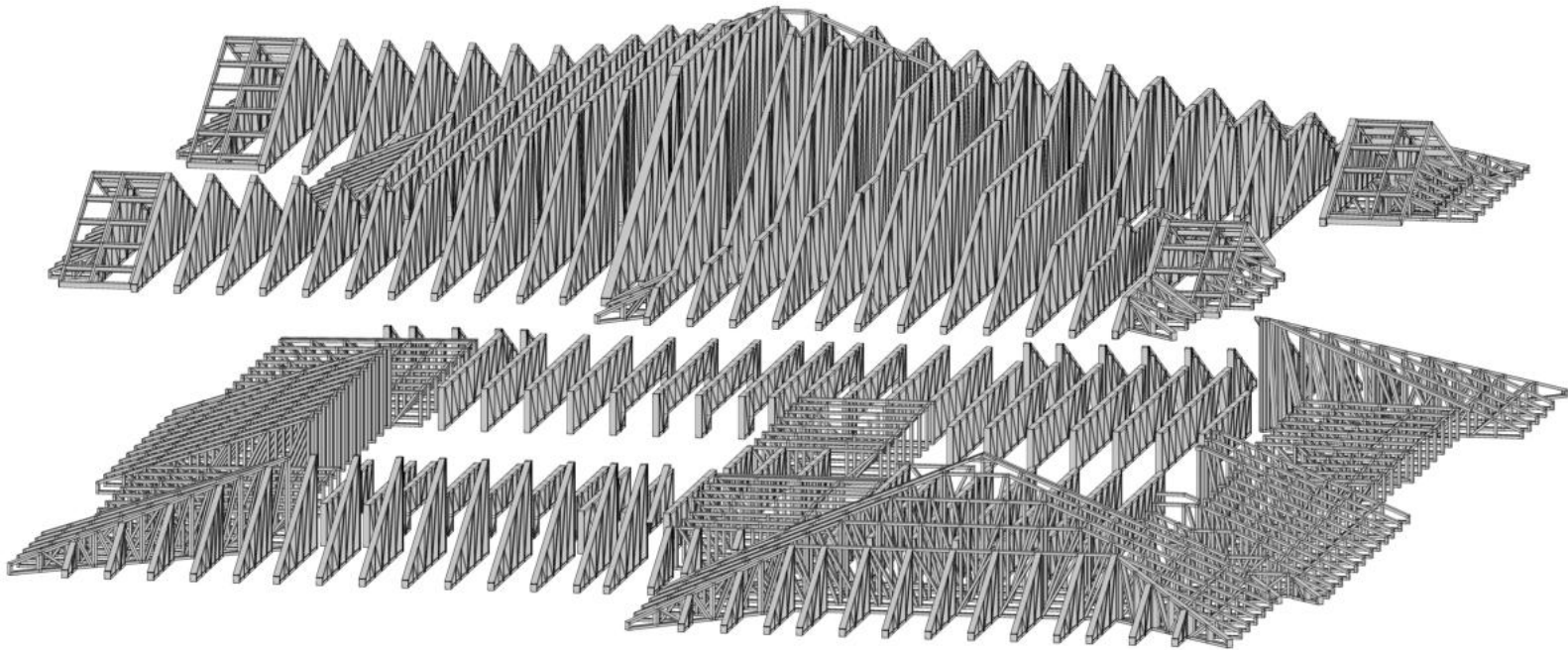
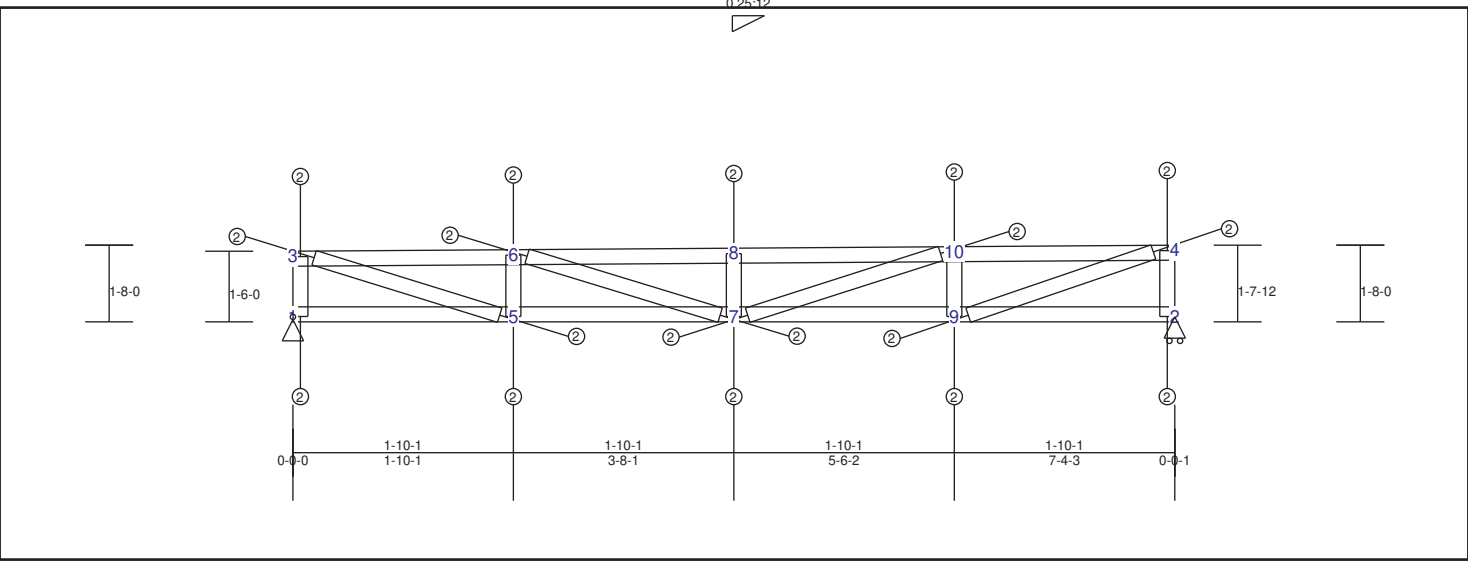

TRUSS PACKAGE



2 AUG 2024

TRUSS FT1 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 6)	TL(V): 0 in.	L / 999		L / 240
BC : 0.22 (7 - 9)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.07 (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.		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 AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

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

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

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

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.30	-407 lbs	-407 lbs	1-5	0.21	402 lbs	0 lbs	1-3	0.07	-421 lbs	-421 lbs
6-8	0.24	-527 lbs	-527 lbs	5-7	0.21	524 lbs	0 lbs	5-6	0.06	-377 lbs	-377 lbs
8-10	0.24	-527 lbs	-527 lbs	7-9	0.22	524 lbs	0 lbs	7-8	0.03	-191 lbs	-191 lbs
4-10	0.30	-385 lbs	-385 lbs	2-9	0.22	382 lbs	0 lbs	9-10	0.07	-398 lbs	-398 lbs
								2-4	0.07	-421 lbs	-421 lbs
								3-5	0.05	548 lbs	0 lbs
								6-7	0.02	166 lbs	0 lbs
								7-10	0.02	198 lbs	0 lbs
								4-9	0.05	546 lbs	0 lbs

The diagram illustrates the structural layout of a bridge deck, showing a series of rectangular panels connected by diagonal bracing. The panels are defined by vertical lines, and the bracing is represented by diagonal lines within each panel. The diagram includes dimensions for panel lengths and vertical heights. The panel lengths are: 1-6-4, 3-0-8, 4-6-12, 6-0-15, 7-7-3, 9-1-7, 10-7-11, and 12-1-15. The vertical heights are: 2-0-0 and 1-11-13. The nodes are numbered 1 through 18. The diagram is symmetrical about a central vertical axis.

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC: 0.52 (3 - 6)	TL(V): 0 in.	L / 999		L / 240
BC: 0.42 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web: 0.13 (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

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed $L_y = 12$ inches is used

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	690 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	690 lbs	0 lbs	0 lbs	0 lbs

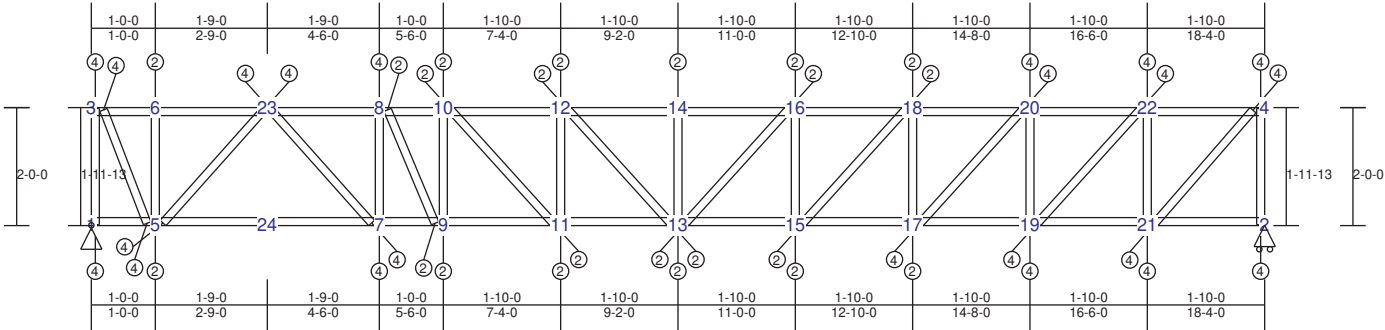
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
2-0-0	12-1-15

Member Forces Summary

Top Chord				Bot Chord				Web			
3-6	0.52	-474 lbs	-474 lbs	1-5	0.42	474 lbs	0 lbs	1-3	0.12	-714 lbs	-714 lbs
6-8	0.37	-830 lbs	-830 lbs	5-7	0.42	830 lbs	0 lbs	5-6	0.13	-793 lbs	-793 lbs
8-10	0.26	-1039 lbs	-1039 lbs	7-9	0.24	1039 lbs	0 lbs	7-8	0.08	-492 lbs	-492 lbs
10-12	0.25	-1110 lbs	-1110 lbs	9-11	0.18	1110 lbs	0 lbs	9-10	0.05	-291 lbs	-291 lbs
12-14	0.25	-1110 lbs	-1110 lbs	11-13	0.18	1110 lbs	0 lbs	11-12	0.03	-174 lbs	-174 lbs
14-16	0.26	-1039 lbs	-1039 lbs	13-15	0.24	1039 lbs	0 lbs	13-14	0.05	-291 lbs	-291 lbs
16-18	0.37	-831 lbs	-831 lbs	15-17	0.42	831 lbs	0 lbs	15-16	0.08	-492 lbs	-492 lbs
4-18	0.52	-474 lbs	-474 lbs	2-17	0.42	474 lbs	0 lbs	17-18	0.13	-793 lbs	-793 lbs
								2-4	0.12	-714 lbs	-714 lbs
								3-5	0.09	890 lbs	0 lbs
								6-7	0.06	646 lbs	0 lbs
								8-9	0.04	378 lbs	0 lbs
								10-11	0.01	128 lbs	0 lbs
								11-14	0.01	128 lbs	0 lbs
								13-16	0.04	378 lbs	0 lbs
								15-18	0.06	646 lbs	0 lbs
								4-17	0.09	890 lbs	0 lbs

TRUSS FT3 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 6)	TL(V): 0.02 in.	L / 999	L / 240
BC : 0.86 (1 - 5)	LL(V): 0.02 in.	L / 999	L / 360
Web : 0.21 (1 - 3)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	1040 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	1040 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2'-0-0	18'-4-0

Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.92 -512 lbs -512 lbs	1-5 0.86 512 lbs 0 lbs	1-3 0.21 -1276 lbs -1276 lbs
6-23 0.44 -1262 lbs -1262 lbs	5-7 0.58 1875 lbs 0 lbs	5-6 0.06 -341 lbs -341 lbs
8-23 0.50 -1875 lbs -1875 lbs	7-9 0.36 2122 lbs 0 lbs	7-8 0.13 -782 lbs -782 lbs
8-10 0.49 -2122 lbs -2122 lbs	9-11 0.36 2433 lbs 0 lbs	9-10 0.10 -582 lbs -582 lbs
10-12 0.52 -2433 lbs -2433 lbs	11-13 0.34 2535 lbs 0 lbs	11-12 0.06 -346 lbs -346 lbs
12-14 0.51 -2535 lbs -2535 lbs	13-15 0.33 2535 lbs 0 lbs	13-14 0.03 -207 lbs -207 lbs
14-16 0.51 -2535 lbs -2535 lbs	15-17 0.37 2433 lbs 0 lbs	15-16 0.06 -339 lbs -339 lbs
16-18 0.51 -2433 lbs -2433 lbs	17-19 0.41 2126 lbs 0 lbs	17-18 0.10 -595 lbs -595 lbs
18-20 0.51 -2126 lbs -2126 lbs	19-21 0.64 1617 lbs 0 lbs	19-20 0.13 -818 lbs -818 lbs
20-22 0.57 -1617 lbs -1617 lbs	2-21 0.64 896 lbs 0 lbs	21-22 0.19 -1175 lbs -1175 lbs
4-22 0.78 -896 lbs -896 lbs		2-4 0.18 -1072 lbs -1072 lbs
		3-5 0.15 1543 lbs 0 lbs
		10-11 0.05 488 lbs 0 lbs
		12-13 0.02 159 lbs 0 lbs
		13-16 0.02 159 lbs 0 lbs
		15-18 0.05 482 lbs 0 lbs
		17-20 0.08 797 lbs 0 lbs
		19-22 0.11 1130 lbs 0 lbs
		4-21 0.14 1437 lbs 0 lbs
		8-9 0.07 690 lbs 0 lbs
		5-23 0.20 -1185 lbs -1185 lbs
		7-23 0.10 968 lbs 0 lbs

The diagram illustrates a truss bridge structure with the following details:

- Members:** Labeled with numbers in circles. Top chord members include 1-10-0, 2-1-5, 1-6-11, 1-10-0, 1-10-0, 1-10-0, 1-10-0, 1-10-0, 1-10-0, 1-10-0. Bottom chord members include 1-10-0, 2-1-5, 1-6-11, 1-10-0, 1-10-0, 1-10-0, 1-10-0, 1-10-0, 1-10-0, 1-10-0. Vertical members include 2-1-5, 3-11-5, 5-6-0, 7-4-0, 9-2-0, 11-0-0, 12-10-0, 14-8-0, 16-6-0, 18-4-0. Diagonal members include 1-11-13, 1-11-13, 1-11-13, 1-11-13, 1-11-13, 1-11-13, 1-11-13, 1-11-13, 1-11-13, 1-11-13.
- Joints:** Labeled with numbers in circles. Top joints are 3, 6, 8, 10, 12, 14, 16, 18, 20, 22, 4. Bottom joints are 5, 7, 9, 11, 13, 15, 17, 19, 21, 23.
- Dimensions:** Horizontal dimensions are provided above and below the truss. Vertical dimensions are indicated on the sides, showing a height of 2-0-0.

Max CSI Summary		Deflection	L (in)	(Loc)	Max. Allowed
TC:	0.61 (22 - 4)	TL(V): 0 in.	L / 999		L / 240
BC:	0.49 (19 - 21)	LL(V): 0 in.	L / 999	3	L / 360
Web:	0.16 (7 - 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.		0	
		Web:			
		Snow/Wind 0 in.	L / 999		L / 0
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed $L_y = 12$ inches is used

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	230 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	820 lbs	0 lbs	0 lbs	0 lbs
7	HRoll		0 lbs	1040 lbs	0 lbs	0 lbs	0 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
2-0-0	18-4-0

Member Forces Summary

Top Chord			Bot Chord			Web					
3-6	0.23	-92 lbs	-92 lbs	1-5	0.20	92 lbs	0 lbs	1-3	0.03	-205 lbs	-205 lbs
6-8	0.54	-92 lbs	-92 lbs	5-7	0.20	92 lbs	0 lbs	5-6	0.03	-167 lbs	-167 lbs
8-10	0.54	-611 lbs	-611 lbs	7-9	0.45	611 lbs	0 lbs	7-8	0.16	-981 lbs	-981 lbs
10-12	0.39	-1152 lbs	-1152 lbs	9-11	0.45	1152 lbs	0 lbs	9-10	0.14	-825 lbs	-825 lbs
12-14	0.39	-1465 lbs	-1465 lbs	11-13	0.31	1465 lbs	0 lbs	11-12	0.10	-621 lbs	-621 lbs
14-16	0.32	-1578 lbs	-1578 lbs	13-15	0.27	1578 lbs	0 lbs	13-14	0.03	-206 lbs	-206 lbs
16-18	0.37	-1578 lbs	-1578 lbs	15-17	0.24	1578 lbs	0 lbs	15-16	0.01	-64 lbs	-64 lbs
18-20	0.37	-1487 lbs	-1487 lbs	17-19	0.28	1487 lbs	0 lbs	17-18	0.06	-338 lbs	-338 lbs
20-22	0.44	-1193 lbs	-1193 lbs	19-21	0.49	1193 lbs	0 lbs	19-20	0.09	-560 lbs	-560 lbs
4-22	0.61	-688 lbs	-688 lbs	2-21	0.49	688 lbs	0 lbs	21-22	0.15	-900 lbs	-900 lbs
								2-4	0.14	-843 lbs	-843 lbs
								3-5	0.01	147 lbs	0 lbs
								10-11	0.08	847 lbs	0 lbs
								12-13	0.05	491 lbs	0 lbs
								13-16	0.03	-178 lbs	-178 lbs
								15-18	0.01	143 lbs	0 lbs
								17-20	0.05	461 lbs	0 lbs
								19-22	0.08	790 lbs	0 lbs
								4-21	0.11	1105 lbs	0 lbs
								8-9	0.09	922 lbs	0 lbs

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC: 0.64 (3 - 6)	TL(V): 0 in.	L / 999		L / 240
BC: 0.51 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web: 0.15 (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

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	860 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	860 lbs	0 lbs	0 lbs	0 lbs

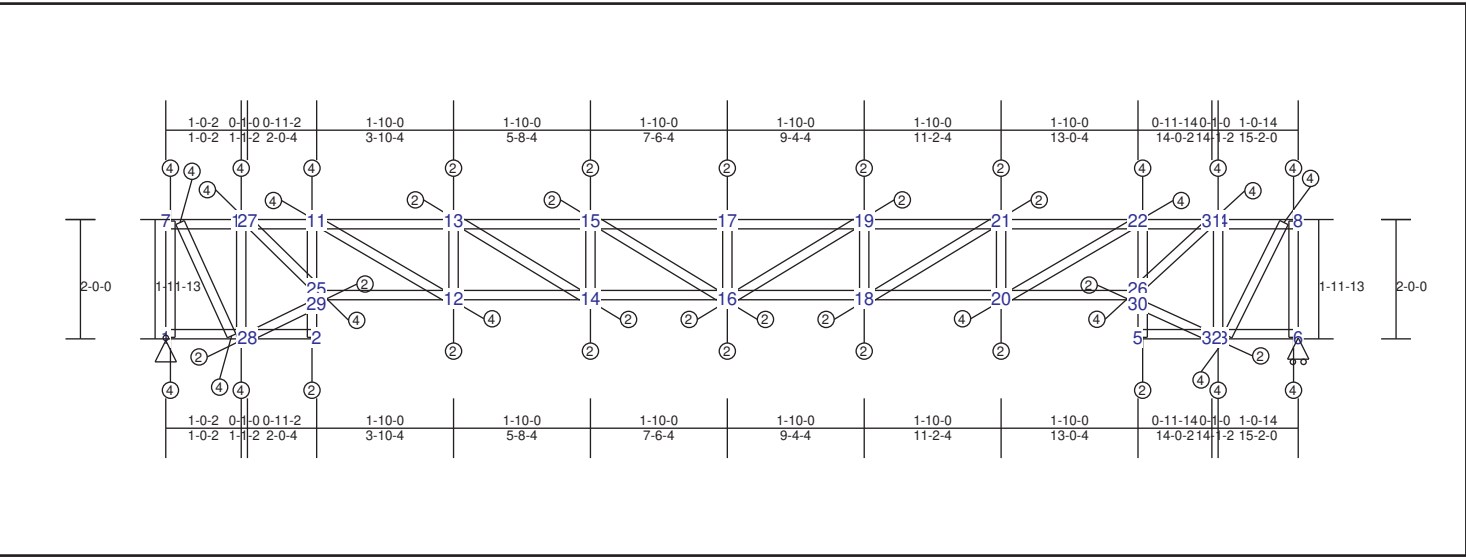
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
2-0-1	15-2-4

Member Forces Summary

Top Chord				Bot Chord				Web			
3-6	0.64	-751 lbs	-751 lbs	1-5	0.51	751 lbs	0 lbs	1-3	0.15	-884 lbs	-884 lbs
6-8	0.47	-1303 lbs	-1303 lbs	5-7	0.51	1303 lbs	0 lbs	5-6	0.15	-939 lbs	-939 lbs
8-10	0.39	-1630 lbs	-1630 lbs	7-9	0.29	1630 lbs	0 lbs	7-8	0.10	-592 lbs	-592 lbs
10-12	0.39	-1740 lbs	-1740 lbs	9-11	0.25	1740 lbs	0 lbs	9-10	0.06	-354 lbs	-354 lbs
12-14	0.39	-1740 lbs	-1740 lbs	11-13	0.25	1740 lbs	0 lbs	11-12	0.04	-215 lbs	-215 lbs
14-16	0.39	-1630 lbs	-1630 lbs	13-15	0.29	1630 lbs	0 lbs	13-14	0.06	-354 lbs	-354 lbs
16-18	0.47	-1303 lbs	-1303 lbs	15-17	0.51	1303 lbs	0 lbs	15-16	0.10	-592 lbs	-592 lbs
4-18	0.64	-751 lbs	-751 lbs	2-17	0.51	751 lbs	0 lbs	17-18	0.15	-938 lbs	-938 lbs
								2-4	0.15	-884 lbs	-884 lbs
								3-5	0.12	1174 lbs	0 lbs
								6-7	0.08	845 lbs	0 lbs
								8-9	0.05	500 lbs	0 lbs
								10-11	0.02	169 lbs	0 lbs
								11-14	0.02	169 lbs	0 lbs
								13-16	0.05	500 lbs	0 lbs
								15-18	0.08	845 lbs	0 lbs
								4-17	0.12	1174 lbs	0 lbs

TRUSS FT6 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (7 - 10)	TL(V): 0 in.	L / 999		L / 240
BC : 0.60 (1 - 9)	LL(V): 0 in.	L / 999	7	L / 360
Web : 0.60 (3 - 25)	DL(V): 0 in.	L / 999	7	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		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 AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	0 lbs	860 lbs	0 lbs	0 lbs	0 lbs	0 lbs
6	HRoll	0 lbs	860 lbs	0 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
2-0-15	15-2-0

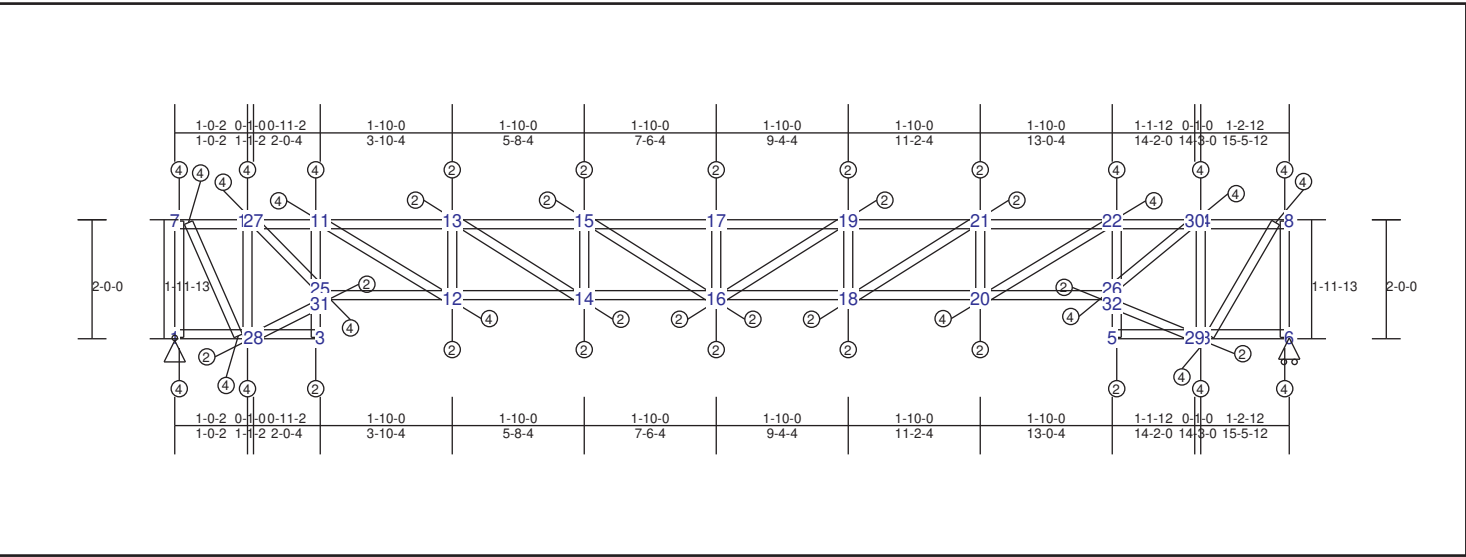
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-10	0.67	-394 lbs	-394 lbs	1-9	0.60	394 lbs	0 lbs	1-7	0.15	-925 lbs	-925 lbs
10-27	0.52	-394 lbs	-394 lbs	9-28	0.60	394 lbs	0 lbs	9-10	0.21	-1282 lbs	-1282 lbs
11-27	0.53	-1276 lbs	-1276 lbs	2-28	0.30	394 lbs	0 lbs	2-29	0.24	255 lbs	0 lbs
11-13	0.48	-2017 lbs	-2017 lbs	3-12	0.41	2017 lbs	0 lbs	3-29	0.00	0 lbs	0 lbs
13-15	0.52	-2515 lbs	-2515 lbs	12-14	0.41	2515 lbs	0 lbs	3-25	0.60	255 lbs	0 lbs
15-17	0.54	-2680 lbs	-2680 lbs	14-16	0.34	2680 lbs	0 lbs	11-25	0.42	-853 lbs	-853 lbs
17-19	0.54	-2680 lbs	-2680 lbs	16-18	0.34	2680 lbs	0 lbs	12-13	0.10	-605 lbs	-605 lbs
19-21	0.53	-2536 lbs	-2536 lbs	18-20	0.41	2536 lbs	0 lbs	14-15	0.06	-344 lbs	-344 lbs
21-22	0.49	-2060 lbs	-2060 lbs	4-20	0.41	2060 lbs	0 lbs	16-17	0.03	-208 lbs	-208 lbs
22-31	0.52	-1339 lbs	-1339 lbs	5-32	0.30	422 lbs	0 lbs	18-19	0.05	-326 lbs	-326 lbs
24-31	0.52	-422 lbs	-422 lbs	23-32	0.59	422 lbs	0 lbs	20-21	0.10	-589 lbs	-589 lbs
8-24	0.67	-422 lbs	-422 lbs	6-23	0.59	422 lbs	0 lbs	5-30	0.24	254 lbs	0 lbs
								4-30	0.00	0 lbs	0 lbs
								4-26	0.57	254 lbs	0 lbs
								22-26	0.44	-825 lbs	-825 lbs
								23-24	0.21	-1266 lbs	-1266 lbs
								6-8	0.15	-919 lbs	-919 lbs
								30-32	0.04	396 lbs	0 lbs
								26-31	0.14	1412 lbs	0 lbs
								25-27	0.14	1412 lbs	0 lbs
								28-29	0.04	366 lbs	0 lbs
								7-9	0.12	1169 lbs	0 lbs
								11-12	0.10	970 lbs	0 lbs
								13-14	0.06	630 lbs	0 lbs
								15-16	0.02	209 lbs	0 lbs
								16-19	0.02	182 lbs	0 lbs
								18-21	0.06	602 lbs	0 lbs
								20-22	0.09	944 lbs	0 lbs
								8-23	0.12	1160 lbs	0 lbs

TRUSS FT7 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (7 - 10)	TL(V): 0 in.	L / 999		L / 240
BC : 0.62 (1 - 9)	LL(V): 0 in.	L / 999	7	L / 360
Web : 0.63 (4 - 26)	DL(V): 0 in.	L / 999	7	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		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 AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	880 lbs	0 lbs	0 lbs	0 lbs
6	HRoll		0 lbs	880 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-1-0	15-5-12

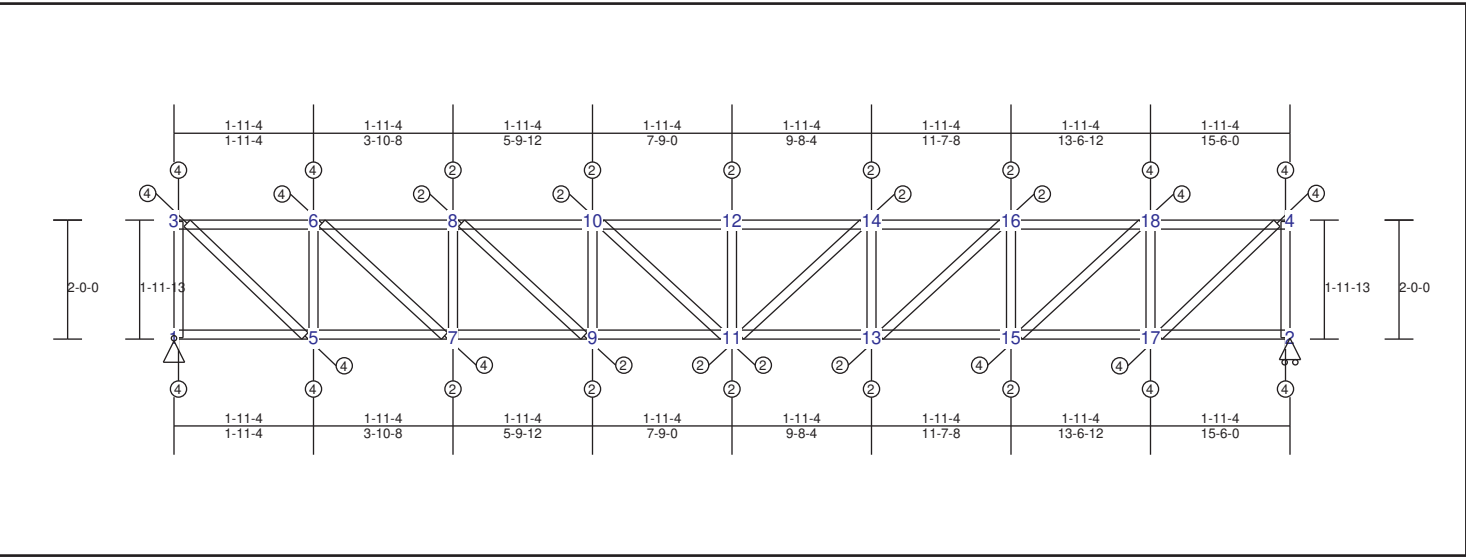
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
7-10	0.68	-402 lbs	-402 lbs	2-12	0.42	2072 lbs	0 lbs	1-7	0.16	-944 lbs	-944 lbs
10-27	0.53	-402 lbs	-402 lbs	12-14	0.42	2598 lbs	0 lbs	9-10	0.22	-1311 lbs	-1311 lbs
11-27	0.54	-1306 lbs	-1306 lbs	14-16	0.36	2790 lbs	0 lbs	3-31	0.25	260 lbs	0 lbs
11-13	0.50	-2072 lbs	-2072 lbs	16-18	0.35	2790 lbs	0 lbs	2-31	0.00	0 lbs	0 lbs
13-15	0.54	-2598 lbs	-2598 lbs	18-20	0.43	2673 lbs	0 lbs	2-25	0.62	260 lbs	0 lbs
15-17	0.56	-2790 lbs	-2790 lbs	4-20	0.43	2224 lbs	0 lbs	11-25	0.43	-875 lbs	-875 lbs
17-19	0.55	-2790 lbs	-2790 lbs	5-29	0.30	502 lbs	0 lbs	12-13	0.10	-625 lbs	-625 lbs
19-21	0.55	-2673 lbs	-2673 lbs	23-29	0.59	502 lbs	0 lbs	14-15	0.06	-366 lbs	-366 lbs
21-22	0.51	-2224 lbs	-2224 lbs	6-23	0.59	502 lbs	0 lbs	16-17	0.03	-208 lbs	-208 lbs
22-30	0.51	-1528 lbs	-1528 lbs	1-9	0.62	402 lbs	0 lbs	18-19	0.05	-304 lbs	-304 lbs
24-30	0.54	-502 lbs	-502 lbs	9-28	0.62	402 lbs	0 lbs	20-21	0.09	-569 lbs	-569 lbs
8-24	0.67	-502 lbs	-502 lbs	3-28	0.31	402 lbs	0 lbs	5-32	0.27	256 lbs	0 lbs
								4-32	0.00	0 lbs	0 lbs
								4-26	0.63	256 lbs	0 lbs
								22-26	0.49	-787 lbs	-787 lbs
								23-24	0.21	-1256 lbs	-1256 lbs
								6-8	0.15	-927 lbs	-927 lbs
								26-30	0.15	1459 lbs	0 lbs
								29-32	0.05	476 lbs	0 lbs
								25-27	0.14	1446 lbs	0 lbs
								28-31	0.04	374 lbs	0 lbs
								7-9	0.12	1195 lbs	0 lbs
								11-12	0.10	1002 lbs	0 lbs
								13-14	0.07	664 lbs	0 lbs
								15-16	0.02	243 lbs	0 lbs
								16-19	0.01	148 lbs	0 lbs
								18-21	0.06	567 lbs	0 lbs
								20-22	0.09	913 lbs	0 lbs
								8-23	0.12	1171 lbs	0 lbs

TRUSS FT8 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (18 - 4)	TL(V): 0 in.	L / 999	L / 240
BC : 0.52 (15 - 17)	LL(V): 0 in.	L / 999	L / 360
Web : 0.16 (17 - 18)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	880 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	880 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2'-0"-1"	15'-6"-0"

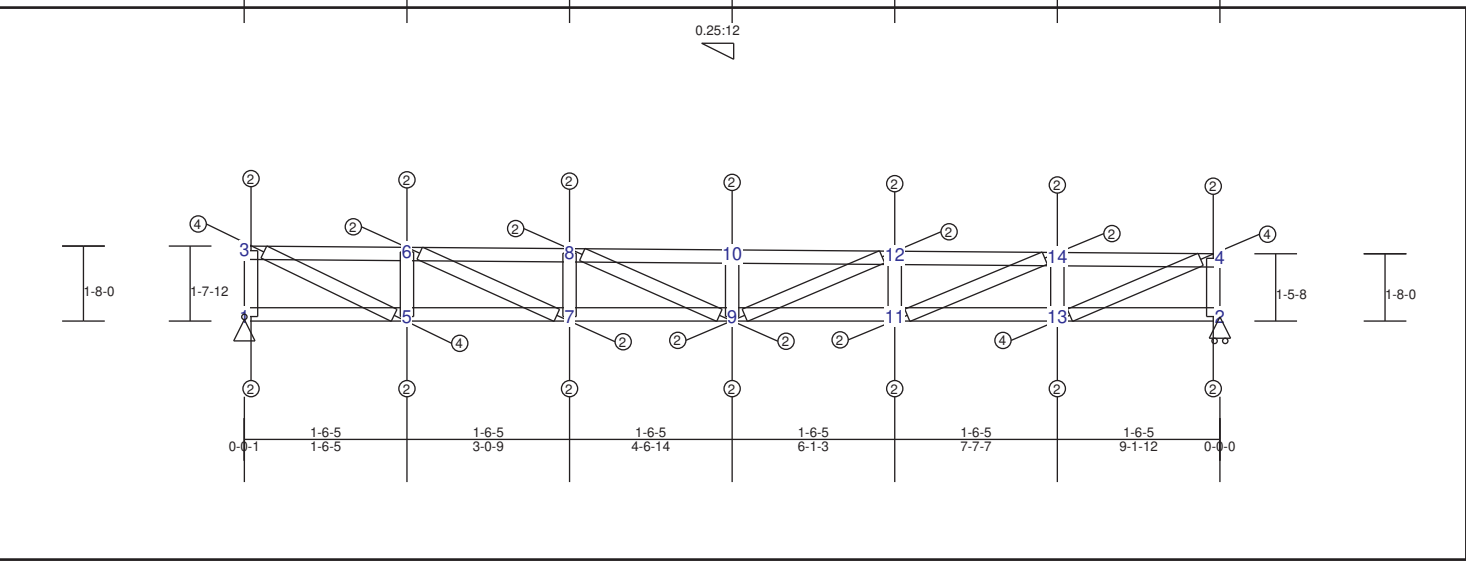
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.65	-783 lbs	-783 lbs	1-5	0.52	783 lbs	0 lbs	1-3	0.15	-902 lbs	-902 lbs
6-8	0.48	-1358 lbs	-1358 lbs	5-7	0.52	1358 lbs	0 lbs	5-6	0.16	-954 lbs	-954 lbs
8-10	0.41	-1698 lbs	-1698 lbs	7-9	0.30	1698 lbs	0 lbs	7-8	0.10	-603 lbs	-603 lbs
10-12	0.41	-1813 lbs	-1813 lbs	9-11	0.26	1813 lbs	0 lbs	9-10	0.06	-360 lbs	-360 lbs
12-14	0.41	-1813 lbs	-1813 lbs	11-13	0.26	1813 lbs	0 lbs	11-12	0.04	-219 lbs	-219 lbs
14-16	0.41	-1698 lbs	-1698 lbs	13-15	0.30	1698 lbs	0 lbs	13-14	0.06	-360 lbs	-360 lbs
16-18	0.48	-1358 lbs	-1358 lbs	15-17	0.52	1358 lbs	0 lbs	15-16	0.10	-603 lbs	-603 lbs
4-18	0.65	-783 lbs	-783 lbs	2-17	0.52	783 lbs	0 lbs	17-18	0.16	-954 lbs	-954 lbs
								2-4	0.15	-902 lbs	-902 lbs
								3-5	0.12	1207 lbs	0 lbs
								6-7	0.09	867 lbs	0 lbs
								8-9	0.05	514 lbs	0 lbs
								10-11	0.02	173 lbs	0 lbs
								11-14	0.02	173 lbs	0 lbs
								13-16	0.05	514 lbs	0 lbs
								15-18	0.09	867 lbs	0 lbs
								4-17	0.12	1207 lbs	0 lbs

TRUSS FT9 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 6)	TL(V): 0 in.	L / 999	L / 240
BC : 0.42 (1 - 5)	LL(V): 0 in.	L / 999	L / 360
Web : 0.13 (5 - 6)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 60.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	700 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	700 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-8-0	9-1-12

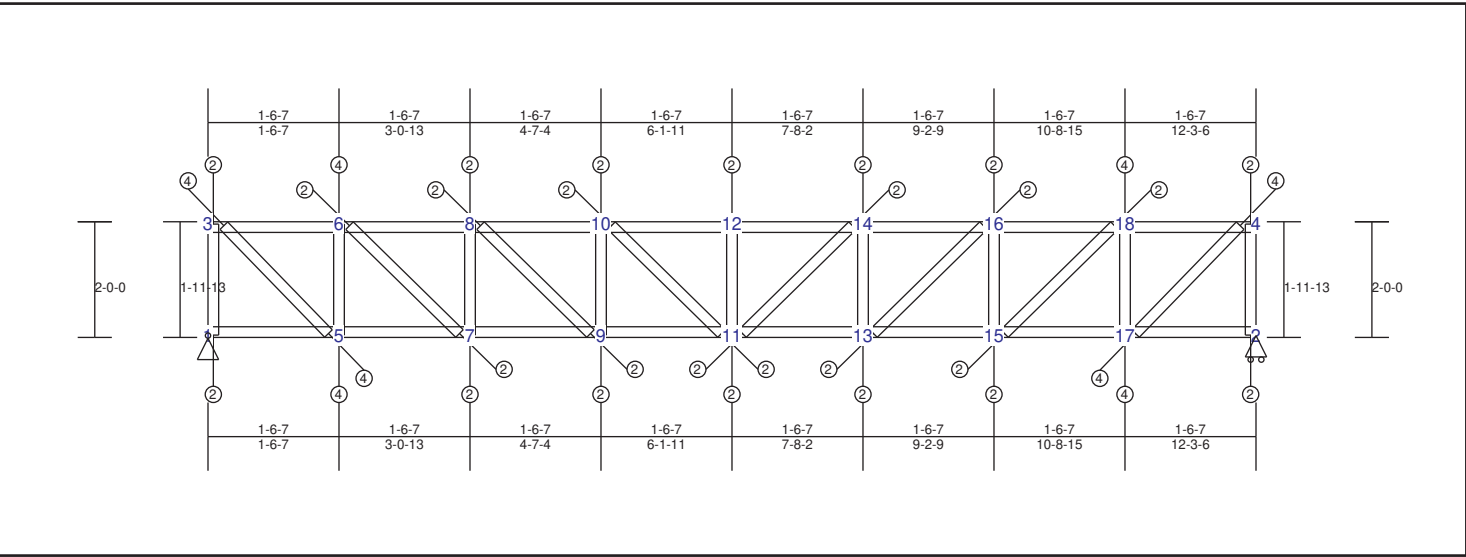
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.52	-577 lbs	-577 lbs	1-5	0.42	572 lbs	0 lbs	1-3	0.12	-720 lbs	-720 lbs
6-8	0.36	-957 lbs	-957 lbs	5-7	0.42	954 lbs	0 lbs	5-6	0.13	-779 lbs	-779 lbs
8-10	0.27	-1097 lbs	-1097 lbs	7-9	0.20	1095 lbs	0 lbs	7-8	0.07	-401 lbs	-401 lbs
10-12	0.26	-1097 lbs	-1097 lbs	9-11	0.17	1095 lbs	0 lbs	9-10	0.04	-243 lbs	-243 lbs
12-14	0.35	-1002 lbs	-1002 lbs	11-13	0.40	997 lbs	0 lbs	11-12	0.06	-347 lbs	-347 lbs
4-14	0.51	-637 lbs	-637 lbs	2-13	0.40	626 lbs	0 lbs	13-14	0.12	-748 lbs	-748 lbs
								2-4	0.12	-719 lbs	-719 lbs
								3-5	0.09	937 lbs	0 lbs
								6-7	0.06	598 lbs	0 lbs
								8-9	0.02	218 lbs	0 lbs
								9-12	0.01	148 lbs	0 lbs
								11-14	0.06	553 lbs	0 lbs
								4-13	0.09	949 lbs	0 lbs

TRUSS FT10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 6)	TL(V): 0 in.	L / 999	L / 240
BC : 0.43 (1 - 5)	LL(V): 0 in.	L / 999	L / 360
Web : 0.13 (5 - 6)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.	0	0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	0 lbs	0 lbs	700 lbs	0 lbs	0 lbs	0 lbs
2	HRoll	0 lbs	0 lbs	700 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2'-0-0	12'-3-6

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	-484 lbs	-484 lbs	1-5	0.43	484 lbs	0 lbs	1-3	0.12	-721 lbs	-721 lbs
6-8	0.37	-847 lbs	-847 lbs	5-7	0.43	847 lbs	0 lbs	5-6	0.13	-798 lbs	-798 lbs
8-10	0.27	-1060 lbs	-1060 lbs	7-9	0.24	1060 lbs	0 lbs	7-8	0.08	-496 lbs	-496 lbs
10-12	0.26	-1132 lbs	-1132 lbs	9-11	0.18	1132 lbs	0 lbs	9-10	0.05	-294 lbs	-294 lbs
12-14	0.26	-1132 lbs	-1132 lbs	11-13	0.18	1132 lbs	0 lbs	11-12	0.03	-176 lbs	-176 lbs
14-16	0.27	-1060 lbs	-1060 lbs	13-15	0.24	1060 lbs	0 lbs	13-14	0.05	-294 lbs	-294 lbs
16-18	0.37	-847 lbs	-847 lbs	15-17	0.43	847 lbs	0 lbs	15-16	0.08	-496 lbs	-496 lbs
4-18	0.52	-484 lbs	-484 lbs	2-17	0.43	484 lbs	0 lbs	17-18	0.13	-798 lbs	-798 lbs
								2-4	0.12	-720 lbs	-720 lbs
								3-5	0.09	900 lbs	0 lbs
								6-7	0.06	654 lbs	0 lbs
								8-9	0.04	383 lbs	0 lbs
								10-11	0.01	130 lbs	0 lbs
								11-14	0.01	129 lbs	0 lbs
								13-16	0.04	383 lbs	0 lbs
								15-18	0.06	654 lbs	0 lbs
								4-17	0.09	900 lbs	0 lbs

The diagram illustrates the internal structure of a bridge deck, likely a cantilever beam or girder, divided into several bays by vertical stiffeners. The top and bottom flanges are represented by horizontal lines, while the web consists of diagonal and vertical members.

