	1430 lbs	0 lbs	-520 lbs	0 lbs
12	Pin		-60 lbs	1430 lbs	0 lbs	-460 lbs	-60 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
4-8-3	25-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Deflection check **pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-40	0.31	-3665 lbs	-3665 lbs	3-38	0.52	3417 lbs	-1589 lbs	1-7	0.00	39 lbs	-15 lbs	26-29	0.08	1005 lbs	-553 lbs
31-40	0.42	-4060 lbs	-4060 lbs	20-38	0.52	3600 lbs	-1725 lbs	12-13	0.23	-1526 lbs	-1526 lbs	30-33	0.12	1718 lbs	-810 lbs
31-33	0.51	-4060 lbs	-4060 lbs	20-22	0.64	4012 lbs	-1995 lbs	14-15	0.26	-1721 lbs	-1721 lbs	32-35	0.12	1578 lbs	-839 lbs
33-35	0.30	-2859 lbs	-2859 lbs	22-24	0.64	4104 lbs	-2068 lbs	16-17	0.27	-1816 lbs	-1816 lbs	20-39	0.10	868 lbs	-641 lbs
35-36	0.28	-2017 lbs	-2017 lbs	24-26	0.64	4104 lbs	-2068 lbs	18-19	0.39	-2605 lbs	-2605 lbs	31-41	0.11	1735 lbs	-730 lbs
36-47	0.27	-588 lbs	-588 lbs	26-28	0.64	4012 lbs	-2029 lbs	20-21	0.26	-1723 lbs	-1723 lbs	19-44	0.11	1734 lbs	-773 lbs
10-47	0.01	95 lbs	-5 lbs	28-42	0.55	3599 lbs	-1804 lbs	22-23	0.08	-544 lbs	-544 lbs	34-36	0.11	1460 lbs	-766 lbs
7-13	0.27	-589 lbs	-589 lbs	4-42	0.55	3416 lbs	-1693 lbs	24-25	0.03	-185 lbs	-185 lbs	13-14	0.11	1464 lbs	-739 lbs
13-15	0.28	-2020 lbs	-2020 lbs	1-12	0.03	61 lbs	-53 lbs	26-27	0.08	-545 lbs	-545 lbs	28-43	0.08	869 lbs	-524 lbs
15-17	0.30	-2861 lbs	-2861 lbs	2-12	0.03	61 lbs	-53 lbs	28-29	0.26	-1724 lbs	-1724 lbs				
17-19	0.51	-4062 lbs	-4062 lbs	5-11	0.03	0 lbs	0 lbs	30-31	0.39	-2606 lbs	-2606 lbs				
19-45	0.42	-4062 lbs	-4062 lbs	11-46	0.03	0 lbs	0 lbs	32-33	0.27	-1818 lbs	-1818 lbs				
8-45	0.31	-3666 lbs	-3666 lbs	6-46	0.01	0 lbs	0 lbs	34-35	0.26	-1719 lbs	-1719 lbs				
8-39	0.62	-3467 lbs	-3467 lbs	4-41	0.64	3518 lbs	-1793 lbs	11-36	0.23	-1527 lbs	-1527 lbs				
21-39	0.62	-3650 lbs	-3650 lbs	30-41	0.71	3740 lbs	-1888 lbs	38-39	0.08	1225 lbs	-550 lbs				
21-23	0.45	-4062 lbs	-4062 lbs	30-32	0.44	2568 lbs	-1336 lbs	40-41	0.04	-282 lbs	-282 lbs				
23-25	0.37	-4154 lbs	-4154 lbs	32-34	0.30	1652 lbs	-871 lbs	42-43	0.08	1224 lbs	-540 lbs				
25-27	0.37	-4154 lbs	-4154 lbs	5-34	0.24	788 lbs	-404 lbs	44-45	0.04	280 lbs	-271 lbs				
27-29	0.45	-4062 lbs	-4062 lbs	2-14	0.24	791 lbs	-427 lbs	46-47	0.00	41 lbs	-11 lbs				
29-43	0.62	-3649 lbs	-3649 lbs	14-16	0.30	1655 lbs	-863 lbs	15-16	0.12	1575 lbs	-780 lbs				
9-43	0.62	-3466 lbs	-3466 lbs	16-18	0.42	2570 lbs	-1289 lbs	17-18	0.12	1717 lbs	-808 lbs				
				18-44	0.68	3741 lbs	-1776 lbs	21-22	0.10	1003 lbs	-657 lbs				
				3-44	0.60	3519 lbs	-1695 lbs	23-24	0.03	223 lbs	-177 lbs				
								24-27	0.02	224 lbs	-154 lbs				

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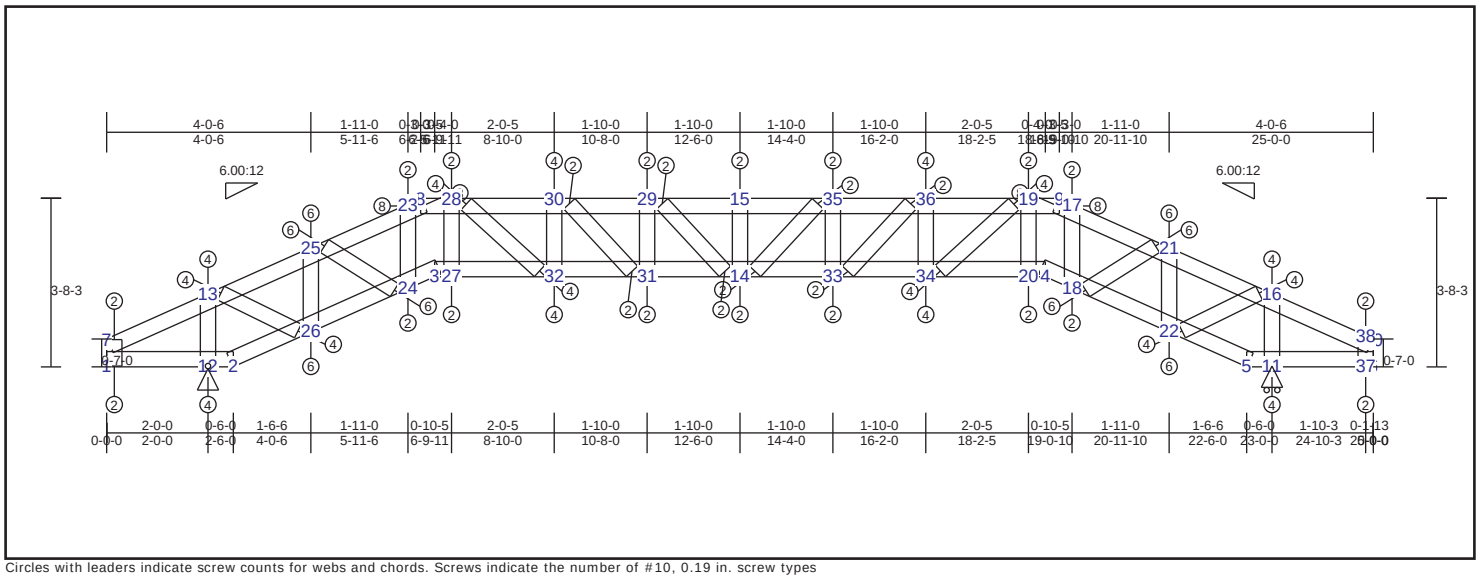
TRUSS TD30 (spacing 24 in)



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 (28 - 30)	TL(V): 0.25 in.	L / 602	(29-15)	L / 360
BC :	0.73 (31 - 14)	LL(V): 0.14 in.	L / 999	(29-15)	L / 360
Web :	0.30 (26 - 25)	DL(V): 0.11 in.	L / 999	(29-15)	L / 0
		Cant / OH TL: 0.1 in.	2L / 0	(3-27)	2L / 360
		Cant / OH LL: 0.1 in.	2L / 0	(3-27)	2L / 360
		Horiz TL: 0.11 in.		5	
		Web :			
		Snow/Wind -0.14 in.	L / 999	(29-15)	L / 360
		Cant (Snow/Wind) -0.09 in.	L / 0	(3-27)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	1420 lbs	0 lbs	-540 lbs	0 lbs
12	Pin		-50 lbs	1420 lbs	0 lbs	-470 lbs	-50 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
3-8-3	25-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-28	0.50	-2668 lbs	-2668 lbs	3-27	0.42	2630 lbs	-1350 lbs	1-7	0.00	18 lbs	-2 lbs
28-30	0.66	-3593 lbs	-3593 lbs	27-32	0.58	3555 lbs	-1957 lbs	12-13	0.21	-1392 lbs	-1392 lbs
29-30	0.36	-4056 lbs	-4056 lbs	31-32	0.69	4018 lbs	-2259 lbs	14-15	0.03	-211 lbs	-211 lbs
15-29	0.38	-4159 lbs	-4159 lbs	14-31	0.73	4121 lbs	-2334 lbs	11-16	0.21	-1394 lbs	-1394 lbs
15-35	0.38	-4159 lbs	-4159 lbs	14-33	0.73	4121 lbs	-2334 lbs	17-18	0.01	93 lbs	-92 lbs
35-36	0.36	-4055 lbs	-4055 lbs	33-34	0.70	4017 lbs	-2280 lbs	19-20	0.03	460 lbs	-196 lbs
19-36	0.66	-3592 lbs	-3592 lbs	20-34	0.59	3554 lbs	-1999 lbs	21-22	0.30	-2023 lbs	-2023 lbs
9-19	0.50	-2666 lbs	-2666 lbs	4-20	0.45	2628 lbs	-1421 lbs	23-24	0.01	94 lbs	-94 lbs
7-13	0.24	-540 lbs	-540 lbs	1-12	0.01	47 lbs	-38 lbs	25-26	0.30	-2025 lbs	-2025 lbs
13-25	0.34	-2197 lbs	-2197 lbs	2-12	0.01	47 lbs	-38 lbs	27-28	0.03	461 lbs	-199 lbs
23-25	0.34	-2967 lbs	-2967 lbs	5-11	0.01	0 lbs	0 lbs	30-32	0.19	-1254 lbs	-1254 lbs
8-23	0.23	-2864 lbs	-2864 lbs	11-37	0.01	0 lbs	0 lbs	29-31	0.04	-279 lbs	-279 lbs
9-17	0.23	-2863 lbs	-2863 lbs	6-37	0.00	0 lbs	0 lbs	33-35	0.04	-280 lbs	-280 lbs
17-21	0.34	-2964 lbs	-2964 lbs	2-26	0.27	840 lbs	-423 lbs	34-36	0.19	-1255 lbs	-1255 lbs
16-21	0.34	-2193 lbs	-2193 lbs	24-26	0.60	2545 lbs	-1304 lbs	37-38	0.00	18 lbs	0 lbs
16-38	0.24	-540 lbs	-540 lbs	3-24	0.51	2545 lbs	-1304 lbs	18-21	0.13	1658 lbs	-891 lbs
10-38	0.01	84 lbs	0 lbs	4-18	0.53	2542 lbs	-1381 lbs	16-22	0.12	1453 lbs	-791 lbs
				18-22	0.63	2542 lbs	-1381 lbs	24-25	0.13	1656 lbs	-871 lbs
				5-22	0.27	837 lbs	-447 lbs	13-26	0.12	1457 lbs	-783 lbs
								28-32	0.13	1320 lbs	-866 lbs
								14-29	0.02	162 lbs	-119 lbs
								30-31	0.07	725 lbs	-473 lbs
								19-34	0.13	1321 lbs	-824 lbs
								33-36	0.07	726 lbs	-441 lbs
								14-35	0.02	162 lbs	-100 lbs

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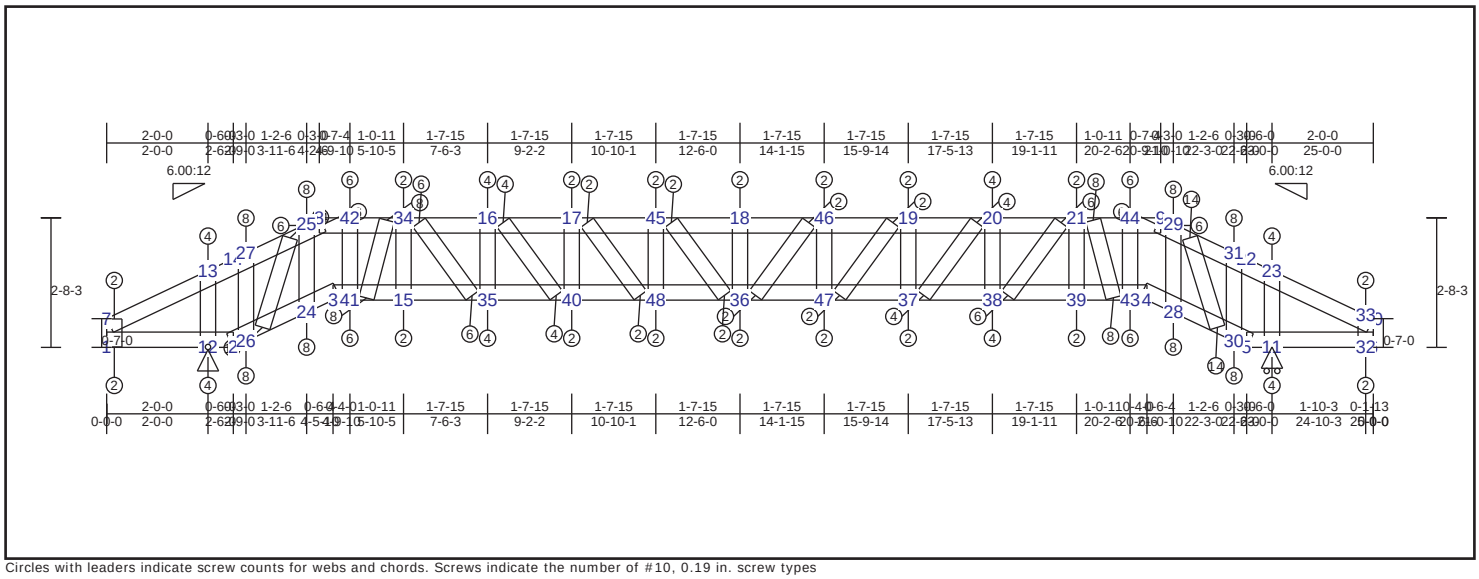
TRUSS TD31 (spacing 24 in)



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 :	0.70 (27 - 25)	TL(V): 0.3 in.	L / 658	(45-18)	L / 360
BC :	0.84 (26 - 24)	LL(V): 0.17 in.	L / 999	(45-18)	L / 360
Web :	0.86 (26 - 25)	DL(V): 0.13 in.	L / 999	(45-18)	L / 0
		Cant / OH TL: 0.17 in.	2L / 999	(45-18)	2L / 360
		Cant / OH LL: 0.17 in.	2L / 999	(45-18)	2L / 360
		Horiz TL: 0.11 in.		10	
		Web :			
		Snow/Wind -0.18 in.	L / 999	(45-18)	L / 360
		Cant (Snow/Wind) -0.18 in.	L / 999	(45-18)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	1420 lbs	0 lbs	-510 lbs	0 lbs
12	Pin		-30 lbs	1410 lbs	0 lbs	-550 lbs	-30 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
2-8-3	25-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
9-29	0.13	-1759 lbs	-1759 lbs	5-11	0.06	0 lbs	0 lbs	1-7	0.00	31 lbs	-28 lbs	34-41	0.37	-2487 lbs	-2487 lbs
29-31	0.70	-2925 lbs	-2925 lbs	11-32	0.06	0 lbs	0 lbs	12-13	0.17	-1178 lbs	-1178 lbs	21-43	0.37	-2487 lbs	-2487 lbs
23-31	0.43	778 lbs	-462 lbs	6-32	0.01	0 lbs	0 lbs	11-23	0.17	-1177 lbs	-1177 lbs	36-46	0.02	193 lbs	-127 lbs
23-33	0.19	-462 lbs	-462 lbs	1-12	0.06	32 lbs	-24 lbs	26-27	0.22	2644 lbs	-1465 lbs	36-45	0.02	192 lbs	-113 lbs
10-33	0.00	75 lbs	-6 lbs	2-12	0.06	32 lbs	-24 lbs	24-25	0.23	2579 lbs	-1528 lbs	19-47	0.05	546 lbs	-357 lbs
8-42	0.35	-1553 lbs	-1553 lbs	2-26	0.04	77 lbs	-75 lbs	30-31	0.22	2635 lbs	-1449 lbs	17-48	0.05	544 lbs	-342 lbs
34-42	0.35	-2151 lbs	-2151 lbs	24-26	0.84	2464 lbs	-1459 lbs	28-29	0.23	2578 lbs	-1504 lbs				
16-34	0.54	-3147 lbs	-3147 lbs	3-24	0.55	2464 lbs	-1459 lbs	32-33	0.00	35 lbs	-26 lbs				
16-17	0.36	-3724 lbs	-3724 lbs	3-41	0.35	1527 lbs	-908 lbs	15-34	0.03	370 lbs	-227 lbs				
17-45	0.38	-4033 lbs	-4033 lbs	15-41	0.51	2125 lbs	-1289 lbs	16-35	0.21	-1416 lbs	-1416 lbs				
18-45	0.37	-4143 lbs	-4143 lbs	15-35	0.59	3122 lbs	-1923 lbs	19-37	0.10	-645 lbs	-645 lbs				
18-46	0.37	-4143 lbs	-4143 lbs	35-40	0.72	3698 lbs	-2289 lbs	20-38	0.21	-1413 lbs	-1413 lbs				
19-46	0.38	-4033 lbs	-4033 lbs	40-48	0.77	4008 lbs	-2484 lbs	21-39	0.03	371 lbs	-234 lbs				
19-20	0.35	-3723 lbs	-3723 lbs	36-48	0.79	4117 lbs	-2548 lbs	18-36	0.03	-191 lbs	-191 lbs				
20-21	0.54	-3148 lbs	-3148 lbs	36-47	0.79	4117 lbs	-2548 lbs	17-40	0.10	-645 lbs	-645 lbs				
21-44	0.35	-2147 lbs	-2147 lbs	37-47	0.77	4007 lbs	-2476 lbs	41-42	0.16	1698 lbs	-1061 lbs				
9-44	0.35	-1550 lbs	-1550 lbs	37-38	0.72	3697 lbs	-2273 lbs	43-44	0.16	1698 lbs	-1057 lbs				
7-13	0.19	-463 lbs	-463 lbs	38-39	0.68	3122 lbs	-1900 lbs	46-47	0.05	-366 lbs	-366 lbs				
13-27	0.43	781 lbs	-463 lbs	39-43	0.51	2122 lbs	-1254 lbs	45-48	0.05	-365 lbs	-365 lbs				
25-27	0.70	-2928 lbs	-2928 lbs	4-43	0.35	1525 lbs	-869 lbs	25-26	0.86	-5458 lbs	-5458 lbs				
8-25	0.13	-1762 lbs	-1762 lbs	4-28	0.53	2461 lbs	-1408 lbs	29-30	0.85	-5449 lbs	-5449 lbs				
				28-30	0.84	2461 lbs	-1408 lbs	34-35	0.17	1759 lbs	-1118 lbs				
				5-30	0.04	-77 lbs	-77 lbs	20-37	0.10	1011 lbs	-656 lbs				
								21-38	0.17	1759 lbs	-1136 lbs				
								16-40	0.10	1014 lbs	-644 lbs				