- Nodes:** Numbered circles indicate specific points along the structure. Top nodes are labeled 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30. Bottom nodes are labeled 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31.
- Members:** Various lines represent structural members. Some are solid black, others are dashed blue, and some are double-lined purple. Diagonal members connect top and bottom nodes between stiffeners.
- Labels:**
 - Top edge labels: 1-10-15, 1-11-4, 0-1-8, 1-1-15, 1-8-0, 1-0-0, 1-7-8, 1-3-0, 1-1-8, C-3-0, 0-2-0.
 - Bottom edge labels: 1-10-15, 3-10-2, 3-11-10, 5-1-10, 6-9-10, 7-9-10, 9-5-2, 10-8-2, 11-9-10, 12-13-7, 12-13-7.
 - Internal member labels: 7, 21, 123, 11, 13, 15, 17, 19, 18, 298, 27, 28, 5, 306, 22, 24, 25, 26, 12, 14, 16, 20.
- Dimensions:** Vertical dimension lines on both ends indicate a height of 2-0-0. Horizontal dimension lines above and below the structure provide bay lengths.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC: 0.99 (15 - 17)	TL(V): 0.04 in.	L / 999		L / 240
BC: 0.98 (20 - 4)	LL(V): 0.02 in.	L / 999	(1-9)	L / 360
Web: 0.75 (3 - 25)	DL(V): 0.01 in.	L / 999	(1-9)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		0	
	Web:			
	Snow/Wind 0 in.	L / 999		L / 0
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	680 lbs	0 lbs	0 lbs	0 lbs
6	HRoll		0 lbs	-910 lbs	-910 lbs	0 lbs	0 lbs
30	HRoll		0 lbs	1630 lbs	0 lbs	0 lbs	0 lbs

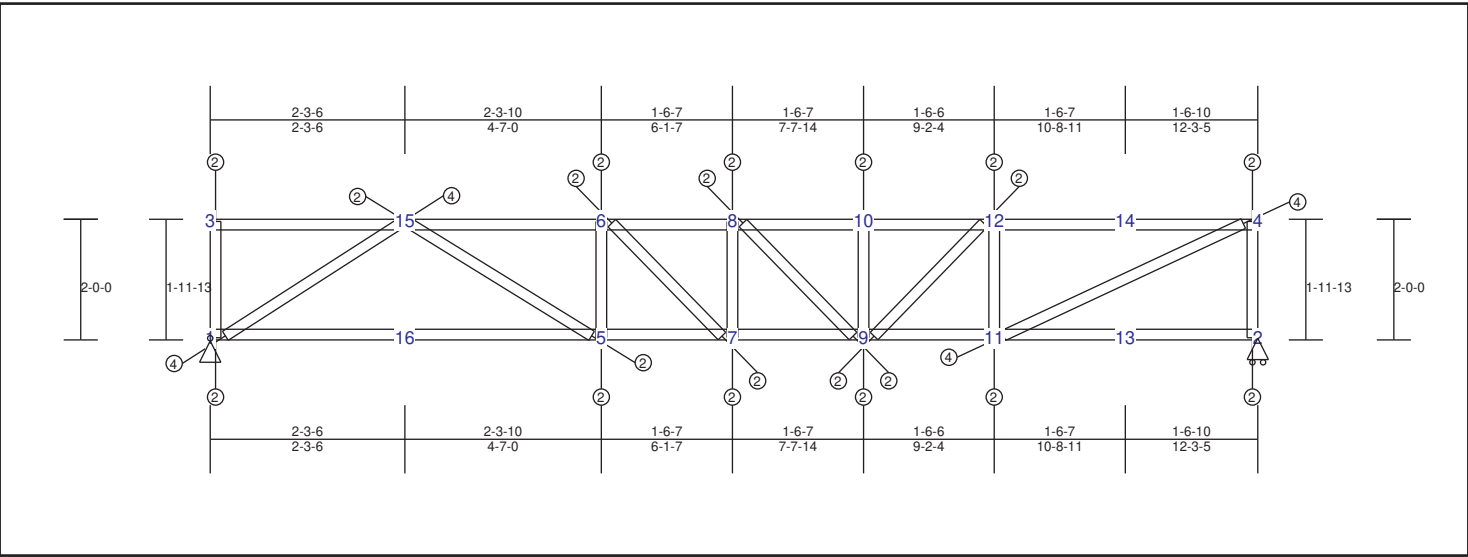
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
2-1-0	12-3-7

Member Forces Summary

Top Chord				Bot Chord				Web			
7-21	0.30	-553 lbs	-553 lbs	1-9	0.45	952 lbs	0 lbs	1-7	0.01	-66 lbs	-66 lbs
10-21	0.39	-952 lbs	-952 lbs	9-24	0.23	952 lbs	0 lbs	9-10	0.13	-813 lbs	-813 lbs
10-23	0.39	-952 lbs	-952 lbs	2-24	0.36	952 lbs	-41 lbs	2-26	0.45	423 lbs	-67 lbs
11-23	0.44	-1631 lbs	-1631 lbs	3-12	0.27	1631 lbs	0 lbs	3-26	0.00	0 lbs	0 lbs
11-13	0.41	-1631 lbs	-1631 lbs	12-14	0.24	1590 lbs	0 lbs	3-25	0.75	430 lbs	0 lbs
13-15	0.55	-1590 lbs	-1590 lbs	14-16	0.73	1590 lbs	0 lbs	11-25	0.32	430 lbs	-233 lbs
15-17	0.99	-1590 lbs	-1590 lbs	16-20	0.73	872 lbs	0 lbs	12-13	0.00	6 lbs	0 lbs
17-19	0.78	-872 lbs	-872 lbs	4-20	0.98	872 lbs	0 lbs	14-15	0.07	-442 lbs	-442 lbs
18-19	0.78	-872 lbs	-872 lbs	5-30	0.59	108 lbs	0 lbs	16-17	0.06	-379 lbs	-379 lbs
18-29	0.48	-51 lbs	-51 lbs	6-30	0.52	0 lbs	0 lbs	5-28	0.26	-728 lbs	-728 lbs
8-29	0.01	0 lbs	0 lbs					4-28	0.00	0 lbs	0 lbs
								4-27	0.26	-1000 lbs	-1000 lbs
								18-27	0.27	-1186 lbs	-1186 lbs
								6-8	0.00	16 lbs	0 lbs
								19-20	0.10	-621 lbs	-621 lbs
								23-25	0.09	940 lbs	0 lbs
								24-26	0.11	1107 lbs	0 lbs
								27-29	0.02	192 lbs	0 lbs
								28-30	0.03	-224 lbs	-224 lbs
								11-12	0.01	-54 lbs	-54 lbs
								14-17	0.10	963 lbs	0 lbs
								18-20	0.14	1407 lbs	0 lbs
								1-21	0.15	-842 lbs	-842 lbs
								9-21	0.06	590 lbs	0 lbs

TRUSS FT12 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (12 - 4)	TL(V): 0.05 in.	L / 999	L / 240
BC : 0.45 (1 - 5)	LL(V): 0.04 in.	L / 999	L / 360
Web : 0.17 (1 - 15)	DL(V): 0.02 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	700 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	700 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	Material
Bot Chd	350S150-43(50)	Sheathing	Material
Web	350S150-43(50)	Unbraced	Material

Truss Dimensions

Max Height	Max Width
2'-0"-2	12'-3"-5

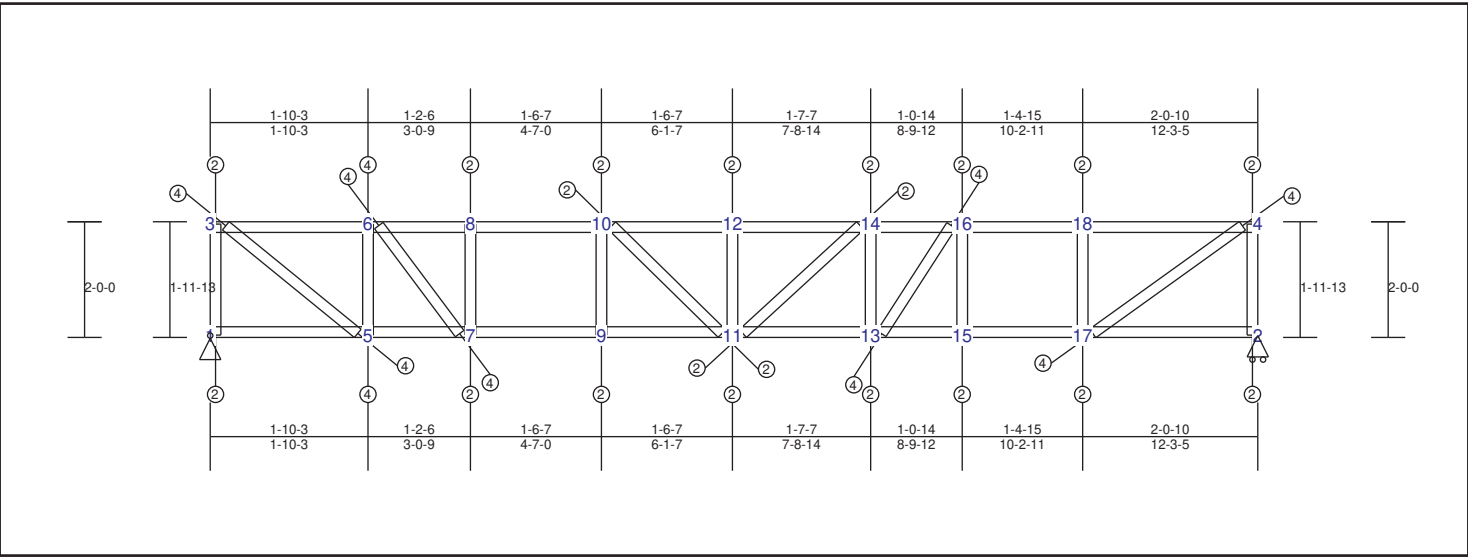
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-15	0.37	-678 lbs	-678 lbs	1-5	0.45	1077 lbs	0 lbs	1-3	0.01	-82 lbs	-82 lbs
6-15	0.33	-1077 lbs	-1077 lbs	5-7	0.15	1129 lbs	0 lbs	5-6	0.05	-319 lbs	-319 lbs
6-8	0.32	-1129 lbs	-1129 lbs	7-9	0.15	1129 lbs	0 lbs	7-8	0.01	-63 lbs	-63 lbs
8-10	0.24	-1129 lbs	-1129 lbs	9-11	0.37	1059 lbs	0 lbs	9-10	0.02	-102 lbs	-102 lbs
10-12	0.54	-1059 lbs	-1059 lbs	2-11	0.37	873 lbs	0 lbs	11-12	0.11	-647 lbs	-647 lbs
4-12	0.64	-873 lbs	-873 lbs					2-4	0.11	-694 lbs	-694 lbs
								6-7	0.01	92 lbs	0 lbs
								9-12	0.03	336 lbs	0 lbs
								1-15	0.17	-928 lbs	-928 lbs
								5-15	0.05	537 lbs	0 lbs
								8-9	0.02	-125 lbs	-125 lbs
								4-11	0.10	1055 lbs	0 lbs

TRUSS FT13 (spacing 24 in)



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

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.99 (14 - 16)	TL(V): 0.01 in.	L / 999	L / 240
BC : 0.74 (5 - 7)	LL(V): -0.01 in.	L / 999	L / 360
Web : 0.15 (5 - 6)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	700 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	700 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-1	12-3-5

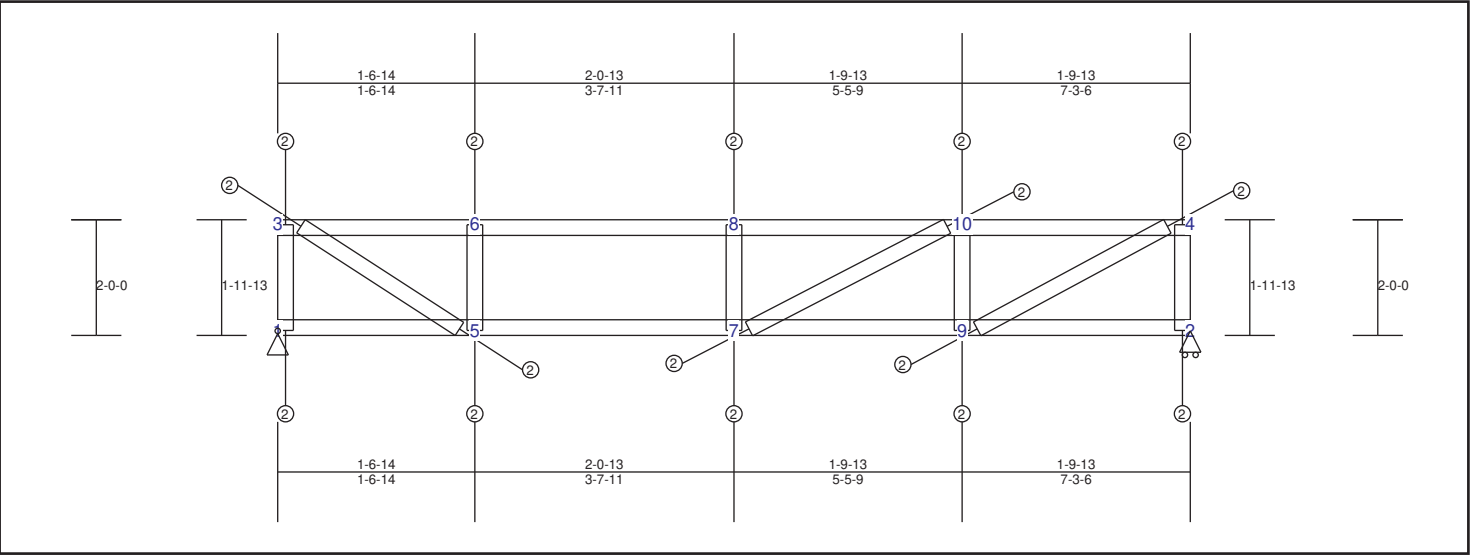
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.50	-557 lbs	-557 lbs	1-5	0.48	557 lbs	0 lbs	1-3	0.11	-696 lbs	-696 lbs
6-8	0.60	-953 lbs	-953 lbs	5-7	0.74	953 lbs	0 lbs	5-6	0.15	-920 lbs	-920 lbs
8-10	0.60	-953 lbs	-953 lbs	7-9	0.53	953 lbs	0 lbs	7-8	0.07	-431 lbs	-431 lbs
10-12	0.63	-1148 lbs	-1148 lbs	9-11	0.53	1148 lbs	0 lbs	9-10	0.04	-221 lbs	-221 lbs
12-14	0.32	-1148 lbs	-1148 lbs	11-13	0.26	1148 lbs	0 lbs	11-12	0.05	-283 lbs	-283 lbs
14-16	0.99	-1061 lbs	-1061 lbs	13-15	0.70	1061 lbs	0 lbs	13-14	0.09	-527 lbs	-527 lbs
16-18	0.76	-752 lbs	-752 lbs	15-17	0.70	752 lbs	0 lbs	15-16	0.06	-374 lbs	-374 lbs
4-18	0.76	-752 lbs	-752 lbs	2-17	0.71	752 lbs	0 lbs	17-18	0.09	-569 lbs	-569 lbs
								2-4	0.13	-779 lbs	-779 lbs
								3-5	0.09	889 lbs	0 lbs
								6-7	0.09	898 lbs	0 lbs
								10-11	0.03	350 lbs	0 lbs
								11-14	0.01	150 lbs	0 lbs
								13-16	0.08	792 lbs	0 lbs
								4-17	0.11	1114 lbs	0 lbs

TRUSS FT14 (spacing 24 in)



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

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.45 (3 - 6)	TL(V): 0 in.	L / 999	L / 240
BC : 0.41 (1 - 5)	LL(V): 0 in.	L / 999	L / 360
Web : 0.08 (1 - 3)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.	0	0
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

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

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

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

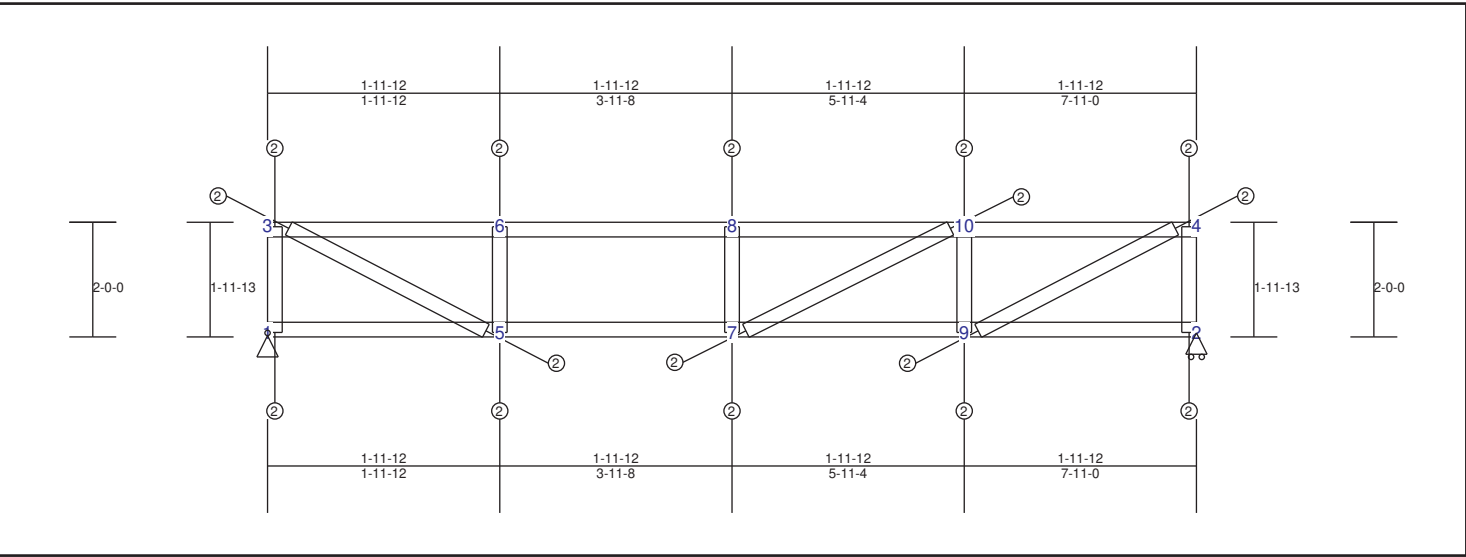
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.45 -340 lbs -340 lbs	1-5 0.41 340 lbs 0 lbs	1-3 0.08 -476 lbs -476 lbs
6-8 0.45 -340 lbs -340 lbs	5-7 0.24 340 lbs 0 lbs	5-6 0.07 -397 lbs -397 lbs
8-10 0.25 -340 lbs -340 lbs	7-9 0.24 340 lbs 0 lbs	7-8 0.01 -86 lbs -86 lbs
4-10 0.30 -312 lbs -312 lbs	2-9 0.21 312 lbs 0 lbs	9-10 0.06 -350 lbs -350 lbs
		2-4 0.07 -426 lbs -426 lbs
		3-5 0.06 620 lbs 0 lbs
		7-10 0.00 45 lbs 0 lbs
		4-9 0.05 504 lbs 0 lbs

TRUSS FT15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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	L / 240
BC : 0.36 (1 - 5)	LL(V): 0 in.	L / 999	L / 360
Web : 0.08 (1 - 3)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

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

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2'-0"-1	7'-11"-0

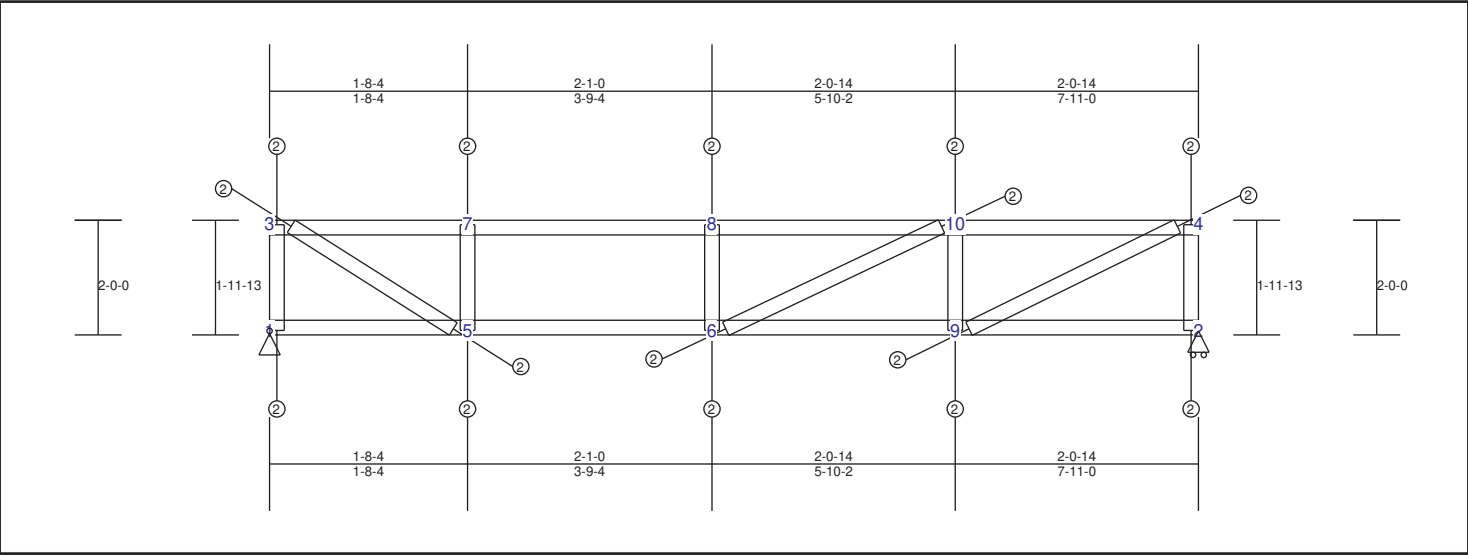
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.46 -417 lbs -417 lbs	1-5 0.36 417 lbs 0 lbs	1-3 0.08 -488 lbs -488 lbs
6-8 0.46 -417 lbs -417 lbs	5-7 0.23 417 lbs 0 lbs	5-6 0.06 -386 lbs -386 lbs
8-10 0.30 -417 lbs -417 lbs	7-9 0.23 417 lbs 0 lbs	7-8 0.01 -90 lbs -90 lbs
4-10 0.33 -370 lbs -370 lbs	2-9 0.22 370 lbs 0 lbs	9-10 0.06 -385 lbs -385 lbs
		2-4 0.08 -461 lbs -461 lbs
		3-5 0.06 634 lbs 0 lbs
		7-10 0.01 71 lbs 0 lbs
		4-9 0.06 561 lbs 0 lbs

TRUSS FT16 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (7 - 8)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.50 (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: -0.02 in.		4	
	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 AISI 2016.
2)This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
3)Wind Criteria: None
4)Snow Criteria: None
5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table	P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
	1	Pin	0 lbs	800 lbs	0 lbs	0 lbs	0 lbs	0 lbs
	2	HRoll	0 lbs	500 lbs	0 lbs	0 lbs	0 lbs	0 lbs

Materials	Type	Material	Bracing	Section	Material	Bracing
	Top Chd	350S150-43(50)	Sheathing			
	Bot Chd	350S150-43(50)	Sheathing			
	Web	350S150-43(50)	Unbraced			

Truss Dimensions	Max Height	Max Width
	2-0-1	7-11-0

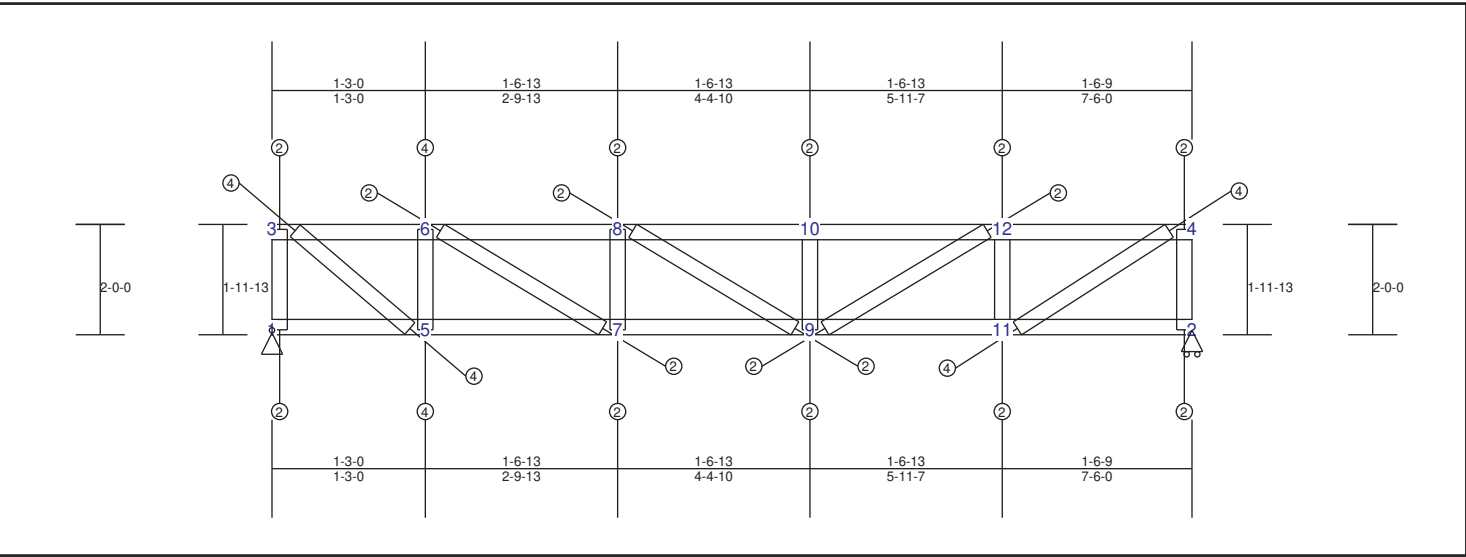
Material Design Pass
Design has been reduced by the number of trusses.
Reactions are for full multi-ply truss.

Point Loads	Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
	WB6-8	0-0-0	0-0-0	Concentrated	Dead	Down	Global	240 lbs	240 lbs	0 in.
	WB5-7	0-0-0	0-0-0	Concentrated	Dead	Down	Global	120 lbs	120 lbs	0 in.
	WB6-8	0-0-0	0-0-0	Concentrated	Live	Down	Global	480 lbs	480 lbs	0 in.
	WB5-7	0-0-0	0-0-0	Concentrated	Live	Down	Global	320 lbs	320 lbs	0 in.

Member Forces Summary	Table Columns:	Member Id,	CSI,	Max Axial Force,	Max Comp. Force
	Top Chord			Bot Chord	
	3-7	0.41	-418 lbs	1-5	0.50 418 lbs
	7-8	0.42	-418 lbs	5-6	0.36 418 lbs
	8-10	0.42	-418 lbs	6-9	0.36 418 lbs
	4-10	0.19	-277 lbs	2-9	0.17 277 lbs

Web			
1-3	0.08	-475 lbs	-475 lbs
5-7	0.04	-218 lbs	-218 lbs
9-10	0.04	-255 lbs	-255 lbs
2-4	0.04	-267 lbs	-267 lbs
6-8	0.01	127 lbs	-16 lbs
3-5	0.07	717 lbs	0 lbs
6-10	0.02	204 lbs	0 lbs
4-9	0.04	408 lbs	0 lbs

TRUSS FT17 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 6)	TL(V): 0 in.	L / 999	L / 240
BC : 0.42 (1 - 5)	LL(V): 0 in.	L / 999	L / 360
Web : 0.13 (5 - 6)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary
- 1)This Truss has been designed in accordance with AISI 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 = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	690 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	690 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

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

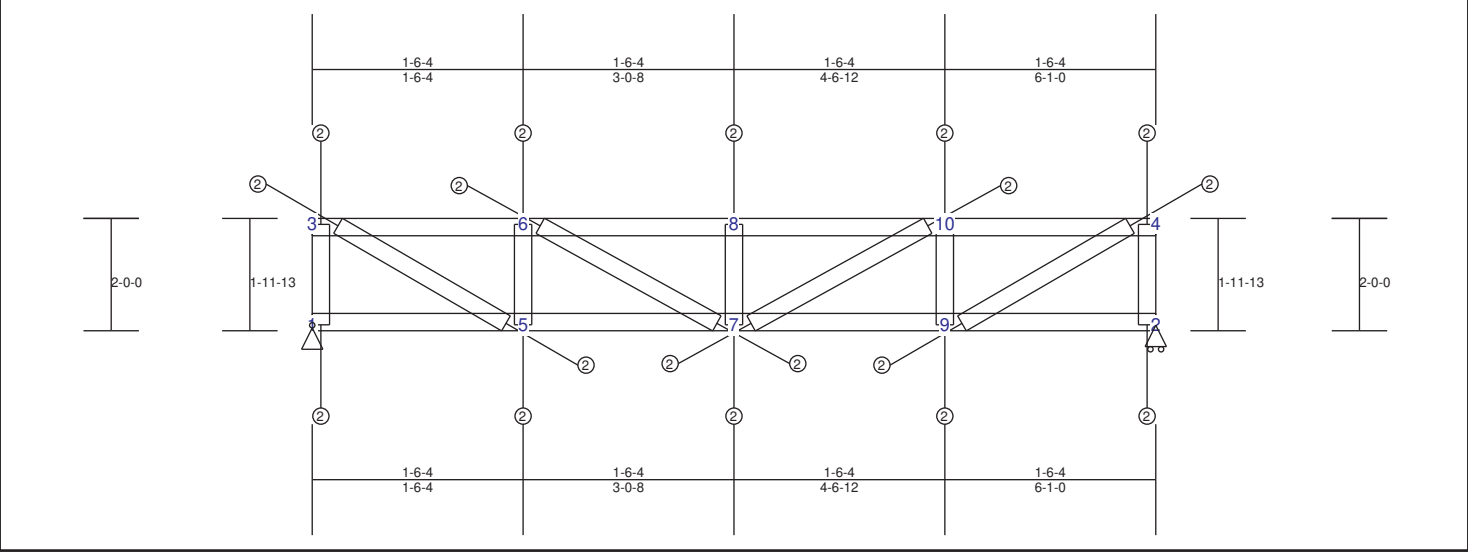
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.52 -372 lbs -372 lbs	1-5 0.42 372 lbs 0 lbs	1-3 0.12 -724 lbs -724 lbs
6-8 0.35 -647 lbs -647 lbs	5-7 0.42 647 lbs 0 lbs	5-6 0.13 -784 lbs -784 lbs
8-10 0.23 -669 lbs -669 lbs	7-9 0.16 669 lbs 0 lbs	7-8 0.05 -330 lbs -330 lbs
10-12 0.34 -669 lbs -669 lbs	9-11 0.39 669 lbs 0 lbs	9-10 0.05 -282 lbs -282 lbs
4-12 0.51 -445 lbs -445 lbs	2-11 0.39 445 lbs 0 lbs	11-12 0.12 -716 lbs -716 lbs
		2-4 0.12 -709 lbs -709 lbs
		3-5 0.08 853 lbs 0 lbs
		6-7 0.05 486 lbs 0 lbs
		8-9 0.00 38 lbs 0 lbs
		9-12 0.04 395 lbs 0 lbs
		4-11 0.08 823 lbs 0 lbs

TRUSS FT18 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 6)	TL(V): 0 in.	L / 999	L / 240
BC : 0.09 (1 - 5)	LL(V): 0 in.	L / 999	L / 360
Web : 0.03 (1 - 3)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	170 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	170 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-0	6-1-0

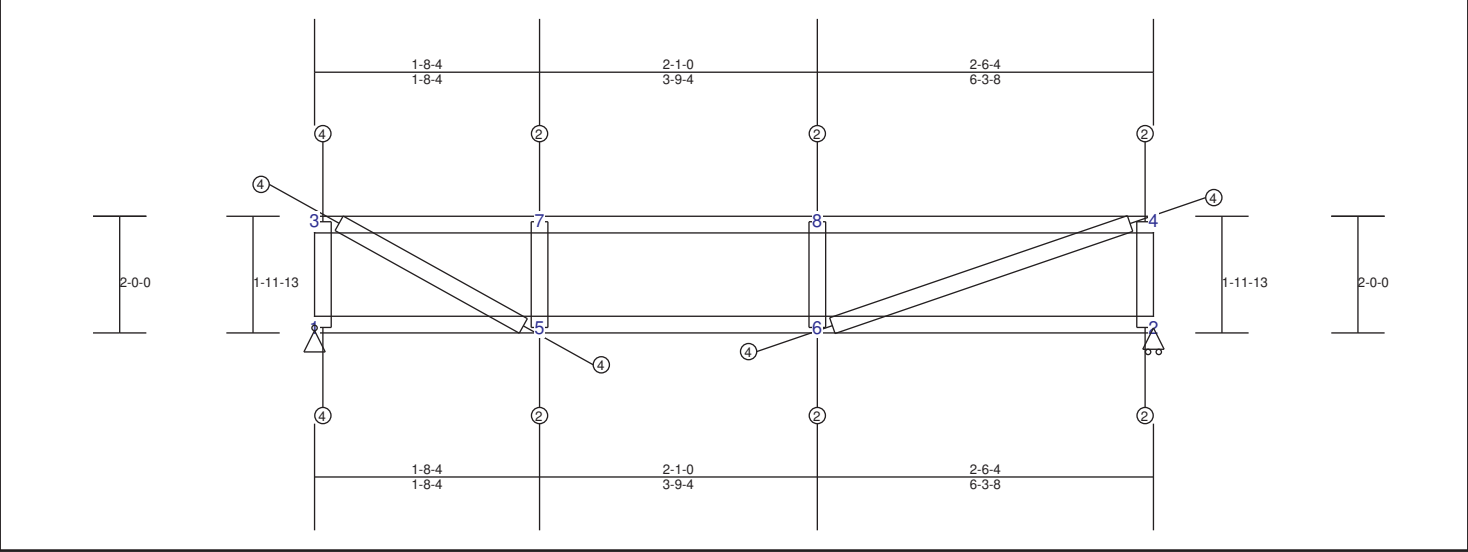
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.12 -103 lbs -103 lbs	1-5 0.09 103 lbs 0 lbs	1-3 0.03 -175 lbs -175 lbs
6-8 0.08 -139 lbs -139 lbs	5-7 0.09 139 lbs 0 lbs	5-6 0.03 -167 lbs -167 lbs
8-10 0.08 -139 lbs -139 lbs	7-9 0.09 139 lbs 0 lbs	7-8 0.01 -80 lbs -80 lbs
4-10 0.12 -103 lbs -103 lbs	2-9 0.09 103 lbs 0 lbs	9-10 0.03 -167 lbs -167 lbs
		2-4 0.03 -175 lbs -175 lbs
		3-5 0.02 193 lbs 0 lbs
		6-7 0.01 66 lbs 0 lbs
		7-10 0.01 66 lbs 0 lbs
		4-9 0.02 193 lbs 0 lbs

TRUSS FT19 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 7)	TL(V): 0.04 in.	L / 999 (8-4)	L / 240
BC : 0.75 (1 - 5)	LL(V): 0.02 in.	L / 999 (8-4)	L / 360
Web : 0.14 (1 - 3)	DL(V): 0.02 in.	L / 999 (8-4)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 4	2L / 0
	Horiz TL: -0.02 in.		
	Web :		
	Snow/Wind 0 in.	L / 999 0	L / 0
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	720 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	650 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-0-2	6-3-8

Material Design Pass

Point Loads

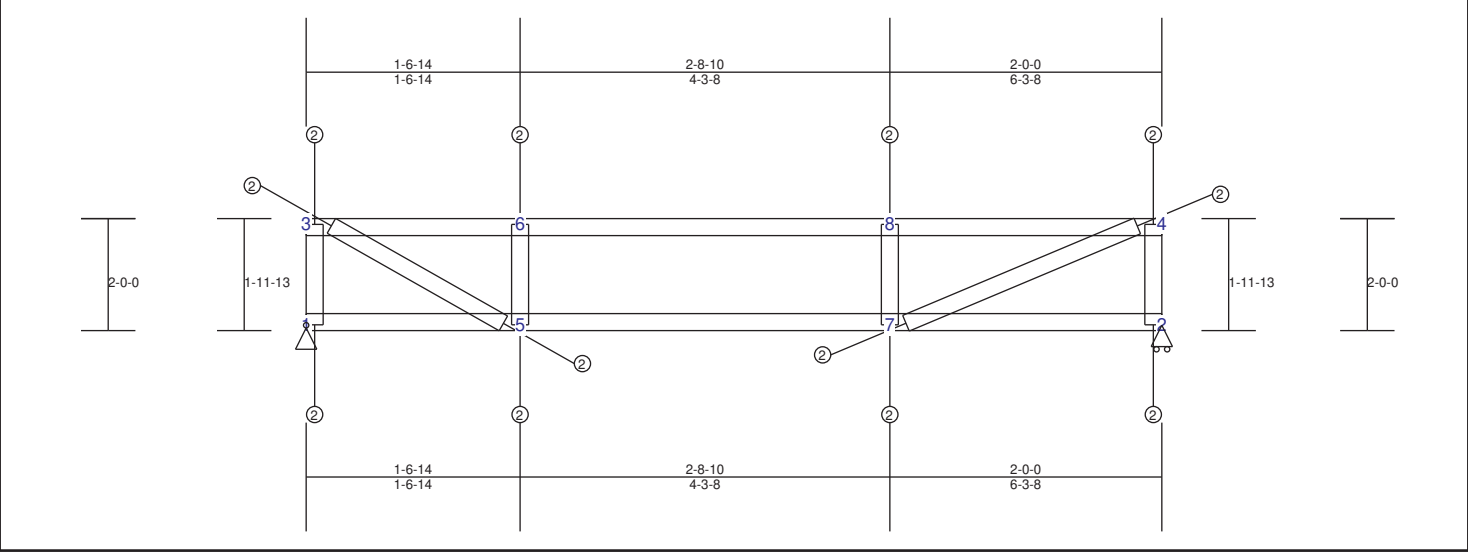
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB6-8	0-0-0	0-0-0	Concentrated	Dead	Down	Global	240 lbs	240 lbs	0 in.
WB5-7	0-0-0	0-0-0	Concentrated	Dead	Down	Global	120 lbs	120 lbs	0 in.
WB6-8	0-0-0	0-0-0	Concentrated	Live	Down	Global	480 lbs	480 lbs	0 in.
WB5-7	0-0-0	0-0-0	Concentrated	Live	Down	Global	320 lbs	320 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-7 0.61 -698 lbs -698 lbs	1-5 0.75 698 lbs 0 lbs	1-3 0.14 -831 lbs -831 lbs
7-8 0.55 -698 lbs -698 lbs	5-6 0.60 698 lbs 0 lbs	5-7 0.06 -380 lbs -380 lbs
4-8 0.52 -698 lbs -698 lbs	2-6 0.60 698 lbs 0 lbs	6-8 0.04 -223 lbs -223 lbs
		2-4 0.10 -629 lbs -629 lbs
		3-5 0.12 1196 lbs 0 lbs
		4-6 0.09 919 lbs 0 lbs

TRUSS FT20 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 6)	TL(V): 0 in.	L / 999	L / 240
BC : 0.25 (1 - 5)	LL(V): 0 in.	L / 999	L / 360
Web : 0.06 (1 - 3)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

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

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-1	6-3-8

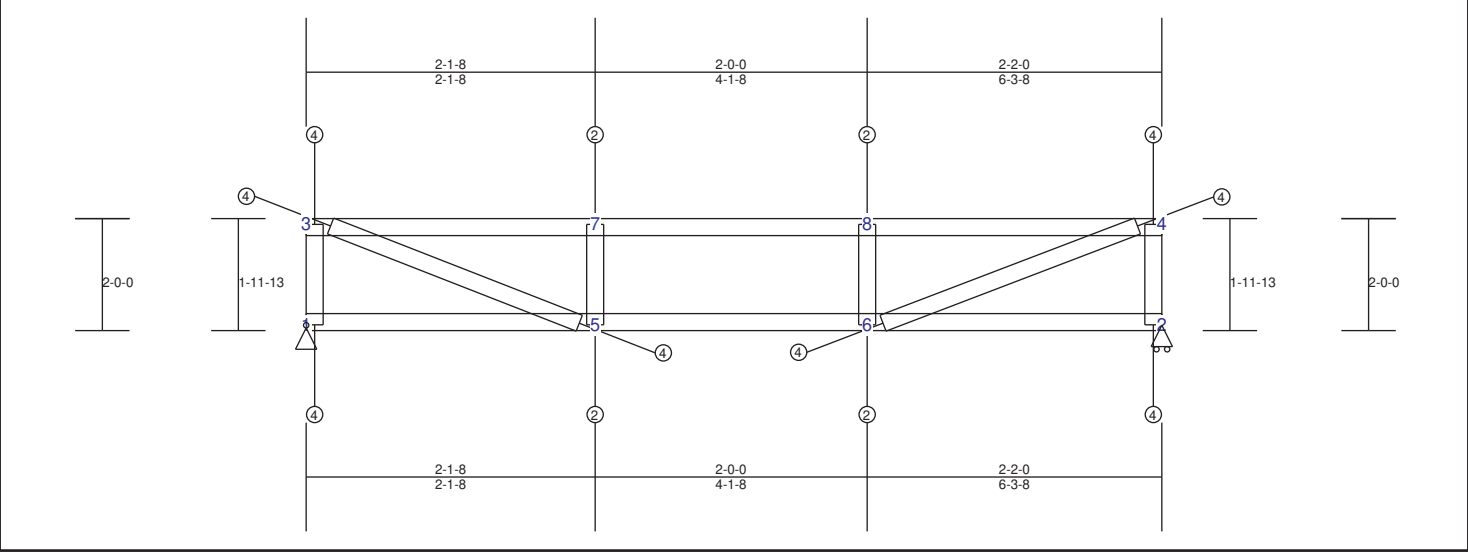
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.31 -259 lbs -259 lbs	1-5 0.25 259 lbs 0 lbs	1-3 0.06 -389 lbs -389 lbs
6-8 0.31 -259 lbs -259 lbs	5-7 0.18 259 lbs 0 lbs	5-6 0.05 -333 lbs -333 lbs
4-8 0.27 -259 lbs -259 lbs	2-7 0.18 259 lbs 0 lbs	7-8 0.05 -290 lbs -290 lbs
		2-4 0.06 -353 lbs -353 lbs
		3-5 0.05 471 lbs 0 lbs
		4-7 0.04 390 lbs 0 lbs

TRUSS FT21 (spacing 24 in)



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

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.66 (3 - 7)	TL(V): 0.01 in.	L / 999 (5-6)	L / 240
BC : 0.50 (5 - 6)	LL(V): 0.01 in.	L / 999 (5-6)	L / 360
Web : 0.15 (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.	3	
	Web :		
	Snow/Wind 0 in.	L / 999 0	L / 0
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 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

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	870 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	860 lbs	0 lbs	0 lbs	0 lbs

Materials	Material Exceptions
Type	Section
Top Chd	350S150-43(50)
Bot Chd	350S150-43(50)
Web	350S150-43(50)

Bracing	Material	Bracing
Sheathing		
Sheathing		
Unbraced		

Truss Dimensions

Max Height	Max Width
2-0-1	6-3-8

Material Design Pass

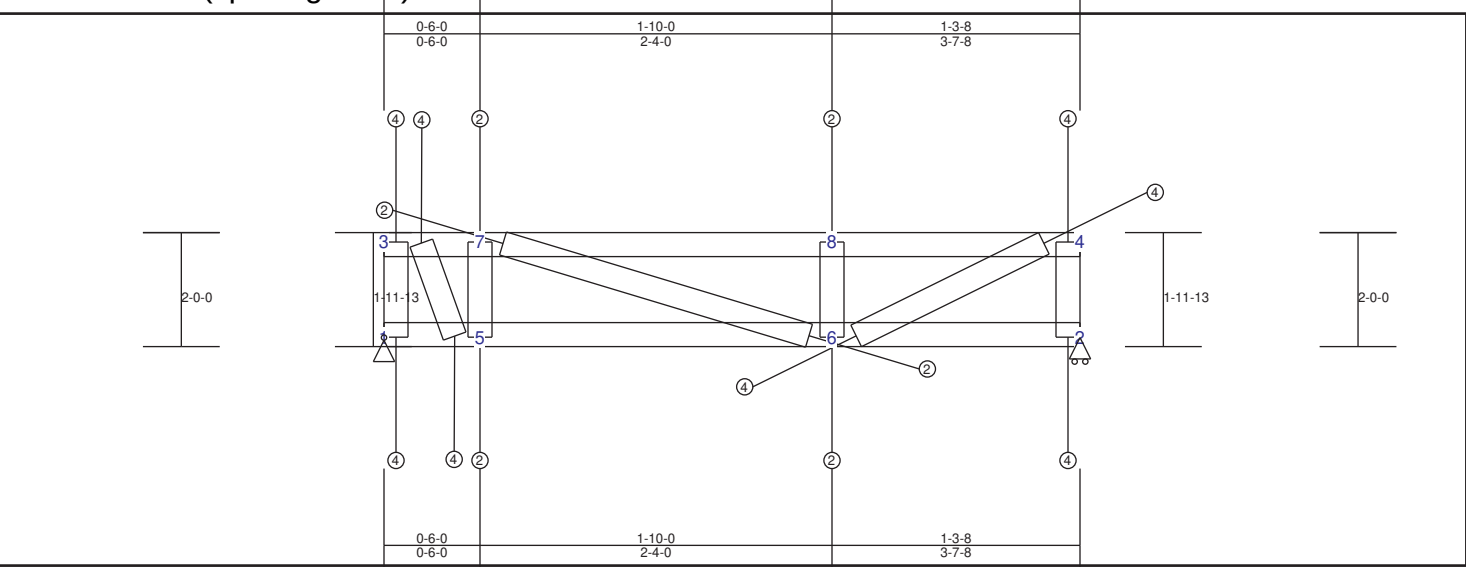
Point Loads	Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB5-7	0-0-0	0-0-0	0-0-0	Concentrated	Dead	Down	Global	225 lbs	225 lbs	0 in.
WB6-8	0-0-0	0-0-0	0-0-0	Concentrated	Dead	Down	Global	225 lbs	225 lbs	0 in.
WB5-7	0-0-0	0-0-0	0-0-0	Concentrated	Live	Down	Global	600 lbs	600 lbs	0 in.
WB6-8	0-0-0	0-0-0	0-0-0	Concentrated	Live	Down	Global	600 lbs	600 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-7 0.66 -928 lbs -928 lbs	1-5 0.50 928 lbs 0 lbs	1-3 0.15 -910 lbs -910 lbs
7-8 0.22 -928 lbs -928 lbs	5-6 0.50 928 lbs 0 lbs	5-7 0.02 -132 lbs -132 lbs
4-8 0.65 -928 lbs -928 lbs	2-6 0.50 928 lbs 0 lbs	6-8 0.02 -128 lbs -128 lbs
		2-4 0.15 -894 lbs -894 lbs
		3-5 0.13 1345 lbs 0 lbs
		4-6 0.13 1329 lbs 0 lbs

TRUSS FT22 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 7)	TL(V): 0 in.	L / 999	3	L / 240
BC :	0.69 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.17 (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		L / 0
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3) Wind Criteria: None
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	840 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	780 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-0	3-7-8

Material Design Pass

Point Loads

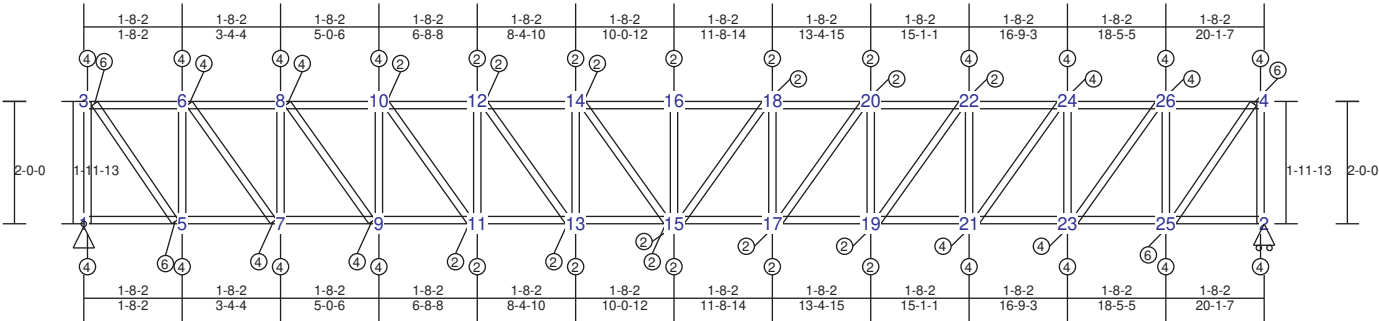
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB5-7	0-0-0	0-0-0	Concentrated	Dead	Down	Global	138 lbs	138 lbs	0 in.
WB6-8	0-0-0	0-0-0	Concentrated	Dead	Down	Global	288 lbs	288 lbs	0 in.
WB5-7	0-0-0	0-0-0	Concentrated	Live	Down	Global	368 lbs	368 lbs	0 in.
WB6-8	0-0-0	0-0-0	Concentrated	Live	Down	Global	768 lbs	768 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.73	-122 lbs	-122 lbs	1-5	0.69	122 lbs	0 lbs	1-3	0.17	-1023 lbs	-1023 lbs
7-8	0.43	-488 lbs	-488 lbs	5-6	0.69	488 lbs	0 lbs	5-7	0.12	-719 lbs	-719 lbs
4-8	0.61	-488 lbs	-488 lbs	2-6	0.51	488 lbs	0 lbs	6-8	0.04	-240 lbs	-240 lbs
								2-4	0.14	-830 lbs	-830 lbs
								3-5	0.14	1361 lbs	0 lbs
								6-7	0.06	574 lbs	0 lbs
								4-6	0.11	1079 lbs	0 lbs

TRUSS FT23 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (26 - 4)	TL(V): 0 in.	L / 999		L / 240
BC : 0.72 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.22 (25 - 26)	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 AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	1140 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	1140 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2'-0-0	20'-1-7

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.86	-909 lbs	-909 lbs	1-5	0.72	909 lbs	0 lbs	1-3	0.19	-1183 lbs	-1183 lbs
6-8	0.64	-1686 lbs	-1686 lbs	5-7	0.72	1686 lbs	0 lbs	5-6	0.22	-1343 lbs	-1343 lbs
8-10	0.56	-2281 lbs	-2281 lbs	7-9	0.49	2281 lbs	0 lbs	7-8	0.16	-986 lbs	-986 lbs
10-12	0.58	-2710 lbs	-2710 lbs	9-11	0.44	2710 lbs	0 lbs	9-10	0.13	-782 lbs	-782 lbs
12-14	0.58	-2966 lbs	-2966 lbs	11-13	0.42	2966 lbs	0 lbs	11-12	0.09	-548 lbs	-548 lbs
14-16	0.58	-3052 lbs	-3052 lbs	13-15	0.39	3052 lbs	0 lbs	13-14	0.05	-314 lbs	-314 lbs
16-18	0.58	-3052 lbs	-3052 lbs	15-17	0.39	3052 lbs	0 lbs	15-16	0.03	-192 lbs	-192 lbs
18-20	0.58	-2966 lbs	-2966 lbs	17-19	0.42	2966 lbs	0 lbs	17-18	0.05	-314 lbs	-314 lbs
20-22	0.58	-2710 lbs	-2710 lbs	19-21	0.44	2710 lbs	0 lbs	19-20	0.09	-548 lbs	-548 lbs
22-24	0.56	-2281 lbs	-2281 lbs	21-23	0.49	2281 lbs	0 lbs	21-22	0.13	-782 lbs	-782 lbs
24-26	0.64	-1685 lbs	-1685 lbs	23-25	0.72	1685 lbs	0 lbs	23-24	0.16	-986 lbs	-986 lbs
4-26	0.86	-909 lbs	-909 lbs	2-25	0.72	909 lbs	0 lbs	25-26	0.22	-1343 lbs	-1343 lbs
								2-4	0.19	-1183 lbs	-1183 lbs
								3-5	0.16	1566 lbs	0 lbs
								6-7	0.13	1300 lbs	0 lbs
								8-9	0.10	997 lbs	0 lbs
								10-11	0.07	718 lbs	0 lbs
								12-13	0.04	429 lbs	0 lbs
								14-15	0.01	143 lbs	0 lbs
								15-18	0.01	143 lbs	0 lbs
								17-20	0.04	429 lbs	0 lbs
								19-22	0.07	718 lbs	0 lbs
								21-24	0.10	997 lbs	0 lbs
								23-26	0.13	1300 lbs	0 lbs
								4-25	0.16	1566 lbs	0 lbs

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC : 0.87 (26 - 4)	TL(V): 0 in.	L / 999		L / 240
BC : 0.73 (23 - 25)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.22 (25 - 26)	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

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
- 3) Wind Criteria: None
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed $L_y = 12$ inches is used

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	1160 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	1160 lbs	0 lbs	0 lbs	0 lbs

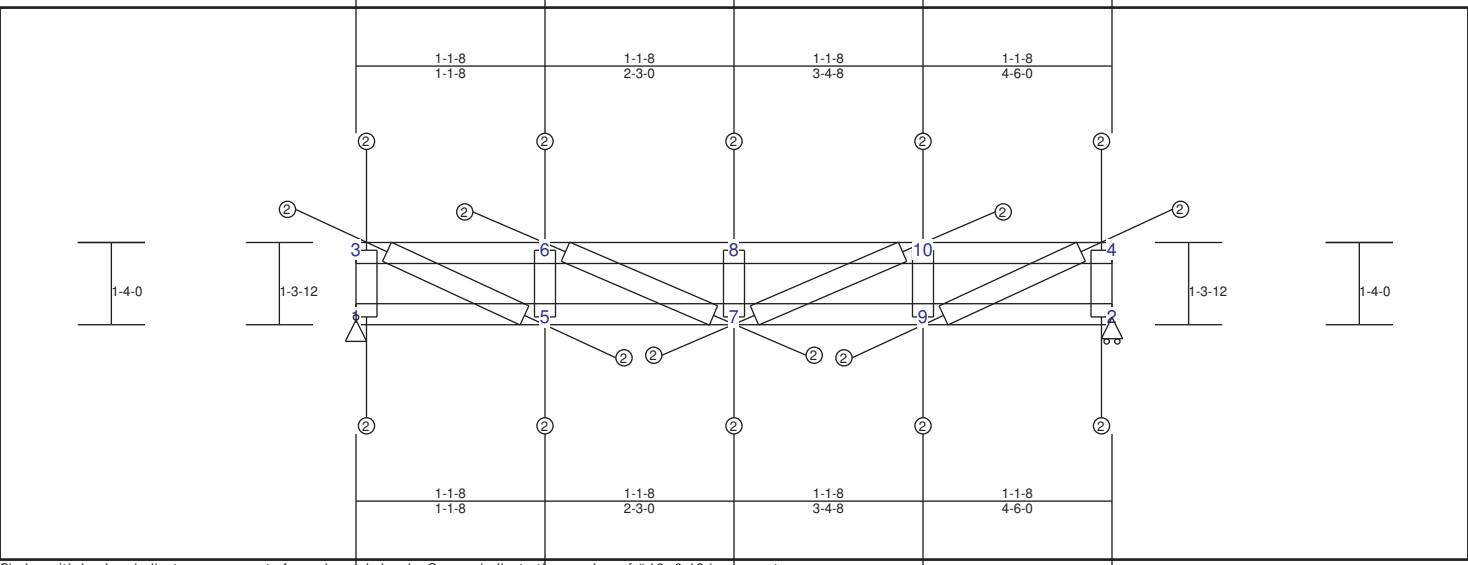
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
2-0-0	20-5-4

Member Forces Summary

Top Chord				Bot Chord				Web			
3-6	0.87	-938 lbs	-938 lbs	1-5	0.73	938 lbs	0 lbs	1-3	0.20	-1201 lbs	-1201 lbs
6-8	0.65	-1740 lbs	-1740 lbs	5-7	0.73	1740 lbs	0 lbs	5-6	0.22	-1359 lbs	-1359 lbs
8-10	0.57	-2355 lbs	-2355 lbs	7-9	0.49	2355 lbs	0 lbs	7-8	0.16	-998 lbs	-998 lbs
10-12	0.60	-2797 lbs	-2797 lbs	9-11	0.45	2797 lbs	0 lbs	9-10	0.13	-792 lbs	-792 lbs
12-14	0.60	-3061 lbs	-3061 lbs	11-13	0.43	3061 lbs	0 lbs	11-12	0.09	-555 lbs	-555 lbs
14-16	0.60	-3149 lbs	-3149 lbs	13-15	0.40	3149 lbs	0 lbs	13-14	0.05	-318 lbs	-318 lbs
16-18	0.60	-3149 lbs	-3149 lbs	15-17	0.40	3149 lbs	0 lbs	15-16	0.03	-195 lbs	-195 lbs
18-20	0.60	-3061 lbs	-3061 lbs	17-19	0.43	3061 lbs	0 lbs	17-18	0.05	-318 lbs	-318 lbs
20-22	0.60	-2797 lbs	-2797 lbs	19-21	0.45	2797 lbs	0 lbs	19-20	0.09	-555 lbs	-555 lbs
22-24	0.57	-2354 lbs	-2354 lbs	21-23	0.49	2354 lbs	0 lbs	21-22	0.13	-792 lbs	-792 lbs
24-26	0.65	-1740 lbs	-1740 lbs	23-25	0.73	1740 lbs	0 lbs	23-24	0.16	-999 lbs	-999 lbs
4-26	0.87	-938 lbs	-938 lbs	2-25	0.73	938 lbs	0 lbs	25-26	0.22	-1359 lbs	-1359 lbs
								2-4	0.20	-1201 lbs	-1201 lbs
								3-5	0.16	1597 lbs	0 lbs
								6-7	0.13	1325 lbs	0 lbs
								8-9	0.10	1016 lbs	0 lbs
								10-11	0.07	732 lbs	0 lbs
								12-13	0.04	437 lbs	0 lbs
								14-15	0.01	145 lbs	0 lbs
								15-18	0.01	146 lbs	0 lbs
								17-20	0.04	437 lbs	0 lbs
								19-22	0.07	732 lbs	0 lbs
								21-24	0.10	1017 lbs	0 lbs
								23-26	0.13	1325 lbs	0 lbs
								4-25	0.16	1596 lbs	0 lbs

TRUSS FT25 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 6)	TL(V): 0 in.	L / 999	L / 240
BC : 0.14 (7 - 9)	LL(V): 0 in.	L / 999	L / 360
Web : 0.04 (5 - 6)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: 0 in.		
	Web :		
	Snow/Wind 0 in.	L / 999	L / 0
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 40.00 psf, TC Dead = 15.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 0.00 psf
 - 3)Wind Criteria: None
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

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

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-4-0	4-6-0

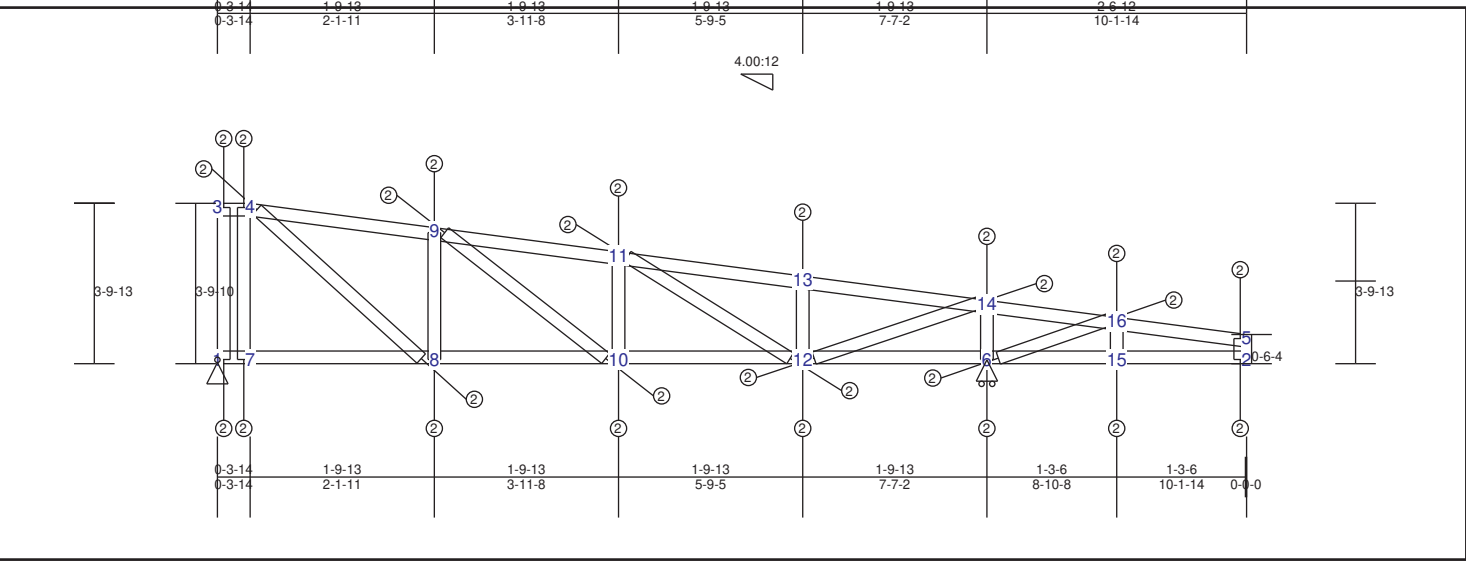
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.18 -167 lbs -167 lbs	1-5 0.14 167 lbs 0 lbs	1-3 0.04 -261 lbs -261 lbs
6-8 0.10 -231 lbs -231 lbs	5-7 0.14 231 lbs 0 lbs	5-6 0.04 -265 lbs -265 lbs
8-10 0.10 -231 lbs -231 lbs	7-9 0.14 231 lbs 0 lbs	7-8 0.02 -124 lbs -124 lbs
4-10 0.18 -167 lbs -167 lbs	2-9 0.14 167 lbs 0 lbs	9-10 0.04 -265 lbs -265 lbs
		2-4 0.04 -261 lbs -261 lbs
		3-5 0.03 306 lbs 0 lbs
		6-7 0.01 111 lbs 0 lbs
		7-10 0.01 111 lbs 0 lbs
		4-9 0.03 306 lbs 0 lbs

TRUSS CT1 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (14 - 16)	TL(V): 0 in.	L / 999	4	L / 240
BC : 0.49 (1 - 7)	LL(V): 0 in.	L / 999	4	L / 360
Web : 0.75 (1 - 3)	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: -0.01 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 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: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table							
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-400 lbs	360 lbs	0 lbs	-130 lbs	-400 lbs
6	HRoll		0 lbs	710 lbs	0 lbs	-150 lbs	0 lbs

Materials			
Type	Material	Bracing	Section
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
3-9-14	10-1-14

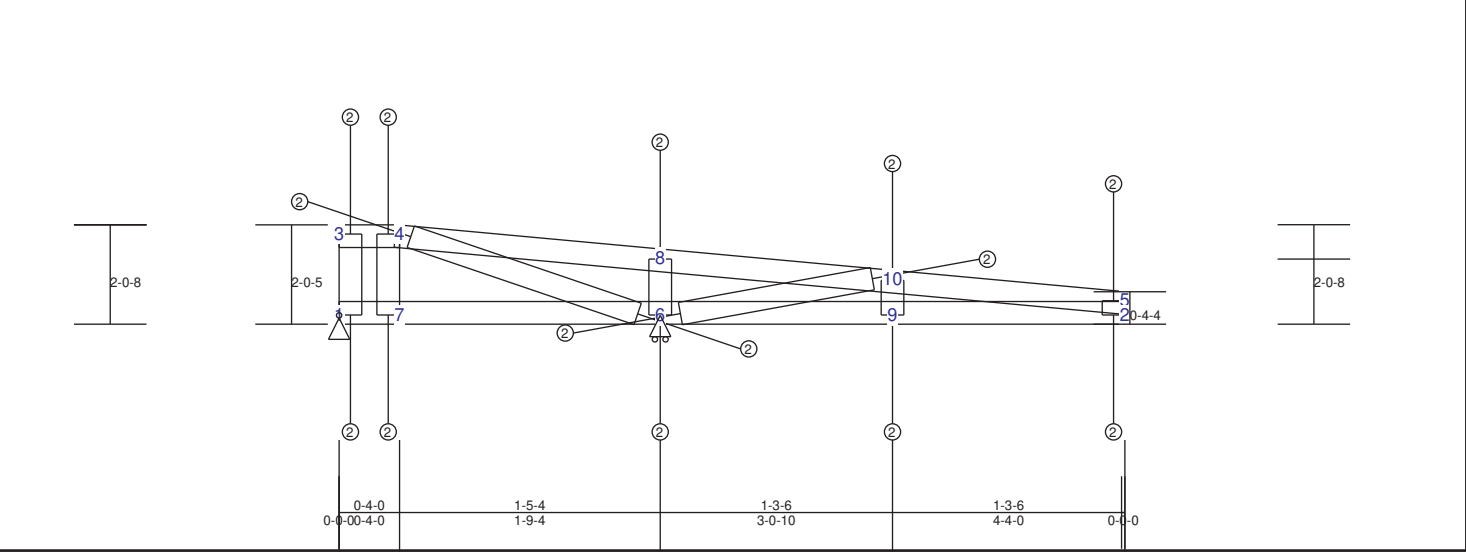
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-9	0.24	-348 lbs	-348 lbs	1-7	0.49	478 lbs	-117 lbs	1-3	0.75	-128 lbs	-128 lbs
9-11	0.24	-280 lbs	-280 lbs	7-8	0.34	478 lbs	-117 lbs	4-7	0.11	670 lbs	-520 lbs
11-13	0.13	-280 lbs	-280 lbs	8-10	0.19	265 lbs	-94 lbs	8-9	0.07	415 lbs	-344 lbs
13-14	0.28	215 lbs	-211 lbs	10-12	0.16	241 lbs	-94 lbs	10-11	0.02	232 lbs	-84 lbs
14-16	0.29	246 lbs	-172 lbs	6-12	0.17	-218 lbs	-218 lbs	12-13	0.04	-215 lbs	-215 lbs
5-16	0.16	63 lbs	-36 lbs	6-15	0.16	-218 lbs	-218 lbs	6-14	0.10	-581 lbs	-581 lbs
3-4	0.27	-194 lbs	-194 lbs	2-15	0.16	-23 lbs	-23 lbs	15-16	0.01	98 lbs	-77 lbs
								2-5	0.01	-36 lbs	-36 lbs
								4-8	0.12	-532 lbs	-532 lbs
								9-10	0.05	-272 lbs	-272 lbs
								11-12	0.02	-131 lbs	-131 lbs
								12-14	0.06	511 lbs	-349 lbs
								6-16	0.05	-290 lbs	-290 lbs

TRUSS CT2 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 10)	TL(V): 0 in.	L / 999	4	L / 240
BC :	0.17 (7 - 6)	LL(V): 0 in.	L / 999	4	L / 360
Web :	0.20 (1 - 3)	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: -0.01 in.		5	
		Web :			
		Snow/Wind 0 in.	L / 999	4	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	-210 lbs	-120 lbs	-110 lbs	-30 lbs	-210 lbs	-210 lbs
6	HRoll	0 lbs	560 lbs	0 lbs	-60 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-0-9	4-4-0

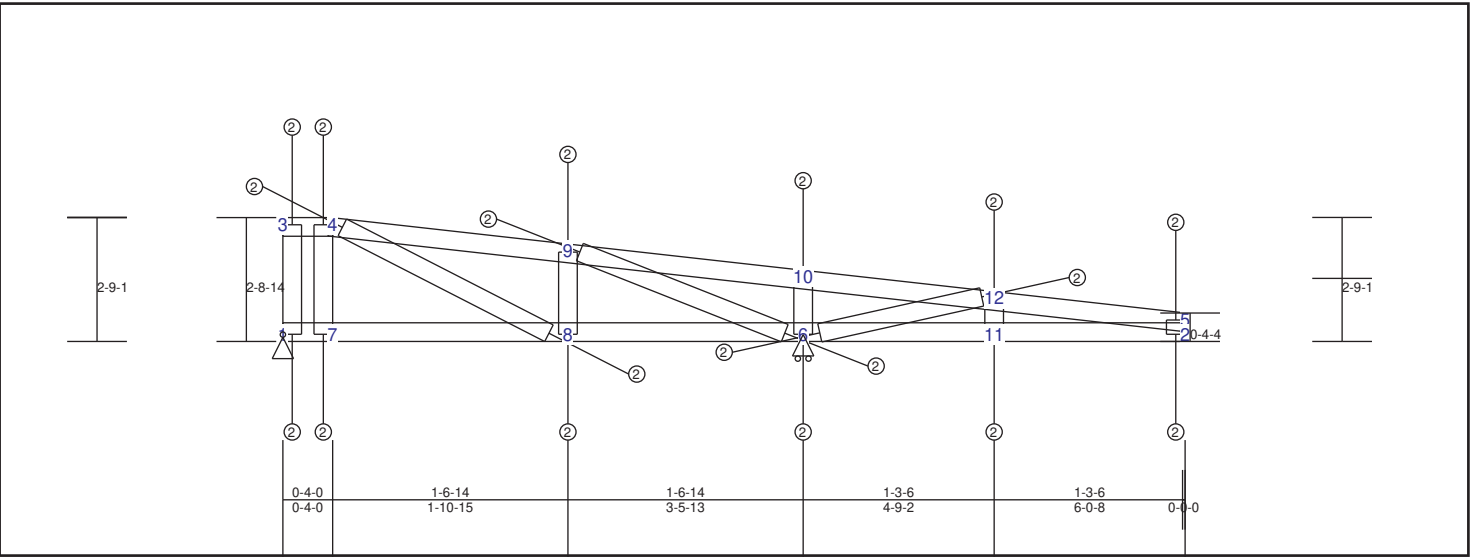
Material Design Pass

Member Forces Summary

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

Top Chord		Bot Chord		Web	
4-8	0.10 280 lbs	1-7	0.14 247 lbs	1-3	0.20 -52 lbs
8-10	0.27 280 lbs	6-7	0.17 247 lbs	4-7	0.02 200 lbs
5-10	0.17 69 lbs	6-9	0.17 -232 lbs	6-8	0.01 93 lbs
3-4	0.09 -101 lbs	2-9	0.17 -14 lbs	9-10	0.01 -78 lbs
				2-5	0.01 33 lbs
				4-6	0.07 -426 lbs
				6-10	0.05 -300 lbs

TRUSS CT3 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (10 - 12)	TL(V): 0 in.	L / 999	4
BC : 0.29 (1 - 7)	LL(V): 0 in.	L / 999	4
Web : 0.38 (1 - 3)	DL(V): 0 in.	L / 999	4
	Cant / OH TL: 0 in.	2L / 999	0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: -0.01 in.		5
	Web :		
	Snow/Wind 0 in.	L / 999	4
	Cant (Snow/Wind) 0 in.	L / 999	0
			L / 360
			L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-290 lbs	-130 lbs	0 lbs	-40 lbs	-290 lbs
6	HRoll		0 lbs	550 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

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

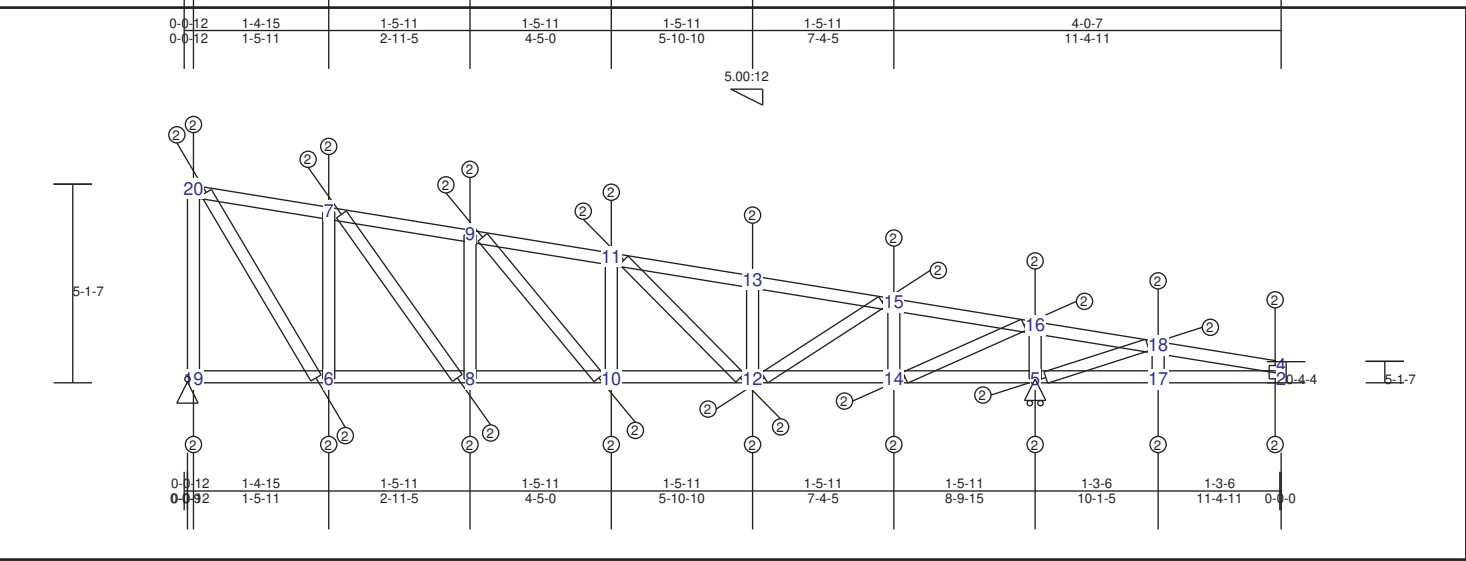
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-9	0.12	-241 lbs	-241 lbs	1-7	0.29	345 lbs	-56 lbs	1-3	0.38	-64 lbs	-64 lbs
9-10	0.16	284 lbs	-127 lbs	7-8	0.21	345 lbs	-56 lbs	4-7	0.04	379 lbs	-103 lbs
10-12	0.27	284 lbs	-153 lbs	6-8	0.19	234 lbs	-228 lbs	8-9	0.02	188 lbs	-28 lbs
5-12	0.17	67 lbs	-23 lbs	6-11	0.19	234 lbs	-228 lbs	6-10	0.01	68 lbs	-61 lbs
3-4	0.15	-138 lbs	-138 lbs	2-11	0.17	-14 lbs	-14 lbs	11-12	0.01	-79 lbs	-79 lbs
								2-5	0.01	33 lbs	-30 lbs
								4-8	0.05	-274 lbs	-274 lbs
								6-9	0.07	-403 lbs	-403 lbs
								6-12	0.05	298 lbs	-297 lbs