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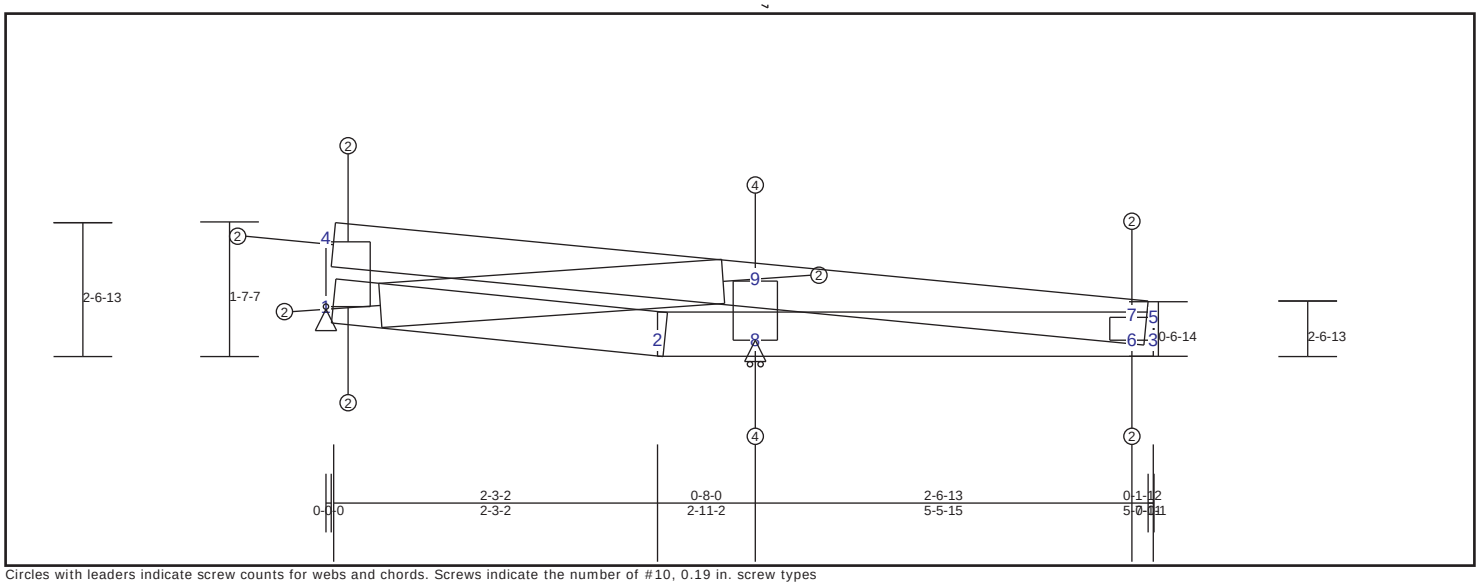
TRUSS TD32 (spacing 24 in)



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 1-4 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 :	0.56 (9 - 7)	TL(V): 0.12 in.	L / 575	5	L / 360
BC :	0.05 (1 - 2)	LL(V): 0.07 in.	L / 999	5	L / 360
Web :	0.20 (8 - 9)	DL(V): 0.05 in.	L / 999	5	L / 0
		Cant / OH TL: 0.07 in.	2L / 0	5	2L / 360
		Cant / OH LL: 0.07 in.	2L / 0	5	2L / 360
		Horiz TL: -0.02 in.		5	
		Web :			
		Snow/Wind -0.09 in.	L / 785	5	L / 360
		Cant (Snow/Wind) -0.09 in.	L / 0	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-140 lbs	-20 lbs	0 lbs	-20 lbs	-140 lbs
8	HRoll		0 lbs	610 lbs	0 lbs	-220 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
2-6-6	5-7-12

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-9	0.54	122 lbs	-102 lbs	2-8	0.03	0 lbs	0 lbs	6-7	0.00	21 lbs	0 lbs
7-9	0.56	122 lbs	-102 lbs	6-8	0.03	0 lbs	0 lbs	8-9	0.20	-553 lbs	-553 lbs
5-7	0.02	83 lbs	0 lbs	3-6	0.01	0 lbs	0 lbs	1-4	0.01	18 lbs	-15 lbs
				1-2	0.05	129 lbs	-41 lbs	1-9	0.02	146 lbs	-49 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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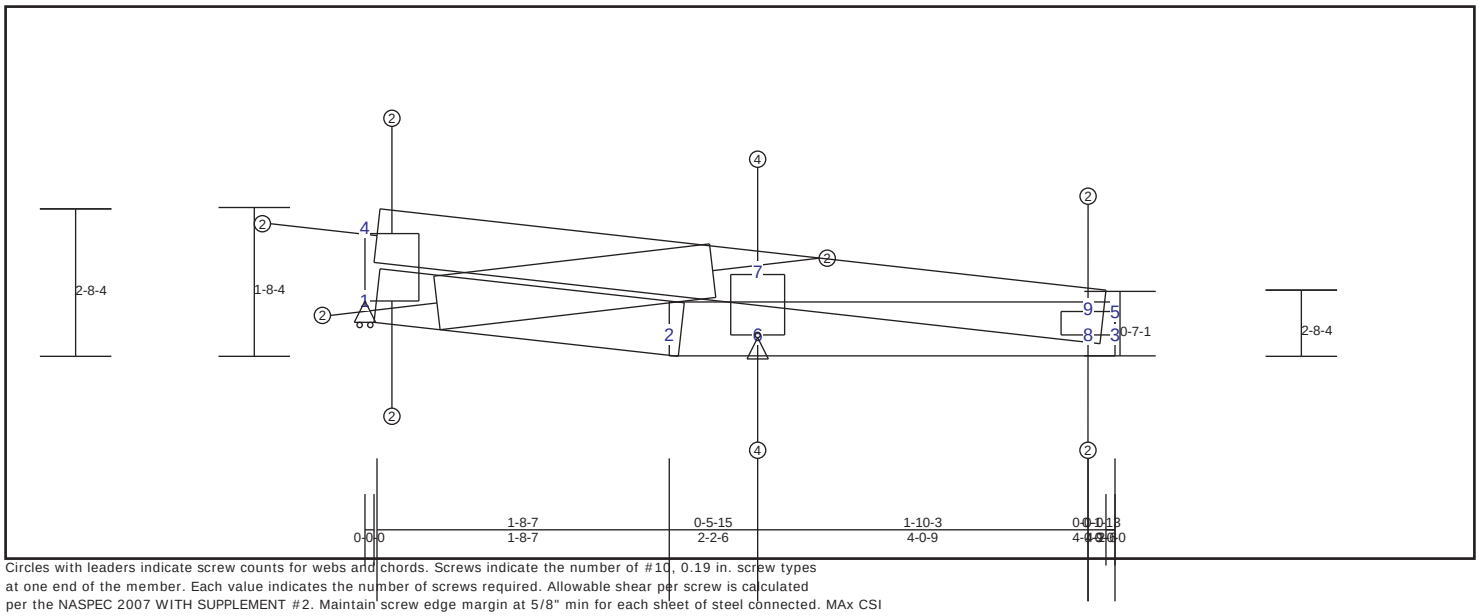
TRUSS TD33 (spacing 24 in)



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 1-4 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.Member 8-9 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 :	0.32 (7 - 9)	TL(V): 0.04 in.	L / 999	5	L / 360
BC :	0.09 (1 - 2)	LL(V): 0.02 in.	L / 999	5	L / 360
Web :	0.15 (6 - 7)	DL(V): 0.02 in.	L / 999	5	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	5	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	5	2L / 360
		Horiz TL: -0.01 in.		5	
		Web :			
		Snow/Wind -0.04 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	5	L / 360

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
6	Pin		-150 lbs	440 lbs	0 lbs	-90 lbs	-150 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
2-7-6	4-2-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-7	0.30	113 lbs	-100 lbs	2-6	0.09	-148 lbs	-148 lbs	1-4	0.01	-41 lbs	-41 lbs
7-9	0.32	113 lbs	-100 lbs	6-8	0.07	-148 lbs	-148 lbs	6-7	0.15	-411 lbs	-411 lbs
5-9	0.02	83 lbs	-5 lbs	3-8	0.01	0 lbs	0 lbs	8-9	0.00	17 lbs	-12 lbs
				1-2	0.09	-160 lbs	-160 lbs	1-7	0.02	167 lbs	-56 lbs

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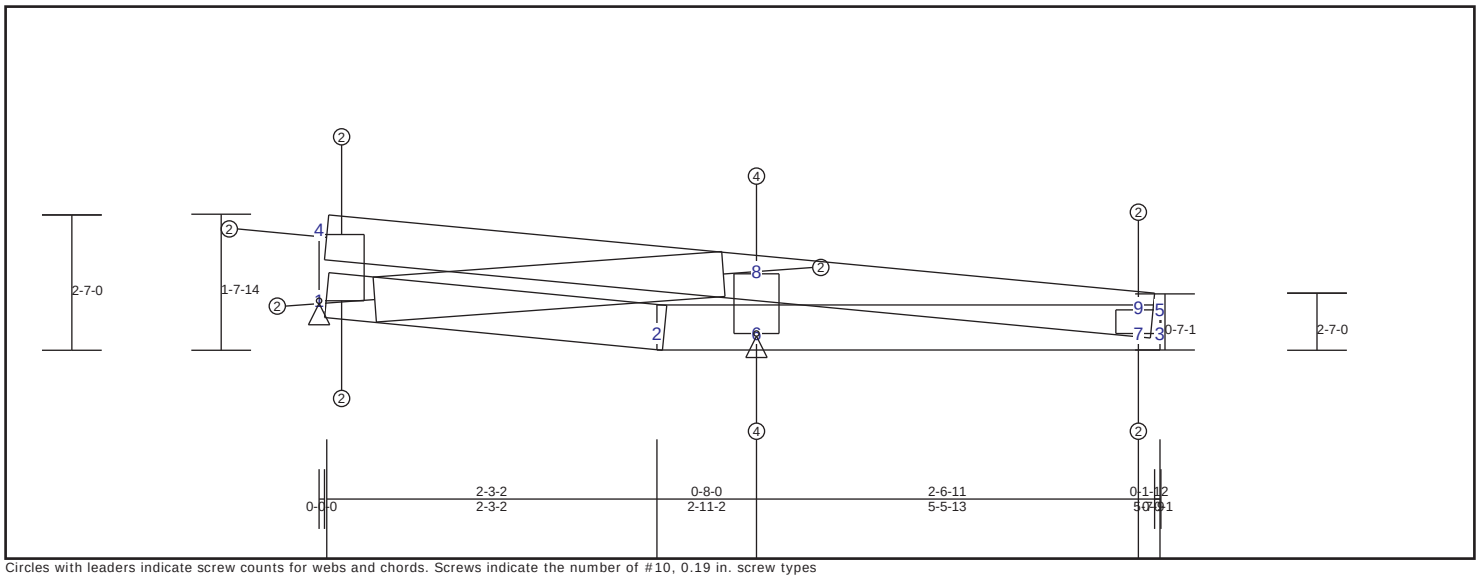
TRUSS TD34 (spacing 24 in)



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 1-4 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 :	0.35 (8 - 9)	TL(V): 0.06 in.	L / 670	(7-3)	L / 360
BC :	0.41 (2 - 6)	LL(V): 0.03 in.	L / 999	(7-3)	L / 360
Web :	0.15 (6 - 8)	DL(V): 0.03 in.	L / 999	5	L / 0
		Cant / OH TL: 0.03 in.	2L / 1	(7-3)	2L / 360
		Cant / OH LL: 0.03 in.	2L / 1	(7-3)	2L / 360
		Horiz TL: -0.01 in.		5	
		Web :			
		Snow/Wind -0.04 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		710 lbs	-180 lbs	-160 lbs	-180 lbs	710 lbs
6	Pin		-690 lbs	800 lbs	0 lbs	-320 lbs	-690 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
2-6-9	5-7-10

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-8	0.33	107 lbs	-82 lbs	2-6	0.41	-687 lbs	-687 lbs	6-8	0.15	-431 lbs	-431 lbs
8-9	0.35	107 lbs	-82 lbs	6-7	0.36	-687 lbs	-687 lbs	1-4	0.02	-47 lbs	-47 lbs
5-9	0.02	72 lbs	-11 lbs	3-7	0.03	0 lbs	0 lbs	7-9	0.02	49 lbs	-45 lbs
				1-2	0.37	-746 lbs	-746 lbs	1-8	0.02	146 lbs	-49 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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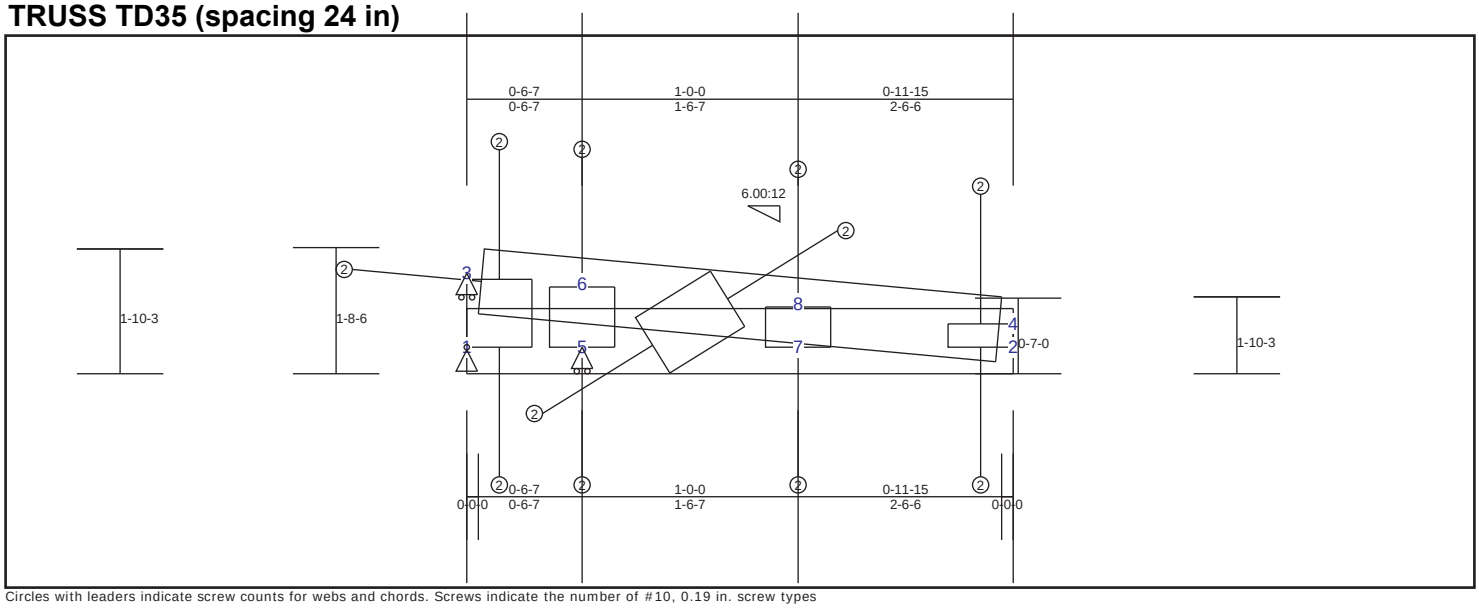
TRUSS TD35 (spacing 24 in)