TRUSS CT4 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (20 - 7)	TL(V): 0 in.	L / 999	(3-20)	L / 240
BC : 0.30 (19 - 6)	LL(V): 0 in.	L / 999	(3-20)	L / 360
Web : 0.16 (20 - 6)	DL(V): 0 in.	L / 999	(3-20)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-20)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
5	HRoll	0 lbs	0 lbs	780 lbs	0 lbs	-50 lbs	0 lbs
19	Pin	-240 lbs	-240 lbs	440 lbs	0 lbs	-130 lbs	-240 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

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

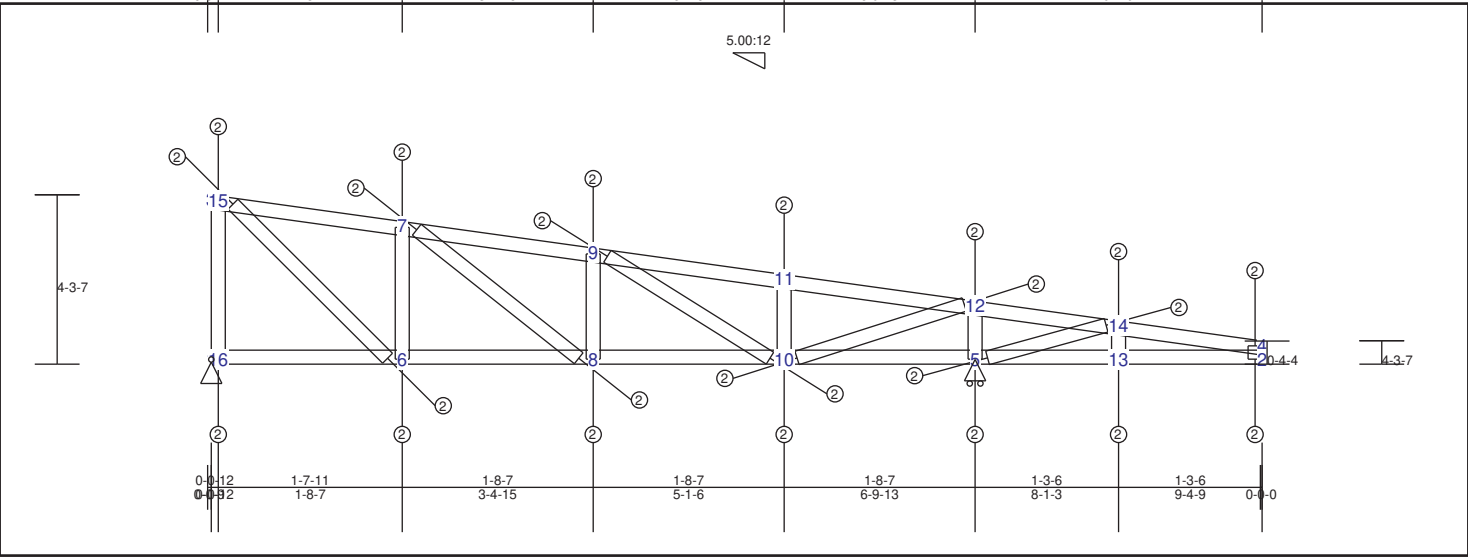
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-20	0.00	0 lbs	0 lbs	1-19	0.04	407 lbs	-112 lbs	6-7	0.13	582 lbs	-529 lbs
7-20	0.31	-187 lbs	-187 lbs	6-19	0.30	407 lbs	-112 lbs	8-9	0.07	404 lbs	-330 lbs
7-9	0.27	-271 lbs	-271 lbs	6-8	0.30	282 lbs	-77 lbs	10-11	0.03	284 lbs	-167 lbs
9-11	0.19	-334 lbs	-334 lbs	8-10	0.19	278 lbs	-44 lbs	12-13	0.03	-159 lbs	-159 lbs
11-13	0.14	-334 lbs	-334 lbs	10-12	0.14	281 lbs	-23 lbs	14-15	0.07	-452 lbs	-452 lbs
13-15	0.18	-334 lbs	-334 lbs	12-14	0.24	281 lbs	-23 lbs	5-16	0.11	-656 lbs	-656 lbs
15-16	0.30	-297 lbs	-297 lbs	5-14	0.24	217 lbs	-215 lbs	17-18	0.01	92 lbs	-81 lbs
16-18	0.31	251 lbs	-143 lbs	5-17	0.17	217 lbs	-215 lbs	2-4	0.01	-36 lbs	-36 lbs
4-18	0.16	76 lbs	-27 lbs	2-17	0.17	-14 lbs	-14 lbs	19-20	0.13	486 lbs	-458 lbs
								7-8	0.11	-447 lbs	-447 lbs
								9-10	0.07	-307 lbs	-307 lbs
								11-12	0.03	-156 lbs	-156 lbs
								12-15	0.02	236 lbs	-40 lbs
								14-16	0.06	570 lbs	-279 lbs
								5-18	0.05	-279 lbs	-279 lbs
								6-20	0.16	-558 lbs	-558 lbs

TRUSS CT5 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (12 - 14)	TL(V): 0 in.	L / 999	(3-15)	L / 240
BC : 0.22 (16 - 6)	LL(V): 0 in.	L / 999	(3-15)	L / 360
Web : 0.10 (15 - 6)	DL(V): 0 in.	L / 999	(3-15)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-15)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table				Max Gravity Uplift			Max Wind Uplift		Max Horizontal	
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal			
5	HRoll		0 lbs	680 lbs	0 lbs	-40 lbs	0 lbs			
16	Pin		-200 lbs	320 lbs	0 lbs	-100 lbs	-200 lbs			

Materials				Material Exceptions			
Type	Material	Bracing	Section	Material	Bracing	Section	Material
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions	
Max Height	Max Width
4'-3.7"	9'-5.3"

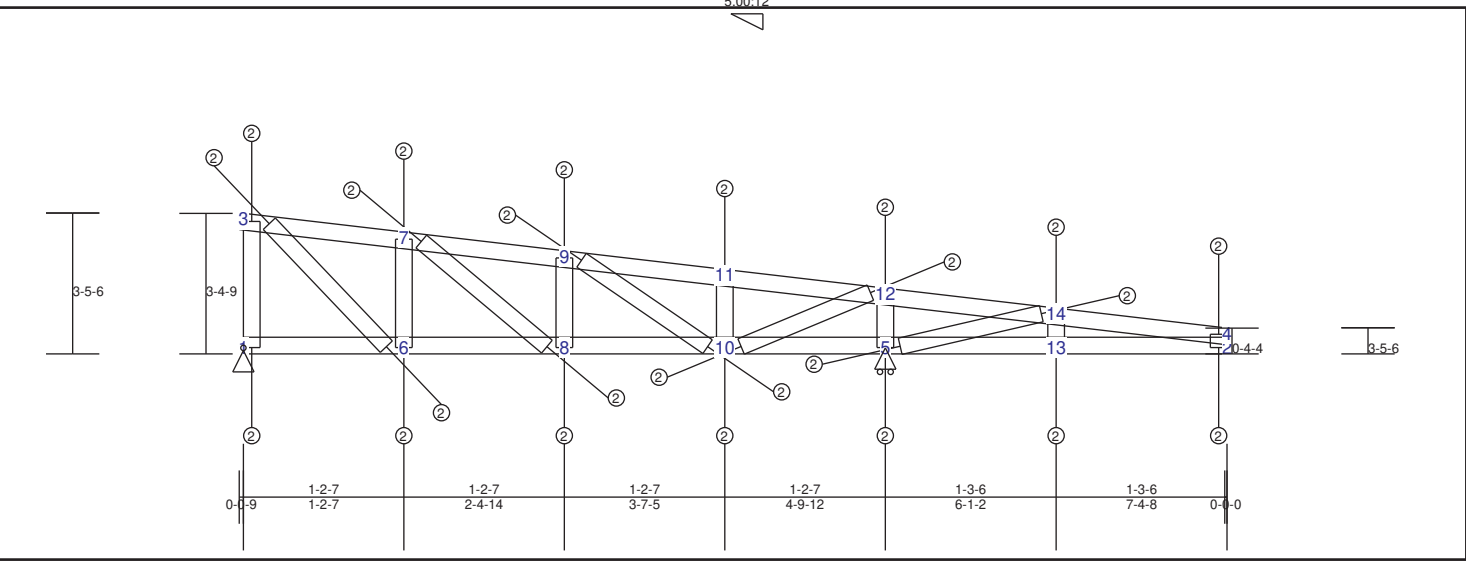
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-15	0.00	0 lbs	0 lbs	1-16	0.03	336 lbs	-92 lbs	6-7	0.07	420 lbs	-347 lbs
7-15	0.23	-173 lbs	-173 lbs	6-16	0.22	336 lbs	-92 lbs	8-9	0.02	207 lbs	-81 lbs
7-9	0.23	-215 lbs	-215 lbs	6-8	0.22	204 lbs	-55 lbs	10-11	0.03	-208 lbs	-208 lbs
9-11	0.11	-215 lbs	-215 lbs	8-10	0.15	170 lbs	-26 lbs	5-12	0.09	-563 lbs	-563 lbs
11-12	0.24	-158 lbs	-158 lbs	5-10	0.16	217 lbs	-216 lbs	13-14	0.01	96 lbs	-81 lbs
12-14	0.28	253 lbs	-143 lbs	5-13	0.17	217 lbs	-216 lbs	2-4	0.01	-36 lbs	-36 lbs
4-14	0.16	77 lbs	-27 lbs	2-13	0.17	-14 lbs	-14 lbs	15-16	0.08	373 lbs	-330 lbs
								7-8	0.06	-264 lbs	-264 lbs
								9-10	0.02	-121 lbs	-121 lbs
								10-12	0.05	456 lbs	-199 lbs
								5-14	0.05	-280 lbs	-280 lbs
								6-15	0.10	-417 lbs	-417 lbs

TRUSS CT6 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.26 (12 - 14)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.19 (1 - 6)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.59 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4)Snow Criteria: None
- 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-60 lbs	600 lbs	0 lbs	-60 lbs	-60 lbs
5	HRoll		0 lbs	600 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

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

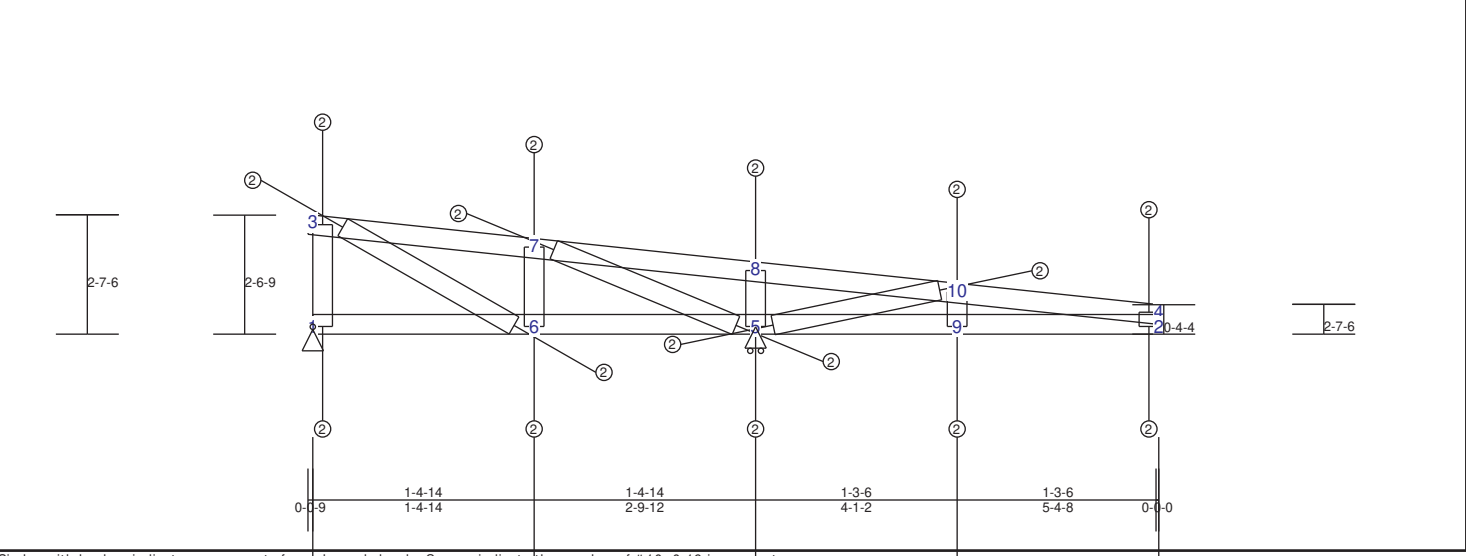
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.19	-304 lbs	-304 lbs	1-6	0.19	436 lbs	-72 lbs	1-3	0.59	375 lbs	-190 lbs
7-9	0.16	-230 lbs	-230 lbs	6-8	0.19	343 lbs	-51 lbs	6-7	0.04	380 lbs	-201 lbs
9-11	0.09	-140 lbs	-140 lbs	8-10	0.15	259 lbs	-36 lbs	8-9	0.02	218 lbs	-33 lbs
11-12	0.22	-116 lbs	-116 lbs	5-10	0.17	232 lbs	-226 lbs	10-11	0.03	-162 lbs	-162 lbs
12-14	0.26	258 lbs	-151 lbs	5-13	0.16	232 lbs	-226 lbs	5-12	0.08	-473 lbs	-473 lbs
4-14	0.17	76 lbs	-26 lbs	2-13	0.16	-14 lbs	-14 lbs	13-14	0.01	92 lbs	-77 lbs
								2-4	0.01	-35 lbs	-35 lbs
								3-6	0.07	-361 lbs	-361 lbs
								7-8	0.05	-264 lbs	-264 lbs
								9-10	0.03	-186 lbs	-186 lbs
								10-12	0.04	389 lbs	-183 lbs
								5-14	0.05	296 lbs	-293 lbs

TRUSS CT7 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 10)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.18 (6 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.33 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-40 lbs	540 lbs	0 lbs	-30 lbs	-40 lbs
5	HRoll		0 lbs	540 lbs	0 lbs	-50 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-7-7	5-5-2

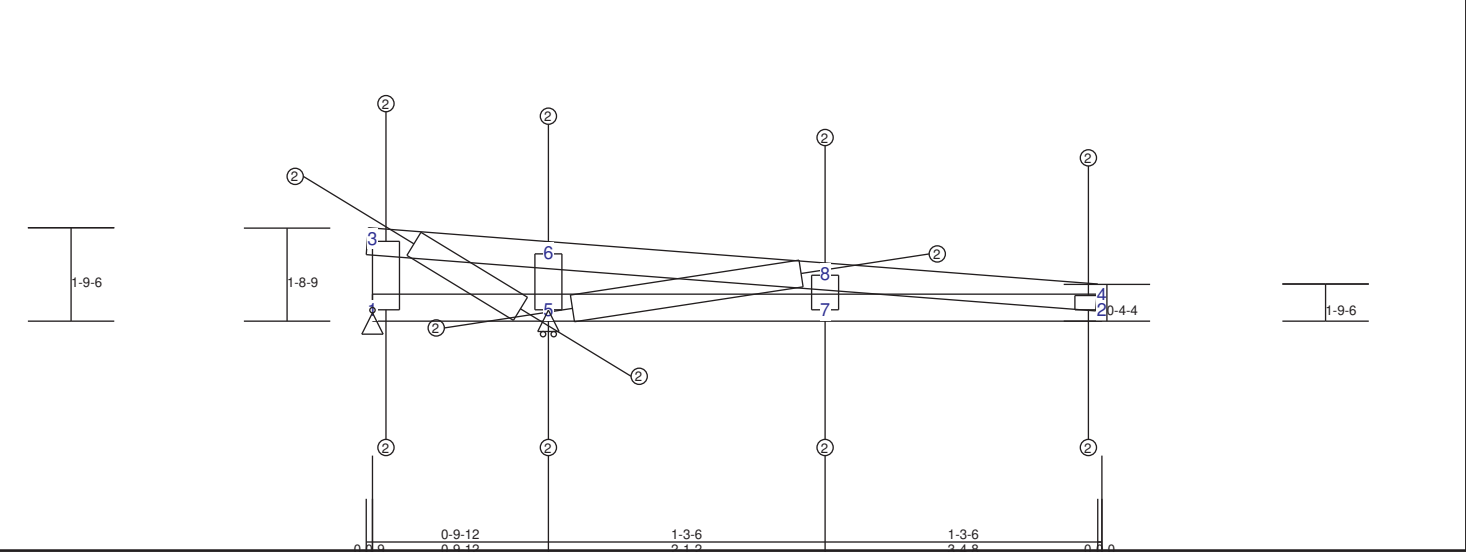
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.11	-209 lbs	-209 lbs	1-6	0.10	322 lbs	-52 lbs	1-3	0.33	234 lbs	-32 lbs
7-8	0.13	283 lbs	-140 lbs	5-6	0.18	242 lbs	-231 lbs	6-7	0.02	193 lbs	-24 lbs
8-10	0.27	283 lbs	-154 lbs	5-9	0.18	235 lbs	-231 lbs	5-8	0.01	62 lbs	-53 lbs
4-10	0.17	67 lbs	-23 lbs	2-9	0.16	-14 lbs	-14 lbs	9-10	0.01	-78 lbs	-78 lbs
								2-4	0.01	33 lbs	-30 lbs
								3-6	0.03	-197 lbs	-197 lbs
								5-7	0.07	-389 lbs	-389 lbs
								5-10	0.05	-300 lbs	-300 lbs

TRUSS CT8 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 6)	TL(V): 0 in.	L / 999	3
BC :	0.36 (1 - 5)	LL(V): 0 in.	L / 999	3
Web :	0.14 (1 - 3)	DL(V): 0 in.	L / 999	3
		Cant / OH TL: 0 in.	2L / 0	3
		Cant / OH LL: 0 in.	2L / 0	3
		Horiz TL: 0.01 in.		3
		Web :		
		Snow/Wind 0 in.	L / 999	3
		Cant (Snow/Wind) 0 in.	L / 999	0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Material Exceptions				
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift
1	Pin		-10 lbs	760 lbs	0 lbs	0 lbs
5	HRoll		0 lbs	760 lbs	0 lbs	-70 lbs
Materials		Material				
Type	Material	Bracing	Section	Material	Bracing	
Top Chd	350S150-43(50)	Sheathing				
Bot Chd	350S150-43(50)	Sheathing				
Web	350S150-43(50)	Unbraced				

Truss Dimensions

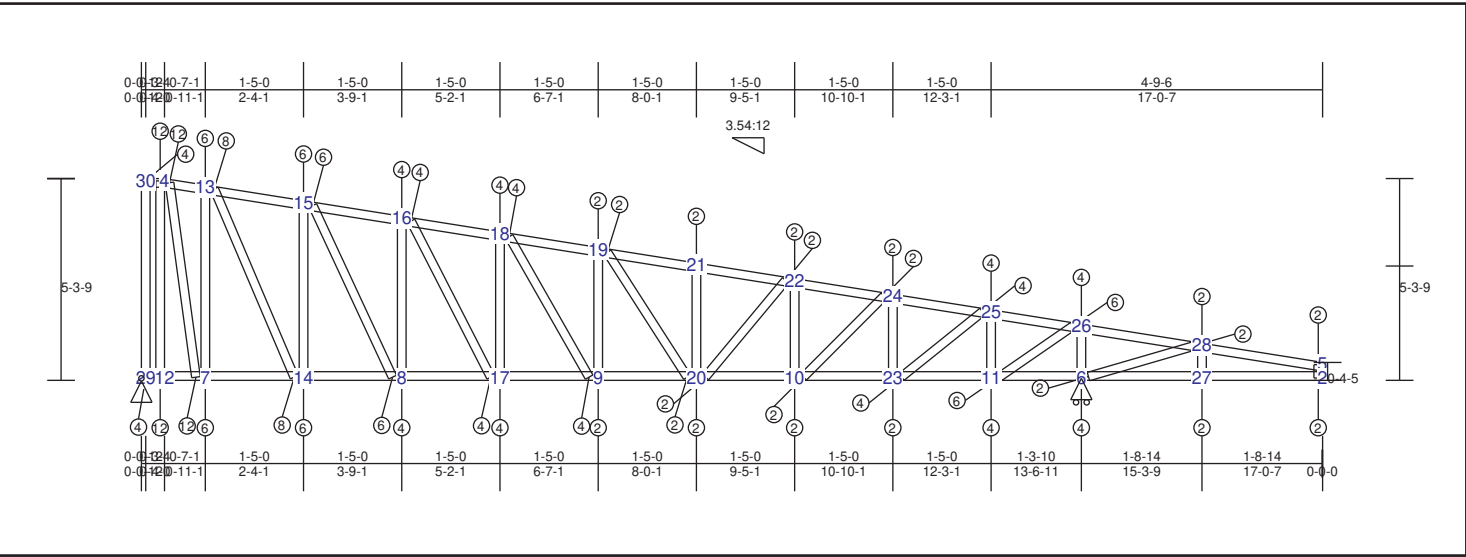
Max Height	Max Width
1-9-7	3-5-2

Material Design Pass

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force					
Top Chord			Bot Chord		
3-6	0.30	286 lbs	1-5	0.36	237 lbs
6-8	0.27	286 lbs	5-7	0.36	237 lbs
4-8	0.19	58 lbs	2-7	0.16	-14 lbs
Web			Web		
1-3	0.14	463 lbs	5-6	0.01	73 lbs
5-6	0.01	73 lbs	7-8	0.01	-73 lbs
2-4	0.01	32 lbs	2-4	0.01	-26 lbs
3-5	0.12	-738 lbs	3-5	0.12	-738 lbs
5-8	0.05	302 lbs	5-8	0.05	-278 lbs

TRUSS CT9 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.95 (4 - 13)	TL(V): 0.01 in.	L / 999	(7-14)	L / 240
BC : 0.98 (29 - 12)	LL(V): 0.01 in.	L / 999	(7-14)	L / 360
Web : 0.93 (12 - 4)	DL(V): 0 in.	L / 999	4	L / 0
	Cant / OH TL: 0 in.	2L / 3	26	2L / 360
	Cant / OH LL: 0 in.	2L / 3	26	2L / 360
	Horiz TL: -0.03 in.		18	
	Web :			
	Snow/Wind 0 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	HRoll		0 lbs	1390 lbs	0 lbs	0 lbs	0 lbs
29	Pin		0 lbs	2360 lbs	0 lbs	0 lbs	0 lbs

Materials			Material Exceptions	
Type	Material	Bracing	Section	Material
Top Chd	350S150-43(50)	Sheathing		
Bot Chd	350S150-43(50)	Sheathing		
Web	350S150-43(50)	Unbraced		

Truss Dimensions	
Max Height	Max Width
5-3-10	17-0-7

Material Design **Pass**

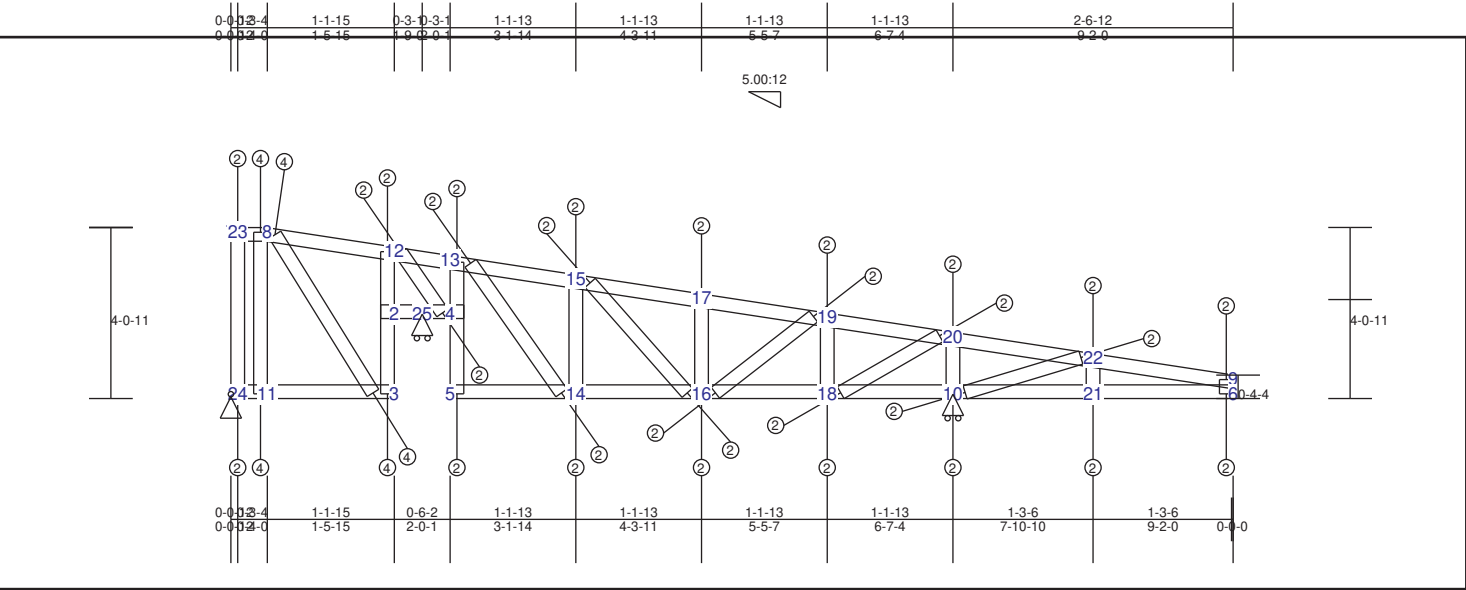
Point Loads								
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag
WB7-13	0-0-0	0-0-0	Concentrated	Dead	Down	Global	460 lbs	460 lbs
WB8-16	0-0-0	0-0-0	Concentrated	Dead	Down	Global	380 lbs	380 lbs
WB9-19	0-0-0	0-0-0	Concentrated	Dead	Down	Global	300 lbs	300 lbs
WB10-22	0-0-0	0-0-0	Concentrated	Dead	Down	Global	220 lbs	220 lbs
WB11-25	0-0-0	0-0-0	Concentrated	Dead	Down	Global	140 lbs	140 lbs
WB7-13	0-0-0	0-0-0	Concentrated	Live	Down	Global	690 lbs	690 lbs
WB8-16	0-0-0	0-0-0	Concentrated	Live	Down	Global	570 lbs	570 lbs
WB9-19	0-0-0	0-0-0	Concentrated	Live	Down	Global	450 lbs	450 lbs
WB10-22	0-0-0	0-0-0	Concentrated	Live	Down	Global	330 lbs	330 lbs
WB11-25	0-0-0	0-0-0	Concentrated	Live	Down	Global	210 lbs	210 lbs
WB7-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	897 lbs	897 lbs
WB8-16	0-0-0	0-0-0	Concentrated	Wind	Down	Global	741 lbs	741 lbs
WB9-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	585 lbs	585 lbs
WB10-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs
WB11-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	273 lbs	273 lbs
WB7-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	897 lbs	897 lbs
WB8-16	0-0-0	0-0-0	Concentrated	Wind	Down	Global	741 lbs	741 lbs
WB9-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	585 lbs	585 lbs
WB10-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs
WB11-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	273 lbs	273 lbs
WB7-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	253 lbs	253 lbs
WB8-16	0-0-0	0-0-0	Concentrated	Wind	Down	Global	209 lbs	209 lbs
WB9-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	165 lbs	165 lbs
WB10-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	121 lbs	121 lbs
WB11-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	77 lbs	77 lbs

TRUSS CT9 (spacing 24 in)

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

Top Chord				Bot Chord				Web			
4-13	0.95	1009 lbs	-450 lbs	1-29	0.96	0 lbs	0 lbs	4-12	0.93	-4484 lbs	-4484 lbs
13-15	0.90	-969 lbs	-969 lbs	12-29	0.98	0 lbs	0 lbs	7-13	0.66	-2269 lbs	-2269 lbs
15-16	0.88	-1364 lbs	-1364 lbs	7-12	0.97	303 lbs	0 lbs	14-15	0.50	-1945 lbs	-1945 lbs
16-18	0.53	-1650 lbs	-1650 lbs	7-14	0.97	832 lbs	0 lbs	8-16	0.21	-887 lbs	-887 lbs
18-19	0.49	-1926 lbs	-1926 lbs	8-14	0.96	1285 lbs	0 lbs	17-18	0.19	-886 lbs	-886 lbs
19-21	0.36	-1967 lbs	-1967 lbs	8-17	0.96	1555 lbs	0 lbs	9-19	0.03	-169 lbs	-169 lbs
21-22	0.33	-1970 lbs	-1970 lbs	9-17	0.49	1835 lbs	0 lbs	20-21	0.00	-3 lbs	-3 lbs
22-24	0.46	-1970 lbs	-1970 lbs	9-20	0.61	1885 lbs	0 lbs	10-22	0.00	0 lbs	0 lbs
24-25	0.46	-1839 lbs	-1839 lbs	10-20	0.35	1897 lbs	0 lbs	23-24	0.12	-704 lbs	-704 lbs
25-26	0.78	-1360 lbs	-1360 lbs	10-23	0.35	1897 lbs	0 lbs	11-25	0.17	-1004 lbs	-1004 lbs
26-28	0.71	-476 lbs	-476 lbs	11-23	0.71	1595 lbs	0 lbs	6-26	0.25	-1490 lbs	-1490 lbs
5-28	0.03	-1 lbs	-1 lbs	6-11	0.71	1074 lbs	0 lbs	27-28	0.00	6 lbs	0 lbs
3-30	0.43	0 lbs	0 lbs	6-27	0.03	69 lbs	0 lbs	2-5	0.00	-5 lbs	-5 lbs
4-30	0.93	0 lbs	0 lbs	2-27	0.03	0 lbs	0 lbs	29-30	0.09	916 lbs	0 lbs
								4-7	0.41	4143 lbs	0 lbs
								13-14	0.24	2370 lbs	0 lbs
								8-15	0.19	1863 lbs	0 lbs
								16-17	0.10	1018 lbs	0 lbs
								9-18	0.09	954 lbs	0 lbs
								19-20	0.02	154 lbs	0 lbs
								20-22	0.01	-30 lbs	-30 lbs
								10-24	0.06	639 lbs	0 lbs
								23-25	0.09	937 lbs	0 lbs
								11-26	0.16	1633 lbs	0 lbs
								6-28	0.01	78 lbs	0 lbs

TRUSS CT10 (spacing 24 in)



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

Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.48 (8 - 12)	TL(V): 0 in.	L / 999	8	L / 240
BC :	0.72 (24 - 11)	LL(V): 0 in.	L / 999	8	L / 360
Web :	0.56 (2 - 12)	DL(V): 0 in.	L / 999	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: -0.01 in.		9	
		Web :			
		Snow/Wind 0.01 in.	L / 999	8	L / 360
		Cant (Snow/Wind) 0.01 in.	L / 999	8	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
4	HRoll		0 lbs	400 lbs	0 lbs	0 lbs	0 lbs
10	HRoll		0 lbs	580 lbs	0 lbs	-120 lbs	0 lbs
24	Pin		-190 lbs	-370 lbs	0 lbs	-290 lbs	-190 lbs

Materials		Material Exceptions	
Type	Material	Section	Material
Top Chd	350S150-43(50)	Bracing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
4'-0" 12"	9'-2" 0"

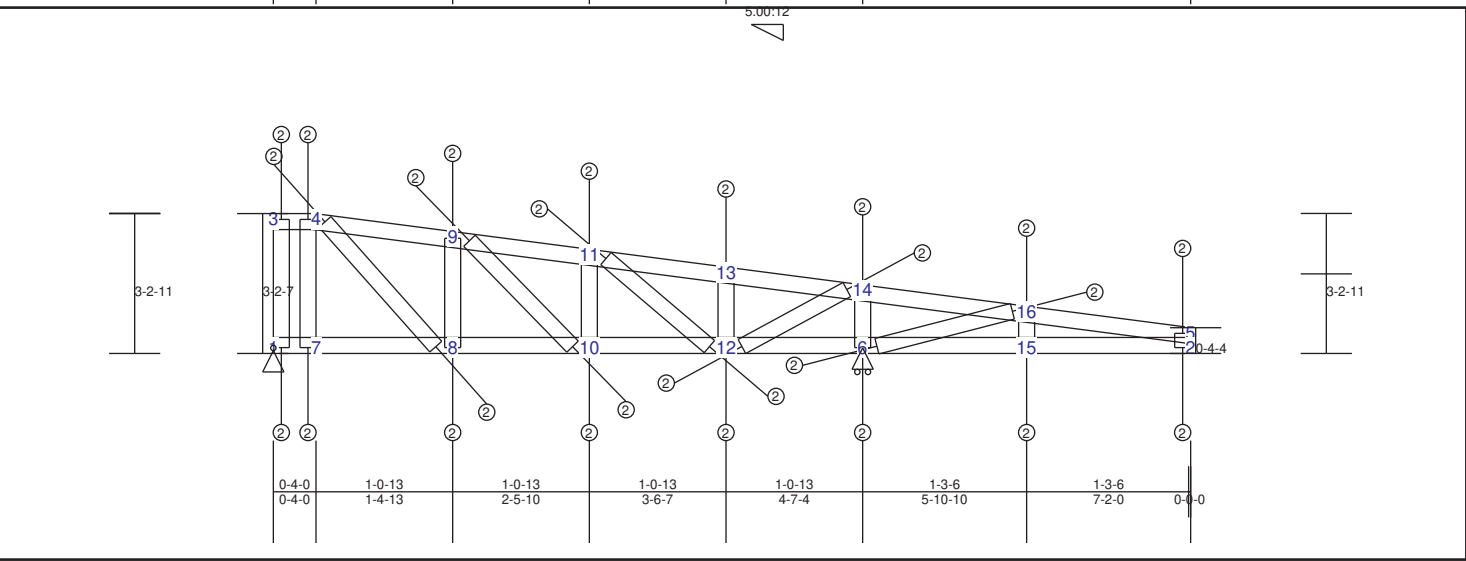
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
8-12	0.48	-350 lbs	-350 lbs	2-4	0.42	76 lbs	-21 lbs	8-11	0.11	1139 lbs	-313 lbs
12-13	0.37	249 lbs	-68 lbs	1-24	0.40	317 lbs	-87 lbs	2-3	0.44	841 lbs	-230 lbs
13-15	0.11	315 lbs	-86 lbs	11-24	0.72	317 lbs	-87 lbs	2-12	0.56	841 lbs	-230 lbs
15-17	0.08	315 lbs	-86 lbs	3-11	0.62	317 lbs	-87 lbs	4-5	0.05	8 lbs	-7 lbs
17-19	0.13	267 lbs	-76 lbs	5-14	0.08	-46 lbs	-46 lbs	4-13	0.08	-231 lbs	-231 lbs
19-20	0.21	214 lbs	-62 lbs	14-16	0.08	-52 lbs	-52 lbs	14-15	0.03	148 lbs	-140 lbs
20-22	0.26	259 lbs	-142 lbs	16-18	0.18	-52 lbs	-52 lbs	16-17	0.02	-129 lbs	-129 lbs
9-22	0.17	75 lbs	-26 lbs	10-18	0.18	-228 lbs	-228 lbs	18-19	0.06	-344 lbs	-344 lbs
7-23	0.10	0 lbs	0 lbs	10-21	0.17	-228 lbs	-228 lbs	10-20	0.07	-442 lbs	-442 lbs
8-23	0.46	0 lbs	0 lbs	6-21	0.17	-14 lbs	-14 lbs	21-22	0.01	88 lbs	-78 lbs
								6-9	0.01	34 lbs	-34 lbs
								23-24	0.05	-206 lbs	-206 lbs
								4-12	0.05	-292 lbs	-292 lbs
								13-14	0.03	-152 lbs	-152 lbs
								15-16	0.01	-30 lbs	-30 lbs
								16-19	0.03	167 lbs	-166 lbs
								18-20	0.06	377 lbs	-364 lbs
								10-22	0.05	-296 lbs	-296 lbs
								3-8	0.26	-1157 lbs	-1157 lbs

TRUSS CT11 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (14 - 16)	TL(V): 0 in.	L / 999	(3-4)	L / 240
BC : 0.38 (1 - 7)	LL(V): 0 in.	L / 999	(3-4)	L / 360
Web : 0.53 (1 - 3)	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: -0.01 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-4)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-340 lbs	170 lbs	0 lbs	-50 lbs	-340 lbs
6	HRoll		0 lbs	590 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-2-11	7-2-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.22	-163 lbs	-163 lbs	1-7	0.38	409 lbs	-67 lbs	1-3	0.53	-95 lbs	-95 lbs
4-9	0.19	-314 lbs	-314 lbs	7-8	0.17	409 lbs	-67 lbs	4-7	0.05	541 lbs	-258 lbs
9-11	0.13	-177 lbs	-177 lbs	8-10	0.14	297 lbs	-44 lbs	8-9	0.03	317 lbs	-139 lbs
11-13	0.07	-116 lbs	-116 lbs	10-12	0.16	237 lbs	-37 lbs	10-11	0.02	179 lbs	-22 lbs
13-14	0.22	-112 lbs	-112 lbs	6-12	0.18	233 lbs	-227 lbs	12-13	0.02	-151 lbs	-151 lbs
14-16	0.26	259 lbs	-152 lbs	6-15	0.16	233 lbs	-227 lbs	6-14	0.08	-468 lbs	-468 lbs
5-16	0.17	75 lbs	-26 lbs	2-15	0.16	-14 lbs	-14 lbs	15-16	0.01	90 lbs	-77 lbs
								2-5	0.01	-34 lbs	-34 lbs
								4-8	0.08	-420 lbs	-420 lbs
								9-10	0.04	-203 lbs	-203 lbs
								11-12	0.04	-220 lbs	-220 lbs
								12-14	0.04	393 lbs	-189 lbs
								6-16	0.05	296 lbs	-294 lbs

The diagram illustrates a truss bridge structure with various dimensions and member numbers. The bridge is supported by a central pier and two side piers. The main span is 33-10 units long, and the side spans are 33-7 units long. The bridge is divided into several sections, each with a specific length and width. The members are numbered 1 through 21, and the joints are numbered 1 through 10. The diagram also shows the bridge's profile, including the deck, truss, and supports.