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 (6 - 8)	TL(V): 0 in.	L / 999	(3-6)	L / 360
BC :	0.29 (1 - 5)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web :	0.11 (5 - 6)	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 / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-90 lbs	800 lbs	0 lbs	0 lbs	-90 lbs
3	HRoll		0 lbs	-180 lbs	-180 lbs	-180 lbs	0 lbs
5	HRoll		0 lbs	800 lbs	0 lbs	-140 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
1-9-6	2-6-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.14	-95 lbs	-95 lbs	1-5	0.29	86 lbs	-29 lbs	2-4	0.01	46 lbs	-18 lbs
6-8	0.16	-95 lbs	-95 lbs	5-7	0.29	86 lbs	-29 lbs	1-3	0.00	0 lbs	0 lbs
4-8	0.10	44 lbs	-34 lbs	2-7	0.09	0 lbs	0 lbs	5-6	0.11	-315 lbs	-315 lbs
								7-8	0.06	-158 lbs	-158 lbs
								5-8	0.04	299 lbs	-101 lbs

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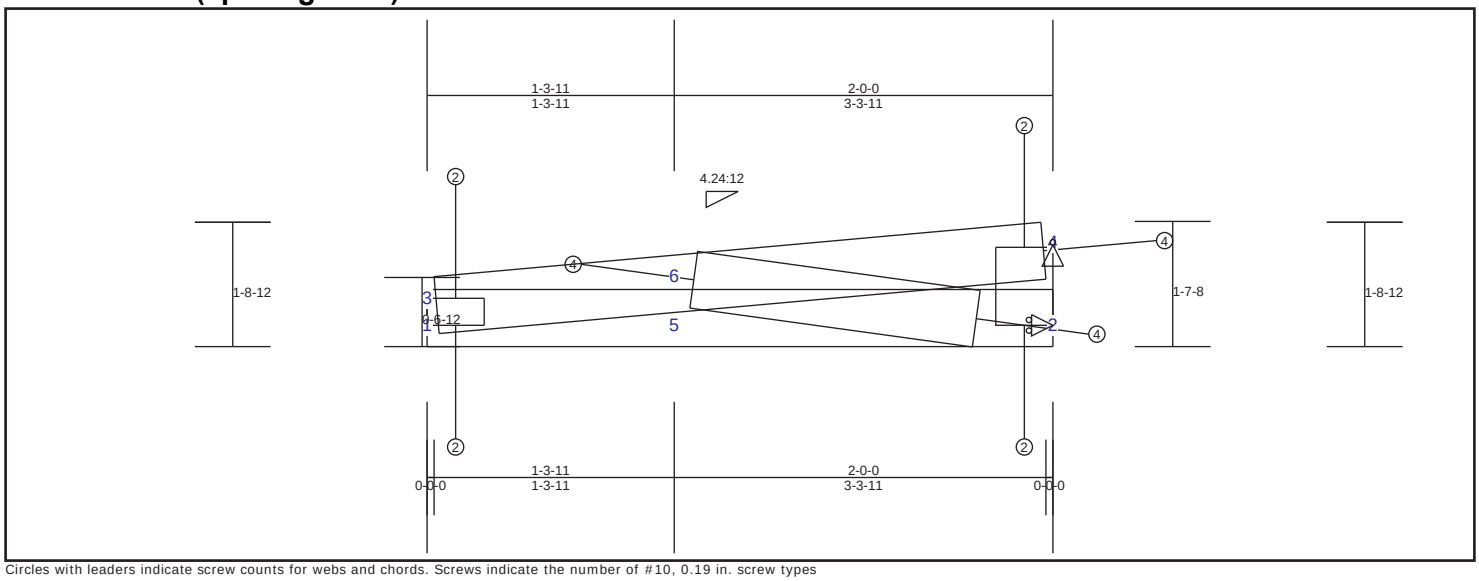
TRUSS TD36 (spacing 24 in)



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 (6 - 4)	TL(V): 0.02 in.	L / 999	3	L / 360
BC :	0.28 (1 - 2)	LL(V): 0.01 in.	L / 999	3	L / 360
Web :	0.17 (6 - 2)	DL(V): 0.01 in.	L / 999	3	L / 0
		Cant / OH TL: 0.01 in.	2L / 323	3	2L / 360
		Cant / OH LL: 0.01 in.	2L / 323	3	2L / 360
		Horiz TL: 0 in.		3	
		Web :			
		Snow/Wind -0.01 in.	L / 999	3	L / 360
		Cant (Snow/Wind) -0.01 in.	L / 270	3	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	VRoll		-410 lbs	0 lbs	0 lbs	0 lbs	-410 lbs
4	Pin		400 lbs	350 lbs	0 lbs	-140 lbs	400 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
1-8-6	3-3-11

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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	56 lbs	-5 lbs	1-2	0.28	-412 lbs	-412 lbs	2-4	0.05	228 lbs	-145 lbs
4-6	0.25	418 lbs	-229 lbs					1-3	0.01	46 lbs	-15 lbs
								2-6	0.17	-469 lbs	-469 lbs

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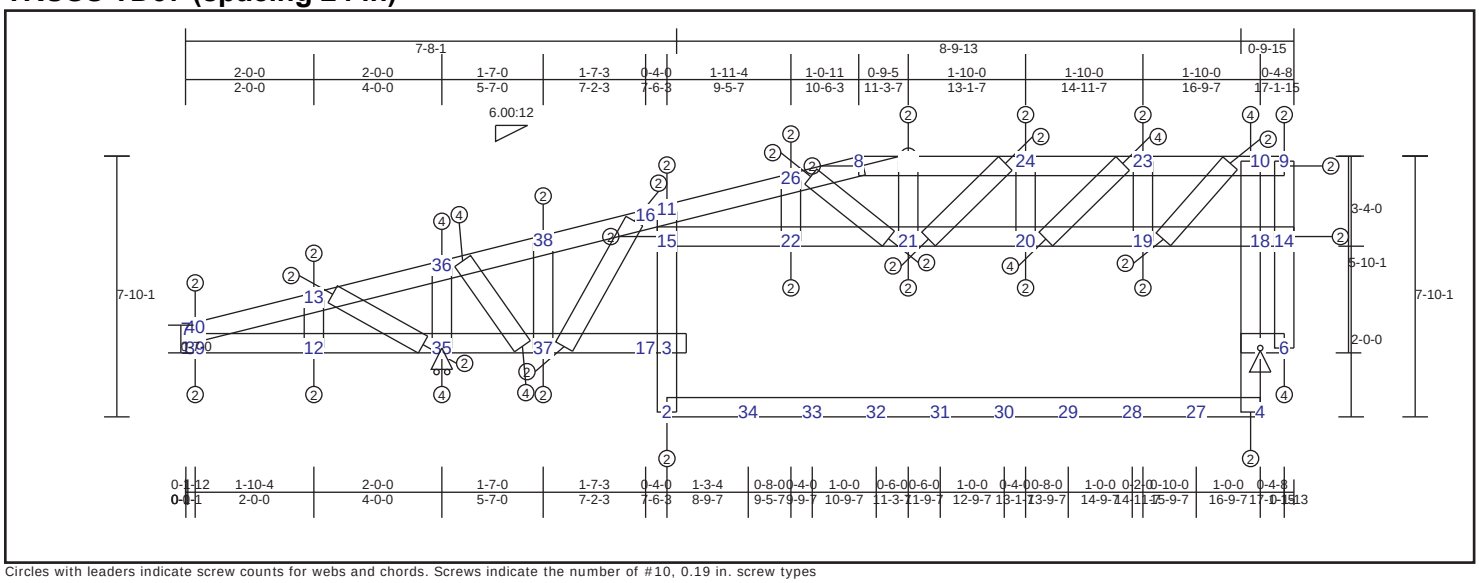
TRUSS TD37 (spacing 24 in)



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 (16 - 11)	TL(V): 0.55 in.	L / 258	(11-26)	L / 360
BC :	0.90 (2 - 4)	LL(V): 0.02 in.	L / 999	(11-26)	L / 360
Web :	0.34 (18 - 10)	DL(V): 0.53 in.	L / 208	(2-4)	L / 0
		Cant / OH TL: 0.02 in.	2L / 0	(37-3)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 0	(37-3)	2L / 360
		Horiz TL: -0.01 in.		2	
		Web :			
		Snow/Wind -0.03 in.	L / 999	(2-4)	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 0	(37-3)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
5	Pin		380 lbs	1260 lbs	0 lbs	0 lbs	380 lbs
35	HRoll		0 lbs	1530 lbs	0 lbs	-170 lbs	0 lbs

Materials

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

Material Exceptions

Section	Material	Bracing

Truss Dimensions

Max Height	Max Width
7-10-1	17-3-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Reactions are for full multi-ply truss.

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB2-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	1-3-4	1-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	2-3-4	2-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	3-3-4	3-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	4-3-4	4-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	5-3-4	5-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	6-3-4	6-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	7-3-4	7-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC2-4	8-3-4	8-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
WB4-10	0-0-0	0-0-0	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.

Member Forces Summary

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

Top Chord			
8-25	0.20	-448 lbs	-448 lbs
24-25	0.20	-448 lbs	-448 lbs
23-24	0.15	-340 lbs	-340 lbs
10-23	0.18	213 lbs	-182 lbs
9-10	0.13	117 lbs	-105 lbs
7-40	0.01	55 lbs	-22 lbs
13-40	0.07	131 lbs	-27 lbs
13-36	0.26	-322 lbs	-322 lbs
36-38	0.23	-367 lbs	-367 lbs
16-38	0.28	-750 lbs	-750 lbs
11-16	0.38	-860 lbs	-860 lbs
11-26	0.35	-860 lbs	-860 lbs
8-26	0.16	-719 lbs	-719 lbs

Bot Chord			
2-4	0.90	215 lbs	-24 lbs
5-6	0.31	78 lbs	-69 lbs
1-39	0.01	0 lbs	0 lbs
12-39	0.08	0 lbs	0 lbs
12-35	0.10	250 lbs	-229 lbs
35-37	0.25	292 lbs	-229 lbs
3-37	0.22	374 lbs	-39 lbs

Web			
12-13	0.02	152 lbs	-124 lbs
35-36	0.25	-1355 lbs	-1355 lbs
37-38	0.17	-577 lbs	-577 lbs
39-40	0.01	62 lbs	-62 lbs
6-14	0.14	917 lbs	-389 lbs
9-14	0.15	917 lbs	-389 lbs
2-3	0.20	561 lbs	0 lbs
3-15	0.26	660 lbs	-190 lbs
11-15	0.12	660 lbs	-190 lbs
15-22	0.08	642 lbs	-176 lbs
21-22	0.13	642 lbs	-176 lbs
20-21	0.14	236 lbs	-102 lbs
19-20	0.14	399 lbs	-387 lbs
18-19	0.24	491 lbs	-459 lbs
14-18	0.11	-1495 lbs	-1495 lbs
4-5	0.06	597 lbs	0 lbs

Web			
5-18	0.31	-1659 lbs	-1659 lbs
10-18	0.34	-1659 lbs	-1659 lbs
19-23	0.13	-753 lbs	-753 lbs
20-24	0.13	-776 lbs	-776 lbs
21-25	0.03	496 lbs	-183 lbs
22-26	0.01	193 lbs	-67 lbs
10-19	0.04	364 lbs	-228 lbs
20-23	0.13	894 lbs	-616 lbs
21-24	0.04	238 lbs	-201 lbs
21-26	0.13	-800 lbs	-800 lbs
13-35	0.05	374 lbs	-343 lbs
36-37	0.09	1214 lbs	-387 lbs
16-37	0.29	-651 lbs	-651 lbs

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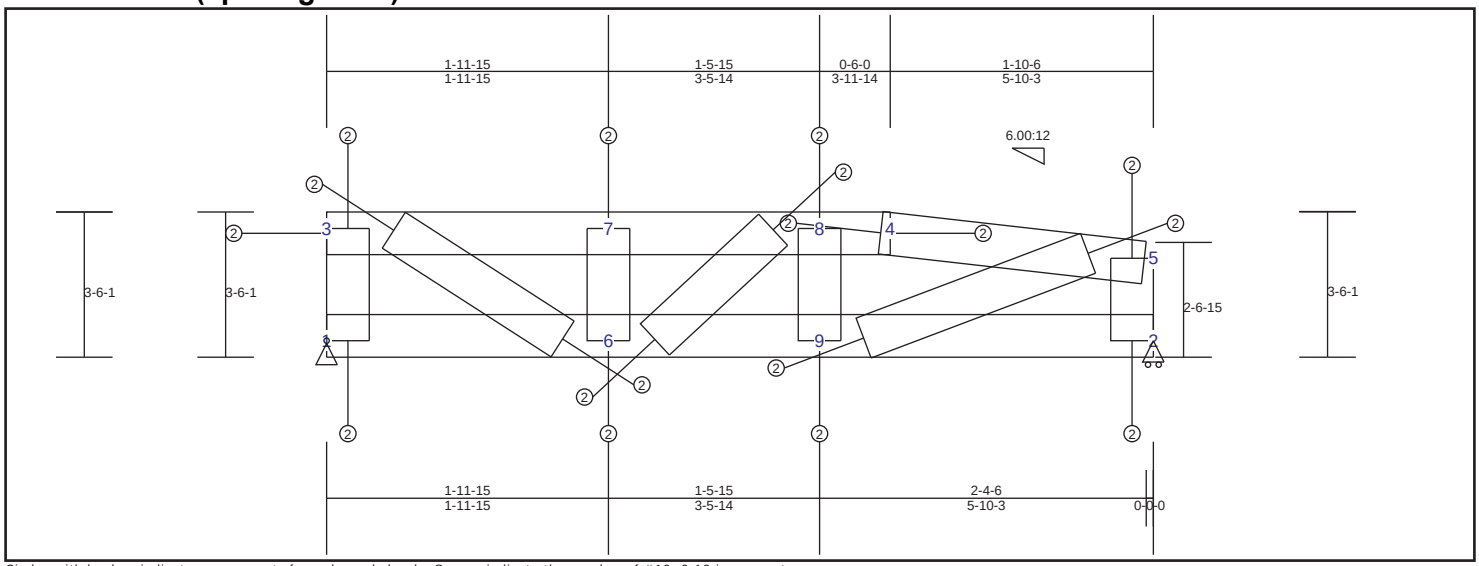
TRUSS TD38 (spacing 24 in)



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 :	0.09 (3 - 7)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.06 (1 - 6)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.11 (1 - 3)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-70 lbs	320 lbs	0 lbs	-150 lbs	-70 lbs
2	HRoll		0 lbs	320 lbs	0 lbs	-80 lbs	0 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
3-6-1	5-10-3

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.09	-113 lbs	-113 lbs	1-6	0.06	101 lbs	-28 lbs	1-3	0.11	-336 lbs	-336 lbs
7-8	0.03	-134 lbs	-134 lbs	6-9	0.06	122 lbs	-51 lbs	6-7	0.06	-193 lbs	-193 lbs
4-8	0.03	-134 lbs	-134 lbs	2-9	0.04	122 lbs	-51 lbs	8-9	0.04	-141 lbs	-141 lbs
4-5	0.07	-140 lbs	-140 lbs					2-5	0.06	-315 lbs	-315 lbs
								3-6	0.09	340 lbs	-249 lbs
								6-8	0.03	114 lbs	-89 lbs
								5-9	0.03	238 lbs	-98 lbs

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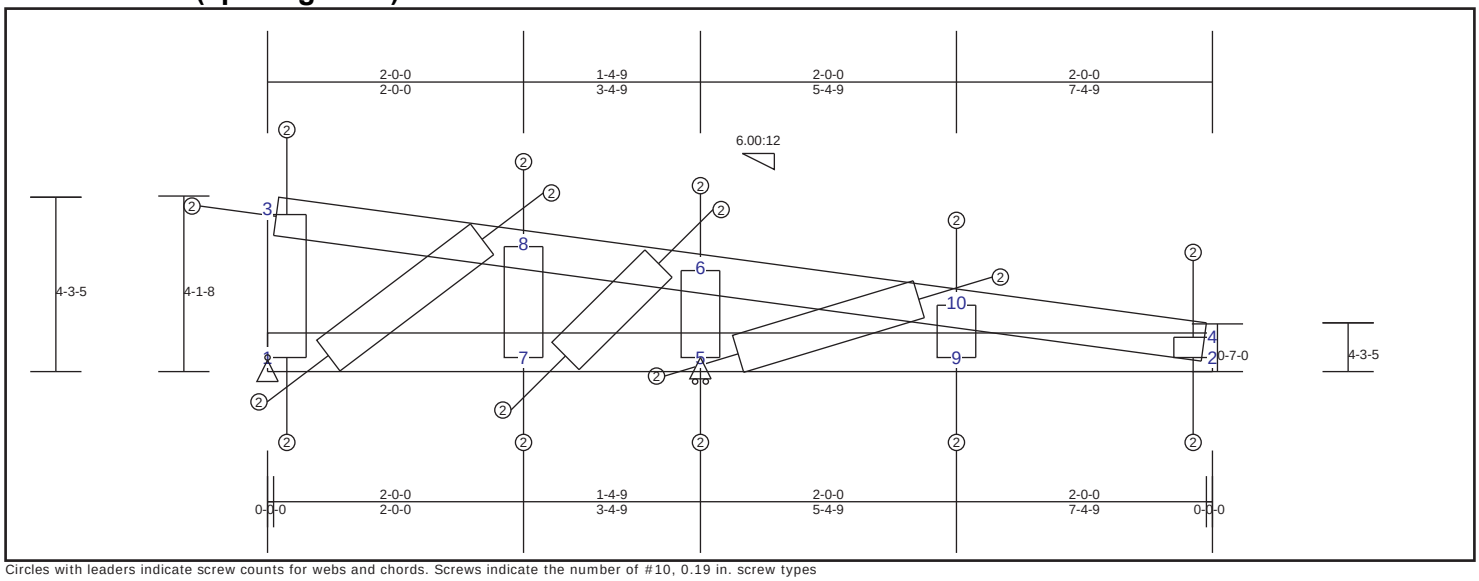
TRUSS TD39 (spacing 24 in)