Dimensions and member numbers are as follows:

- Top dimensions: 1-5-15, 0-3-10, 30-1-11, 1-1-6, 1-1-6, 1-1-6, 1-1-6, 2-6-12, 9-2-0.
- Bottom dimensions: 1-5-15, 0-6-20, 1-1-11, 1-1-6, 1-1-6, 1-1-6, 1-1-6, 1-3-6, 1-3-6, 0-4-0.
- Side dimensions: 33-10, 33-7, 33-10.
- Member numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21.

Max CSI Summary	Deflection	(Loc)	Max. Allowed
TC : 0.75 (7 - 11)	TL(V): 0 in.	L / 999	L / 240
BC : 0.86 (1 - 2)	LL(V): 0 in.	L / 999	L / 360
Web : 0.67 (3 - 11)	DL(V): 0 in.	L / 999	L / 0
	Cant / OH TL: 0 in.	2L / 999	2L / 0
	Cant / OH LL: 0 in.	2L / 999	2L / 0
	Horiz TL: -0.01 in.	9	
	Web :		
	Snow/Wind 0.01 in.	L / 999	L / 360
	Cant (Snow/Wind) 0.01 in.	L / 999	L / 360

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-310 lbs	-580 lbs	0 lbs	-580 lbs	-310 lbs
5	HRoll		0 lbs	580 lbs	0 lbs	0 lbs	0 lbs
10	HRoll		0 lbs	580 lbs	0 lbs	-540 lbs	0 lbs

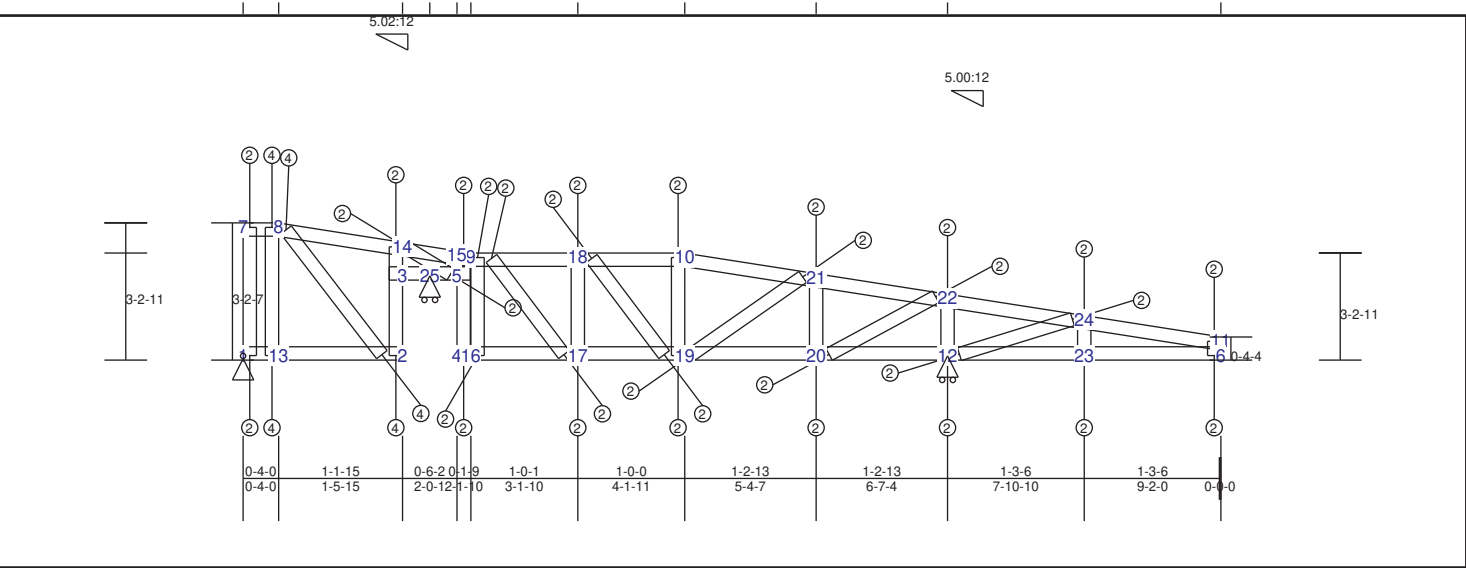
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
3-3-11	9-2-0

Member Forces Summary

Top Chord				Bot Chord				Web			
7-11	0.75	450 lbs	-60 lbs	1-2	0.86	521 lbs	-69 lbs	1-7	0.11	1132 lbs	-160 lbs
11-12	0.49	545 lbs	-71 lbs	4-13	0.07	-22 lbs	-22 lbs	2-3	0.53	1177 lbs	-158 lbs
8-12	0.07	545 lbs	-71 lbs	13-14	0.16	-108 lbs	-108 lbs	3-11	0.67	1177 lbs	-158 lbs
8-15	0.29	662 lbs	-88 lbs	14-16	0.16	-109 lbs	-109 lbs	4-5	0.16	-150 lbs	-150 lbs
15-17	0.16	662 lbs	-88 lbs	16-18	0.36	-109 lbs	-109 lbs	5-12	0.20	-170 lbs	-170 lbs
17-19	0.27	544 lbs	-74 lbs	10-18	0.36	444 lbs	-228 lbs	14-15	0.03	314 lbs	-166 lbs
19-20	0.41	440 lbs	-64 lbs	10-21	0.35	444 lbs	-228 lbs	16-17	0.02	241 lbs	-119 lbs
20-22	0.53	-304 lbs	-304 lbs	6-21	0.35	0 lbs	0 lbs	18-19	0.07	731 lbs	-358 lbs
9-22	0.34	75 lbs	-34 lbs	3-5	0.48	97 lbs	-25 lbs	10-20	0.09	900 lbs	-444 lbs
								21-22	0.03	-160 lbs	-160 lbs
								6-9	0.01	70 lbs	-34 lbs
								8-13	0.02	191 lbs	-74 lbs
								2-7	0.28	-1386 lbs	-1386 lbs
								5-11	0.07	-419 lbs	-419 lbs
								8-14	0.07	-352 lbs	-352 lbs
								15-16	0.00	12 lbs	-4 lbs
								16-19	0.06	-368 lbs	-368 lbs
								18-20	0.13	-773 lbs	-773 lbs
								10-22	0.06	576 lbs	-295 lbs

TRUSS CT13 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 14)	TL(V): 0 in.	L / 999	(10-21)	L / 240
BC : 0.78 (1 - 13)	LL(V): 0 in.	L / 999	(10-21)	L / 360
Web : 0.59 (3 - 14)	DL(V): 0 in.	L / 999	(10-21)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		11	
	Web :			
	Snow/Wind 0.01 in.	L / 999	8	L / 360
	Cant (Snow/Wind) 0.01 in.	L / 999	8	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Material Exceptions					
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-340 lbs	-390 lbs	0 lbs	-120 lbs	-340 lbs
5	HRoll		0 lbs	410 lbs	0 lbs	0 lbs	0 lbs
12	HRoll		0 lbs	580 lbs	0 lbs	-110 lbs	0 lbs
Materials		Material					
Type	Material	Bracing					
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions

Max Height	Max Width
3'-2-11	9'-2-0

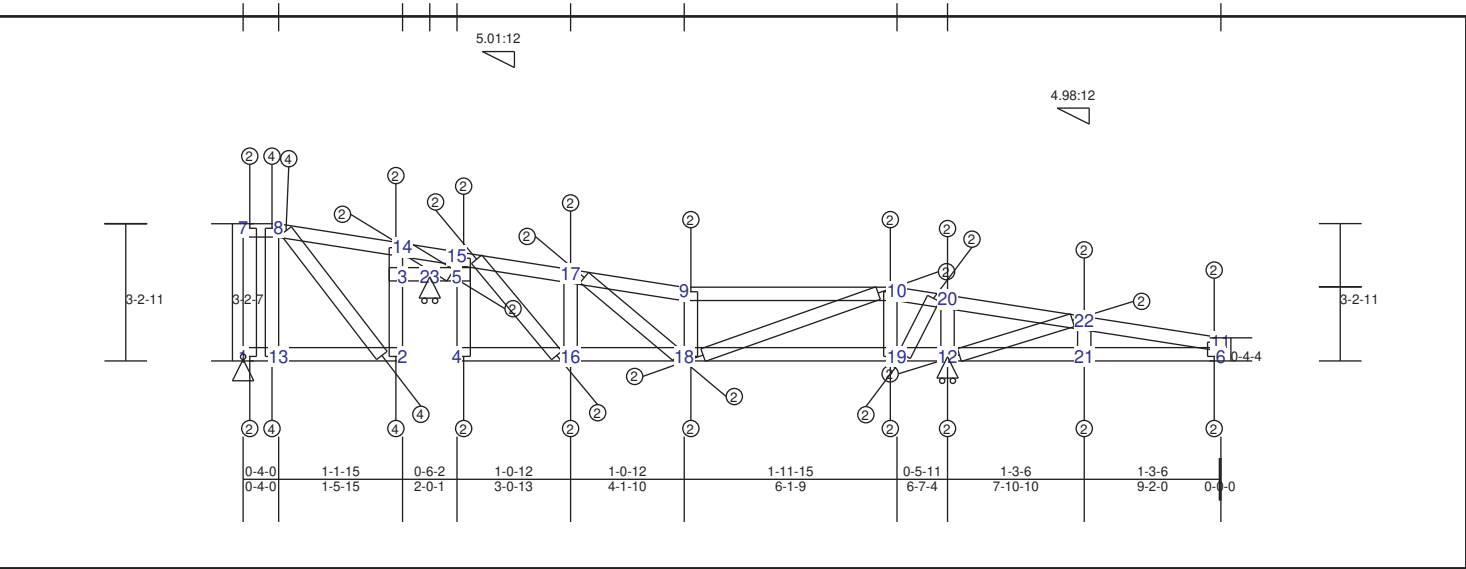
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
10-21	0.12	189 lbs	-75 lbs	4-16	0.05	-19 lbs	-19 lbs	1-7	0.55	-227 lbs	-227 lbs
21-22	0.21	179 lbs	-68 lbs	16-17	0.09	45 lbs	-34 lbs	8-13	0.12	1224 lbs	-196 lbs
22-24	0.26	259 lbs	-143 lbs	17-19	0.09	48 lbs	-34 lbs	2-3	0.46	888 lbs	-147 lbs
11-24	0.17	75 lbs	-26 lbs	19-20	0.17	48 lbs	-26 lbs	3-14	0.59	888 lbs	-147 lbs
8-14	0.54	-527 lbs	-527 lbs	12-20	0.17	-228 lbs	-228 lbs	4-5	0.13	-109 lbs	-109 lbs
14-15	0.48	206 lbs	-89 lbs	12-23	0.17	-228 lbs	-228 lbs	5-15	0.17	-135 lbs	-135 lbs
9-15	0.06	206 lbs	-50 lbs	6-23	0.17	-14 lbs	-14 lbs	9-16	0.01	130 lbs	-55 lbs
9-18	0.15	213 lbs	-58 lbs	1-13	0.78	409 lbs	-67 lbs	17-18	0.03	-162 lbs	-162 lbs
10-18	0.06	213 lbs	-58 lbs	2-13	0.65	409 lbs	-67 lbs	10-19	0.01	-77 lbs	-77 lbs
7-8	0.50	-163 lbs	-163 lbs	3-5	0.32	146 lbs	-46 lbs	20-21	0.05	-327 lbs	-327 lbs
								12-22	0.07	-444 lbs	-444 lbs
								23-24	0.01	89 lbs	-79 lbs
								6-11	0.01	34 lbs	-34 lbs
								2-8	0.24	-1245 lbs	-1245 lbs
								5-14	0.05	-363 lbs	-363 lbs
								9-17	0.02	177 lbs	-104 lbs
								18-19	0.01	75 lbs	-17 lbs
								19-21	0.02	130 lbs	-102 lbs
								20-22	0.05	375 lbs	-316 lbs
								12-24	0.05	-295 lbs	-295 lbs

TRUSS CT14 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 14)	TL(V): 0 in.	L / 999	8	L / 240
BC : 0.79 (1 - 13)	LL(V): 0 in.	L / 999	8	L / 360
Web : 0.57 (3 - 14)	DL(V): 0 in.	L / 999	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: -0.01 in.		11	
	Web :			
	Snow/Wind 0.01 in.	L / 999	8	L / 360
	Cant (Snow/Wind) 0.01 in.	L / 999	8	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-340 lbs	-400 lbs	0 lbs	-120 lbs	-340 lbs
5	HRoll		0 lbs	420 lbs	0 lbs	0 lbs	0 lbs
12	HRoll		0 lbs	580 lbs	0 lbs	-110 lbs	0 lbs

Materials	Material	Bracing	Material Exceptions	Material	Bracing
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

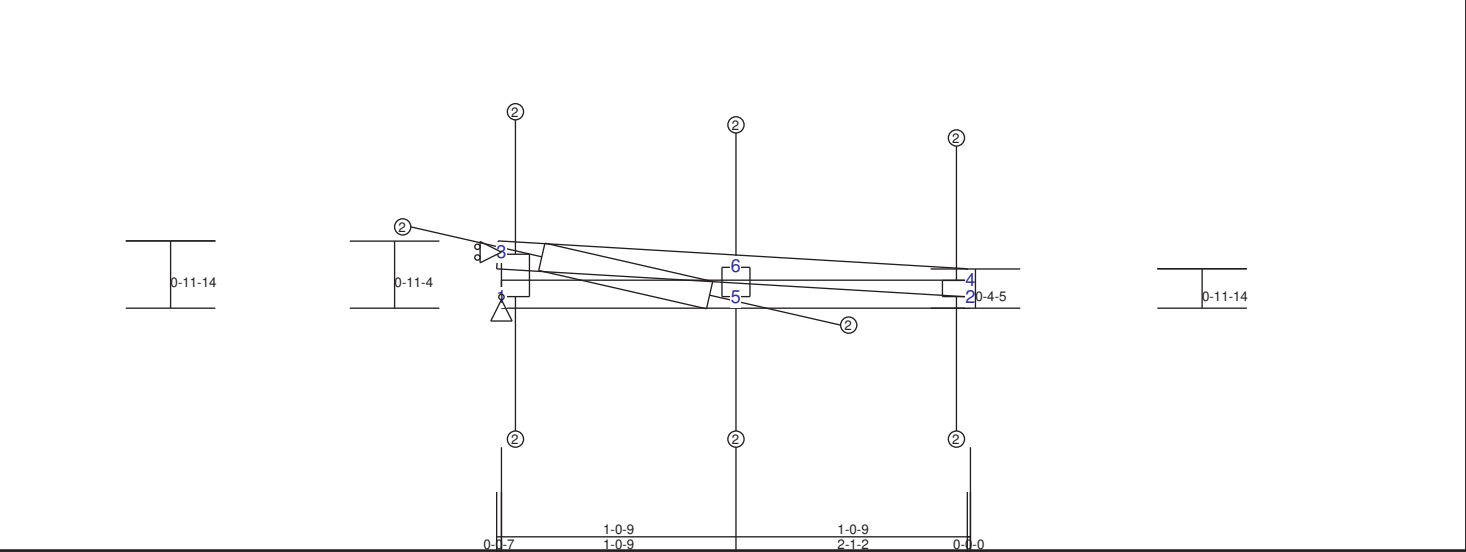
Truss Dimensions	Max Height	Max Width
	3-2-11	9-2-0

Material Design Pass
Member Forces Summary

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

Top Chord	Bot Chord	Web
8-14 0.53 -530 lbs	4-16 0.10 -77 lbs	1-7 0.55 -229 lbs
14-15 0.48 176 lbs	16-18 0.10 -90 lbs	8-13 0.12 1235 lbs
15-17 0.19 287 lbs	18-19 0.22 140 lbs	2-3 0.45 895 lbs
9-17 0.08 287 lbs	12-19 0.23 -219 lbs	3-14 0.57 895 lbs
7-8 0.50 -163 lbs	12-21 0.16 -219 lbs	4-5 0.09 11 lbs
10-20 0.22 189 lbs	6-21 0.16 -14 lbs	5-15 0.12 -221 lbs
20-22 0.26 247 lbs	1-13 0.79 409 lbs	16-17 0.02 194 lbs
11-22 0.17 69 lbs	2-13 0.66 409 lbs	9-18 0.03 219 lbs
9-10 0.21 203 lbs	3-5 0.32 137 lbs	10-19 0.07 -439 lbs
		12-20 0.07 -441 lbs
		21-22 0.01 71 lbs
		6-11 0.01 32 lbs
		2-8 0.24 -1255 lbs
		5-14 0.05 -320 lbs
		15-16 0.04 -208 lbs
		17-18 0.01 -66 lbs
		10-18 0.05 -317 lbs
		19-20 0.06 449 lbs
		12-22 0.05 -284 lbs

TRUSS CT15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.17 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.06 (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

Load Summary
1)This Truss has been designed in accordance with AISI 2016.
2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
4)Snow Criteria: None
5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table							
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		240 lbs	210 lbs	0 lbs	-30 lbs	240 lbs
3	VRoll		-240 lbs	0 lbs	0 lbs	0 lbs	-240 lbs

Materials				Material Exceptions	
Type	Material	Bracing		Section	Material
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions	
Max Height	Max Width
0-11-14	2-1-9

Material Design Pass
Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force														
Top Chord					Bot Chord					Web				
3-6	0.12	305 lbs	-212 lbs		1-5	0.17	-244 lbs	-244 lbs	1-3	0.06	-255 lbs	-255 lbs		
4-6	0.16	60 lbs	-34 lbs		2-5	0.11	-14 lbs	-14 lbs	5-6	0.03	-214 lbs	-214 lbs		
									2-4	0.01	8 lbs	-7 lbs		
									3-5	0.05	368 lbs	-321 lbs		

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC : 0.18 (6 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.19 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.06 (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

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		280 lbs	220 lbs	0 lbs	-40 lbs	280 lbs
3	VRoll		-280 lbs	0 lbs	0 lbs	0 lbs	-280 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

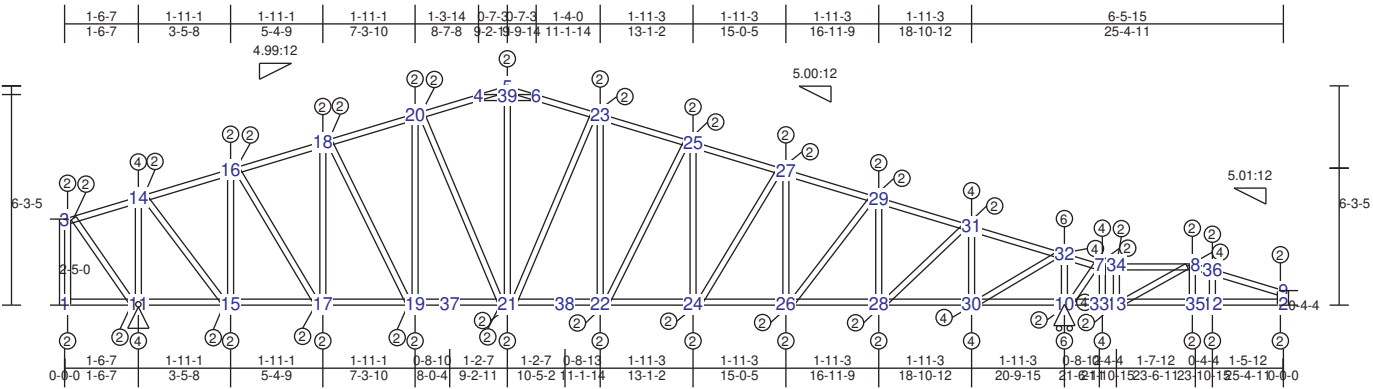
Max Height	Max Width
0-11-14	2-3-5

Member Forces Summary

Top Chord				Bot Chord				Web			
3-6	0.13	346 lbs	-244 lbs	1-5	0.19	-281 lbs	-281 lbs	1-3	0.06	-270 lbs	-270 lbs
4-6	0.18	62 lbs	-35 lbs	2-5	0.12	-12 lbs	-12 lbs	5-6	0.03	-223 lbs	-223 lbs
								2-4	0.01	10 lbs	-9 lbs
								3-5	0.06	402 lbs	-351 lbs

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

TRUSS CT17 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (32 - 7)	TL(V): 0.01 in.	L / 999	(8-36)	L / 240
BC : 0.83 (13 - 35)	LL(V): 0.01 in.	L / 999	(8-36)	L / 360
Web : 0.27 (10 - 32)	DL(V): 0 in.	L / 999	(8-36)	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	(8-36)	2L / 360
	Cant / OH LL: 0.01 in.	2L / 999	(8-36)	2L / 360
	Horiz TL: -0.03 in.		9	
	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 AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
10	HRoll		0 lbs	1710 lbs	0 lbs	0 lbs	0 lbs
11	Pin		-210 lbs	870 lbs	0 lbs	-210 lbs	-210 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
6'-3.6	25'-4.11

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB12-36	0-0-0	0-0-0	Concentrated	Dead	Down	Global	90 lbs	90 lbs	0 in.
WB13-34	0-0-0	0-0-0	Concentrated	Dead	Down	Global	90 lbs	90 lbs	0 in.
WB12-36	0-0-0	0-0-0	Concentrated	Live	Down	Global	135 lbs	135 lbs	0 in.
WB13-34	0-0-0	0-0-0	Concentrated	Live	Down	Global	135 lbs	135 lbs	0 in.
WB12-36	0-0-0	0-0-0	Concentrated	Wind	Down	Global	175 lbs	175 lbs	0 in.
WB13-34	0-0-0	0-0-0	Concentrated	Wind	Down	Global	175 lbs	175 lbs	0 in.
WB12-36	0-0-0	0-0-0	Concentrated	Wind	Down	Global	175 lbs	175 lbs	0 in.
WB13-34	0-0-0	0-0-0	Concentrated	Wind	Down	Global	175 lbs	175 lbs	0 in.
WB12-36	0-0-0	0-0-0	Concentrated	Wind	Down	Global	50 lbs	50 lbs	0 in.
WB13-34	0-0-0	0-0-0	Concentrated	Wind	Down	Global	50 lbs	50 lbs	0 in.

Member Forces Summary

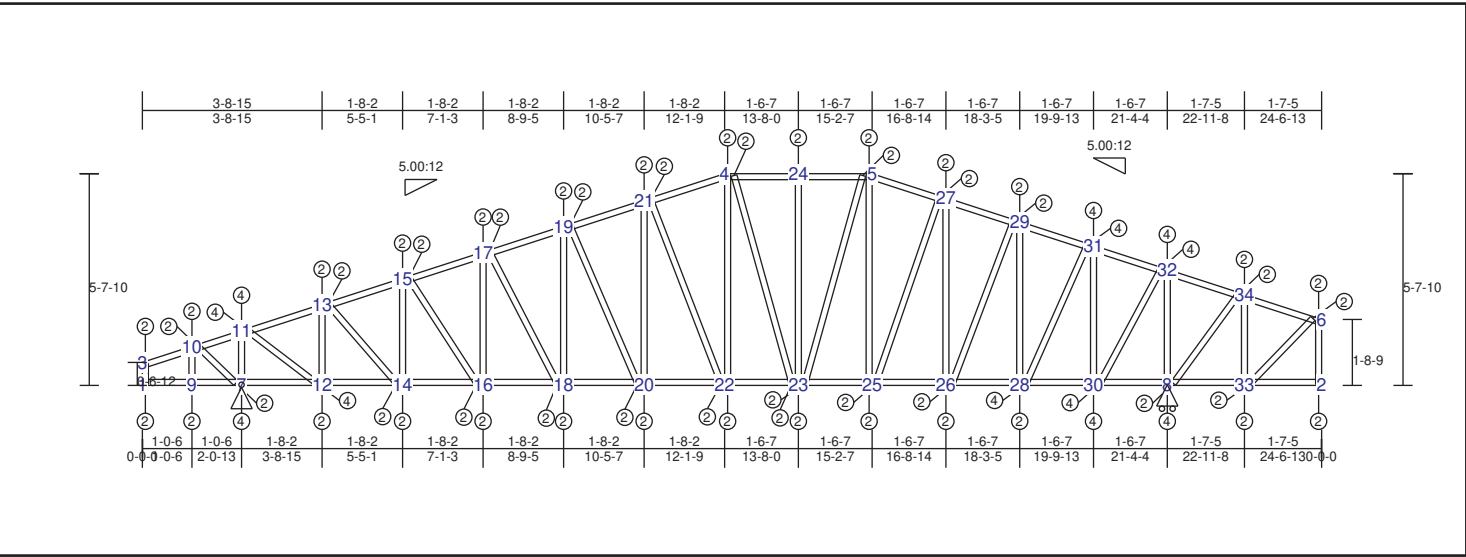
Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force

Top Chord			
5-6	0.08	119 lbs	-111 lbs
6-23	0.19	696 lbs	-606 lbs
23-25	0.23	766 lbs	-679 lbs
25-27	0.20	811 lbs	-700 lbs
27-29	0.24	830 lbs	-700 lbs
29-31	0.41	830 lbs	-603 lbs
31-32	0.69	773 lbs	-248 lbs
7-32	0.78	1389 lbs	0 lbs
7-34	0.53	1062 lbs	0 lbs
8-34	0.42	1062 lbs	-13 lbs
8-36	0.16	93 lbs	-53 lbs

TRUSS CT17 (spacing 24 in)

Top Chord				Bot Chord				Web			
9-36	0.18	93 lbs	-53 lbs	1-11	0.03	240 lbs	-108 lbs	11-14	0.16	-868 lbs	-868 lbs
3-14	0.41	300 lbs	-288 lbs	11-15	0.33	323 lbs	-214 lbs	15-16	0.13	-622 lbs	-622 lbs
14-16	0.36	553 lbs	-541 lbs	15-17	0.33	486 lbs	-340 lbs	17-18	0.09	-342 lbs	-342 lbs
16-18	0.26	658 lbs	-620 lbs	17-19	0.17	538 lbs	-370 lbs	19-20	0.05	158 lbs	-140 lbs
18-20	0.20	689 lbs	-620 lbs	19-21	0.17	544 lbs	-370 lbs	22-23	0.10	-308 lbs	-308 lbs
4-20	0.16	690 lbs	-609 lbs	21-22	0.18	597 lbs	-456 lbs	24-25	0.05	-180 lbs	-180 lbs
4-5	0.09	116 lbs	-110 lbs	22-24	0.15	623 lbs	-548 lbs	26-27	0.06	-298 lbs	-298 lbs
4-39	0.25	546 lbs	-443 lbs	24-26	0.15	623 lbs	-607 lbs	28-29	0.10	-566 lbs	-566 lbs
6-39	0.25	546 lbs	-443 lbs	26-28	0.28	-618 lbs	-618 lbs	30-31	0.16	-984 lbs	-984 lbs
				28-30	0.52	-618 lbs	-618 lbs	10-32	0.27	-1613 lbs	-1613 lbs
				10-30	0.52	-1216 lbs	-1216 lbs	7-33	0.09	901 lbs	0 lbs
				10-33	0.53	-1216 lbs	-1216 lbs	13-34	0.01	142 lbs	0 lbs
				13-33	0.59	-1062 lbs	-1062 lbs	8-35	0.07	748 lbs	-100 lbs
				13-35	0.83	-1062 lbs	-1062 lbs	12-36	0.04	-224 lbs	-224 lbs
				12-35	0.67	-11 lbs	-11 lbs	2-9	0.00	24 lbs	-23 lbs
				2-12	0.25	-11 lbs	-11 lbs	1-3	0.22	3 lbs	0 lbs
								21-39	0.11	-297 lbs	-297 lbs
								14-15	0.12	684 lbs	-607 lbs
								16-17	0.09	414 lbs	-378 lbs
								18-19	0.04	-157 lbs	-157 lbs
								20-21	0.02	-62 lbs	-62 lbs
								24-27	0.02	185 lbs	0 lbs
								26-29	0.04	362 lbs	0 lbs
								28-31	0.08	769 lbs	-166 lbs
								30-32	0.15	1487 lbs	-505 lbs
								7-10	0.06	-350 lbs	-350 lbs
								8-13	0.22	-1342 lbs	-1342 lbs
								3-11	0.01	-36 lbs	-36 lbs
								22-25	0.03	320 lbs	-76 lbs
								21-23	0.06	365 lbs	-182 lbs

TRUSS CT18 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (32 - 34)	TL(V): 0.01 in.	L / 999	(5-27)	L / 240
BC : 0.56 (28 - 30)	LL(V): 0 in.	L / 999	(5-27)	L / 360
Web : 0.23 (8 - 32)	DL(V): 0 in.	L / 999	(5-27)	L / 0
	Cant / OH TL: 0 in.	2L / 3	32	2L / 360
	Cant / OH LL: 0 in.	2L / 3	32	2L / 360
	Horiz TL: 0.01 in.		34	
	Web :			
	Snow/Wind 0 in.	L / 999	(5-27)	L / 360
	Cant (Snow/Wind) 0 in.	L / 3	32	L / 360

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
7	Pin	190 lbs	1230 lbs	0 lbs	-240 lbs	190 lbs	0 lbs
8	HRoll	0 lbs	1390 lbs	0 lbs	-250 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
5-7-10	24-6-13

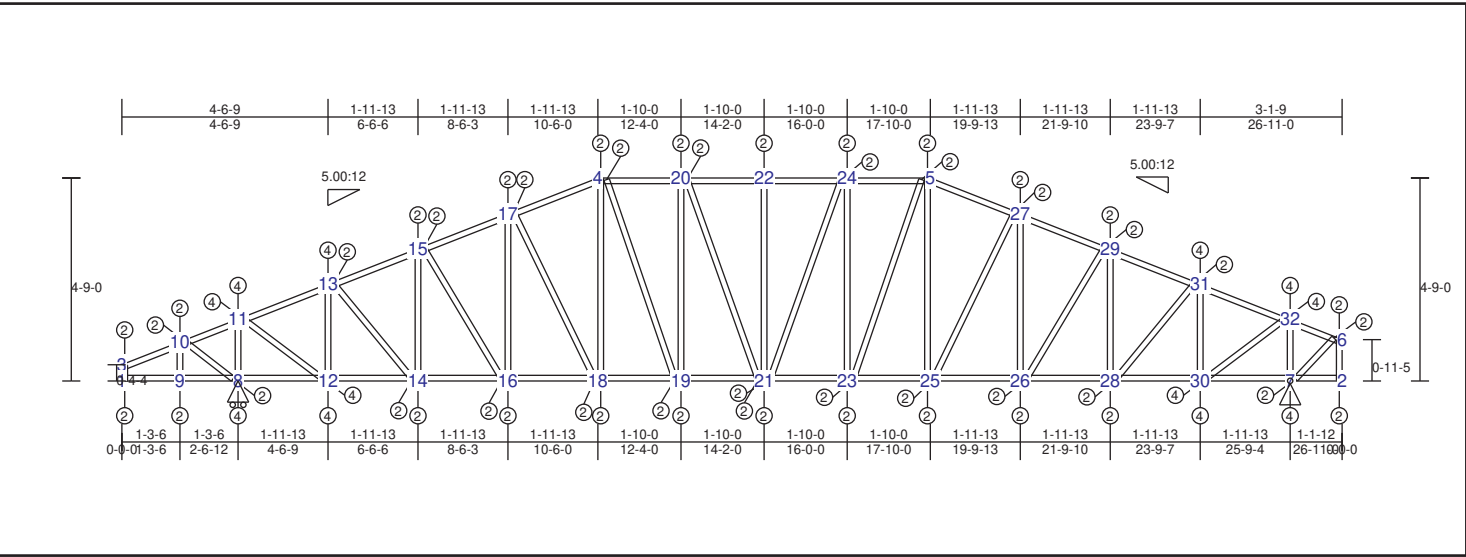
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-10 0.10 63 lbs -33 lbs	1-9 0.14 -25 lbs -25 lbs	1-3 0.01 -34 lbs -34 lbs
10-11 0.56 -317 lbs -317 lbs	7-9 0.14 -216 lbs -216 lbs	9-10 0.01 83 lbs -77 lbs
11-13 0.51 -963 lbs -963 lbs	7-12 0.41 -765 lbs -765 lbs	7-11 0.19 -1183 lbs -1183 lbs
13-15 0.31 -1149 lbs -1149 lbs	12-14 0.41 965 lbs -956 lbs	12-13 0.13 -775 lbs -775 lbs
15-17 0.28 -1156 lbs -1156 lbs	14-16 0.19 1044 lbs -983 lbs	14-15 0.07 -387 lbs -387 lbs
17-19 0.25 -1147 lbs -1147 lbs	16-18 0.19 1044 lbs -983 lbs	16-17 0.03 -134 lbs -134 lbs
19-21 0.27 -1064 lbs -1064 lbs	18-20 0.21 1024 lbs -934 lbs	18-19 0.03 -136 lbs -136 lbs
4-21 0.27 -942 lbs -942 lbs	20-22 0.20 945 lbs -841 lbs	20-21 0.08 -285 lbs -285 lbs
5-27 0.23 -824 lbs -824 lbs	22-23 0.24 833 lbs -722 lbs	4-22 0.14 -426 lbs -426 lbs
27-29 0.27 -824 lbs -824 lbs	23-25 0.20 791 lbs -682 lbs	23-24 0.08 -224 lbs -224 lbs
29-31 0.41 -774 lbs -774 lbs	25-26 0.21 705 lbs -606 lbs	5-25 0.06 -189 lbs -189 lbs
31-32 0.56 -621 lbs -621 lbs	26-28 0.33 653 lbs -577 lbs	26-27 0.12 -421 lbs -421 lbs
32-34 0.58 291 lbs -278 lbs	28-30 0.56 521 lbs -488 lbs	28-29 0.16 -685 lbs -685 lbs
6-34 0.11 125 lbs -99 lbs	8-30 0.56 -305 lbs -305 lbs	30-31 0.22 -1049 lbs -1049 lbs
4-24 0.22 839 lbs -833 lbs	8-33 0.10 173 lbs -144 lbs	8-32 0.23 -1256 lbs -1256 lbs
5-24 0.39 799 lbs -791 lbs	2-33 0.05 -86 lbs -86 lbs	33-34 0.01 82 lbs -78 lbs
		2-6 0.12 8 lbs -5 lbs
		7-10 0.02 156 lbs -141 lbs
		11-12 0.13 1062 lbs -768 lbs
		13-14 0.06 526 lbs -342 lbs
		15-16 0.02 175 lbs -74 lbs
		17-18 0.01 130 lbs -53 lbs
		19-20 0.06 294 lbs -247 lbs
		21-22 0.12 416 lbs -393 lbs
		4-23 0.07 -196 lbs -196 lbs
		5-23 0.13 406 lbs -356 lbs
		25-27 0.03 202 lbs -113 lbs
		26-29 0.08 466 lbs -316 lbs
		28-31 0.12 785 lbs -562 lbs
		30-32 0.15 1064 lbs -780 lbs
		8-34 0.03 184 lbs -177 lbs
		6-33 0.02 97 lbs -95 lbs

TRUSS CT19 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (10 - 11)	TL(V): 0.01 in.	L / 999	(15-17)	L / 240
BC : 0.48 (8 - 12)	LL(V): 0.01 in.	L / 999	(15-17)	L / 360
Web : 0.24 (8 - 11)	DL(V): 0 in.	L / 999	(3-10)	L / 0
	Cant / OH TL: 0 in.	2L / 999	(3-10)	2L / 360
	Cant / OH LL: 0 in.	2L / 999	(3-10)	2L / 360
	Horiz TL: -0.02 in.		12	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-10)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	(3-10)	L / 360

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table				Max Horizontal			
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
7	Pin	110 lbs	1340 lbs	0 lbs	-220 lbs	110 lbs	110 lbs
8	HRoll	0 lbs	1520 lbs	0 lbs	-280 lbs	0 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
4-9-1	26-11-0

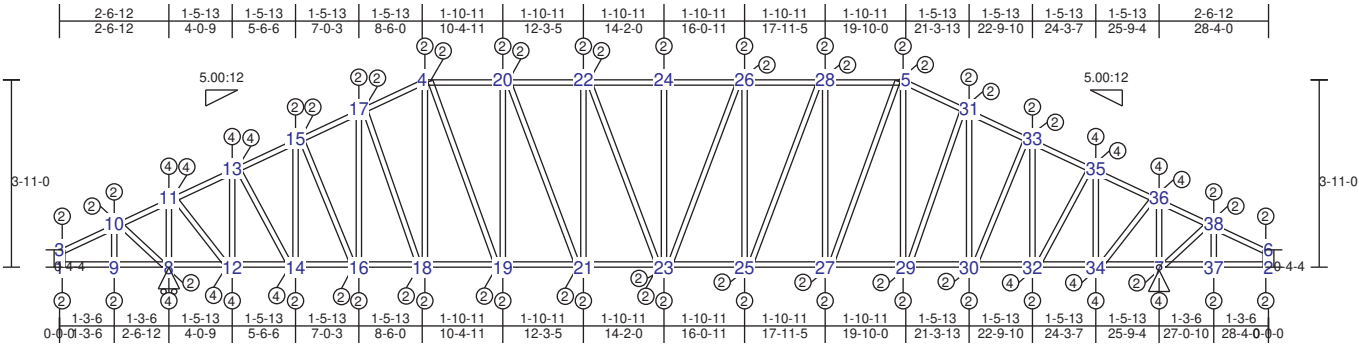
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-10	0.13	77 lbs	-16 lbs	1-9	0.18	-9 lbs	-9 lbs	1-3	0.01	-41 lbs	-41 lbs
10-11	0.70	-335 lbs	-335 lbs	8-9	0.18	-165 lbs	-165 lbs	9-10	0.01	101 lbs	-37 lbs
11-13	0.63	-1261 lbs	-1261 lbs	8-12	0.48	912 lbs	-275 lbs	8-11	0.24	-1450 lbs	-1450 lbs
13-15	0.40	-1506 lbs	-1506 lbs	12-14	0.48	1283 lbs	-380 lbs	12-13	0.15	-889 lbs	-889 lbs
15-17	0.37	-1523 lbs	-1523 lbs	14-16	0.21	1376 lbs	-401 lbs	14-15	0.08	-429 lbs	-429 lbs
4-17	0.35	-1504 lbs	-1504 lbs	16-18	0.17	1376 lbs	-401 lbs	16-17	0.03	-141 lbs	-141 lbs
5-27	0.35	-1526 lbs	-1526 lbs	18-19	0.27	1461 lbs	-424 lbs	4-18	0.02	84 lbs	-64 lbs
27-29	0.37	-1562 lbs	-1562 lbs	19-21	0.27	1503 lbs	-441 lbs	19-20	0.10	-387 lbs	-387 lbs
29-31	0.40	-1552 lbs	-1552 lbs	21-23	0.27	1503 lbs	-441 lbs	21-22	0.04	-165 lbs	-165 lbs
31-32	0.59	-1347 lbs	-1347 lbs	23-25	0.27	1470 lbs	-433 lbs	23-24	0.09	-357 lbs	-357 lbs
6-32	0.67	-518 lbs	-518 lbs	25-26	0.17	1411 lbs	-430 lbs	5-25	0.02	119 lbs	-68 lbs
4-20	0.53	-1461 lbs	-1461 lbs	26-28	0.20	1411 lbs	-430 lbs	26-27	0.02	-96 lbs	-96 lbs
20-22	0.40	-1503 lbs	-1503 lbs	28-30	0.43	1344 lbs	-423 lbs	28-29	0.07	-375 lbs	-375 lbs
22-24	0.39	-1503 lbs	-1503 lbs	7-30	0.43	1018 lbs	-330 lbs	30-31	0.13	-800 lbs	-800 lbs
5-24	0.52	-1470 lbs	-1470 lbs	2-7	0.03	76 lbs	-42 lbs	7-32	0.23	-1399 lbs	-1399 lbs
								2-6	0.02	-5 lbs	-5 lbs
								8-10	0.04	-214 lbs	-214 lbs
								11-12	0.14	1379 lbs	-413 lbs
								13-14	0.06	606 lbs	-172 lbs
								15-16	0.02	190 lbs	-41 lbs
								17-18	0.02	-87 lbs	-87 lbs
								4-19	0.04	394 lbs	-142 lbs
								20-21	0.01	132 lbs	-53 lbs
								21-24	0.01	103 lbs	-41 lbs
								5-23	0.04	363 lbs	-119 lbs
								25-27	0.03	-126 lbs	-126 lbs
								26-29	0.01	138 lbs	-23 lbs
								28-31	0.05	532 lbs	-151 lbs
								30-32	0.12	1247 lbs	-391 lbs
								6-7	0.01	66 lbs	-28 lbs