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 :	0.13 (6 - 10)	TL(V): 0.04 in.	L / 999	(9-2)	L / 360
BC :	0.12 (1 - 7)	LL(V): 0.02 in.	L / 999	(9-2)	L / 360
Web :	0.18 (7 - 8)	DL(V): 0.02 in.	L / 999	(9-2)	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	(9-2)	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	(9-2)	2L / 360
		Horiz TL: 0.01 in.		3	
		Web :			
		Snow/Wind -0.02 in.	L / 999	4	L / 360
		Cant (Snow/Wind) -0.02 in.	L / 197	4	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-260 lbs	890 lbs	0 lbs	-130 lbs	-260 lbs
3	NA		-260 lbs	-150 lbs	-140 lbs	-150 lbs	-260 lbs
5	HRoll		0 lbs	890 lbs	0 lbs	-190 lbs	0 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
4-2-8	7-4-9

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.08	-80 lbs	-80 lbs	1-7	0.12	260 lbs	-163 lbs	5-6	0.10	-543 lbs	-543 lbs
6-8	0.10	236 lbs	-103 lbs	5-7	0.12	-302 lbs	-302 lbs	1-3	0.05	-123 lbs	-123 lbs
6-10	0.13	322 lbs	-142 lbs	5-9	0.09	-302 lbs	-302 lbs	2-4	0.01	-63 lbs	-63 lbs
4-10	0.08	140 lbs	-32 lbs	2-9	0.08	0 lbs	0 lbs	7-8	0.18	-656 lbs	-656 lbs
								9-10	0.02	173 lbs	-132 lbs
								6-7	0.03	531 lbs	-93 lbs
								1-8	0.02	368 lbs	-8 lbs
								5-10	0.07	-453 lbs	-453 lbs

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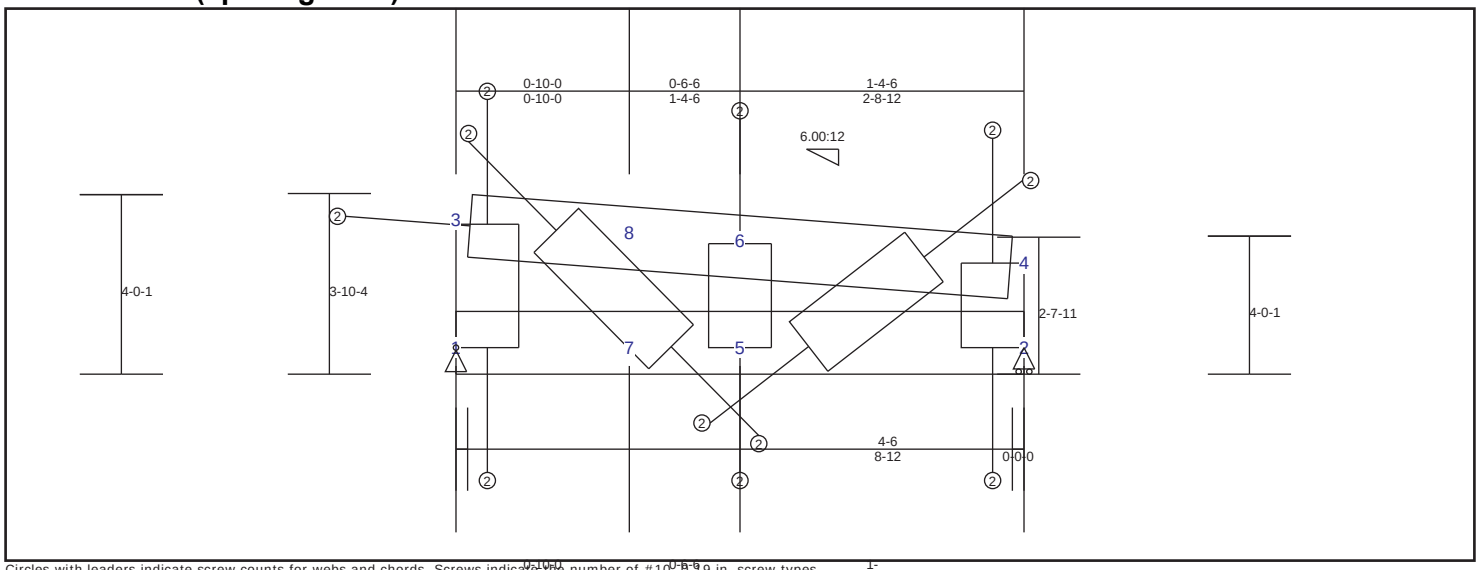
TRUSS TD40 (spacing 24 in)



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Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.09 (3 - 6)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.08 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.12 (1 - 3)	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.		6	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

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	0 lbs	-90 lbs
2	HRoll		0 lbs	260 lbs	0 lbs	0 lbs	0 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
3-11-4	2-8-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
TC3-4	0-8-4	0-8-4	Concentrated	Dead	Down	Global	50 lbs	50 lbs	0 in.
BC1-2	0-8-3	0-8-3	Concentrated	Dead	Down	Global	40 lbs	40 lbs	0 in.
TC3-4	0-8-4	0-8-4	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
TC3-4	0-8-4	0-8-4	Concentrated	Wind	Down	Global	290 lbs	290 lbs	0 in.
TC3-4	0-8-4	0-8-4	Concentrated	Wind	Down	Global	290 lbs	290 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.09	137 lbs	-123 lbs	1-5	0.08	93 lbs	-31 lbs	1-3	0.12	-306 lbs	-306 lbs
4-6	0.07	-123 lbs	-123 lbs	2-5	0.08	70 lbs	-18 lbs	5-6	0.09	-303 lbs	-303 lbs
								2-4	0.05	-242 lbs	-242 lbs
								3-5	0.08	-218 lbs	-218 lbs
								4-5	0.02	362 lbs	-92 lbs

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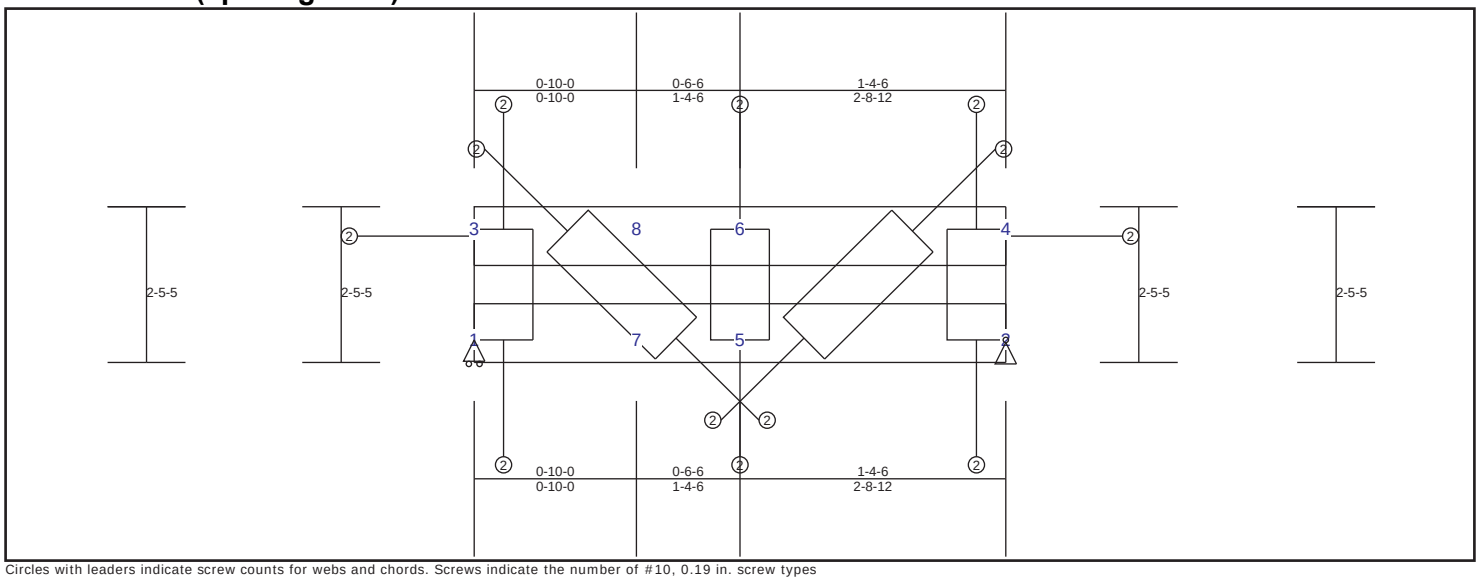
TRUSS TD41 (spacing 24 in)



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Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.10 (3 - 6)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.07 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.06 (5 - 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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		0 lbs	410 lbs	0 lbs	0 lbs	0 lbs
2	Pin		0 lbs	220 lbs	0 lbs	0 lbs	0 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
2-5-5	2-8-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
TC3-4	0-8-3	0-8-3	Concentrated	Dead	Down	Global	50 lbs	50 lbs	0 in.
BC1-2	0-8-3	0-8-3	Concentrated	Dead	Down	Global	40 lbs	40 lbs	0 in.
TC3-4	0-8-3	0-8-3	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
TC3-4	0-8-3	0-8-3	Concentrated	Wind	Down	Global	290 lbs	290 lbs	0 in.
TC3-4	0-8-3	0-8-3	Concentrated	Wind	Down	Global	290 lbs	290 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.10	-35 lbs	-35 lbs	1-5	0.07	35 lbs	0 lbs	1-3	0.05	-326 lbs	-326 lbs
4-6	0.06	-35 lbs	-35 lbs	2-5	0.07	35 lbs	0 lbs	5-6	0.06	-349 lbs	-349 lbs
								2-4	0.03	-167 lbs	-167 lbs
								3-5	0.01	152 lbs	0 lbs
								4-5	0.01	152 lbs	0 lbs

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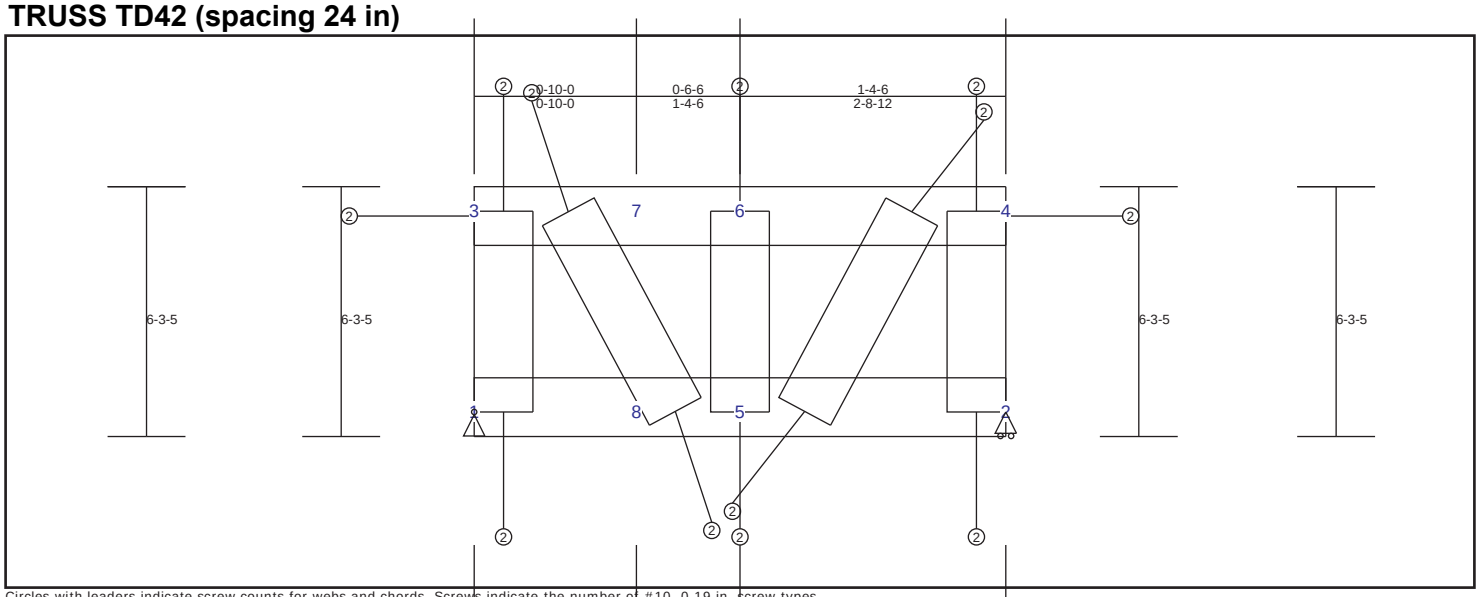
TRUSS TD42 (spacing 24 in)



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 3/8" 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 :	0.04 (3 - 6)	TL(V): 0 in.	L / 999	3	L / 360
BC :	0.04 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.14 (1 - 3)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	210 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	160 lbs	0 lbs	-20 lbs	0 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
6-3-5	2-8-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
TC3-4	0-8-3	0-8-3	Concentrated	Dead	Down	Global	16 lbs	16 lbs	0 in.
BC1-2	0-8-3	0-8-3	Concentrated	Dead	Down	Global	14 lbs	14 lbs	0 in.
TC3-4	0-8-3	0-8-3	Concentrated	Live	Down	Global	40 lbs	40 lbs	0 in.
TC3-4	0-8-3	0-8-3	Concentrated	Wind	Down	Global	94 lbs	94 lbs	0 in.
TC3-4	0-8-3	0-8-3	Concentrated	Wind	Down	Global	94 lbs	94 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.04	-3 lbs	-3 lbs	1-5	0.04	3 lbs	0 lbs	1-3	0.14	-143 lbs	-143 lbs
4-6	0.02	-3 lbs	-3 lbs	2-5	0.04	3 lbs	0 lbs	5-6	0.12	-123 lbs	-123 lbs
								2-4	0.11	-107 lbs	-107 lbs
								3-5	0.00	29 lbs	-2 lbs
								4-5	0.00	29 lbs	-2 lbs

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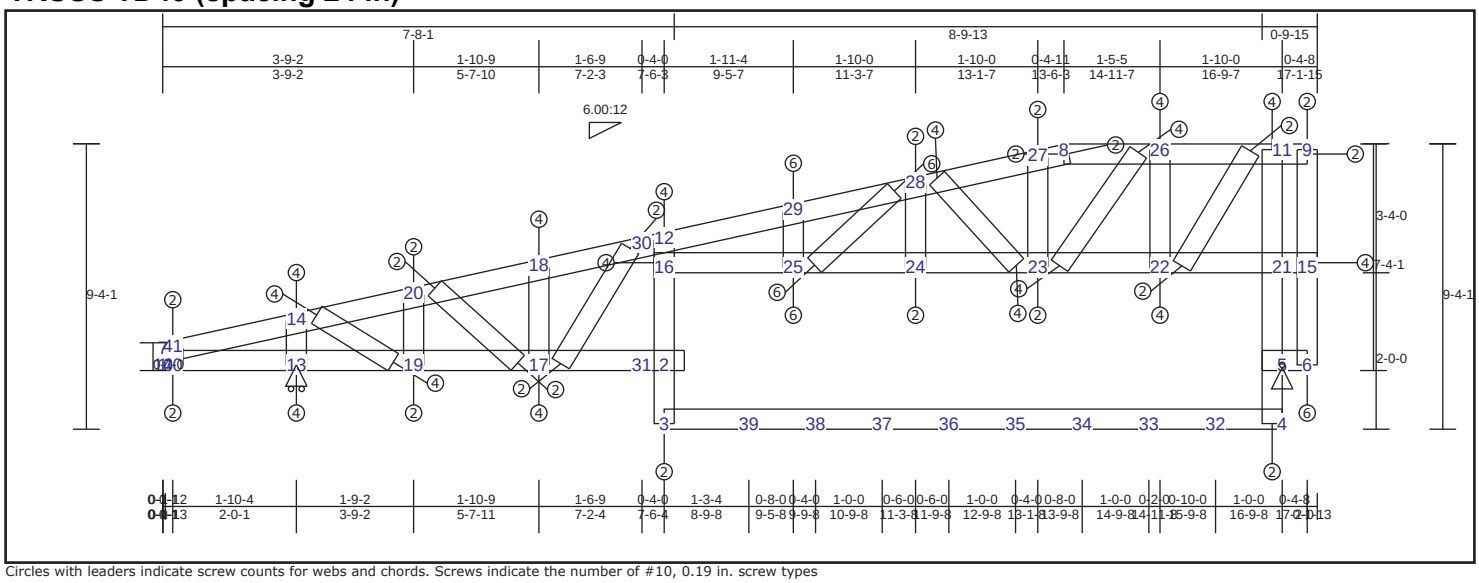
TRUSS TD43 (spacing 24 in)



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 :	0.71 (30 - 12)	TL(V): 0.66 in.	L / 275	(30-12)	L / 360
BC :	0.90 (3 - 4)	LL(V): 0.08 in.	L / 999	(30-12)	L / 360
Web :	0.60 (21 - 11)	DL(V): 0.58 in.	L / 190	(3-4)	L / 0
		Cant / OH TL: 0.08 in.	2L / 0	(3-4)	2L / 360
		Cant / OH LL: 0.08 in.	2L / 0	(3-4)	2L / 360
		Horiz TL: -0.03 in.		3	
		Web :			
		Snow/Wind -0.1 in.	L / 999	(3-4)	L / 360
		Cant (Snow/Wind) -0.1 in.	L / 0	(3-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
5	Pin		490 lbs	1480 lbs	0 lbs	-20 lbs	490 lbs
13	HRoll		0 lbs	1310 lbs	0 lbs	-100 lbs	0 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
9-4-1	17-3-13

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Reactions are for full multi-ply truss.