TRUSS CT20 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (28 - 5)	TL(V): 0.01 in.	L / 999	(17-4)	L / 240
BC : 0.56 (32 - 34)	LL(V): 0.01 in.	L / 999	(17-4)	L / 360
Web : 0.24 (8 - 11)	DL(V): 0 in.	L / 999	(3-10)	L / 0
	Cant / OH TL: 0 in.	2L / 999	(3-10)	2L / 360
	Cant / OH LL: 0 in.	2L / 999	(3-10)	2L / 360
	Horiz TL: -0.02 in.		12	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-10)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	(3-10)	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
7	Pin		-40 lbs	1500 lbs	0 lbs	-240 lbs	-40 lbs
8	HRoll		0 lbs	1500 lbs	0 lbs	-280 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
3-11-1	28-4-0

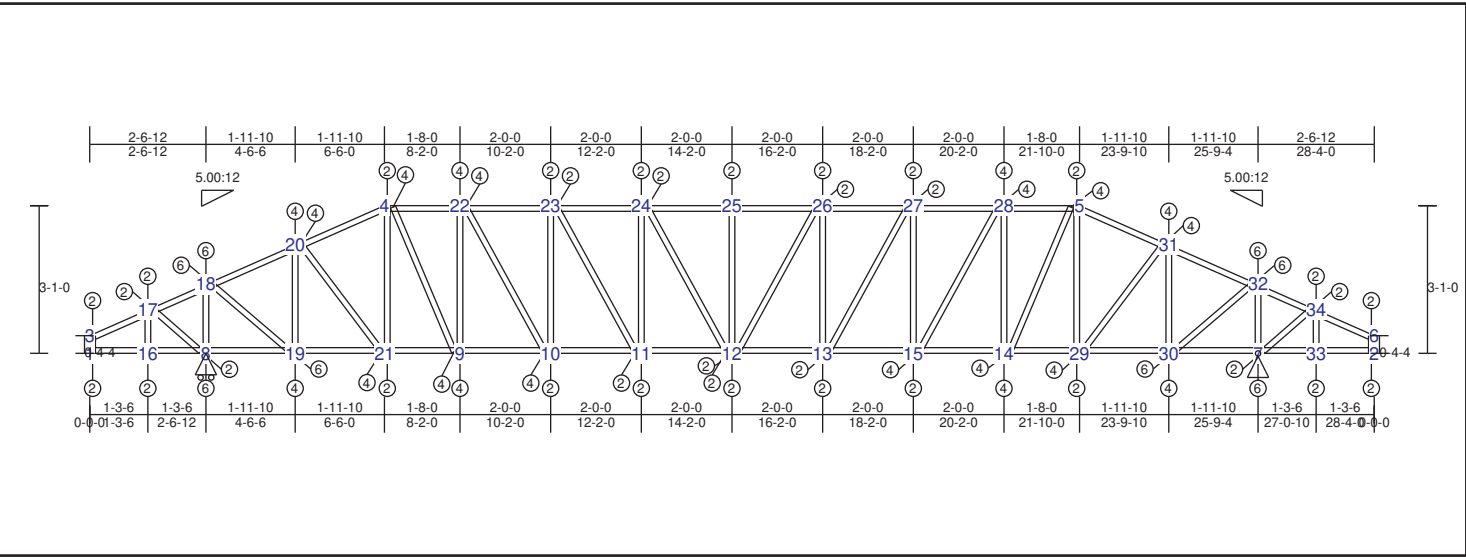
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
3-10	0.14	76 lbs	-15 lbs	1-9	0.17	-9 lbs	-9 lbs	1-3	0.01	-39 lbs	-39 lbs	20-21	0.04	377 lbs	-133 lbs
10-11	0.67	-324 lbs	-324 lbs	8-9	0.17	-175 lbs	-175 lbs	9-10	0.01	96 lbs	-35 lbs	22-23	0.01	123 lbs	-47 lbs
11-13	0.67	-1106 lbs	-1106 lbs	8-12	0.56	713 lbs	-221 lbs	8-11	0.24	-1433 lbs	-1433 lbs	23-26	0.01	123 lbs	-42 lbs
13-15	0.42	-1402 lbs	-1402 lbs	12-14	0.56	1123 lbs	-344 lbs	12-13	0.18	-1067 lbs	-1067 lbs	25-28	0.04	377 lbs	-123 lbs
15-17	0.34	-1488 lbs	-1488 lbs	14-16	0.30	1291 lbs	-391 lbs	14-15	0.11	-615 lbs	-615 lbs	5-27	0.07	661 lbs	-219 lbs
4-17	0.32	-1488 lbs	-1488 lbs	16-18	0.21	1340 lbs	-401 lbs	16-17	0.06	-338 lbs	-338 lbs	29-31	0.01	135 lbs	-17 lbs
5-31	0.32	-1488 lbs	-1488 lbs	18-19	0.36	1590 lbs	-487 lbs	4-18	0.03	-119 lbs	-119 lbs	30-33	0.04	401 lbs	-107 lbs
31-33	0.34	-1488 lbs	-1488 lbs	19-21	0.36	1737 lbs	-539 lbs	19-20	0.14	-628 lbs	-628 lbs	32-35	0.08	792 lbs	-241 lbs
33-35	0.42	-1402 lbs	-1402 lbs	21-23	0.23	1785 lbs	-557 lbs	21-22	0.06	-301 lbs	-301 lbs	34-36	0.13	1345 lbs	-429 lbs
35-36	0.67	-1106 lbs	-1106 lbs	23-25	0.23	1785 lbs	-557 lbs	23-24	0.04	-201 lbs	-201 lbs	7-38	0.04	-227 lbs	-227 lbs
36-38	0.67	-324 lbs	-324 lbs	25-27	0.36	1737 lbs	-543 lbs	25-26	0.06	-301 lbs	-301 lbs				
6-38	0.14	76 lbs	-15 lbs	27-29	0.36	1590 lbs	-495 lbs	27-28	0.14	-628 lbs	-628 lbs				
4-20	0.68	-1590 lbs	-1590 lbs	29-30	0.21	1340 lbs	-413 lbs	5-29	0.03	-119 lbs	-119 lbs				
20-22	0.49	-1737 lbs	-1737 lbs	30-32	0.30	1291 lbs	-407 lbs	30-31	0.06	-338 lbs	-338 lbs				
22-24	0.38	-1785 lbs	-1785 lbs	32-34	0.56	1123 lbs	-362 lbs	32-33	0.11	-615 lbs	-615 lbs				
24-26	0.38	-1785 lbs	-1785 lbs	7-34	0.56	713 lbs	-238 lbs	34-35	0.18	-1067 lbs	-1067 lbs				
26-28	0.49	-1737 lbs	-1737 lbs	7-37	0.17	-175 lbs	-175 lbs	7-36	0.24	-1433 lbs	-1433 lbs				
5-28	0.68	-1590 lbs	-1590 lbs	2-37	0.17	-9 lbs	-9 lbs	37-38	0.01	96 lbs	-35 lbs				
								2-6	0.01	-39 lbs	-39 lbs				
								8-10	0.04	-227 lbs	-227 lbs				
								11-12	0.13	1345 lbs	-412 lbs				
								13-14	0.08	792 lbs	-237 lbs				
								15-16	0.04	401 lbs	-112 lbs				
								17-18	0.01	135 lbs	-27 lbs				
								4-19	0.07	661 lbs	-229 lbs				

TRUSS CT21 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (4 - 22)	TL(V): 0.01 in.	L / 999	(5-31)	L / 240
BC :	0.71 (21 - 9)	LL(V): -0.01 in.	L / 999	(5-31)	L / 360
Web :	0.29 (8 - 18)	DL(V): 0 in.	L / 999	(3-17)	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(3-17)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(3-17)	2L / 360
		Horiz TL: -0.04 in.		19	
		Web :			
		Snow/Wind 0 in.	L / 999	(27-28)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
P.Point	Type						
7	Pin		-20 lbs	1750 lbs	0 lbs	0 lbs	-20 lbs
8	HRoll		0 lbs	1750 lbs	0 lbs	0 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
3'-1-1	28'-4-0

Material Design Pass

Point Loads									
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB9-22	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB12-25	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB10-23	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB13-26	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB15-27	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB14-28	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB11-24	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB4-21	0-0-0	0-0-0	Concentrated	Dead	Down	Global	120 lbs	120 lbs	0 in.
WB5-29	0-0-0	0-0-0	Concentrated	Dead	Down	Global	120 lbs	120 lbs	0 in.
WB9-22	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB12-25	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB10-23	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB13-26	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB15-27	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB14-28	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB11-24	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB4-21	0-0-0	0-0-0	Concentrated	Live	Down	Global	180 lbs	180 lbs	0 in.
WB5-29	0-0-0	0-0-0	Concentrated	Live	Down	Global	180 lbs	180 lbs	0 in.
WB9-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB12-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB10-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB13-26	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.

TRUSS CT21 (spacing 24 in)

Point Loads

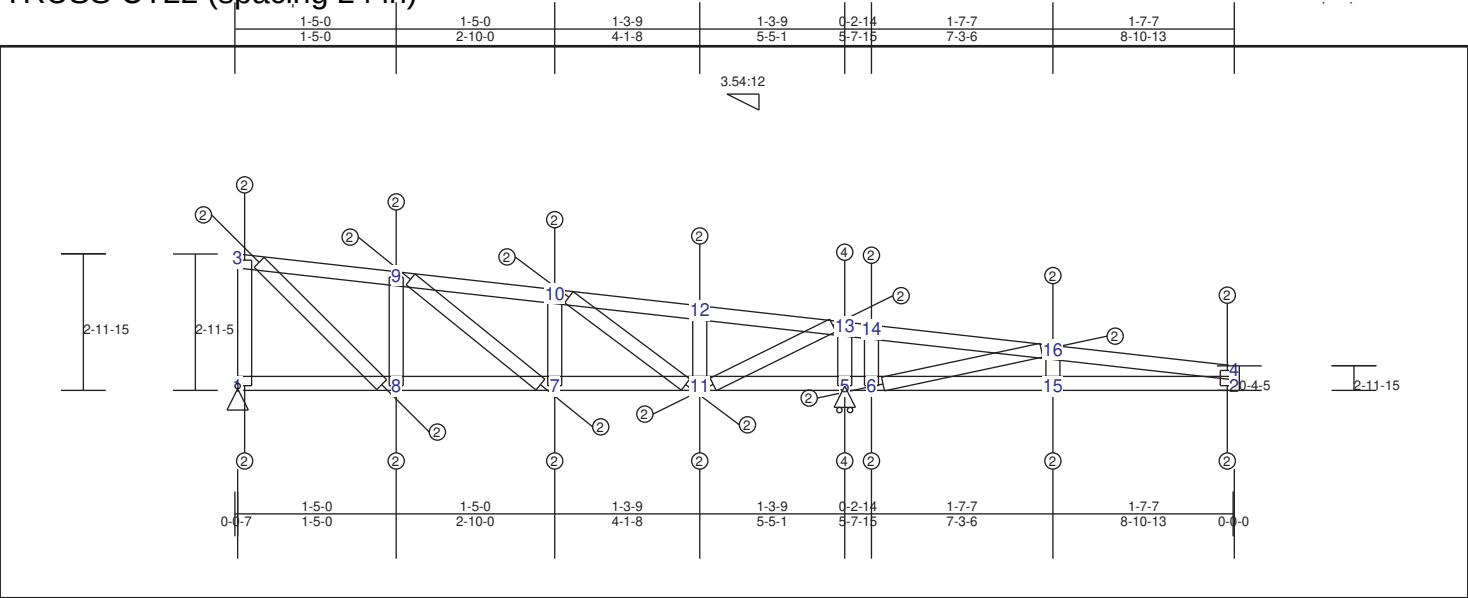
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB15-27	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB14-28	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB11-24	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB4-21	0-0-0	0-0-0	Concentrated	Wind	Down	Global	234 lbs	234 lbs	0 in.
WB5-29	0-0-0	0-0-0	Concentrated	Wind	Down	Global	234 lbs	234 lbs	0 in.
WB9-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB12-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB10-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB13-26	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB15-27	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB14-28	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB11-24	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB4-21	0-0-0	0-0-0	Concentrated	Wind	Down	Global	234 lbs	234 lbs	0 in.
WB5-29	0-0-0	0-0-0	Concentrated	Wind	Down	Global	234 lbs	234 lbs	0 in.
WB9-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB12-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB10-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB13-26	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB15-27	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB14-28	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB11-24	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB4-21	0-0-0	0-0-0	Concentrated	Wind	Down	Global	66 lbs	66 lbs	0 in.
WB5-29	0-0-0	0-0-0	Concentrated	Wind	Down	Global	66 lbs	66 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-17	0.05	40 lbs	-10 lbs	1-16	0.11	-4 lbs	-4 lbs	1-3	0.00	-25 lbs	-25 lbs
17-18	0.84	-604 lbs	-604 lbs	8-16	0.11	67 lbs	-31 lbs	16-17	0.01	58 lbs	-16 lbs
18-20	0.81	-1870 lbs	-1870 lbs	8-19	0.62	1369 lbs	-31 lbs	8-18	0.29	-1781 lbs	-1781 lbs
4-20	0.51	-2125 lbs	-2125 lbs	19-21	0.62	1952 lbs	0 lbs	19-20	0.19	-1165 lbs	-1165 lbs
5-31	0.51	-2125 lbs	-2125 lbs	9-21	0.71	2550 lbs	0 lbs	4-21	0.08	-431 lbs	-431 lbs
31-32	0.81	-1870 lbs	-1870 lbs	9-10	0.71	3064 lbs	0 lbs	9-22	0.21	-1141 lbs	-1141 lbs
32-34	0.84	-604 lbs	-604 lbs	10-11	0.50	3371 lbs	0 lbs	10-23	0.12	-638 lbs	-638 lbs
6-34	0.05	40 lbs	-10 lbs	11-12	0.47	3475 lbs	0 lbs	11-24	0.06	-301 lbs	-301 lbs
4-22	0.92	-2550 lbs	-2550 lbs	12-13	0.47	3475 lbs	0 lbs	12-25	0.02	-110 lbs	-110 lbs
22-23	0.72	-3064 lbs	-3064 lbs	13-15	0.50	3371 lbs	0 lbs	13-26	0.06	-301 lbs	-301 lbs
23-24	0.67	-3371 lbs	-3371 lbs	14-15	0.71	3064 lbs	0 lbs	15-27	0.12	-638 lbs	-638 lbs
24-25	0.64	-3475 lbs	-3475 lbs	14-29	0.71	2550 lbs	0 lbs	14-28	0.21	-1141 lbs	-1141 lbs
25-26	0.64	-3475 lbs	-3475 lbs	29-30	0.62	1952 lbs	0 lbs	5-29	0.08	-431 lbs	-431 lbs
26-27	0.67	-3371 lbs	-3371 lbs	7-30	0.62	1369 lbs	-31 lbs	30-31	0.19	-1165 lbs	-1165 lbs
27-28	0.72	-3064 lbs	-3064 lbs	7-33	0.11	69 lbs	-31 lbs	7-32	0.29	-1781 lbs	-1781 lbs
5-28	0.92	-2550 lbs	-2550 lbs	2-33	0.11	-4 lbs	-4 lbs	33-34	0.01	58 lbs	-16 lbs
								2-6	0.00	-25 lbs	-25 lbs
								8-17	0.01	86 lbs	-40 lbs
								18-19	0.18	1799 lbs	0 lbs
								20-21	0.09	934 lbs	0 lbs
								10-22	0.10	1023 lbs	0 lbs
								11-23	0.06	612 lbs	0 lbs
								12-24	0.02	207 lbs	0 lbs
								12-26	0.02	207 lbs	0 lbs
								13-27	0.06	612 lbs	0 lbs
								15-28	0.10	1023 lbs	0 lbs
								29-31	0.09	934 lbs	0 lbs
								30-32	0.18	1799 lbs	0 lbs
								7-34	0.01	87 lbs	-40 lbs
								4-9	0.15	1466 lbs	0 lbs
								5-14	0.15	1465 lbs	0 lbs

TRUSS CT22 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (14 - 16)	TL(V): 0 in.	L / 999	3	L / 240
BC :	0.29 (11 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.44 (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: -0.01 in.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-320 lbs	250 lbs	0 lbs	0 lbs	-320 lbs
5	HRoll		0 lbs	1130 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-0-1	8-11-3

Material Design Pass

Point Loads

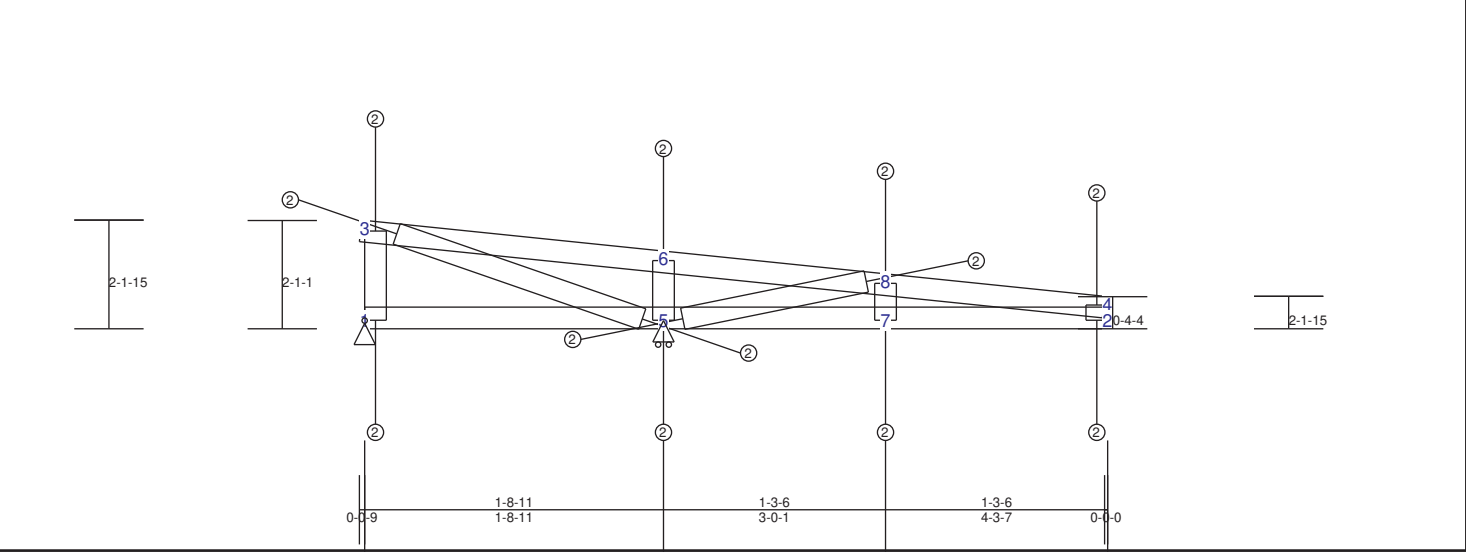
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB7-10	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB6-14	0-0-0	0-0-0	Concentrated	Dead	Down	Global	100 lbs	100 lbs	0 in.
WB7-10	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB6-14	0-0-0	0-0-0	Concentrated	Live	Down	Global	150 lbs	150 lbs	0 in.
WB7-10	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB6-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	195 lbs	195 lbs	0 in.
WB7-10	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB6-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	195 lbs	195 lbs	0 in.
WB7-10	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.
WB6-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	55 lbs	55 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.18	-205 lbs	-205 lbs	1-8	0.16	375 lbs	-61 lbs	1-3	0.44	-261 lbs	-261 lbs
9-10	0.14	-162 lbs	-162 lbs	7-8	0.16	316 lbs	-29 lbs	8-9	0.05	-288 lbs	-288 lbs
10-12	0.15	-226 lbs	-226 lbs	7-11	0.29	312 lbs	-59 lbs	7-10	0.02	212 lbs	0 lbs
12-13	0.38	287 lbs	-251 lbs	5-11	0.29	-456 lbs	-456 lbs	11-12	0.02	-136 lbs	-136 lbs
13-14	0.41	580 lbs	-321 lbs	5-6	0.13	-456 lbs	-456 lbs	5-13	0.17	-1049 lbs	-1049 lbs
14-16	0.41	580 lbs	-321 lbs	6-15	0.23	-456 lbs	-456 lbs	6-14	0.03	337 lbs	-39 lbs
4-16	0.26	70 lbs	-23 lbs	2-15	0.23	-14 lbs	-14 lbs	15-16	0.01	115 lbs	-78 lbs
								2-4	0.01	-39 lbs	-39 lbs
								3-8	0.03	293 lbs	-168 lbs
								7-9	0.01	91 lbs	-9 lbs
								10-11	0.08	-446 lbs	-446 lbs
								11-13	0.06	649 lbs	-221 lbs
								6-16	0.09	-522 lbs	-522 lbs

TRUSS CT23 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 in.	L / 999	3	L / 240
BC : 0.18 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.22 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-220 lbs	-130 lbs	-110 lbs	-30 lbs	-220 lbs
5	HRoll		0 lbs	560 lbs	0 lbs	-50 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-2-0	4-4-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.12	275 lbs	-152 lbs	1-5	0.18	259 lbs	-224 lbs	1-3	0.22	142 lbs	-31 lbs
6-8	0.27	275 lbs	-155 lbs	5-7	0.18	232 lbs	-224 lbs	5-6	0.01	113 lbs	-88 lbs
4-8	0.17	67 lbs	-24 lbs	2-7	0.17	-14 lbs	-14 lbs	7-8	0.01	-89 lbs	-89 lbs
								2-4	0.01	35 lbs	-30 lbs
								3-5	0.07	-388 lbs	-388 lbs
								5-8	0.05	296 lbs	-291 lbs

The diagram illustrates a three-bay portal frame structure. Key components and labels include:

- Columns:** Three vertical columns are shown, each labeled with a circled '2' at both the top and bottom. The columns are connected by horizontal beams.
- Beams:** Horizontal beams connect the columns. The top beam is labeled '1-3-1' in the middle bay and '1-3-15' at the ends. The bottom beam is labeled '1-1-11' in the middle bay and '1-1-11' at the ends.
- Dimensions and Labels:**
 - A dimension '2' is indicated at the top of each column.
 - A dimension '2' is indicated at the bottom of each column.
 - A dimension '2' is indicated at the top of the middle column.
 - A dimension '2' is indicated at the bottom of the middle column.
 - A dimension '2' is indicated at the top of the right column.
 - A dimension '2' is indicated at the bottom of the right column.
 - A dimension '2' is indicated at the top of the left column.
 - A dimension '2' is indicated at the bottom of the left column.
 - A dimension '2' is indicated at the top of the middle column.
 - A dimension '2' is indicated at the bottom of the middle column.
 - A dimension '2' is indicated at the top of the right column.
 - A dimension '2' is indicated at the bottom of the right column.
 - A dimension '2' is indicated at the top of the left column.
 - A dimension '2' is indicated at the bottom of the left column.
- Other Labels:**
 - '1-3-1' is labeled on the top beam in the middle bay.
 - '1-3-15' is labeled on the top beam at the ends.
 - '1-1-11' is labeled on the bottom beam in the middle bay.
 - '1-1-11' is labeled on the bottom beam at the ends.
 - '1-3-1' is labeled on the top beam in the middle bay.
 - '1-3-15' is labeled on the top beam at the ends.
 - '1-1-11' is labeled on the bottom beam in the middle bay.
 - '1-1-11' is labeled on the bottom beam at the ends.

Max CSI Summary	Deflection	L/	(Loq)	Max. Allowed
TC : 0.20 (6 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.21 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.09 (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

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		210 lbs	230 lbs	0 lbs	-30 lbs	210 lbs
3	VRoll		-210 lbs	0 lbs	0 lbs	0 lbs	-210 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

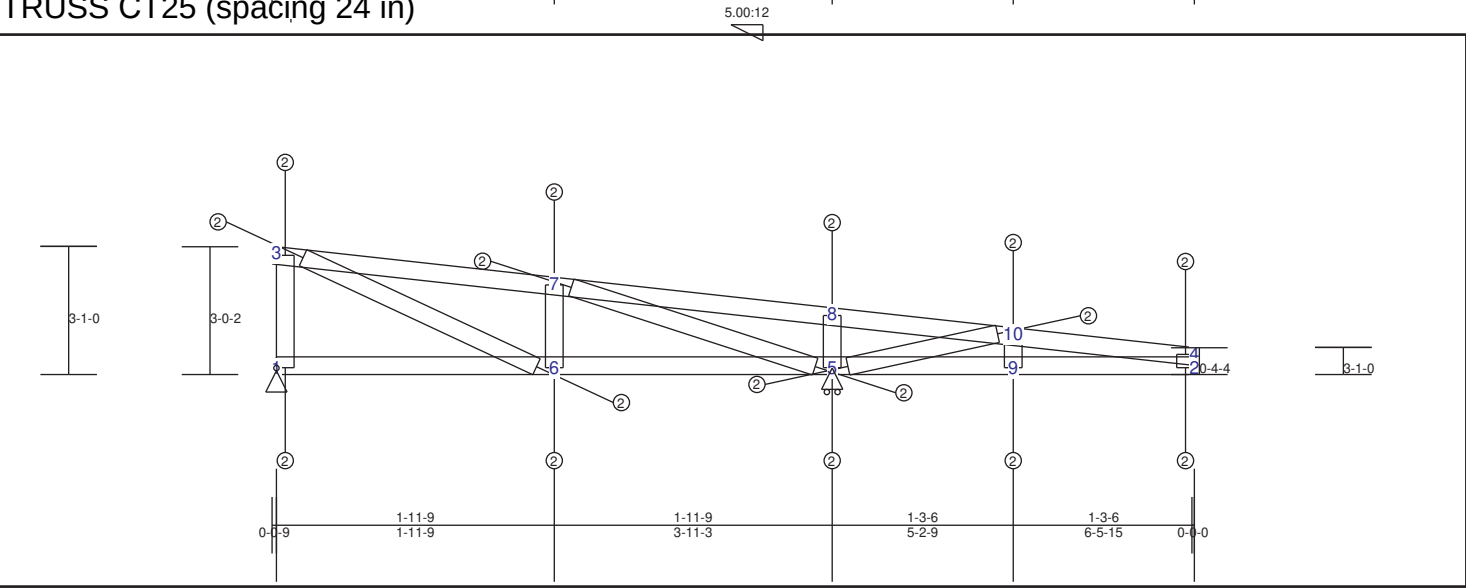
Max Height	Max Width
1-3-15	2-4-0

Member Forces Summary

Top Chord			Bot Chord			Web					
3-6	0.14	306 lbs	-199 lbs	1-5	0.21	-215 lbs	-215 lbs	1-3	0.09	-281 lbs	-281 lbs
4-6	0.20	92 lbs	-49 lbs	2-5	0.12	-14 lbs	-14 lbs	5-6	0.04	-230 lbs	-230 lbs
								2-4	0.01	12 lbs	-10 lbs
								3-5	0.06	367 lbs	-342 lbs

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

TRUSS CT25 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 10)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.18 (6 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.47 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-320 lbs	-150 lbs	0 lbs	-50 lbs	-320 lbs
5	HRoll		0 lbs	560 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-1-0	6-6-8

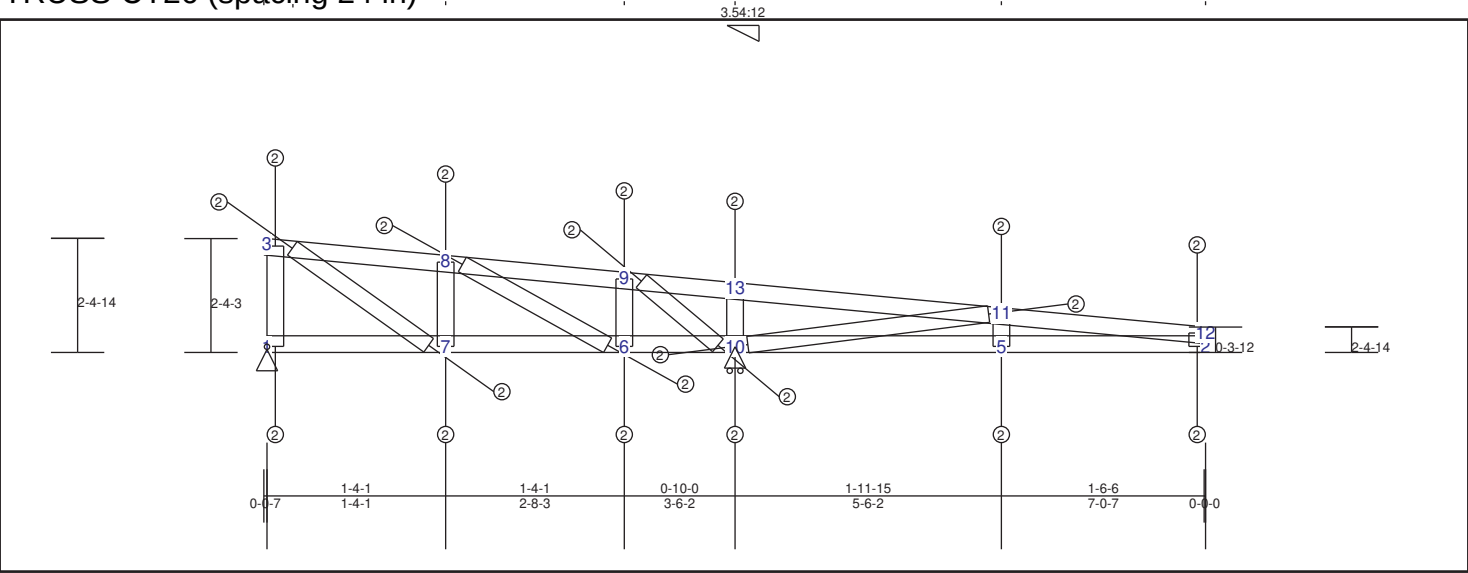
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.16	-261 lbs	-261 lbs	1-6	0.14	385 lbs	-63 lbs	1-3	0.47	310 lbs	-119 lbs
7-8	0.21	282 lbs	-135 lbs	5-6	0.18	244 lbs	-221 lbs	6-7	0.03	260 lbs	-48 lbs
8-10	0.27	282 lbs	-149 lbs	5-9	0.18	227 lbs	-221 lbs	5-8	0.02	97 lbs	-95 lbs
4-10	0.17	66 lbs	-22 lbs	2-9	0.17	-14 lbs	-14 lbs	9-10	0.01	-78 lbs	-78 lbs
								2-4	0.01	34 lbs	-30 lbs
								3-6	0.06	-287 lbs	-287 lbs
								5-7	0.07	-396 lbs	-396 lbs
								5-10	0.05	289 lbs	-286 lbs

TRUSS CT26 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (13 - 11)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.34 (6 - 10)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.27 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	-250 lbs	-70 lbs	0 lbs	0 lbs	0 lbs	-250 lbs
10	HRoll	0 lbs	810 lbs	0 lbs	-50 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-4-15	7-0-15

Material Design Pass

Point Loads

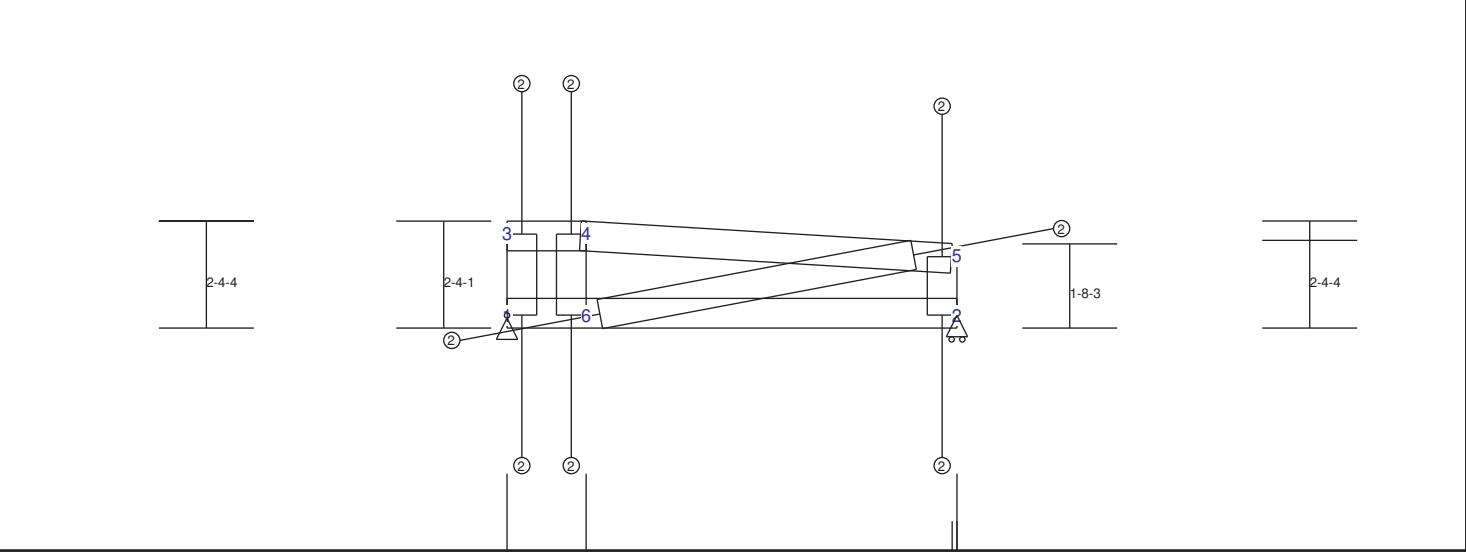
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB6-9	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.07	-148 lbs	-148 lbs	1-7	0.04	297 lbs	-48 lbs	1-3	0.27	121 lbs	-23 lbs
8-9	0.14	247 lbs	-237 lbs	6-7	0.16	351 lbs	-207 lbs	7-8	0.01	78 lbs	-46 lbs
9-13	0.28	519 lbs	-351 lbs	6-10	0.34	-474 lbs	-474 lbs	6-9	0.05	505 lbs	-181 lbs
11-13	0.40	519 lbs	-369 lbs	5-10	0.31	-474 lbs	-474 lbs	5-11	0.01	58 lbs	-57 lbs
4-11	0.27	54 lbs	-16 lbs	2-5	0.18	-12 lbs	-12 lbs	2-4	0.01	30 lbs	-30 lbs
								10-13	0.01	64 lbs	-36 lbs
								3-7	0.01	-59 lbs	-59 lbs
								6-8	0.06	-367 lbs	-367 lbs
								10-11	0.08	-510 lbs	-510 lbs
								9-10	0.12	-748 lbs	-748 lbs

TRUSS CT27 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicated are number of # 10, 0.19 in. screws types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (4 - 5)	TL(V): 0 in.	L / 999 (4-5)	L / 240
BC : 0.38 (6 - 2)	LL(V): 0 in.	L / 999 (4-5)	L / 360
Web : 0.27 (1 - 3)	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.	4	
	Web :		
	Snow/Wind 0 in.	L / 999 (4-5)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

Load Summary
1)This Truss has been designed in accordance with AISI 2016.
2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
4)Snow Criteria: None
5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-200 lbs	-150 lbs	0 lbs	0 lbs	-200 lbs
2	HRoll		0 lbs	130 lbs	0 lbs	-50 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	Material
Bot Chd	350S150-43(50)	Sheathing	Material
Web	350S150-43(50)	Sheathing	Material

Truss Dimensions

Max Height	Max Width
2-4-4	1-10-12

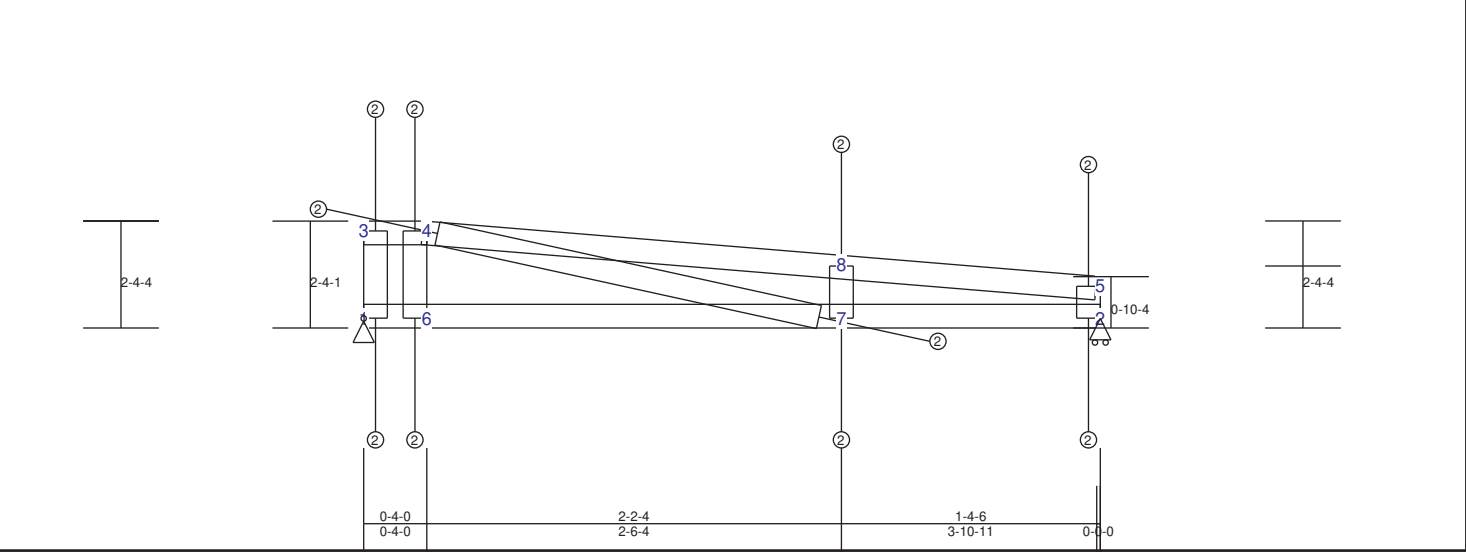
Material Design Pass

Member Forces Summary

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

Top Chord		Bot Chord		Web	
4-5	0.17 -144 lbs	1-6	0.28 218 lbs	1-3	0.27 -15 lbs
3-4	0.05 -117 lbs	2-6	0.38 218 lbs	4-6	0.02 127 lbs
				2-5	0.14 -216 lbs
				5-6	0.03 317 lbs