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
BC3-4	1-3-4	1-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC3-4	2-3-4	2-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC3-4	3-3-4	3-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC3-4	4-3-4	4-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC3-4	5-3-4	5-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC3-4	6-3-4	6-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC3-4	7-3-4	7-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
BC3-4	8-3-4	8-3-4	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
WB4-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.
WB3-12	0-0-0	0-0-0	Concentrated	Dead	Down	Global	70 lbs	70 lbs	0 in.

Member Forces Summary

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

Top Chord

8-26	0.24	193 lbs	-175 lbs
11-26	0.28	200 lbs	-146 lbs
9-11	0.21	115 lbs	-87 lbs
7-41	0.01	90 lbs	-4 lbs
14-41	0.24	-534 lbs	-534 lbs
14-20	0.23	-975 lbs	-975 lbs
18-20	0.17	-1411 lbs	-1411 lbs
18-30	0.66	-1411 lbs	-1411 lbs
12-30	0.71	-1328 lbs	-1328 lbs
12-29	0.60	-2038 lbs	-2038 lbs
28-29	0.40	-2038 lbs	-2038 lbs
27-28	0.21	-282 lbs	-282 lbs
8-27	0.04	-272 lbs	-272 lbs

Bot Chord

1-40	0.01	0 lbs	0 lbs
13-40	0.04	0 lbs	0 lbs
13-19	0.18	664 lbs	-141 lbs
17-19	0.26	858 lbs	-141 lbs
2-17	0.26	858 lbs	-138 lbs
3-4	0.90	356 lbs	-12 lbs
5-6	0.62	127 lbs	-97 lbs

Web

13-14	0.20	-1374 lbs	-1374 lbs
17-18	0.34	-1144 lbs	-1144 lbs
19-20	0.12	-741 lbs	-741 lbs
40-41	0.00	55 lbs	-10 lbs
6-15	0.21	1785 lbs	-805 lbs
9-15	0.23	1785 lbs	-805 lbs
2-3	0.32	561 lbs	0 lbs
2-16	0.42	581 lbs	-181 lbs
12-16	0.21	581 lbs	-204 lbs
16-25	0.34	1135 lbs	-381 lbs
24-25	0.46	1135 lbs	-381 lbs
23-24	0.21	343 lbs	-302 lbs
22-23	0.22	-599 lbs	-599 lbs
21-22	0.53	-614 lbs	-614 lbs
15-21	0.24	-242 lbs	-242 lbs

Web

4-5	0.07	597 lbs	- 0 lbs
5-21	0.54	-2748 lbs	-2748 lbs
11-21	0.60	-2748 lbs	-2748 lbs
22-26	0.43	-1041 lbs	-1041 lbs
23-27	0.04	123 lbs	-101 lbs
24-28	0.06	-276 lbs	-276 lbs
25-29	0.26	-1753 lbs	-1753 lbs
17-20	0.02	445 lbs	-3 lbs
14-19	0.06	1144 lbs	-243 lbs
11-22	0.06	-146 lbs	-146 lbs
23-26	0.37	1231 lbs	-833 lbs
25-28	0.27	2381 lbs	-1173 lbs
23-28	0.27	-956 lbs	-956 lbs
17-30	0.13	692 lbs	-285 lbs

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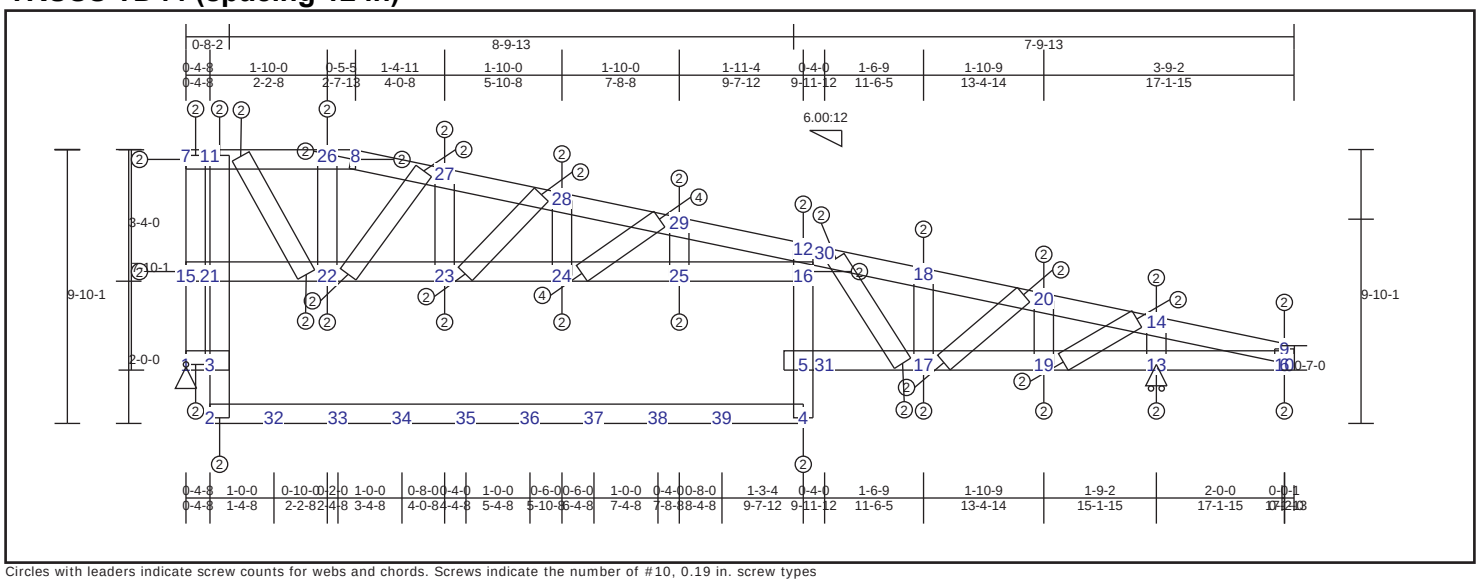
TRUSS TD44 (spacing 12 in)



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 (12 - 30)	TL(V): 0.33 in.	L / 589	(29-12)	L / 360
BC :	0.94 (2 - 4)	LL(V): 0.04 in.	L / 999	(29-12)	L / 360
Web :	0.31 (21 - 11)	DL(V): 0.29 in.	L / 382	(2-4)	L / 0
		Cant / OH TL: 0.04 in.	2L / 36	(12-30)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 36	(12-30)	2L / 360
		Horiz TL: 0.02 in.		4	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(29-12)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 30	(12-30)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-260 lbs	720 lbs	0 lbs	0 lbs	-260 lbs
13	HRoll		0 lbs	670 lbs	0 lbs	-40 lbs	0 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
9-10-1	17-3-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB2-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	0-10-3	0-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	1-10-3	1-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	2-10-3	2-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	3-10-3	3-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	4-10-3	4-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	5-10-3	5-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	6-10-3	6-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	7-10-3	7-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
WB4-12	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-11	0.08	47 lbs	-37 lbs	2-4	0.94	197 lbs	-6 lbs	13-14	0.10	-706 lbs	-706 lbs
11-26	0.10	76 lbs	-60 lbs	5-17	0.12	451 lbs	-69 lbs	17-18	0.17	-560 lbs	-560 lbs
8-26	0.01	65 lbs	-51 lbs	17-19	0.12	451 lbs	-71 lbs	19-20	0.07	-399 lbs	-399 lbs
8-27	0.09	114 lbs	-107 lbs	13-19	0.09	347 lbs	-71 lbs	6-9	0.00	23 lbs	-5 lbs
27-28	0.10	-156 lbs	-156 lbs	6-13	0.02	0 lbs	0 lbs	1-15	0.13	751 lbs	-333 lbs
28-29	0.26	-582 lbs	-582 lbs	1-3	0.41	252 lbs	-73 lbs	7-15	0.15	751 lbs	-333 lbs
12-29	0.31	-731 lbs	-731 lbs					4-5	0.04	281 lbs	0 lbs
12-30	0.35	-731 lbs	-731 lbs					5-16	0.12	281 lbs	-88 lbs
18-30	0.32	-725 lbs	-725 lbs					12-16	0.17	274 lbs	-88 lbs
18-20	0.09	-725 lbs	-725 lbs					15-21	0.08	-107 lbs	-107 lbs
14-20	0.12	-513 lbs	-513 lbs					21-22	0.25	-305 lbs	-305 lbs
9-14	0.12	-275 lbs	-275 lbs					22-23	0.12	296 lbs	-287 lbs
								23-24	0.15	188 lbs	-163 lbs
								24-25	0.15	569 lbs	-190 lbs
								16-25	0.11	569 lbs	-190 lbs

Web			
2-3	0.18	299 lbs	- 0 lbs
3-21	0.27	-1209 lbs	-1209 lbs
11-21	0.31	-1209 lbs	-1209 lbs
22-26	0.01	41 lbs	-14 lbs
23-27	0.13	522 lbs	-346 lbs
24-28	0.09	801 lbs	-414 lbs
25-29	0.02	250 lbs	-120 lbs
17-20	0.01	241 lbs	-1 lbs
14-19	0.03	597 lbs	-123 lbs
11-22	0.03	81 lbs	-67 lbs
24-29	0.16	-969 lbs	-969 lbs
22-27	0.23	-531 lbs	-531 lbs
23-28	0.15	-552 lbs	-552 lbs
17-30	0.06	348 lbs	-141 lbs

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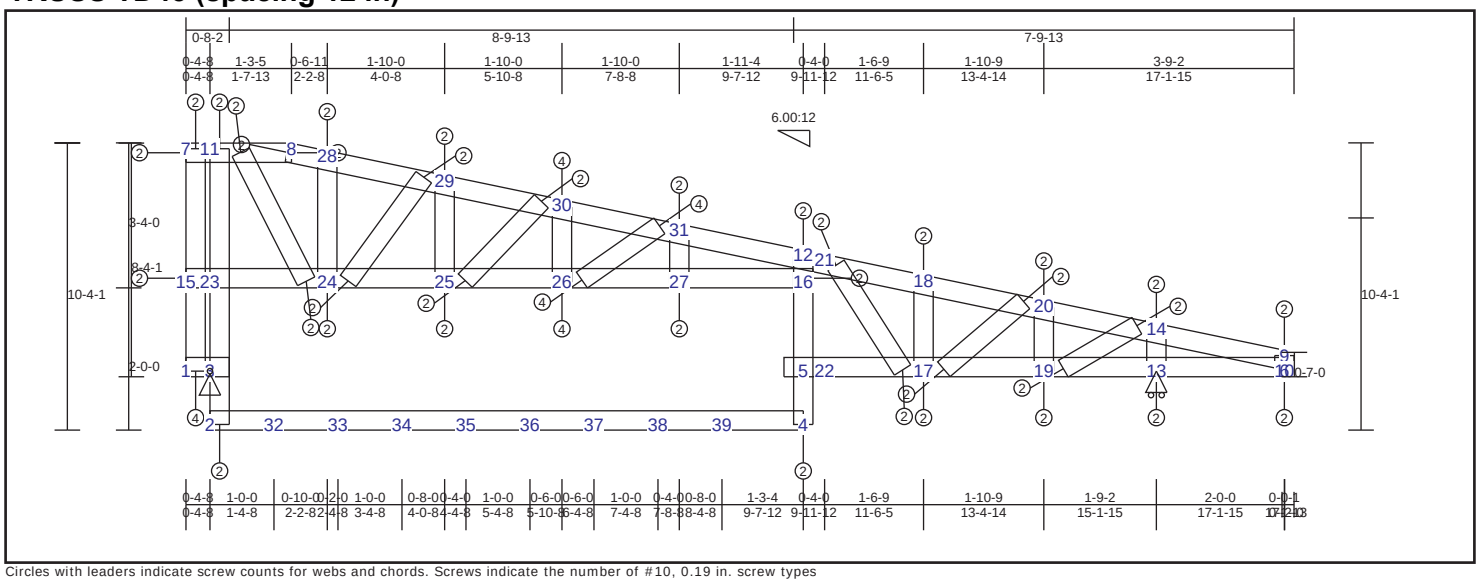
TRUSS TD45 (spacing 12 in)



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 (12 - 21)	TL(V): 0.34 in.	L / 369	(5-17)	L / 360
BC :	0.94 (2 - 4)	LL(V): 0.04 in.	L / 999	(5-17)	L / 360
Web :	0.33 (23 - 11)	DL(V): 0.29 in.	L / 376	(2-4)	L / 0
		Cant / OH TL: 0.04 in.	2L / 0	(2-4)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 0	(2-4)	2L / 360
		Horiz TL: 0.02 in.		4	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(2-4)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 0	(2-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Pin		-280 lbs	740 lbs	0 lbs	-10 lbs	-280 lbs
13	HRoll		0 lbs	650 lbs	0 lbs	-30 lbs	0 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
10-4-1	17-3-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
BC2-4	0-10-3	0-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	1-10-3	1-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	2-10-3	2-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	3-10-3	3-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	4-10-3	4-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	5-10-3	5-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	6-10-3	6-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	7-10-3	7-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
WB4-12	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
WB2-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.

Member Forces Summary

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

Top Chord			
7-11	0.09	45 lbs	-35 lbs
8-11	0.11	87 lbs	-63 lbs
8-28	0.03	135 lbs	-96 lbs
28-29	0.10	142 lbs	-138 lbs
29-30	0.10	142 lbs	-138 lbs
30-31	0.27	-579 lbs	-579 lbs
12-31	0.32	-731 lbs	-731 lbs
12-21	0.37	-731 lbs	-731 lbs
18-21	0.33	-703 lbs	-703 lbs
18-20	0.09	-703 lbs	-703 lbs
14-20	0.11	-483 lbs	-483 lbs
9-14	0.12	-265 lbs	-265 lbs

Bot Chord			
2-4	0.94	182 lbs	-13 lbs
5-17	0.13	424 lbs	-47 lbs
17-19	0.13	424 lbs	-57 lbs
13-19	0.09	330 lbs	-57 lbs
6-13	0.02	0 lbs	0 lbs
1-3	0.31	64 lbs	-49 lbs

Web			
13-14	0.10	-683 lbs	-683 lbs
17-18	0.17	-577 lbs	-577 lbs
19-20	0.06	-363 lbs	-363 lbs
6-9	0.00	24 lbs	-5 lbs
1-15	0.16	1107 lbs	-490 lbs
7-15	0.17	1107 lbs	-490 lbs
4-5	0.04	281 lbs	0 lbs
5-16	0.14	301 lbs	-111 lbs
12-16	0.18	301 lbs	-111 lbs
15-23	0.14	-108 lbs	-108 lbs
23-24	0.29	305 lbs	-287 lbs
24-25	0.12	305 lbs	-287 lbs
25-26	0.15	192 lbs	-157 lbs
26-27	0.15	607 lbs	-202 lbs
16-27	0.12	607 lbs	-202 lbs

Web			
2-3	0.17	299 lbs	- 0 lbs
3-23	0.31	-1586 lbs	-1586 lbs
11-23	0.33	-1586 lbs	-1586 lbs
24-28	0.03	110 lbs	-52 lbs
25-29	0.13	540 lbs	-359 lbs
26-30	0.10	839 lbs	-434 lbs
27-31	0.02	257 lbs	-124 lbs
17-20	0.01	230 lbs	-8 lbs
14-19	0.03	568 lbs	-98 lbs
17-21	0.06	333 lbs	-131 lbs
11-24	0.08	-126 lbs	-126 lbs
26-31	0.17	-1011 lbs	-1011 lbs
25-30	0.16	-575 lbs	-575 lbs
24-29	0.24	-560 lbs	-560 lbs