TRUSS CT28 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of # 10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (4 - 8)	TL(V): 0.05 in.	L / 852 (4-8)	L / 240
BC : 0.43 (6 - 7)	LL(V): 0.03 in.	L / 999 (4-8)	L / 360
Web : 0.27 (1 - 3)	DL(V): 0.02 in.	L / 999 (4-8)	L / 0
	Cant / OH TL: 0.01 in.	2L / 1 (8-5)	2L / 360
	Cant / OH LL: 0.01 in.	2L / 1 (8-5)	2L / 360
	Horiz TL: 0.04 in.	5	
	Web :		
	Snow/Wind -0.02 in.	L / 999 (4-8)	L / 360
	Cant (Snow/Wind) -0.01 in.	L / 1 (8-5)	L / 360

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-230 lbs	200 lbs	0 lbs	-40 lbs	-230 lbs
2	HRoll		0 lbs	200 lbs	0 lbs	-20 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions

Max Height	Max Width
2-4-5	3-10-11

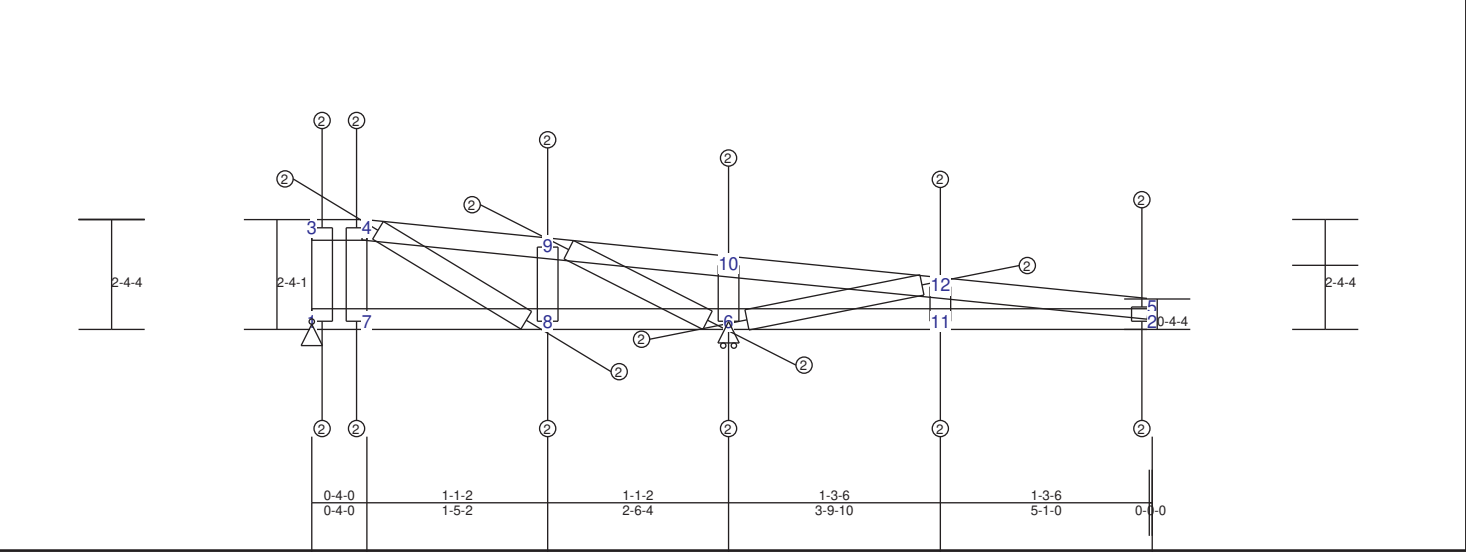
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-8	0.41	-225 lbs	-225 lbs	1-6	0.30	263 lbs	-35 lbs	1-3	0.27	-66 lbs	-66 lbs
5-8	0.28	115 lbs	-46 lbs	6-7	0.43	263 lbs	-40 lbs	4-6	0.04	389 lbs	-195 lbs
3-4	0.16	-117 lbs	-117 lbs	2-7	0.43	-40 lbs	-40 lbs	2-5	0.04	-118 lbs	-118 lbs
								7-8	0.02	237 lbs	-100 lbs
								4-7	0.07	-376 lbs	-376 lbs

TRUSS CT29 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (10 - 12)	TL(V): 0 in.	L / 999	(3-4)	L / 240
BC : 0.22 (1 - 7)	LL(V): 0 in.	L / 999	(3-4)	L / 360
Web : 0.27 (1 - 3)	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: -0.01 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-4)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-240 lbs	-110 lbs	-10 lbs	-30 lbs	-240 lbs
6	HRoll		0 lbs	540 lbs	0 lbs	-50 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-4-5	5-1-0

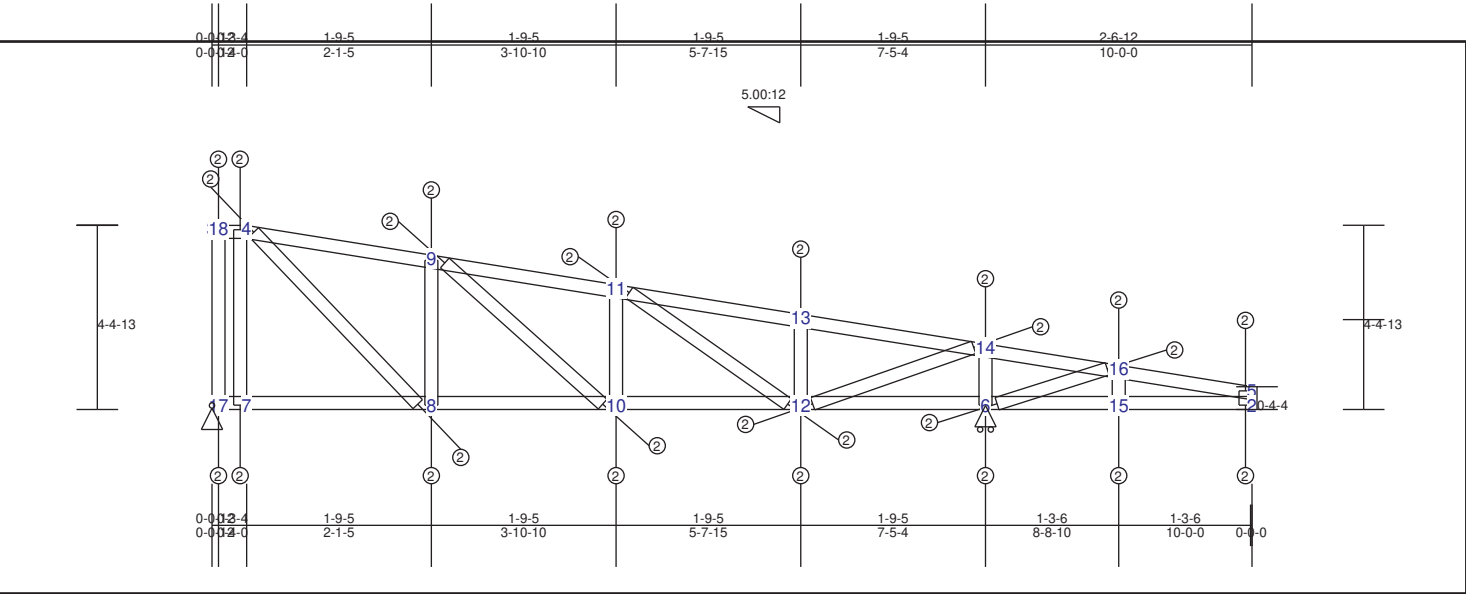
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-4 0.12 -117 lbs	1-7 0.22 290 lbs	1-3 0.27 -47 lbs
4-9 0.09 -194 lbs	7-8 0.16 290 lbs	4-7 0.03 291 lbs
9-10 0.13 283 lbs	6-8 0.19 238 lbs	8-9 0.02 164 lbs
10-12 0.27 283 lbs	6-11 0.19 238 lbs	6-10 0.00 38 lbs
5-12 0.18 67 lbs	2-11 0.16 -14 lbs	11-12 0.01 -77 lbs
		2-5 0.01 32 lbs
		4-8 0.03 -189 lbs
		6-9 0.07 -410 lbs
		6-12 0.05 -303 lbs

TRUSS CT30 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (14 - 16)	TL(V): 0 in.	L / 999	(3-18)	L / 240
BC : 0.42 (17 - 7)	LL(V): 0 in.	L / 999	(3-18)	L / 360
Web : 0.13 (4 - 8)	DL(V): 0 in.	L / 999	(3-18)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-18)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	HRoll		0 lbs	710 lbs	0 lbs	-50 lbs	0 lbs
17	Pin		-210 lbs	360 lbs	0 lbs	-110 lbs	-210 lbs

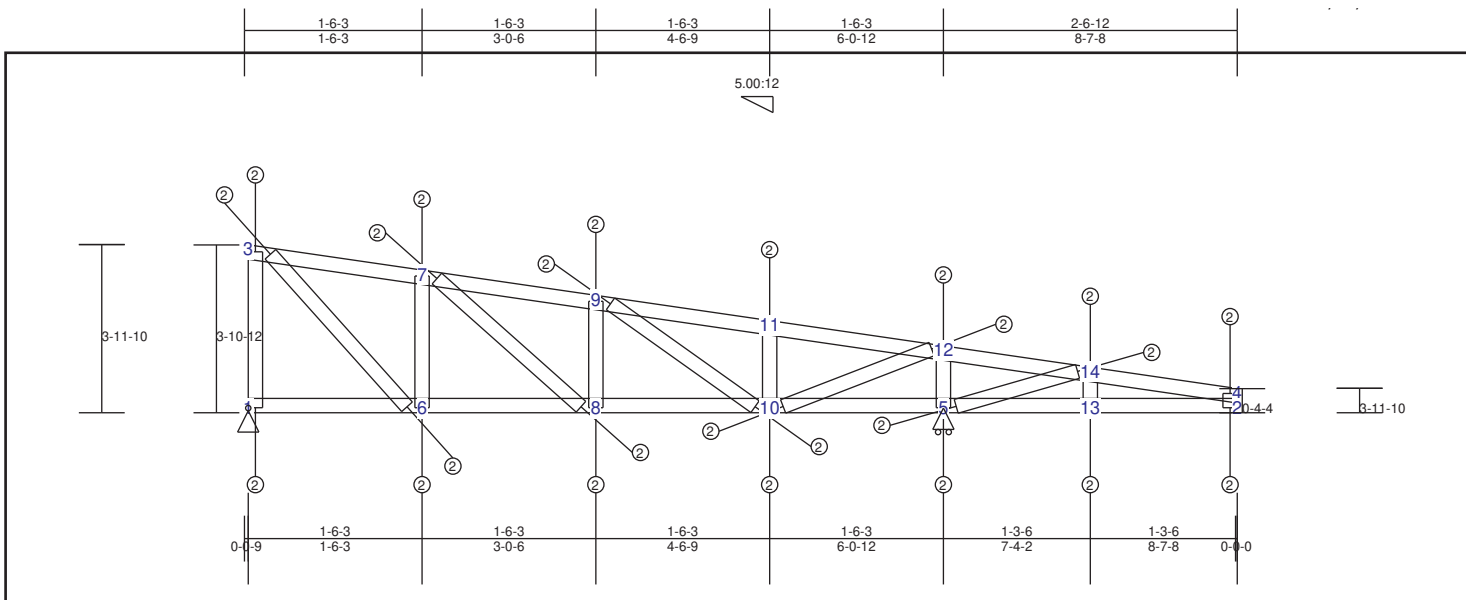
Materials			Material Exceptions		
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions
Max Height 4-4-14
Max Width 10-0-0

Material Design Pass
Member Forces Summary

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

Top Chord			Bot Chord			Web		
3-18	0.05	0 lbs	1-17	0.22	346 lbs	4-7	0.12	555 lbs
4-18	0.23	0 lbs	7-17	0.42	346 lbs	8-9	0.07	409 lbs
4-9	0.23	-215 lbs	7-8	0.31	346 lbs	10-11	0.02	209 lbs
9-11	0.23	-253 lbs	8-10	0.19	205 lbs	12-13	0.04	-215 lbs
11-13	0.12	-253 lbs	10-12	0.16	205 lbs	6-14	0.10	-596 lbs
13-14	0.26	-195 lbs	6-12	0.17	215 lbs	15-16	0.01	97 lbs
14-16	0.29	252 lbs	6-15	0.17	215 lbs	2-5	0.01	-37 lbs
5-16	0.16	77 lbs	2-15	0.17	-14 lbs	17-18	0.02	-93 lbs
						4-8	0.13	-501 lbs
						9-10	0.05	-246 lbs
						11-12	0.02	-122 lbs
						12-14	0.05	487 lbs
						6-16	0.05	-277 lbs



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

Max CSI Summary	Deflection	L / Spanning (Loc)	Max. Allowed
TC : 0.26 (12 - 14)	TL(V) : 0 in.	L / 999	L / 240
BC : 0.23 (1 - 6)	LL(V) : 0 in.	L / 999	L / 360
Web : 0.79 (1 - 3)	DL(V) : 0 in.	L / 999	L / 0
	Cant / OH TL : 0 in.	2L / 999	2L / 0
	Cant / OH LL : 0 in.	2L / 999	2L / 0
	Horiz TL : -0.01 in.		4
Web :			
	Snow/Wind 0 in.	L / 999	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	L / 0

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-420 lbs	270 lbs	0 lbs	-70 lbs	-420 lbs
5	HRoll		0 lbs	650 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-11-11	8-8-1

Material Design Pass

Member Forces Summary

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

Top Chord			Bot Chord			Web					
3-7	0.23	-359 lbs	-359 lbs	1-6	0.23	507 lbs	-84 lbs	1-3	0.79	452 lbs	-273 lbs
7-9	0.22	-250 lbs	-250 lbs	6-8	0.23	377 lbs	-53 lbs	6-7	0.06	444 lbs	-295 lbs
9-11	0.13	-165 lbs	-165 lbs	8-10	0.15	263 lbs	-30 lbs	8-9	0.03	262 lbs	-49 lbs
11-12	0.23	106 lbs	-102 lbs	5-10	0.17	228 lbs	-220 lbs	10-11	0.03	-190 lbs	-190 lbs
12-14	0.26	256 lbs	-149 lbs	5-13	0.17	228 lbs	-220 lbs	5-12	0.09	-527 lbs	-527 lbs
4-14	0.17	77 lbs	-27 lbs	2-13	0.17	-14 lbs	-14 lbs	13-14	0.01	95 lbs	-78 lbs
								2-4	0.01	-36 lbs	-36 lbs
								3-6	0.10	-434 lbs	-434 lbs
								7-8	0.06	-314 lbs	-314 lbs
								9-10	0.03	-154 lbs	-154 lbs
								10-12	0.04	426 lbs	-204 lbs
								5-14	0.05	290 lbs	-285 lbs

Load Summary

1) This Truss has been designed in accordance with AISI 2016.

2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf

3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00

mph, Exposure: D, Building Classification: II,

Enclosure Classification: Enclosed, Mean Roof Height:

45.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type:

Gable, Roof Pitch: 5.00:12. This truss is not in a

hurricane region. C&C Wind Tributary Effective Area:

300.00 ft². This truss is not in the end zone of the roof.

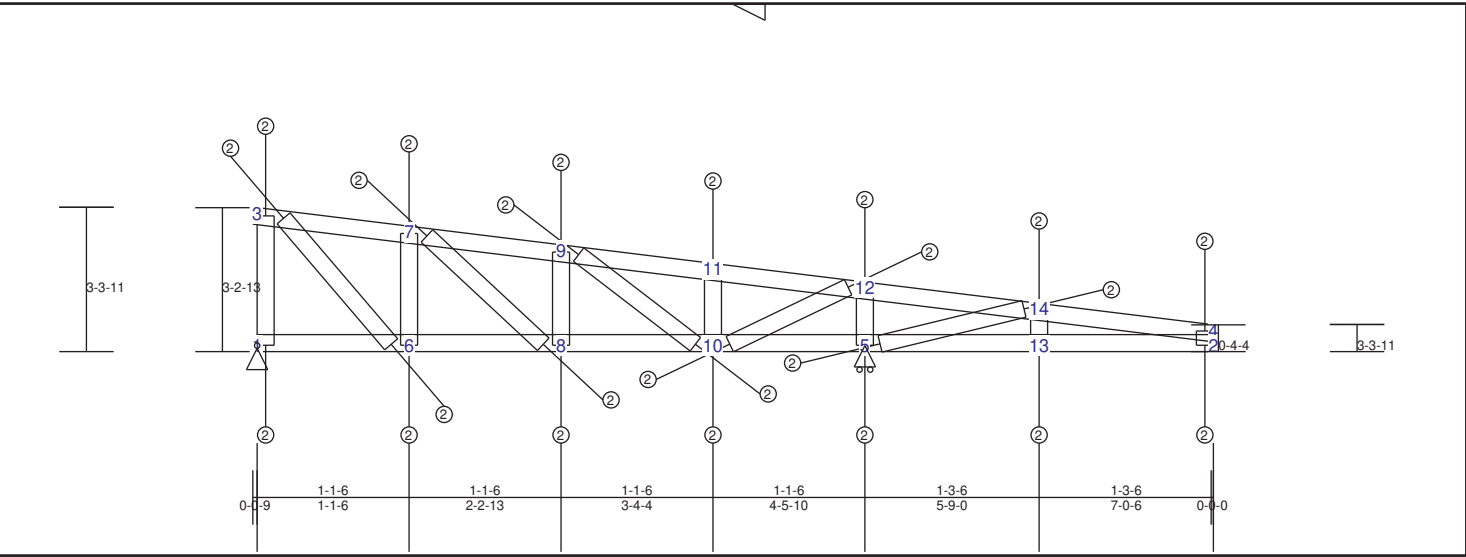
Left end web is not exposed to wind. Right end web is

exposed to wind. Ground elevation: 0 ft.

4) Snow Criteria: None

5) For Wall Truss when sheathed $L_y = 12$ inches is used

TRUSS CT32 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.26 (12 - 14)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.18 (1 - 6)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.54 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-50 lbs	580 lbs	0 lbs	-50 lbs	-50 lbs
5	HRoll		0 lbs	580 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-3-11	7-0-15

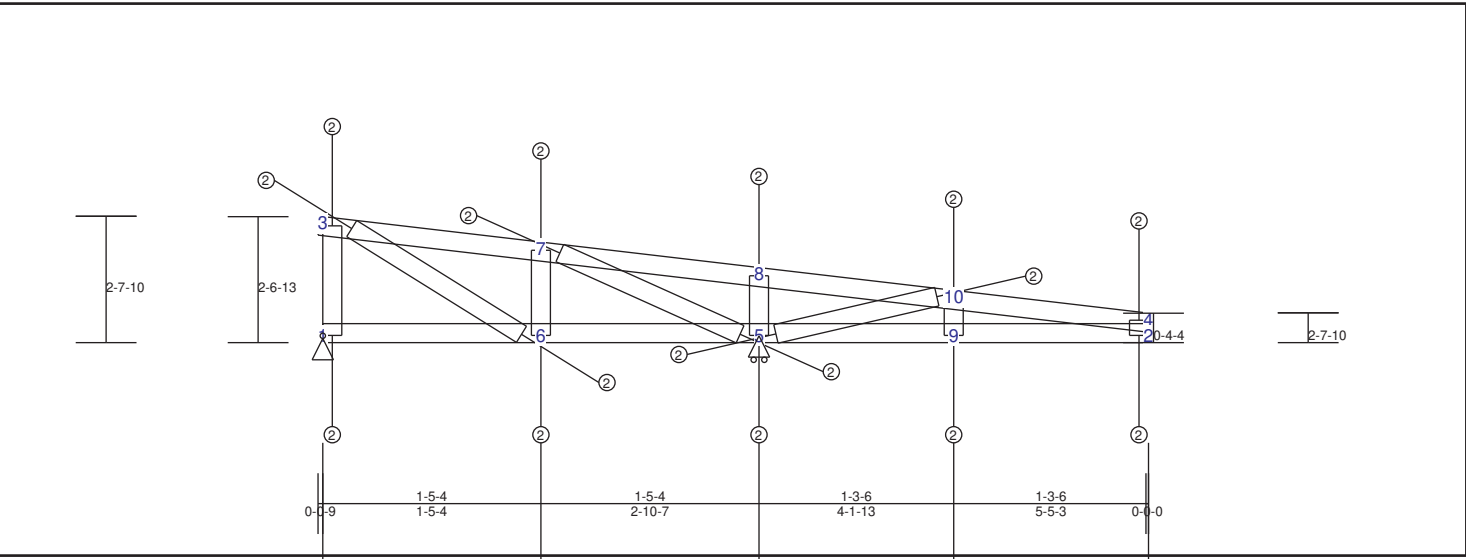
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.18	-288 lbs	-288 lbs	1-6	0.18	416 lbs	-68 lbs	1-3	0.54	353 lbs	-165 lbs
7-9	0.15	-224 lbs	-224 lbs	6-8	0.18	333 lbs	-50 lbs	6-7	0.04	362 lbs	-171 lbs
9-11	0.08	-142 lbs	-142 lbs	8-10	0.15	257 lbs	-38 lbs	8-9	0.02	206 lbs	-29 lbs
11-12	0.21	-120 lbs	-120 lbs	5-10	0.17	233 lbs	-227 lbs	10-11	0.03	-154 lbs	-154 lbs
12-14	0.26	259 lbs	-152 lbs	5-13	0.16	233 lbs	-227 lbs	5-12	0.08	-460 lbs	-460 lbs
4-14	0.17	76 lbs	-26 lbs	2-13	0.16	-14 lbs	-14 lbs	13-14	0.01	91 lbs	-77 lbs
								2-4	0.01	-34 lbs	-34 lbs
								3-6	0.07	-341 lbs	-341 lbs
								7-8	0.05	-251 lbs	-251 lbs
								9-10	0.03	-200 lbs	-200 lbs
								10-12	0.04	382 lbs	-179 lbs
								5-14	0.05	297 lbs	-295 lbs

TRUSS CT33 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 10)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.18 (6 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.34 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

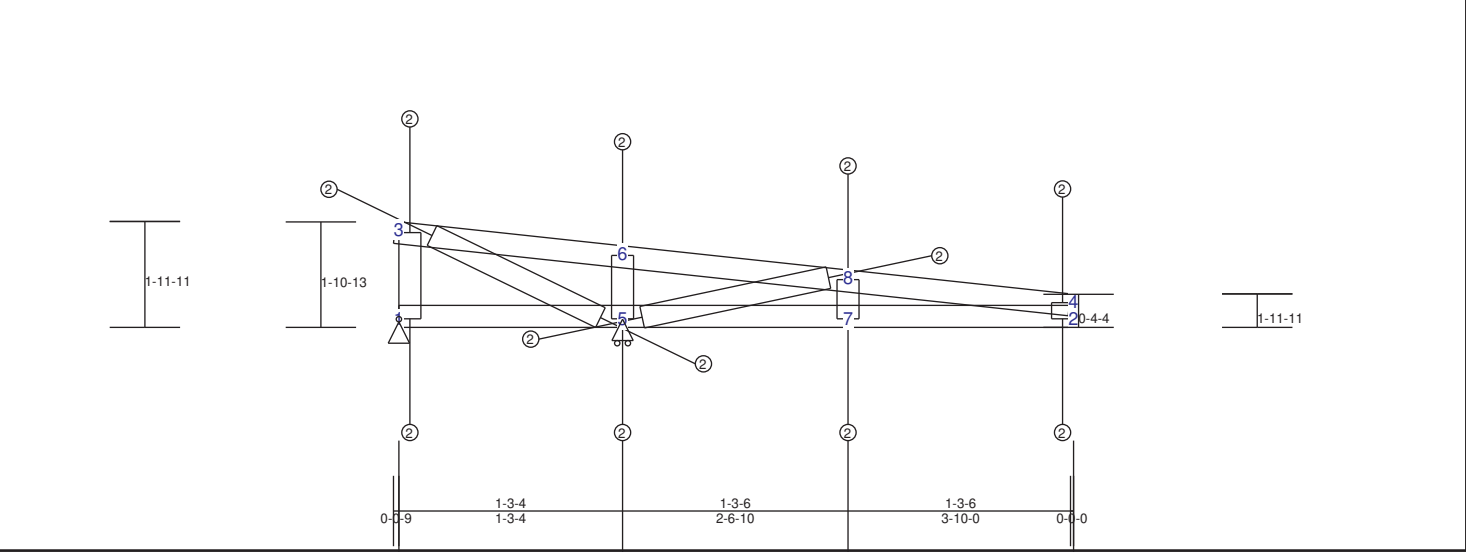
- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table							
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-40 lbs	540 lbs	0 lbs	-30 lbs	-40 lbs
5	HRoll		0 lbs	540 lbs	0 lbs	-50 lbs	0 lbs
Materials				Material Exceptions			
Type	Material	Bracing		Section	Material	Bracing	
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					
Truss Dimensions							
Max Height	Max Width						
2-7-11	5-5-12						

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	-212 lbs	-212 lbs	1-6	0.10	325 lbs	-52 lbs	1-3	0.34	238 lbs	-33 lbs
7-8	0.13	283 lbs	-140 lbs	5-6	0.18	242 lbs	-231 lbs	6-7	0.02	196 lbs	-25 lbs
8-10	0.27	283 lbs	-153 lbs	5-9	0.18	235 lbs	-231 lbs	5-8	0.01	63 lbs	-56 lbs
4-10	0.17	67 lbs	-23 lbs	2-9	0.16	-14 lbs	-14 lbs	9-10	0.01	-78 lbs	-78 lbs
								2-4	0.01	33 lbs	-30 lbs
								3-6	0.04	-202 lbs	-202 lbs
								5-7	0.07	-389 lbs	-389 lbs
								5-10	0.05	-299 lbs	-299 lbs

TRUSS CT34 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of # 10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 in.	L / 999	3	L / 240
BC : 0.24 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.18 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary
1)This Truss has been designed in accordance with AISI 2016.
2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
4)Snow Criteria: None
5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table							
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-20 lbs	610 lbs	0 lbs	0 lbs	-20 lbs
5	HRoll		0 lbs	610 lbs	0 lbs	-60 lbs	0 lbs
Materials					Material Exceptions		
Type	Material	Bracing			Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions
Max Height 1-11-11
Max Width 3-10-9

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	280 lbs	-130 lbs	1-5	0.24	238 lbs	-228 lbs	1-3	0.18	234 lbs	-100 lbs
6-8	0.27	280 lbs	-156 lbs	5-7	0.24	238 lbs	-228 lbs	5-6	0.01	69 lbs	-26 lbs
4-8	0.18	64 lbs	-22 lbs	2-7	0.17	-14 lbs	-14 lbs	7-8	0.01	-82 lbs	-82 lbs
								2-4	0.01	33 lbs	-29 lbs
								3-5	0.08	-487 lbs	-487 lbs
								5-8	0.05	303 lbs	-295 lbs

The diagram illustrates a three-bay portal frame structure. The frame consists of three vertical columns and three horizontal beams. The columns are labeled with circled numbers 2 at the top and bottom. The beams are labeled with circled numbers 2 at the ends. The frame is supported by a fixed base, indicated by a triangle with a horizontal line. The frame is divided into three bays. The dimensions of the bays are labeled as 1-1-6, 1-1-6, and 1-3-10. The frame is also labeled with various numbers and letters, including 1-2-12, 1-3-10, 1-4-4, 2-4-4, 2-5, 2-6, 2-8, 2-9, 2-10, 2-11, 2-12, 2-13, 2-14, 2-15, 2-16, 2-17, 2-18, 2-19, 2-20, 2-21, 2-22, 2-23, 2-24, 2-25, 2-26, 2-27, 2-28, 2-29, 2-30, 2-31, 2-32, 2-33, 2-34, 2-35, 2-36, 2-37, 2-38, 2-39, 2-40, 2-41, 2-42, 2-43, 2-44, 2-45, 2-46, 2-47, 2-48, 2-49, 2-50, 2-51, 2-52, 2-53, 2-54, 2-55, 2-56, 2-57, 2-58, 2-59, 2-60, 2-61, 2-62, 2-63, 2-64, 2-65, 2-66, 2-67, 2-68, 2-69, 2-70, 2-71, 2-72, 2-73, 2-74, 2-75, 2-76, 2-77, 2-78, 2-79, 2-80, 2-81, 2-82, 2-83, 2-84, 2-85, 2-86, 2-87, 2-88, 2-89, 2-90, 2-91, 2-92, 2-93, 2-94, 2-95, 2-96, 2-97, 2-98, 2-99, 2-100. The frame is also labeled with various letters, including A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. The frame is also labeled with various symbols, including Δ , $\square$, $\circ$, $\bullet$, $\times$, $\div$, $\pm$, $\mp$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{7}{8}$, $\frac{9}{16}$, $\frac{11}{16}$, $\frac{13}{16}$, $\frac{15}{16}$, $\frac{17}{16}$, $\frac{19}{16}$, $\frac{21}{16}$, $\frac{23}{16}$, $\frac{25}{16}$, $\frac{27}{16}$, $\frac{29}{16}$, $\frac{31}{16}$, $\frac{33}{16}$, $\frac{35}{16}$, $\frac{37}{16}$, $\frac{39}{16}$, $\frac{41}{16}$, $\frac{43}{16}$, $\frac{45}{16}$, $\frac{47}{16}$, $\frac{49}{16}$, $\frac{51}{16}$, $\frac{53}{16}$, $\frac{55}{16}$, $\frac{57}{16}$, $\frac{59}{16}$, $\frac{61}{16}$, $\frac{63}{16}$, $\frac{65}{16}$, $\frac{67}{16}$, $\frac{69}{16}$, $\frac{71}{16}$, $\frac{73}{16}$, $\frac{75}{16}$, $\frac{77}{16}$, $\frac{79}{16}$, $\frac{81}{16}$, $\frac{83}{16}$, $\frac{85}{16}$, $\frac{87}{16}$, $\frac{89}{16}$, $\frac{91}{16}$, $\frac{93}{16}$, $\frac{95}{16}$, $\frac{97}{16}$, $\frac{99}{16}$, $\frac{101}{16}$, $\frac{103}{16}$, $\frac{105}{16}$, $\frac{107}{16}$, $\frac{109}{16}$, $\frac{111}{16}$, $\frac{113}{16}$, $\frac{115}{16}$, $\frac{117}{16}$, $\frac{119}{16}$, $\frac{121}{16}$, $\frac{123}{16}$, $\frac{125}{16}$, $\frac{127}{16}$, $\frac{129}{16}$, $\frac{131}{16}$, $\frac{133}{16}$, $\frac{135}{16}$, $\frac{137}{16}$, $\frac{139}{16}$, $\frac{141}{16}$, $\frac{143}{16}$, $\frac{145}{16}$, $\frac{147}{16}$, $\frac{149}{16}$, $\frac{151}{16}$, $\frac{153}{16}$, $\frac{155}{16}$, $\frac{157}{16}$, $\frac{159}{16}$, $\frac{161}{16}$, $\frac{163}{16}$, $\frac{165}{16}$, $\frac{167}{16}$, $\frac{169}{16}$, $\frac{171}{16}$, $\frac{173}{16}$, $\frac{175}{16}$, $\frac{177}{16}$, $\frac{179}{16}$, $\frac{181}{16}$, $\frac{183}{16}$, $\frac{185}{16}$, $\frac{187}{16}$, $\frac{189}{16}$, $\frac{191}{16}$, $\frac{193}{16}$, $\frac{195}{16}$, $\frac{197}{16}$, $\frac{199}{16}$, $\frac{201}{16}$, $\frac{203}{16}$, $\frac{205}{16}$, $\frac{207}{16}$, $\frac{209}{16}$, $\frac{211}{16}$, $\frac{213}{16}$, $\frac{215}{16}$, $\frac{217}{16}$, $\frac{219}{16}$, $\frac{221}{16}$, $\frac{223}{16}$, $\frac{225}{16}$, $\frac{227}{16}$, $\frac{229}{16}$, $\frac{231}{16}$, $\frac{233}{16}$, $\frac{235}{16}$, $\frac{237}{16}$, $\frac{239}{16}$, $\frac{241}{16}$, $\frac{243}{16}$, $\frac{245}{16}$, $\frac{247}{16}$, $\frac{249}{16}$, $\frac{251}{16}$, $\frac{253}{16}$, $\frac{255}{16}$, $\frac{257}{16}$, $\frac{259}{16}$, $\frac{261}{16}$, $\frac{263}{16}$, $\frac{265}{16}$, $\frac{267}{16}$, $\frac{269}{16}$, $\frac{271}{16}$, $\frac{273}{16}$, $\frac{275}{16}$, $\frac{277}{16}$, $\frac{279}{16}$, $\frac{281}{16}$, $\frac{283}{16}$, $\frac{285}{16}$, $\frac{287}{16}$, $\frac{289}{16}$, $\frac{291}{16}$, $\frac{293}{16}$, $\frac{295}{16}$, $\frac{297}{16}$, $\frac{299}{16}$, $\frac{301}{16}$, $\frac{303}{16}$, $\frac{305}{16}$, $\frac{307}{16}$, $\frac{309}{16}$, $\frac{311}{16}$, $\frac{313}{16}$, $\frac{315}{16}$, $\frac{317}{16}$, $\frac{319}{16}$, $\frac{321}{16}$, $\frac{323}{16}$, $\frac{325}{16}$, $\frac{327}{16}$, $\frac{329}{16}$, $\frac{331}{16}$, $\frac{333}{16}$, $\frac{335}{16}$, $\frac{337}{16}$, $\frac{339}{16}$, $\frac{341}{16}$, $\frac{343}{16}$, $\frac{345}{16}$, $\frac{347}{16}$, $\frac{349}{16}$, $\frac{351}{16}$, $\frac{353}{16}$, $\frac{355}{16}$, $\frac{357}{16}$, $\frac{359}{16}$, $\frac{361}{16}$, $\frac{363}{16}$, $\frac{365}{16}$, $\frac{367}{16}$, $\frac{369}{16}$, $\frac{371}{16}$, $\frac{373}{16}$, $\frac{375}{16}$, $\frac{377}{16}$, $\frac{379}{16}$, $\frac{381}{16}$, $\frac{383}{16}$, $\frac{385}{16}$, $\frac{387}{16}$, $\frac{389}{16}$, $\frac{391}{16}$, $\frac{393}{16}$, $\frac{395}{16}$, $\frac{397}{16}$, $\frac{399}{16}$, $\frac{401}{16}$, $\frac{403}{16}$, $\frac{405}{16}$, $\frac{407}{16}$, $\frac{409}{16}$, $\frac{411}{16}$, $\frac{413}{16}$, $\frac{415}{16}$, $\frac{417}{16}$, $\frac{419}{16}$, $\frac{421}{16}$, $\frac{423}{16}$, $\frac{425}{16}$, $\frac{427}{16}$, $\frac{429}{16}$, $\frac{431}{16}$, $\frac{433}{16}$, $\frac{435}{16}$, $\frac{437}{16}$, $\frac{439}{16}$, $\frac{441}{16}$, $\frac{443}{16}$, $\frac{445}{16}$, $\frac{447}{16}$, $\frac{449}{16}$, $\frac{451}{16}$, $\frac{453}{16}$, $\frac{455}{16}$, $\frac{457}{16}$, $\frac{459}{16}$, $\frac{461}{16}$, $\frac{463}{16}$, $\frac{465}{16}$, $\frac{467}{16}$, $\frac{469$

Max CSI Summary		Deflection	L / 999	3	L / 240
TC :	0.19 (6 - 4)	TL(V) : 0 in.	L / 999	3	L / 360
BC :	0.20 (1 - 5)	LL(V) : 0 in.	L / 999	3	L / 0
Web :	0.09 (1 - 3)	DL(V) : 0 in.	L / 999	3	2L / 0
		Cant / OH TL : 0 in.	2L / 999	0	2L / 0
		Cant / OH LL : 0 in.	2L / 999	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

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		210 lbs	230 lbs	0 lbs	-30 lbs	210 lbs
3	VRoll		-210 lbs	0 lbs	0 lbs	0 lbs	-210 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

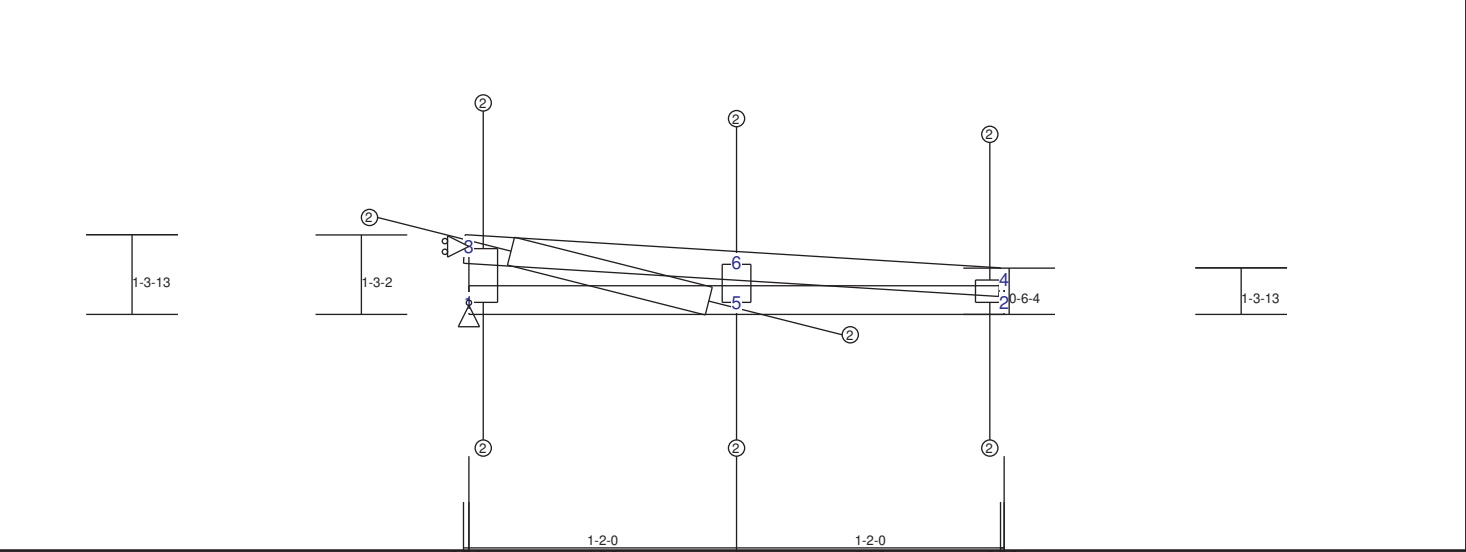
Max Height	Max Width
1-3-10	2-3-4

Member Forces Summary

Top Chord				Bot Chord				Web			
3-6	0.14	297 lbs	-193 lbs	1-5	0.20	-207 lbs	-207 lbs	1-3	0.09	-274 lbs	-274 lbs
4-6	0.19	90 lbs	-48 lbs	2-5	0.12	-14 lbs	-14 lbs	5-6	0.03	-225 lbs	-225 lbs
								2-4	0.01	11 lbs	-9 lbs
								3-5	0.05	358 lbs	-334 lbs

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor $K_{zt} = 1.00$, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed $L_y = 12$ inches is used