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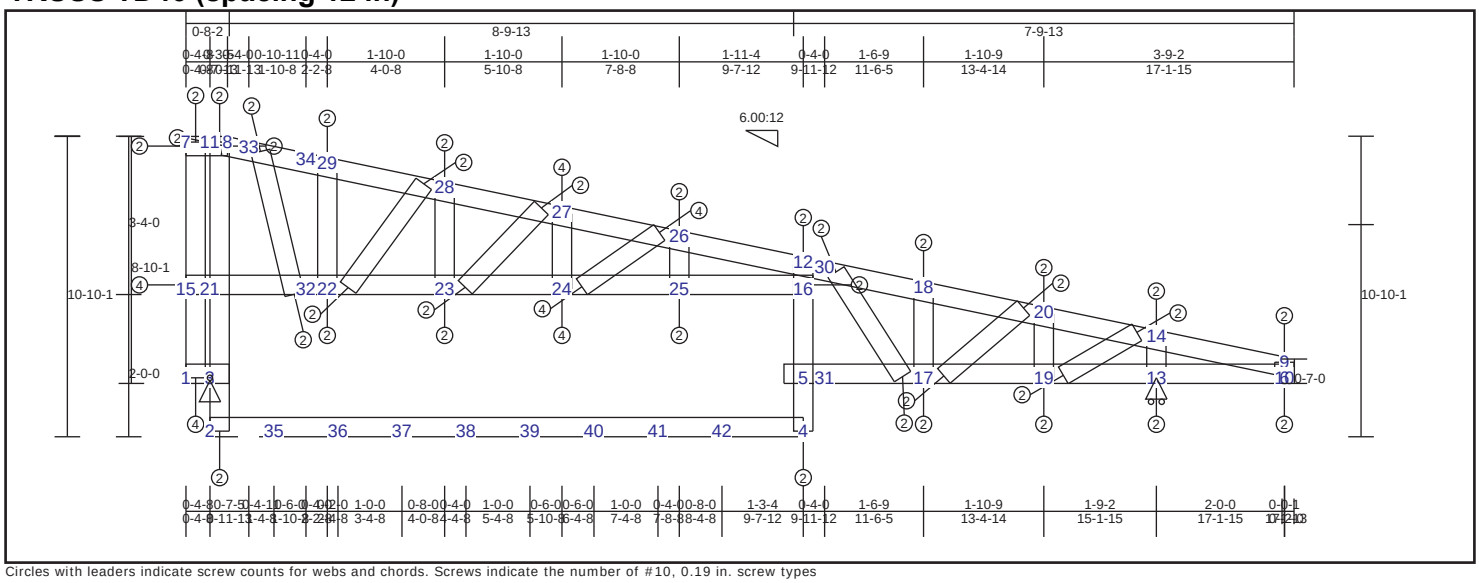
TRUSS TD46 (spacing 12 in)



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 (12 - 30)	TL(V): 0.34 in.	L / 367	(5-17)	L / 360
BC :	0.94 (2 - 4)	LL(V): 0.05 in.	L / 999	(5-17)	L / 360
Web :	0.35 (21 - 32)	DL(V): 0.29 in.	L / 375	(2-4)	L / 0
		Cant / OH TL: 0.05 in.	2L / 0	(2-4)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 0	(2-4)	2L / 360
		Horiz TL: 0.02 in.		4	
		Web :			
		Snow/Wind -0.06 in.	L / 999	(2-4)	L / 360
		Cant (Snow/Wind) -0.06 in.	L / 0	(2-4)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Pin		-300 lbs	740 lbs	0 lbs	-30 lbs	-300 lbs
13	HRoll		0 lbs	650 lbs	0 lbs	-20 lbs	0 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
10-10-1	17-3-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB2-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	0-10-3	0-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	1-10-3	1-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	2-10-3	2-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	3-10-3	3-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	4-10-3	4-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	5-10-3	5-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	6-10-3	6-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-4	7-10-3	7-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
WB4-12	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.

Member Forces Summary

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

Top Chord			
8-33	0.02	65 lbs	-49 lbs
29-33	0.03	136 lbs	-116 lbs
28-29	0.10	-161 lbs	-161 lbs
27-28	0.10	-161 lbs	-161 lbs
26-27	0.27	-589 lbs	-589 lbs
12-26	0.33	-742 lbs	-742 lbs
12-30	0.37	-742 lbs	-742 lbs
18-30	0.34	-702 lbs	-702 lbs
18-20	0.09	-702 lbs	-702 lbs
14-20	0.11	-479 lbs	-479 lbs
9-14	0.12	-265 lbs	-265 lbs
7-11	0.00	41 lbs	-32 lbs
8-11	0.01	68 lbs	-53 lbs

Bot Chord			
2-4	0.94	184 lbs	-16 lbs
5-17	0.13	421 lbs	-35 lbs
17-19	0.13	421 lbs	-49 lbs
13-19	0.09	328 lbs	-49 lbs
6-13	0.02	0 lbs	0 lbs
1-3	0.30	63 lbs	-50 lbs

Web			
13-14	0.10	-681 lbs	-681 lbs
17-18	0.17	-584 lbs	-584 lbs
19-20	0.06	-358 lbs	-358 lbs
6-9	0.00	24 lbs	-5 lbs
1-15	0.16	1063 lbs	-455 lbs
7-15	0.17	1063 lbs	-455 lbs
4-5	0.04	281 lbs	0 lbs
5-16	0.14	313 lbs	-124 lbs
12-16	0.19	313 lbs	-124 lbs
15-21	0.21	-104 lbs	-104 lbs
21-32	0.35	314 lbs	-285 lbs
22-32	0.08	314 lbs	-285 lbs
22-23	0.13	314 lbs	-285 lbs
23-24	0.16	196 lbs	-149 lbs
24-25	0.16	625 lbs	-207 lbs
16-25	0.12	625 lbs	-207 lbs

Web			
2-3	0.17	299 lbs	- 0 lbs
3-21	0.30	-1545 lbs	-1545 lbs
11-21	0.33	-1545 lbs	-1545 lbs
25-26	0.02	259 lbs	-127 lbs
24-27	0.10	849 lbs	-443 lbs
23-28	0.14	564 lbs	-376 lbs
22-29	0.03	88 lbs	-51 lbs
17-20	0.01	234 lbs	-11 lbs
24-26	0.17	-1024 lbs	-1024 lbs
23-27	0.16	-584 lbs	-584 lbs
22-28	0.25	-583 lbs	-583 lbs
14-19	0.03	565 lbs	-84 lbs
17-30	0.05	329 lbs	-126 lbs
32-33	0.12	-175 lbs	-175 lbs

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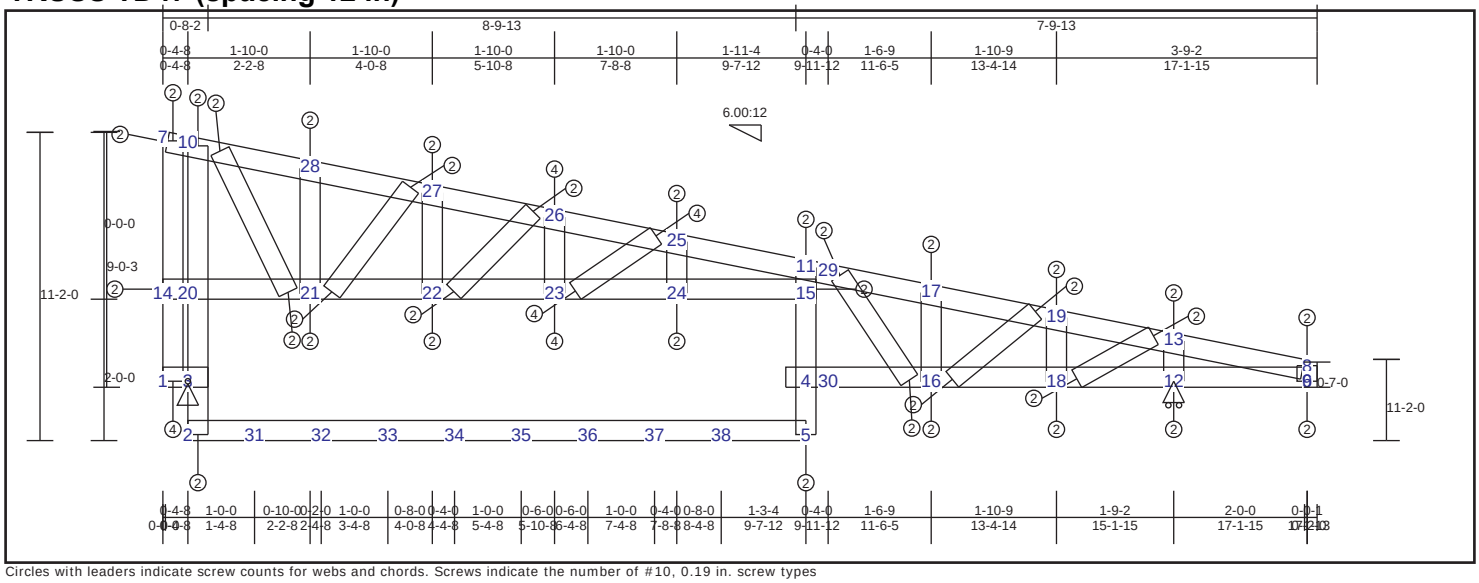
TRUSS TD47 (spacing 12 in)



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 (11 - 29)	TL(V): 0.33 in.	L / 427	(2-5)	L / 360
BC :	0.94 (2 - 5)	LL(V): 0.04 in.	L / 999	(2-5)	L / 360
Web :	0.33 (20 - 10)	DL(V): 0.29 in.	L / 377	(2-5)	L / 0
		Cant / OH TL: 0.04 in.	2L / 0	(2-5)	2L / 360
		Cant / OH LL: 0.04 in.	2L / 0	(2-5)	2L / 360
		Horiz TL: 0.02 in.		5	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(2-5)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 0	(2-5)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	Pin		-310 lbs	740 lbs	0 lbs	-40 lbs	-310 lbs
12	HRoll		0 lbs	650 lbs	0 lbs	-20 lbs	0 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
11-1-3	17-3-12

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB2-10	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	0-10-3	0-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	1-10-3	1-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	2-10-3	2-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	3-10-3	3-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	4-10-3	4-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	5-10-3	5-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	6-10-3	6-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
BC2-5	7-10-3	7-10-3	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.
WB5-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	35 lbs	35 lbs	0 in.

Member Forces Summary

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

Top Chord			
7-10	0.07	-132 lbs	-132 lbs
10-28	0.10	144 lbs	-132 lbs
27-28	0.10	-167 lbs	-167 lbs
26-27	0.10	-167 lbs	-167 lbs
25-26	0.27	-575 lbs	-575 lbs
11-25	0.32	-728 lbs	-728 lbs
11-29	0.37	-728 lbs	-728 lbs
17-29	0.33	-698 lbs	-698 lbs
17-19	0.09	-698 lbs	-698 lbs
13-19	0.11	-479 lbs	-479 lbs
8-13	0.12	-264 lbs	-264 lbs

Bot Chord			
2-5	0.94	185 lbs	-17 lbs
4-16	0.13	421 lbs	-29 lbs
16-18	0.13	421 lbs	-45 lbs
12-18	0.09	328 lbs	-45 lbs
6-12	0.02	0 lbs	0 lbs
1-3	0.31	59 lbs	-48 lbs

Web			
12-13	0.10	-680 lbs	-680 lbs
16-17	0.17	-574 lbs	-574 lbs
18-19	0.06	-360 lbs	-360 lbs
6-8	0.00	24 lbs	-5 lbs
1-14	0.15	1088 lbs	-472 lbs
7-14	0.16	1088 lbs	-472 lbs
4-5	0.04	281 lbs	0 lbs
4-15	0.14	311 lbs	-124 lbs
11-15	0.18	311 lbs	-124 lbs
14-20	0.14	-95 lbs	-95 lbs
20-21	0.30	313 lbs	-277 lbs
21-22	0.12	313 lbs	-277 lbs
22-23	0.15	203 lbs	-154 lbs
23-24	0.15	610 lbs	-193 lbs
15-24	0.12	610 lbs	-193 lbs

Web			
2-3	0.17	299 lbs	- 0 lbs
3-20	0.30	-1571 lbs	-1571 lbs
10-20	0.33	-1571 lbs	-1571 lbs
24-25	0.02	261 lbs	-128 lbs
23-26	0.10	846 lbs	-442 lbs
22-27	0.13	545 lbs	-364 lbs
21-28	0.03	96 lbs	-50 lbs
16-19	0.01	237 lbs	-12 lbs
13-18	0.03	564 lbs	-77 lbs
23-25	0.17	-1016 lbs	-1016 lbs
22-26	0.16	-583 lbs	-583 lbs
21-27	0.24	-547 lbs	-547 lbs
10-21	0.10	-133 lbs	-133 lbs
16-29	0.05	320 lbs	-123 lbs

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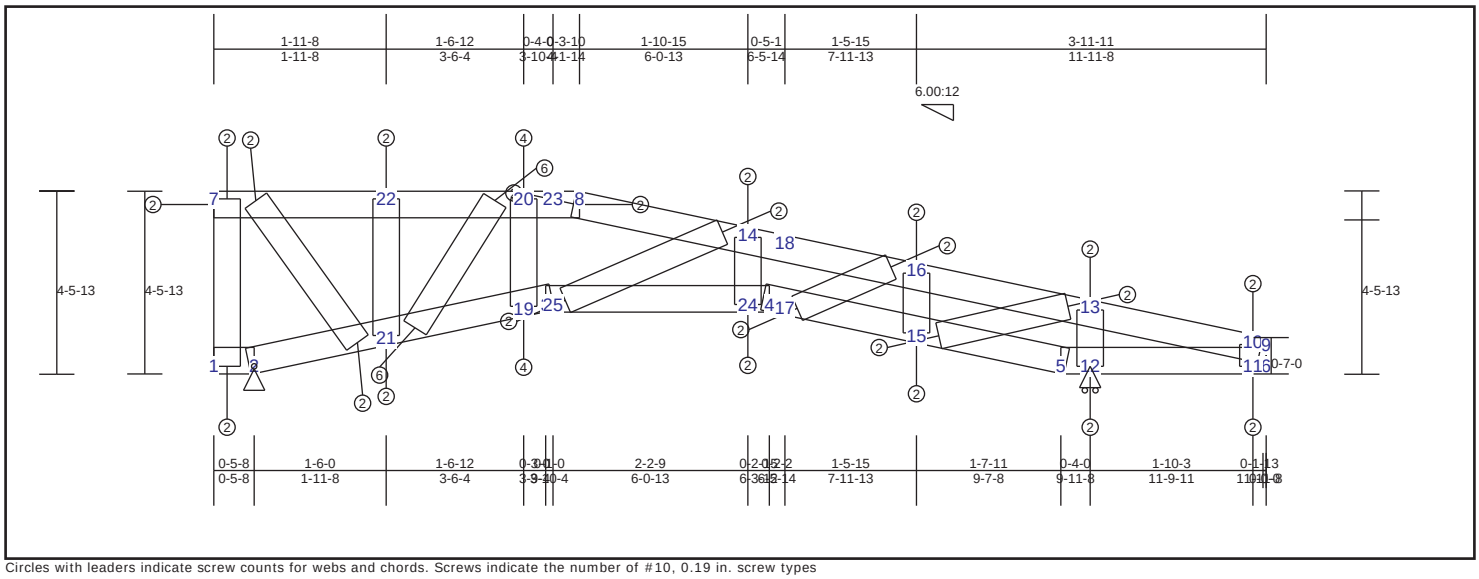
TRUSS TD48 (spacing 24 in)



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 (22 - 20)	TL(V): 0.09 in.	L / 524	(20-8)	L / 360
BC :	0.57 (21 - 19)	LL(V): 0.05 in.	L / 932	(20-8)	L / 360
Web :	0.60 (21 - 20)	DL(V): 0.04 in.	L / 999	(8-14)	L / 0
		Cant / OH TL: 0.05 in.	2L / 999	(20-8)	2L / 360
		Cant / OH LL: 0.05 in.	2L / 999	(20-8)	2L / 360
		Horiz TL: 0.04 in.		5	
		Web :			
		Snow/Wind -0.04 in.	L / 999	(21-19)	L / 360
		Cant (Snow/Wind) -0.04 in.	L / 999	(21-19)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin		-280 lbs	560 lbs	0 lbs	-240 lbs	-280 lbs
12	HRoll		0 lbs	790 lbs	0 lbs	-230 lbs	0 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
4-5-13	11-11-8

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-22	0.07	48 lbs	-31 lbs	1-2	0.00	0 lbs	0 lbs	10-11	0.00	19 lbs	0 lbs
20-22	0.31	-390 lbs	-390 lbs	2-21	0.43	418 lbs	-294 lbs	12-13	0.11	-770 lbs	-770 lbs
8-20	0.24	-390 lbs	-390 lbs	19-21	0.57	772 lbs	-371 lbs	1-7	0.00	3 lbs	0 lbs
8-14	0.12	-666 lbs	-666 lbs	3-19	0.16	772 lbs	-73 lbs	15-16	0.08	-543 lbs	-543 lbs
14-16	0.11	-805 lbs	-805 lbs	5-12	0.00	0 lbs	0 lbs	19-20	0.11	1364 lbs	-484 lbs
13-16	0.14	-701 lbs	-701 lbs	11-12	0.00	0 lbs	0 lbs	21-22	0.03	264 lbs	-84 lbs
10-13	0.16	-260 lbs	-260 lbs	6-11	0.00	0 lbs	0 lbs	14-24	0.01	177 lbs	-76 lbs
9-10	0.01	85 lbs	0 lbs	4-17	0.05	662 lbs	-90 lbs	13-15	0.02	476 lbs	-69 lbs
				15-17	0.09	662 lbs	-90 lbs	7-21	0.07	-166 lbs	-166 lbs
				5-15	0.08	288 lbs	-35 lbs	20-21	0.60	-1706 lbs	-1706 lbs
				3-25	0.06	433 lbs	-39 lbs	16-17	0.02	393 lbs	-55 lbs
				24-25	0.09	692 lbs	-91 lbs	14-25	0.10	-500 lbs	-500 lbs
				4-24	0.03	692 lbs	-91 lbs				

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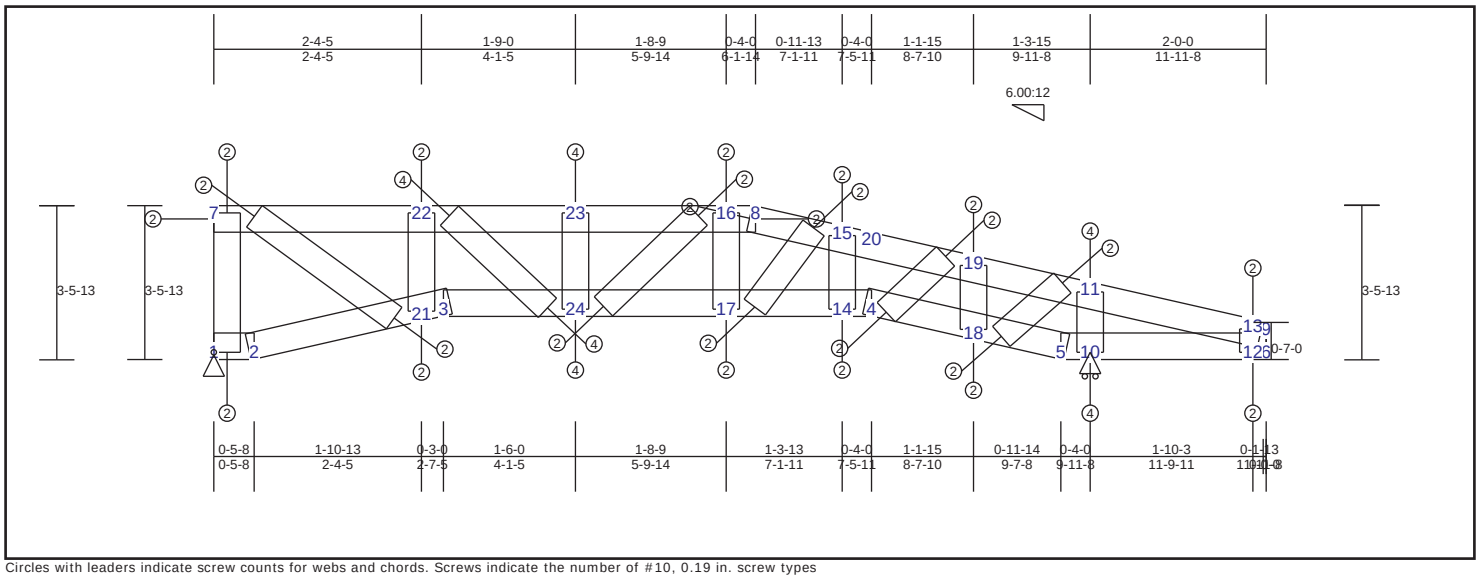
TRUSS TD49 (spacing 24 in)



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 (22 - 23)	TL(V): 0.25 in.	L / 115	(2-21)	L / 360
BC :	0.25 (3 - 24)	LL(V): -0.17 in.	L / 175	(2-21)	L / 360
Web :	0.17 (1 - 7)	DL(V): -0.09 in.	L / 335	(2-21)	L / 0
		Cant / OH TL: 0.07 in.	2L / 95	(3-24)	2L / 360
		Cant / OH LL: 0.07 in.	2L / 95	(3-24)	2L / 360
		Horiz TL: 0.1 in.		5	
		Web :			
		Snow/Wind -0.07 in.	L / 418	(2-21)	L / 360
		Cant (Snow/Wind) 0.02 in.	L / 403	(3-24)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-210 lbs	540 lbs	0 lbs	-230 lbs	-210 lbs
10	HRoll		0 lbs	810 lbs	0 lbs	-250 lbs	0 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
3-5-13	11-11-8

Material Design Pass

Deflection check **pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-22	0.34	251 lbs	-169 lbs	2-21	0.12	204 lbs	-63 lbs	1-7	0.17	-537 lbs	-537 lbs
22-23	0.44	-671 lbs	-671 lbs	3-21	0.07	244 lbs	-51 lbs	10-11	0.12	-837 lbs	-837 lbs
16-23	0.15	-671 lbs	-671 lbs	3-24	0.25	636 lbs	-130 lbs	12-13	0.00	28 lbs	-1 lbs
8-16	0.06	-550 lbs	-550 lbs	17-24	0.15	636 lbs	-141 lbs	14-15	0.03	-174 lbs	-174 lbs
8-15	0.07	-608 lbs	-608 lbs	14-17	0.05	514 lbs	-144 lbs	16-17	0.03	-183 lbs	-183 lbs
15-19	0.14	-608 lbs	-608 lbs	4-14	0.05	505 lbs	-144 lbs	18-19	0.12	-783 lbs	-783 lbs
11-19	0.15	-595 lbs	-595 lbs	4-18	0.13	395 lbs	-100 lbs	21-22	0.09	-509 lbs	-509 lbs
11-13	0.17	-287 lbs	-287 lbs	5-18	0.11	45 lbs	-3 lbs	23-24	0.15	-897 lbs	-897 lbs
9-13	0.01	89 lbs	0 lbs	1-2	0.02	212 lbs	-71 lbs	15-17	0.00	98 lbs	-21 lbs
				5-10	0.02	0 lbs	0 lbs	11-18	0.03	535 lbs	-106 lbs
				10-12	0.02	0 lbs	0 lbs	4-19	0.03	592 lbs	-220 lbs
				6-12	0.00	0 lbs	0 lbs	16-24	0.02	377 lbs	-32 lbs
								22-24	0.06	1177 lbs	-190 lbs
								7-21	0.12	-473 lbs	-473 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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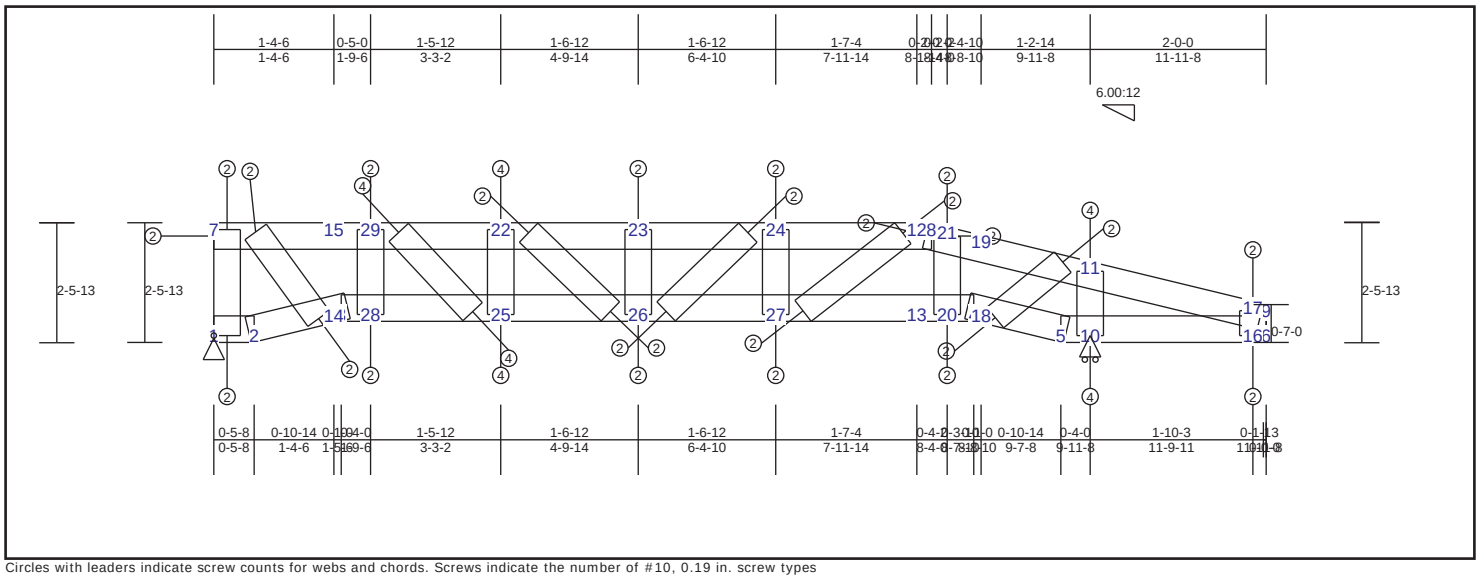
TRUSS TD50 (spacing 24 in)



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 :	0.46 (29 - 22)	TL(V): 0.09 in.	L / 35	(1-2)	L / 360
BC :	0.27 (28 - 25)	LL(V): -0.05 in.	L / 60	(1-2)	L / 360
Web :	0.19 (25 - 22)	DL(V): -0.04 in.	L / 348	(2-14)	L / 0
		Cant / OH TL: -0.05 in.	2L / 0	(1-2)	2L / 360
		Cant / OH LL: -0.05 in.	2L / 0	(1-2)	2L / 360
		Horiz TL: 0.05 in.		5	
		Web :			
		Snow/Wind 0.03 in.	L / 98	(1-2)	L / 360
		Cant (Snow/Wind) 0.03 in.	L / 0	(1-2)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-140 lbs	530 lbs	0 lbs	-220 lbs	-140 lbs
10	HRoll		0 lbs	810 lbs	0 lbs	-260 lbs	0 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
2-5-13	11-11-8

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Deflection check **pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-29	0.36	79 lbs	-40 lbs	1-2	0.01	140 lbs	-47 lbs	1-7	0.09	-530 lbs	-530 lbs
22-29	0.46	-520 lbs	-520 lbs	3-28	0.06	74 lbs	-20 lbs	10-11	0.15	-981 lbs	-981 lbs
22-23	0.17	-713 lbs	-713 lbs	25-28	0.27	497 lbs	-229 lbs	16-17	0.00	45 lbs	-12 lbs
23-24	0.07	-713 lbs	-713 lbs	25-26	0.27	690 lbs	-336 lbs	20-21	0.06	-411 lbs	-411 lbs
12-24	0.12	-635 lbs	-635 lbs	26-27	0.11	690 lbs	-336 lbs	22-25	0.19	-1284 lbs	-1284 lbs
8-12	0.09	-331 lbs	-331 lbs	20-27	0.10	611 lbs	-294 lbs	23-26	0.02	-162 lbs	-162 lbs
8-21	0.06	-506 lbs	-506 lbs	4-20	0.09	308 lbs	-125 lbs	24-27	0.06	-432 lbs	-432 lbs
11-21	0.17	-506 lbs	-506 lbs	4-18	0.09	126 lbs	-50 lbs	28-29	0.02	327 lbs	-134 lbs
11-17	0.20	-342 lbs	-342 lbs	5-18	0.11	126 lbs	-50 lbs	7-14	0.04	-238 lbs	-238 lbs
9-17	0.01	97 lbs	-5 lbs	5-10	0.04	0 lbs	0 lbs	11-18	0.04	605 lbs	-246 lbs
				10-16	0.04	0 lbs	0 lbs	12-27	0.05	574 lbs	-321 lbs
				6-16	0.01	0 lbs	0 lbs	24-26	0.01	175 lbs	-91 lbs
				2-14	0.04	159 lbs	-52 lbs	22-26	0.04	429 lbs	-237 lbs
				3-14	0.03	159 lbs	-52 lbs	25-29	0.10	1197 lbs	-679 lbs

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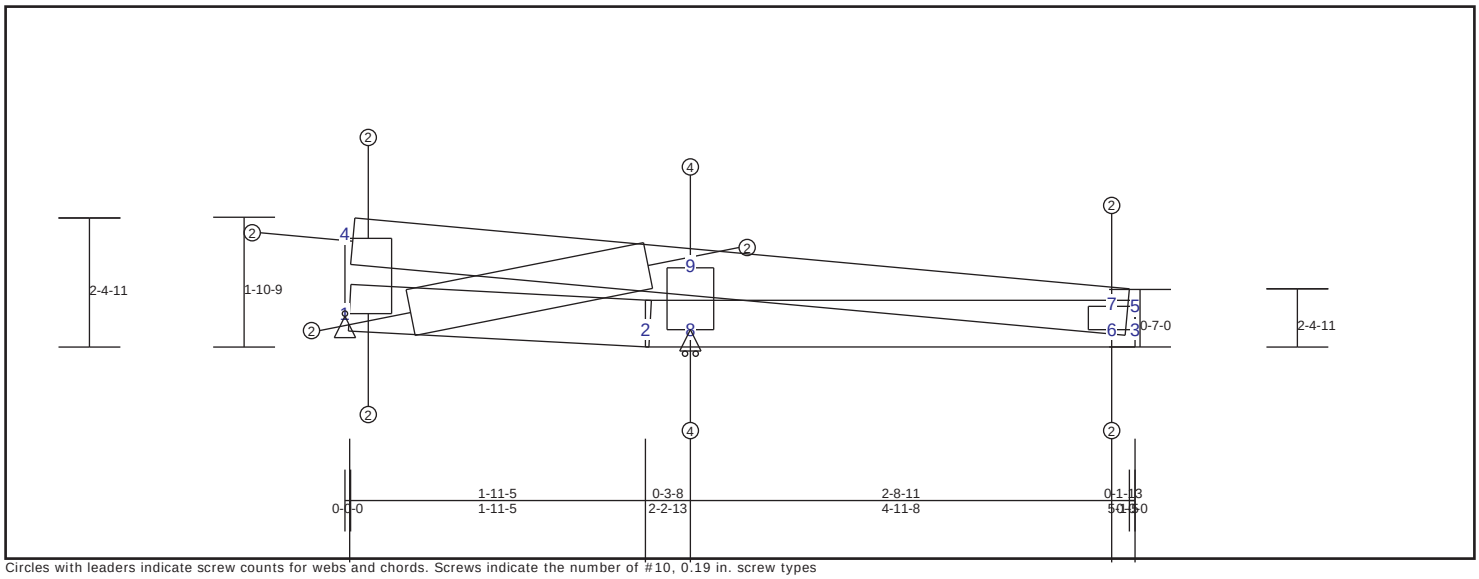
TRUSS TD51 (spacing 24 in)



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 1-4 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 :	0.65 (9 - 7)	TL(V): 0.15 in.	L / 433	5	L / 360
BC :	0.08 (1 - 2)	LL(V): 0.08 in.	L / 789	5	L / 360
Web :	0.22 (8 - 9)	DL(V): 0.07 in.	L / 960	5	L / 0
		Cant / OH TL: 0.08 in.	2L / 863	5	2L / 360
		Cant / OH LL: 0.08 in.	2L / 863	5	2L / 360
		Horiz TL: -0.03 in.		5	
		Web :			
		Snow/Wind -0.1 in.	L / 601	5	L / 360
		Cant (Snow/Wind) -0.1 in.	L / 658	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	-100 lbs	-100 lbs	-100 lbs	-130 lbs
8	HRoll		0 lbs	660 lbs	0 lbs	-220 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
2-4-4	5-1-5

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-9	0.62	122 lbs	-115 lbs	2-8	0.02	0 lbs	0 lbs	6-7	0.00	28 lbs	0 lbs
7-9	0.65	122 lbs	-115 lbs	6-8	0.02	0 lbs	0 lbs	8-9	0.22	-612 lbs	-612 lbs
5-7	0.02	89 lbs	0 lbs	3-6	0.02	0 lbs	0 lbs	1-4	0.04	127 lbs	-102 lbs
				1-2	0.08	113 lbs	-37 lbs	1-9	0.02	161 lbs	-54 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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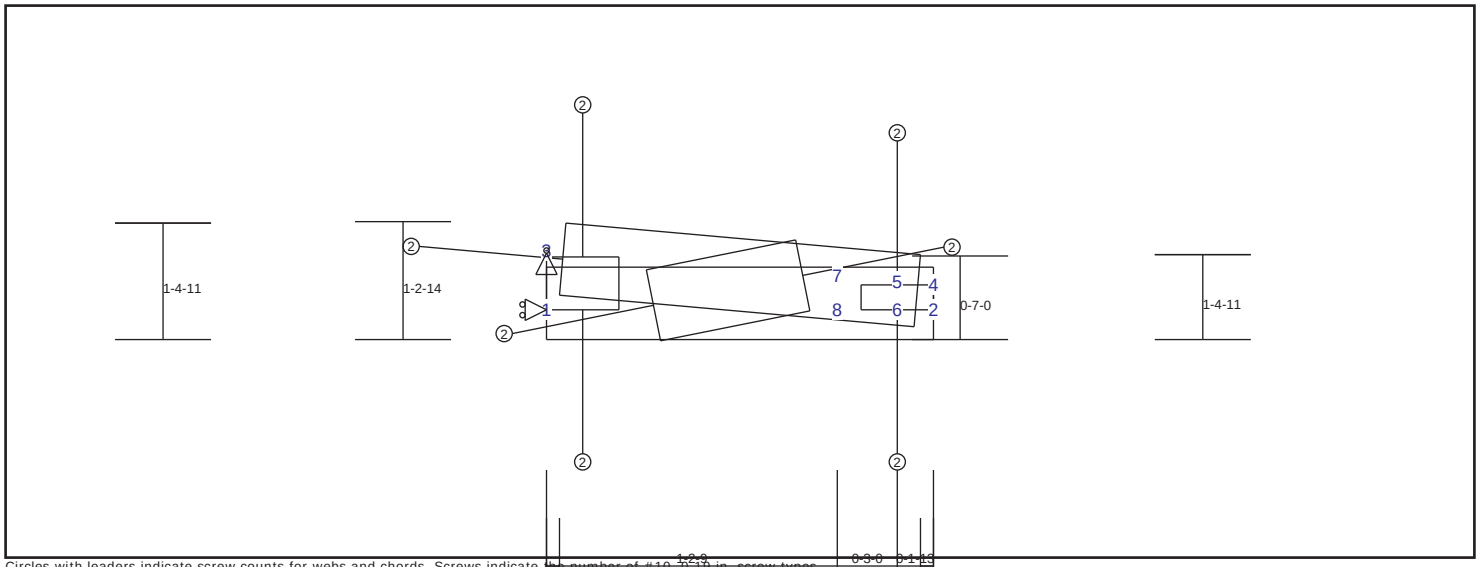
TRUSS TD52 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicated are #10, 0.15 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 :	0.09 (3 - 7)	TL(V): 0 in.	L / 999	(3-7)	L / 360
BC :	0.10 (1 - 6)	LL(V): 0 in.	L / 999	(3-7)	L / 360
Web :	0.07 (1 - 7)	DL(V): 0 in.	L / 999	(3-7)	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.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-7)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	VRoll		130 lbs	0 lbs	0 lbs	0 lbs	130 lbs
3	Pin		-120 lbs	170 lbs	0 lbs	-70 lbs	-120 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
1-3-14	1-7-6

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.09	128 lbs	-54 lbs	1-6	0.10	-126 lbs	-126 lbs	5-6	0.01	50 lbs	-30 lbs
5-7	0.06	46 lbs	-13 lbs	2-6	0.03	0 lbs	0 lbs	1-3	0.03	117 lbs	-87 lbs
4-5	0.04	46 lbs	-13 lbs					1-7	0.07	-190 lbs	-190 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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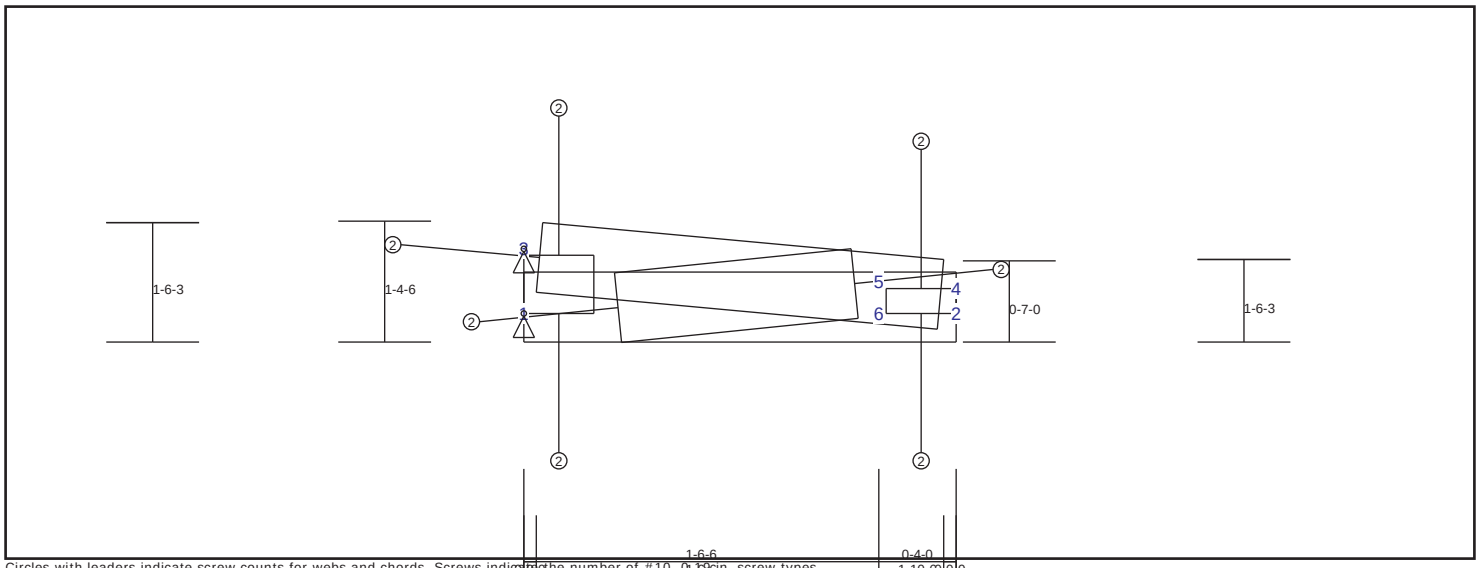
TRUSS TD53 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicated are the number of #10, 0.136in. 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 3/8" 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 :	0.05 (3 - 5)	TL(V): 0 in.	L / 999	(3-5)	L / 360
BC :	0.10 (1 - 2)	LL(V): 0 in.	L / 999	(3-5)	L / 360
Web :	0.06 (1 - 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	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-5)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-140 lbs	110 lbs	0 lbs	-30 lbs	-140 lbs
3	Pin		-140 lbs	110 lbs	0 lbs	-30 lbs	-140 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
1-5-6	1-10-6

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 = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-5	0.05	175 lbs	-81 lbs	1-2	0.10	-150 lbs	-150 lbs	2-4	0.00	28 lbs	-12 lbs
4-5	0.04	32 lbs	-5 lbs					1-3	0.00	0 lbs	0 lbs
								1-5	0.06	-171 lbs	-171 lbs

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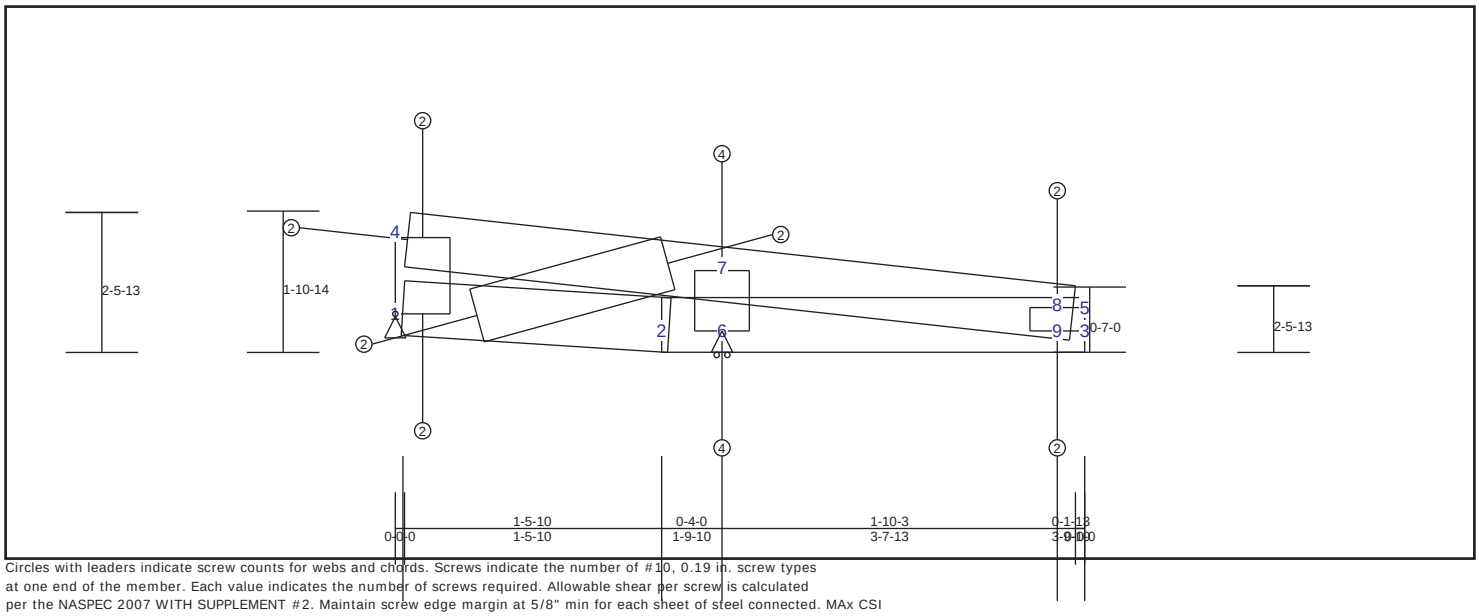
TRUSS TD54 (spacing 24 in)



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 1-4 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 :	0.33 (7 - 8)	TL(V): 0.04 in.	L / 999	5	L / 360
BC :	0.12 (1 - 2)	LL(V): 0.02 in.	L / 999	5	L / 360
Web :	0.15 (6 - 7)	DL(V): 0.02 in.	L / 999	5	L / 0
		Cant / OH TL: 0.02 in.	2L / 999	5	2L / 360
		Cant / OH LL: 0.02 in.	2L / 999	5	2L / 360
		Horiz TL: -0.01 in.		5	
		Web :			
		Snow/Wind -0.03 in.	L / 999	5	L / 360
		Cant (Snow/Wind) -0.03 in.	L / 999	5	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-130 lbs	-50 lbs	-50 lbs	-50 lbs	-130 lbs
6	HRoll		0 lbs	450 lbs	0 lbs	-120 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
Web 8-9	362S162-54(50)	Unbraced

Truss Dimensions

Max Height	Max Width
2-5-0	3-9-10

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-7	0.30	-99 lbs	-99 lbs	1-2	0.12	100 lbs	-32 lbs	1-4	0.03	-83 lbs	-83 lbs
7-8	0.33	-99 lbs	-99 lbs	2-6	0.04	0 lbs	0 lbs	6-7	0.15	-407 lbs	-407 lbs
5-8	0.02	85 lbs	-1 lbs	6-9	0.04	0 lbs	0 lbs	8-9	0.00	25 lbs	-3 lbs
				3-9	0.01	0 lbs	0 lbs	1-7	0.03	212 lbs	-71 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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

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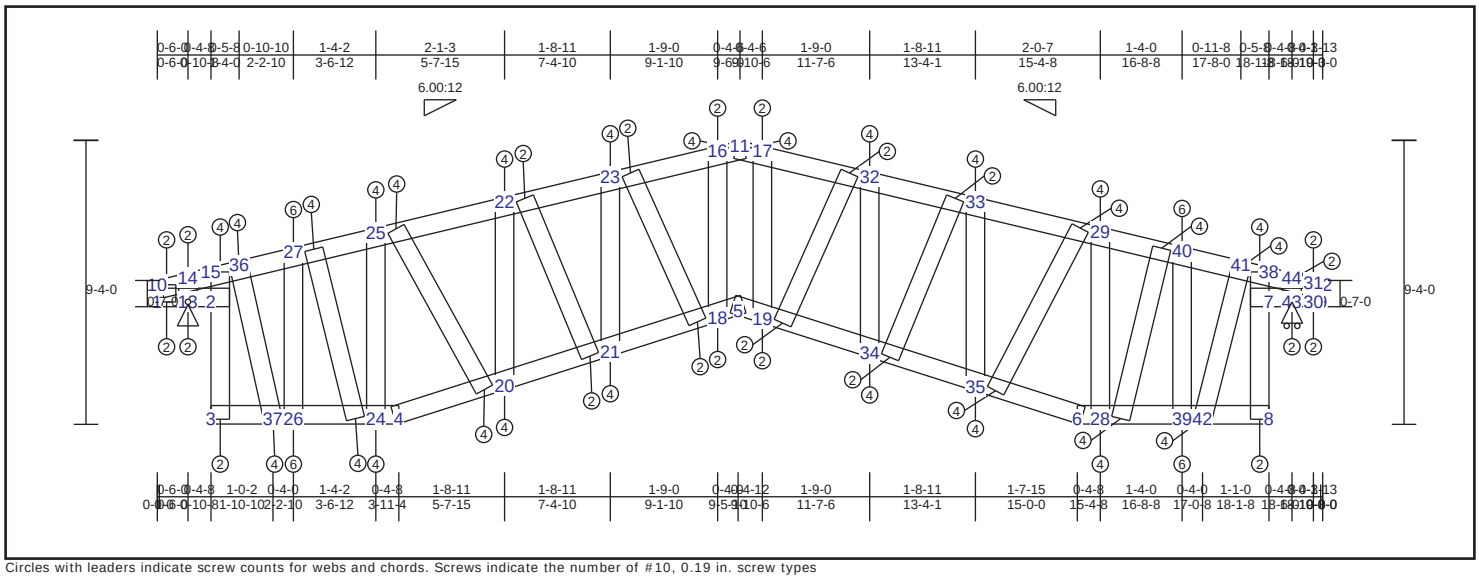
TRUSS TD55 (spacing 24 in)



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 (41 - 38)	TL(V): 0.12 in.	L / 689	(18-5)	L / 360
BC :	0.37 (13 - 2)	LL(V): 0.06 in.	L / 999	(18-5)	L / 360
Web :	0.48 (26 - 27)	DL(V): 0.05 in.	L / 999	(18-5)	L / 0
		Cant / OH TL: 0.06 in.	2L / 999	(18-5)	2L / 360
		Cant / OH LL: 0.06 in.	2L / 999	(18-5)	2L / 360
		Horiz TL: 0.06 in.		7	
		Web :			
		Snow/Wind -0.05 in.	L / 999	(18-5)	L / 360
		Cant (Snow/Wind) -0.05 in.	L / 999	(18-5)	L / 360

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
13	Pin		-70 lbs	1100 lbs	0 lbs	-360 lbs	-70 lbs
43	HRoll		0 lbs	1110 lbs	0 lbs	-360 lbs	0 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
9-4-3	19-0-0

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 = 8.00 psf; BC Live = 0.00 psf; BC Dead = 7.00 psf; TC LiveRoof = 20.00 psf
3)Wind Criteria: Code: ASCE 7-10, Wind Speed: 163.00 mph, Exposure: C, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 20.00 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

Material Design **Pass**

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
10-14	0.02	59 lbs	-33 lbs	1-13	0.22	70 lbs	-62 lbs	1-10	0.01	-87 lbs	-87 lbs	33-34	0.20	681 lbs	-262 lbs
14-15	0.02	59 lbs	-5 lbs	2-13	0.37	70 lbs	-62 lbs	13-14	0.01	107 lbs	-65 lbs	29-35	0.33	868 lbs	-392 lbs
15-36	0.28	-675 lbs	-675 lbs	7-43	0.36	0 lbs	0 lbs	2-3	0.26	-276 lbs	-276 lbs	28-40	0.49	1099 lbs	-545 lbs
27-36	0.20	-813 lbs	-813 lbs	30-43	0.21	0 lbs	0 lbs	2-15	0.28	-1385 lbs	-1385 lbs				
25-27	0.21	-878 lbs	-878 lbs	9-30	0.02	0 lbs	0 lbs	16-18	0.29	482 lbs	-372 lbs				
22-25	0.19	-1064 lbs	-1064 lbs	4-20	0.16	579 lbs	-319 lbs	17-19	0.26	-333 lbs	-333 lbs				
22-23	0.15	-1205 lbs	-1205 lbs	20-21	0.16	867 lbs	-451 lbs	24-25	0.32	-1158 lbs	-1158 lbs				
16-23	0.17	-1205 lbs	-1205 lbs	18-21	0.18	1107 lbs	-518 lbs	26-27	0.48	-1674 lbs	-1674 lbs				
11-16	0.13	-815 lbs	-815 lbs	5-18	0.19	952 lbs	-518 lbs	28-29	0.29	-1118 lbs	-1118 lbs				
11-17	0.12	-870 lbs	-870 lbs	5-19	0.18	933 lbs	-468 lbs	30-31	0.01	-81 lbs	-81 lbs				
17-32	0.15	-1199 lbs	-1199 lbs	19-34	0.19	1101 lbs	-496 lbs	21-23	0.80	-865 lbs	-865 lbs				
32-33	0.15	-1199 lbs	-1199 lbs	34-35	0.16	861 lbs	-411 lbs	20-22	0.08	-990 lbs	-990 lbs				
29-33	0.19	-1058 lbs	-1058 lbs	6-35	0.16	586 lbs	-293 lbs	32-34	0.82	-870 lbs	-870 lbs				
29-40	0.19	-883 lbs	-883 lbs	3-37	0.29	287 lbs	-169 lbs	33-35	0.08	-989 lbs	-989 lbs				
40-41	0.20	-809 lbs	-809 lbs	26-37	0.28	287 lbs	-169 lbs	36-37	0.64	1616 lbs	-921 lbs				
38-41	0.29	-670 lbs	-670 lbs	24-26	0.28	426 lbs	-244 lbs	7-8	0.25	-275 lbs	-275 lbs				
38-44	0.01	44 lbs	-7 lbs	4-24	0.17	426 lbs	-244 lbs	7-38	0.27	-1340 lbs	-1340 lbs				
31-44	0.01	44 lbs	-31 lbs	6-28	0.16	430 lbs	-225 lbs	39-40	0.47	-1631 lbs	-1631 lbs				
12-31	0.01	-31 lbs	-31 lbs	28-39	0.28	430 lbs	-225 lbs	41-42	0.59	1611 lbs	-850 lbs				
				39-42	0.28	304 lbs	-163 lbs	43-44	0.00	58 lbs	-12 lbs				
				8-42	0.29	304 lbs	-163 lbs	24-27	0.57	1181 lbs	-639 lbs				
								20-25	0.33	863 lbs	-398 lbs				
								21-22	0.16	678 lbs	-217 lbs				
								18-23	0.02	452 lbs	-8 lbs				
								19-32	0.06	512 lbs	-95 lbs				