TRUSS CT36 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of # 10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 4)	TL(V): 0 in.	L / 999	3
BC : 0.20 (1 - 5)	LL(V): 0 in.	L / 999	3
Web : 0.09 (1 - 3)	DL(V): 0 in.	L / 999	3
	Cant / OH TL: 0 in.	2L / 999	0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: 0 in.		4
	Web :		
	Snow/Wind 0 in.	L / 999	3
	Cant (Snow/Wind) 0 in.	L / 999	0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 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: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		220 lbs	240 lbs	0 lbs	-60 lbs	220 lbs
3	VRoll		-220 lbs	0 lbs	0 lbs	0 lbs	-220 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

Max Height	Max Width
1-3-13	2-4-8

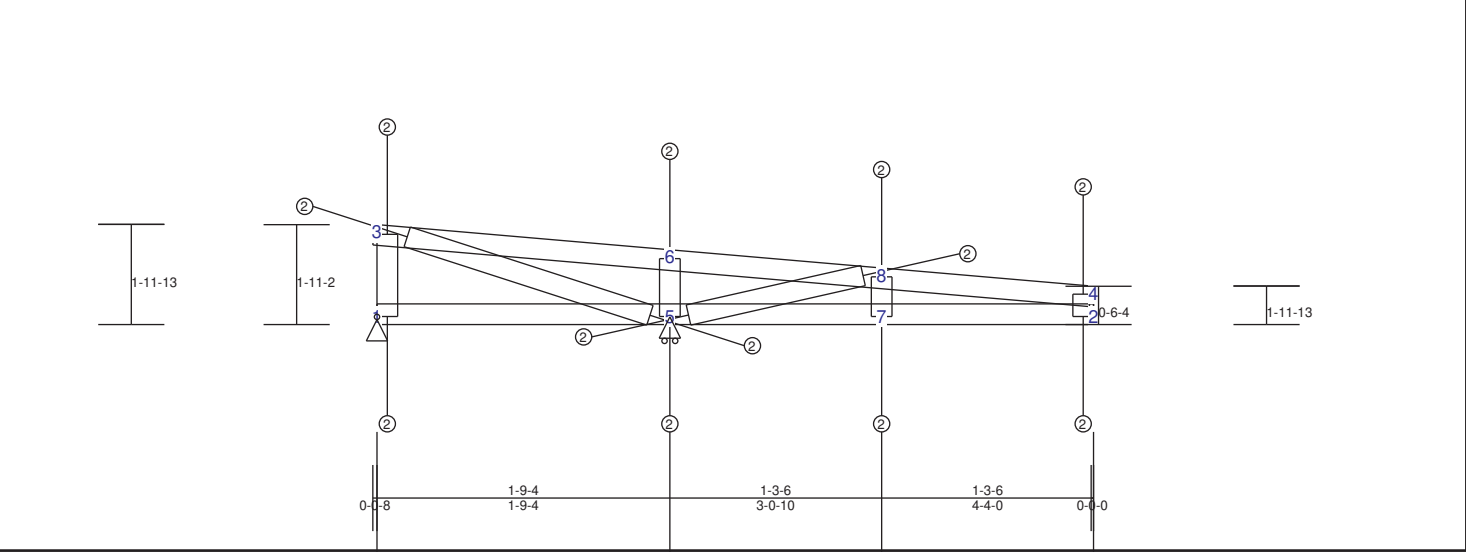
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.14	300 lbs	-226 lbs	1-5	0.20	-222 lbs	-222 lbs	1-3	0.09	-283 lbs	-283 lbs
4-6	0.20	76 lbs	-42 lbs	2-5	0.12	-23 lbs	-23 lbs	5-6	0.04	-234 lbs	-234 lbs
								2-4	0.01	11 lbs	-10 lbs
								3-5	0.06	374 lbs	-339 lbs

TRUSS CT37 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10,10.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 in.	L / 999	3	L / 240
BC :	0.17 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.18 (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

Load Summary
1)This Truss has been designed in accordance with AISI 2016.
2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 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: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
4)Snow Criteria: None
5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin			-20 lbs	550 lbs	0 lbs	0 lbs	0 lbs	-20 lbs
5	HRoll			0 lbs	550 lbs	0 lbs	-110 lbs	0 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
1-11-14	4-4-8

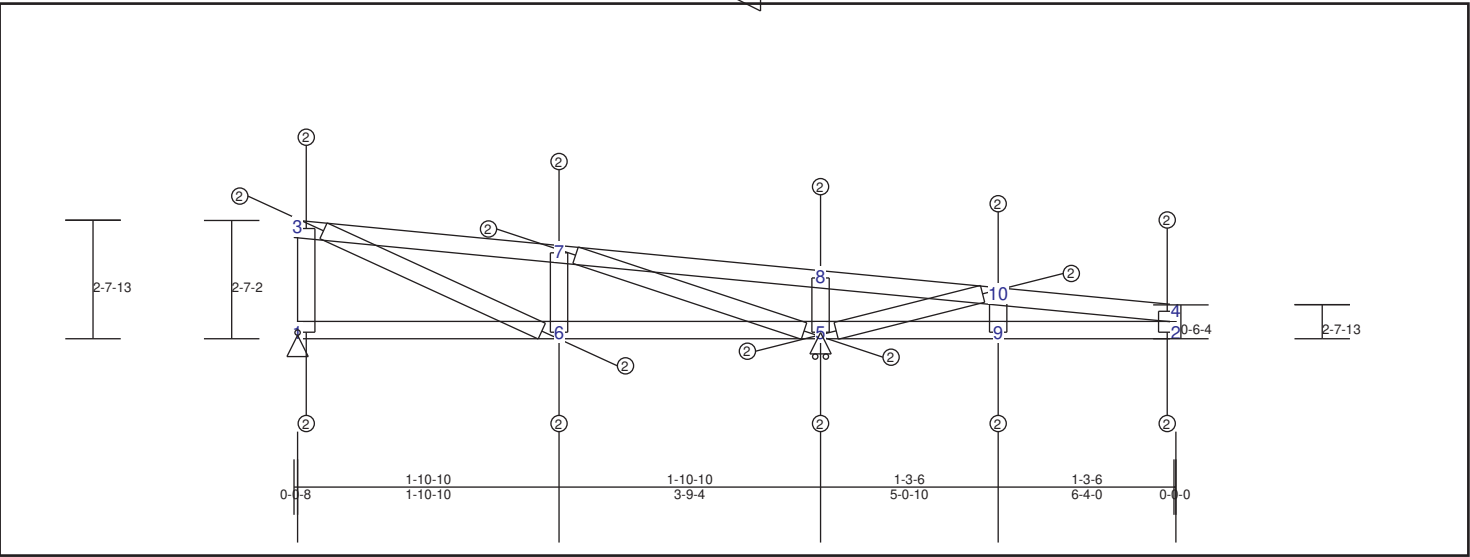
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.11	269 lbs	-140 lbs	1-5	0.17	-230 lbs	-230 lbs	1-3	0.18	114 lbs	-42 lbs
6-8	0.27	269 lbs	-176 lbs	5-7	0.17	-230 lbs	-230 lbs	5-6	0.02	112 lbs	-92 lbs
4-8	0.17	56 lbs	-32 lbs	2-7	0.16	-23 lbs	-23 lbs	7-8	0.01	-81 lbs	-81 lbs
								2-4	0.01	33 lbs	-30 lbs
								3-5	0.06	-368 lbs	-368 lbs
								5-8	0.05	-306 lbs	-306 lbs

TRUSS CT38 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 10)	TL(V): 0 in.	L / 999	3
BC : 0.17 (6 - 5)	LL(V): 0 in.	L / 999	3
Web : 0.34 (1 - 3)	DL(V): 0 in.	L / 999	3
	Cant / OH TL: 0 in.	2L / 999	0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: 0 in.		4
	Web :		
	Snow/Wind 0 in.	L / 999	3
	Cant (Snow/Wind) 0 in.	L / 999	0
			L / 360
			L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 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: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-40 lbs	550 lbs	0 lbs	-60 lbs	-40 lbs
5	HRoll		0 lbs	550 lbs	0 lbs	-120 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2'-7-14	6'-4-8

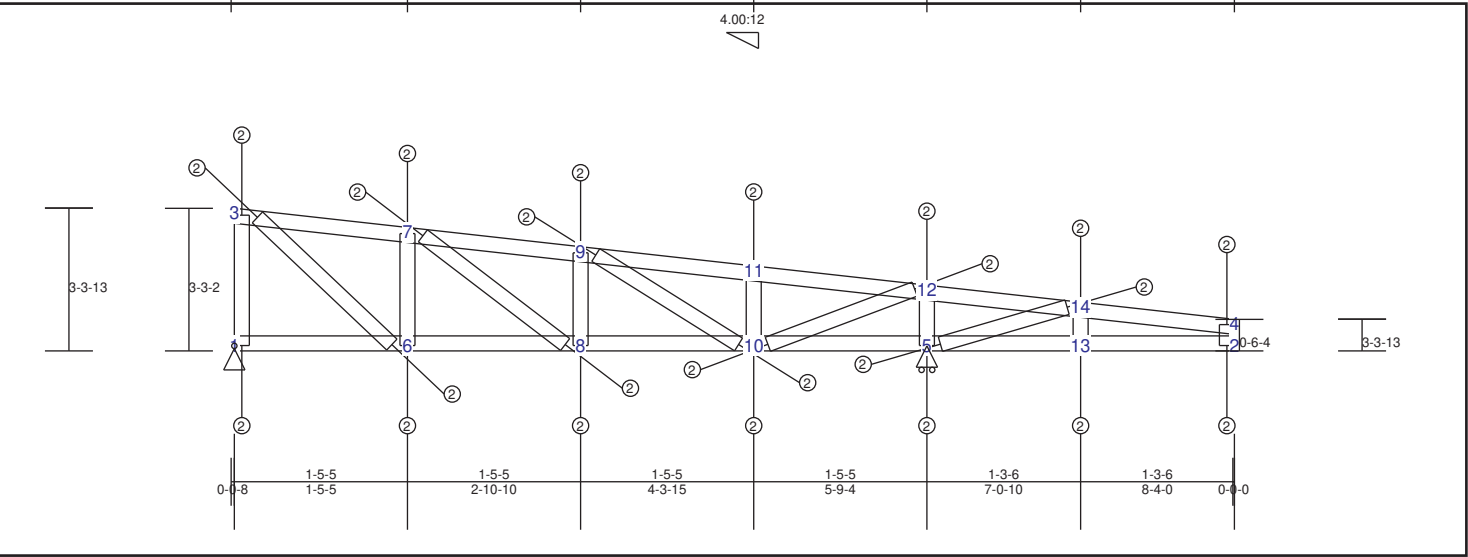
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.15	-203 lbs	-203 lbs	1-6	0.11	316 lbs	-74 lbs	1-3	0.34	247 lbs	-105 lbs
7-8	0.18	274 lbs	-142 lbs	5-6	0.17	-229 lbs	-229 lbs	6-7	0.02	199 lbs	-54 lbs
8-10	0.27	274 lbs	-173 lbs	5-9	0.17	-229 lbs	-229 lbs	5-8	0.01	100 lbs	-87 lbs
4-10	0.17	55 lbs	-30 lbs	2-9	0.15	-23 lbs	-23 lbs	9-10	0.01	-71 lbs	-71 lbs
								2-4	0.01	31 lbs	-30 lbs
								3-6	0.04	-226 lbs	-226 lbs
								5-7	0.07	-383 lbs	-383 lbs
								5-10	0.05	-304 lbs	-304 lbs

TRUSS CT39 (spacing 24 in)



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

Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.26 (12 - 14)	TL(V): 0 in.	L / 999	3	L / 240
BC :	0.19 (1 - 6)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.55 (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: -0.01 in.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 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: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-340 lbs	250 lbs	0 lbs	-100 lbs	-340 lbs
5	HRoll		0 lbs	630 lbs	0 lbs	-130 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-3-14	8-4-8

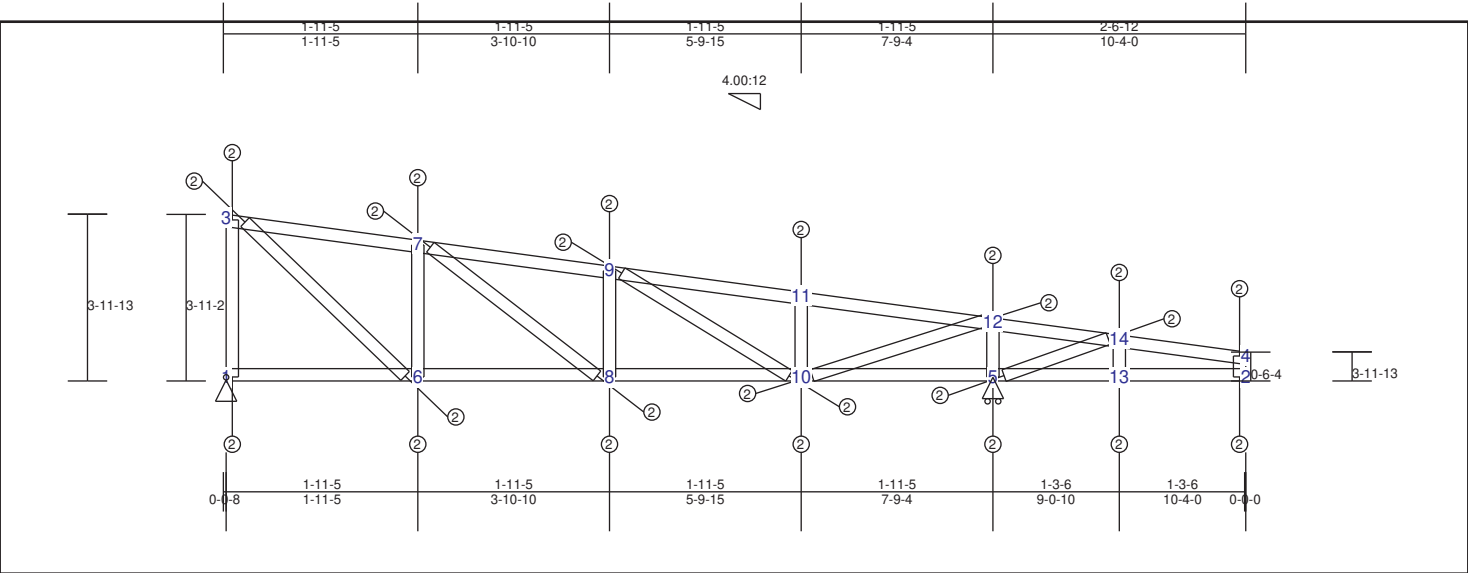
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.20	-275 lbs	-275 lbs	1-6	0.19	407 lbs	-98 lbs	1-3	0.55	369 lbs	-252 lbs
7-9	0.18	168 lbs	-166 lbs	6-8	0.19	284 lbs	-54 lbs	6-7	0.05	372 lbs	-269 lbs
9-11	0.09	168 lbs	-152 lbs	8-10	0.15	186 lbs	-26 lbs	8-9	0.02	192 lbs	-52 lbs
11-12	0.22	102 lbs	-96 lbs	5-10	0.16	-227 lbs	-227 lbs	10-11	0.03	-179 lbs	-179 lbs
12-14	0.26	252 lbs	-177 lbs	5-13	0.16	-227 lbs	-227 lbs	5-12	0.08	-490 lbs	-490 lbs
4-14	0.16	63 lbs	-35 lbs	2-13	0.16	-23 lbs	-23 lbs	13-14	0.01	94 lbs	-75 lbs
								2-4	0.01	-35 lbs	-35 lbs
								3-6	0.07	-368 lbs	-368 lbs
								7-8	0.05	-246 lbs	-246 lbs
								9-10	0.03	-159 lbs	-159 lbs
								10-12	0.05	419 lbs	-277 lbs
								5-14	0.05	-302 lbs	-302 lbs

TRUSS CT40 (spacing 24 in)



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

Max CSI Summary	Deflection	L / 999	(Loc)	Max. Allowed
TC : 0.30 (12 - 14)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.24 (1 - 6)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.80 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 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: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-420 lbs	370 lbs	0 lbs	-130 lbs	-420 lbs
5	HRoll		0 lbs	720 lbs	0 lbs	-150 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-11-14	10-4-8

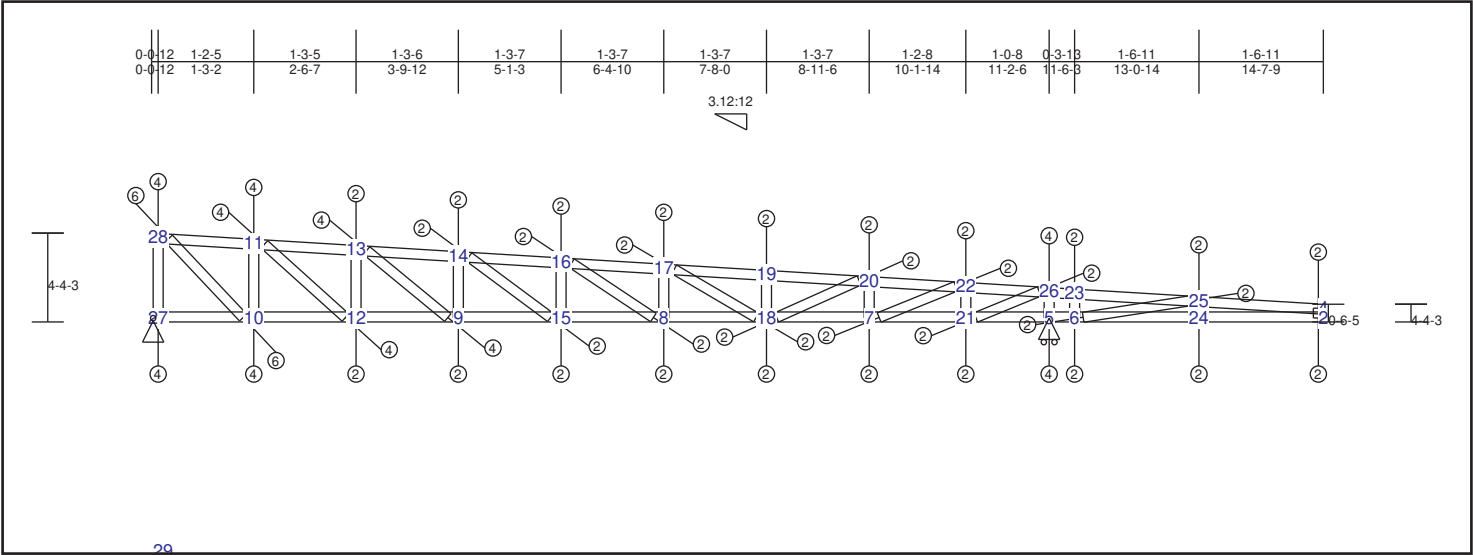
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.26	-342 lbs	-342 lbs	1-6	0.24	497 lbs	-122 lbs	1-3	0.80	478 lbs	-374 lbs
7-9	0.28	-297 lbs	-297 lbs	6-8	0.24	309 lbs	-94 lbs	6-7	0.08	469 lbs	-399 lbs
9-11	0.15	-297 lbs	-297 lbs	8-10	0.16	254 lbs	-98 lbs	8-9	0.03	258 lbs	-116 lbs
11-12	0.28	-237 lbs	-237 lbs	5-10	0.17	-215 lbs	-215 lbs	10-11	0.04	-226 lbs	-226 lbs
12-14	0.30	244 lbs	-170 lbs	5-13	0.16	-215 lbs	-215 lbs	5-12	0.10	-589 lbs	-589 lbs
4-14	0.16	63 lbs	-36 lbs	2-13	0.16	-23 lbs	-23 lbs	13-14	0.01	98 lbs	-77 lbs
								2-4	0.01	-36 lbs	-36 lbs
								3-6	0.11	-483 lbs	-483 lbs
								7-8	0.07	-326 lbs	-326 lbs
								9-10	0.02	-125 lbs	-125 lbs
								10-12	0.06	519 lbs	-350 lbs
								5-14	0.05	-286 lbs	-286 lbs

TRUSS CT41 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated, 3.7 kips per the NASPEC 2000. H S U P P L E M E N T 2.2. Maintain 3/4" edge margin at 5/8" min. on each sheet of steel connected. Max CSI

Max CSI Summary		Deflection	L /	(Loc)	Max. Allowed
TC :	0.92 (28 - 11)	TL(V): 0 in.	L / 999	(3-28)	L / 240
BC :	0.92 (27 - 10)	LL(V): 0 in.	L / 999	(3-28)	L / 360
Web :	0.30 (27 - 28)	DL(V): 0 in.	L / 999	(3-28)	L / 0
		Cant / OH TL: 0 in.	2L / 125	(3-28)	2L / 360
		Cant / OH LL: 0 in.	2L / 125	(3-28)	2L / 360
		Horiz TL: 0.01 in.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-28)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
P.Point	Type						
5	HRoll		0 lbs	820 lbs	0 lbs	0 lbs	0 lbs
27	Pin		0 lbs	1210 lbs	0 lbs	0 lbs	0 lbs

Materials		Bracing	Material Exceptions		Bracing
Type	Material		Section	Material	
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions	
Max Height	Max Width
4'-4'-4	14'-7'-15

Material Design Pass

Point Loads									
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB10-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	294 lbs	294 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB8-17	0-0-0	0-0-0	Concentrated	Dead	Down	Global	146 lbs	146 lbs	0 in.
WB7-20	0-0-0	0-0-0	Concentrated	Dead	Down	Global	74 lbs	74 lbs	0 in.
WB6-23	0-0-0	0-0-0	Concentrated	Dead	Down	Global	80 lbs	80 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Live	Down	Global	441 lbs	441 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB8-17	0-0-0	0-0-0	Concentrated	Live	Down	Global	219 lbs	219 lbs	0 in.
WB7-20	0-0-0	0-0-0	Concentrated	Live	Down	Global	111 lbs	111 lbs	0 in.
WB6-23	0-0-0	0-0-0	Concentrated	Live	Down	Global	120 lbs	120 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Wind	Down	Global	573 lbs	573 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB8-17	0-0-0	0-0-0	Concentrated	Wind	Down	Global	284 lbs	284 lbs	0 in.
WB7-20	0-0-0	0-0-0	Concentrated	Wind	Down	Global	144 lbs	144 lbs	0 in.
WB6-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Wind	Down	Global	573 lbs	573 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB8-17	0-0-0	0-0-0	Concentrated	Wind	Down	Global	284 lbs	284 lbs	0 in.
WB7-20	0-0-0	0-0-0	Concentrated	Wind	Down	Global	144 lbs	144 lbs	0 in.
WB6-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	156 lbs	156 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Wind	Down	Global	161 lbs	161 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB8-17	0-0-0	0-0-0	Concentrated	Wind	Down	Global	80 lbs	80 lbs	0 in.
WB7-20	0-0-0	0-0-0	Concentrated	Wind	Down	Global	40 lbs	40 lbs	0 in.
WB6-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	44 lbs	44 lbs	0 in.

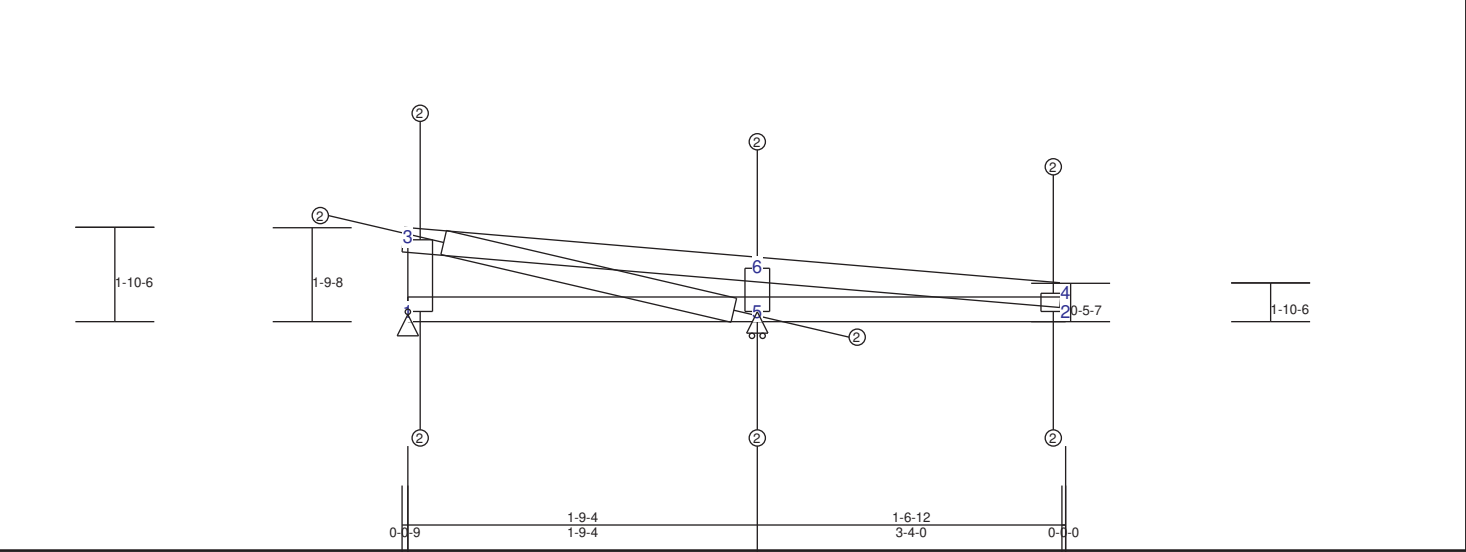
TRUSS CT41 (spacing 24 in)

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-28	0.00	0 lbs	0 lbs	1-27	0.03	0 lbs	0 lbs	2-4	0.00	0 lbs	0 lbs
11-28	0.92	-418 lbs	-418 lbs	10-27	0.92	350 lbs	0 lbs	10-11	0.21	-975 lbs	-975 lbs
11-13	0.39	-622 lbs	-622 lbs	10-12	0.92	581 lbs	0 lbs	12-13	0.16	-775 lbs	-775 lbs
13-14	0.37	-848 lbs	-848 lbs	9-12	0.43	808 lbs	0 lbs	9-14	0.05	-261 lbs	-261 lbs
14-16	0.22	-927 lbs	-927 lbs	9-15	0.43	890 lbs	0 lbs	15-16	0.04	-198 lbs	-198 lbs
16-17	0.22	-981 lbs	-981 lbs	8-15	0.15	952 lbs	0 lbs	8-17	0.02	210 lbs	0 lbs
17-19	0.24	-1034 lbs	-1034 lbs	8-18	0.19	952 lbs	0 lbs	18-19	0.00	-8 lbs	-8 lbs
19-20	0.21	-886 lbs	-886 lbs	7-18	0.28	859 lbs	0 lbs	7-20	0.06	-389 lbs	-389 lbs
20-22	0.32	-809 lbs	-809 lbs	7-21	0.35	704 lbs	0 lbs	21-22	0.11	-694 lbs	-694 lbs
22-26	0.33	-533 lbs	-533 lbs	5-21	0.35	368 lbs	0 lbs	6-23	0.01	143 lbs	0 lbs
23-26	0.35	-166 lbs	-166 lbs	5-6	0.05	2 lbs	0 lbs	24-25	0.00	4 lbs	0 lbs
23-25	0.07	35 lbs	0 lbs	6-24	0.03	2 lbs	0 lbs	5-26	0.13	-800 lbs	-800 lbs
4-25	0.01	0 lbs	0 lbs	2-24	0.01	0 lbs	0 lbs	27-28	0.30	-1275 lbs	-1275 lbs
								11-12	0.09	925 lbs	0 lbs
								9-13	0.08	833 lbs	0 lbs
								14-15	0.03	272 lbs	0 lbs
								8-16	0.02	186 lbs	0 lbs
								17-18	0.04	-250 lbs	-250 lbs
								18-20	0.03	337 lbs	0 lbs
								7-22	0.07	674 lbs	0 lbs
								6-25	0.00	3 lbs	0 lbs
								21-26	0.07	740 lbs	0 lbs
								10-28	0.16	1628 lbs	0 lbs

TRUSS CT42 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.26 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.17 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-180 lbs	-100 lbs	0 lbs	-20 lbs	-180 lbs
5	HRoll		0 lbs	320 lbs	0 lbs	-30 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Sheathing	

Truss Dimensions

Max Height	Max Width
1-10-6	3-4-9

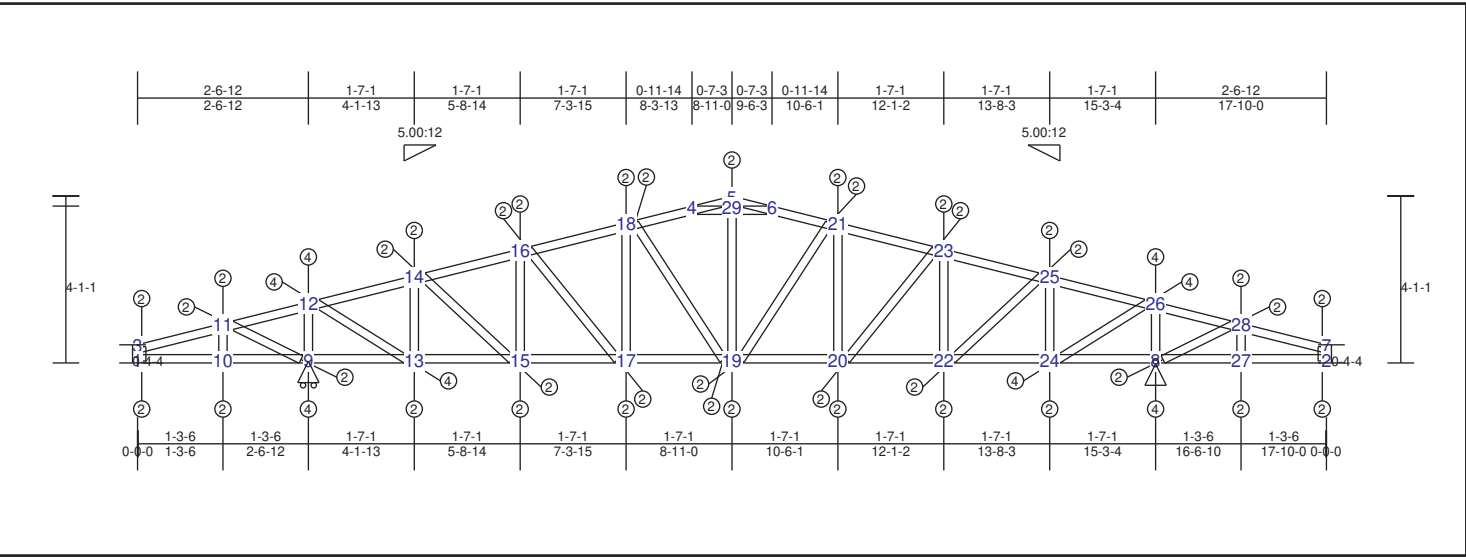
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.23	-165 lbs	-165 lbs	1-5	0.26	213 lbs	-32 lbs	1-3	0.17	214 lbs	-45 lbs
4-6	0.34	119 lbs	-51 lbs	2-5	0.16	-19 lbs	-19 lbs	5-6	0.04	274 lbs	-259 lbs
								2-4	0.01	-28 lbs	-28 lbs
								3-5	0.05	-317 lbs	-317 lbs

TRUSS RT1 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (26 - 28)	TL(V): 0 in.	L / 999	(3-11)	L / 240
BC :	0.33 (22 - 24)	LL(V): 0 in.	L / 999	(3-11)	L / 360
Web :	0.15 (8 - 26)	DL(V): 0 in.	L / 999	(3-11)	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.		7	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-11)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
8	Pin		-40 lbs	1010 lbs	0 lbs	-170 lbs	-40 lbs
9	HRoll		0 lbs	1010 lbs	0 lbs	-200 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-1-2	17-10-0

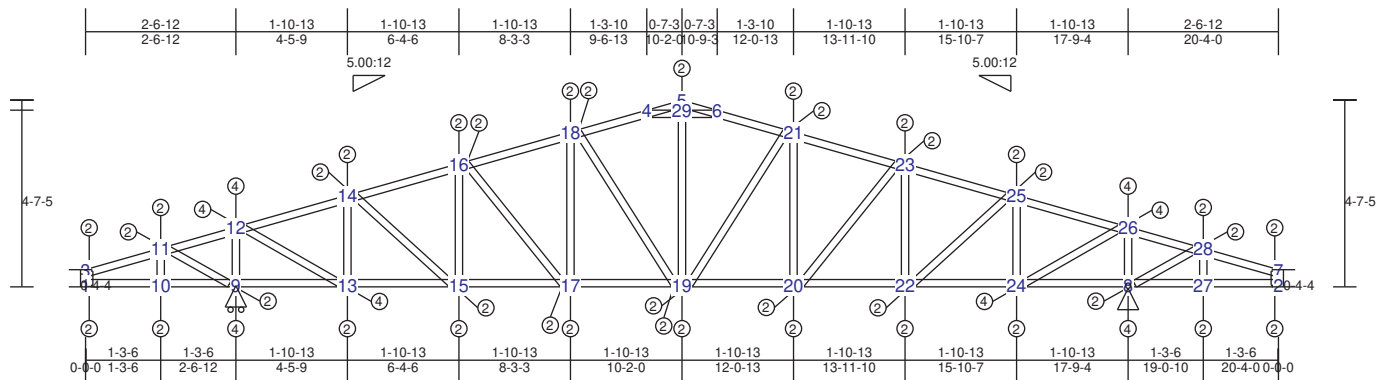
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.14	76 lbs	-14 lbs	1-10	0.17	-9 lbs	-9 lbs	1-3	0.01	-37 lbs	-37 lbs
11-12	0.43	243 lbs	-105 lbs	9-10	0.17	-201 lbs	-201 lbs	10-11	0.01	94 lbs	-35 lbs
12-14	0.41	-574 lbs	-574 lbs	9-13	0.33	364 lbs	-201 lbs	9-12	0.15	-906 lbs	-906 lbs
14-16	0.24	-683 lbs	-683 lbs	13-15	0.33	570 lbs	-156 lbs	13-14	0.10	-617 lbs	-617 lbs
16-18	0.19	-683 lbs	-683 lbs	15-17	0.13	601 lbs	-156 lbs	15-16	0.05	-272 lbs	-272 lbs
4-18	0.16	-644 lbs	-644 lbs	17-19	0.10	601 lbs	-156 lbs	17-18	0.01	-51 lbs	-51 lbs
4-5	0.06	-126 lbs	-126 lbs	19-20	0.10	601 lbs	-162 lbs	20-21	0.01	-51 lbs	-51 lbs
5-6	0.06	-126 lbs	-126 lbs	20-22	0.13	601 lbs	-166 lbs	22-23	0.05	-272 lbs	-272 lbs
6-21	0.16	-644 lbs	-644 lbs	22-24	0.33	570 lbs	-166 lbs	24-25	0.10	-617 lbs	-617 lbs
21-23	0.19	-683 lbs	-683 lbs	8-24	0.33	364 lbs	-201 lbs	8-26	0.15	-906 lbs	-906 lbs
23-25	0.24	-683 lbs	-683 lbs	8-27	0.17	-201 lbs	-201 lbs	27-28	0.01	94 lbs	-35 lbs
25-26	0.41	-574 lbs	-574 lbs	2-27	0.17	-9 lbs	-9 lbs	2-7	0.01	-37 lbs	-37 lbs
26-28	0.43	243 lbs	-105 lbs					19-29	0.02	129 lbs	-77 lbs
7-28	0.14	76 lbs	-14 lbs					9-11	0.04	-260 lbs	-260 lbs
4-29	0.18	-468 lbs	-468 lbs					12-13	0.08	816 lbs	-245 lbs
6-29	0.18	-468 lbs	-468 lbs					14-15	0.04	382 lbs	-100 lbs
								16-17	0.01	71 lbs	-1 lbs
								18-19	0.01	-61 lbs	-61 lbs
								19-21	0.01	-61 lbs	-61 lbs
								20-23	0.01	71 lbs	-2 lbs
								22-25	0.04	382 lbs	-102 lbs
								24-26	0.08	816 lbs	-242 lbs
								8-28	0.04	-260 lbs	-260 lbs

TRUSS RT2 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (11 - 12)	TL(V): 0.01 in.	L / 999	(14-16)	L / 240
BC : 0.34 (9 - 13)	LL(V): 0 in.	L / 999	(14-16)	L / 360
Web : 0.17 (9 - 12)	DL(V): 0 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.		7	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-11)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
8	Pin		-50 lbs	1150 lbs	0 lbs	-190 lbs	-50 lbs
9	HRoll		0 lbs	1150 lbs	0 lbs	-220 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4'-7'-6"	20'-4'-0"

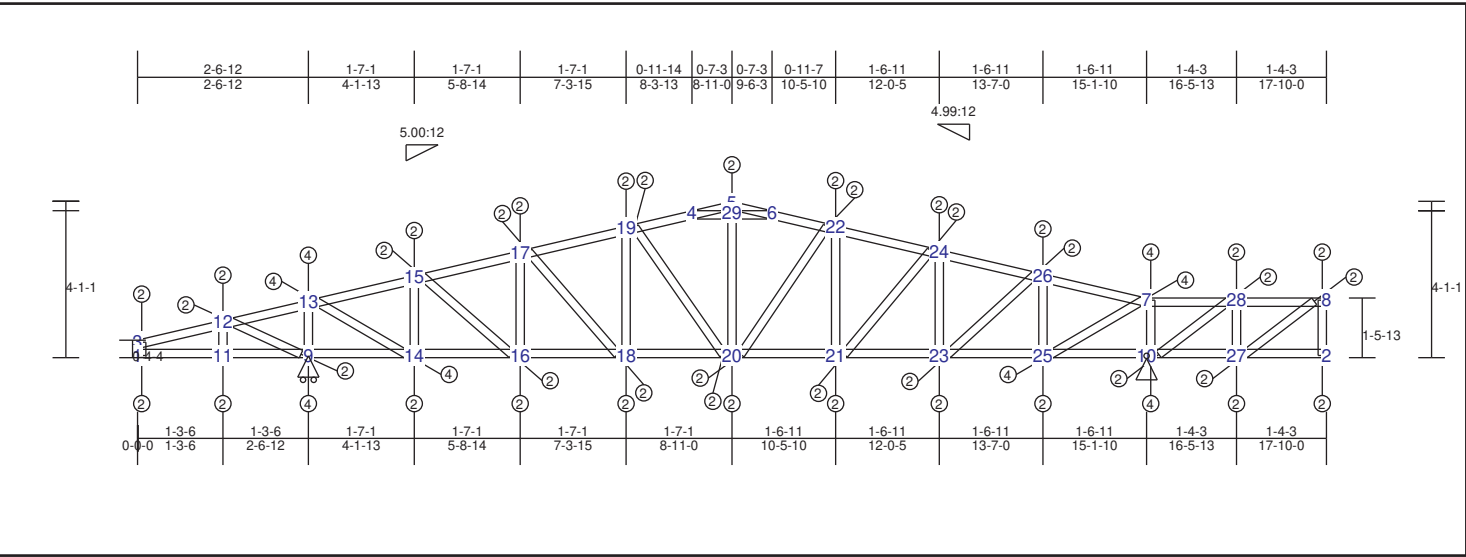
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-11	0.14	76 lbs	-15 lbs	1-10	0.17	-9 lbs	-9 lbs	1-3	0.01	-38 lbs	-38 lbs
11-12	0.51	236 lbs	-169 lbs	9-10	0.17	-187 lbs	-187 lbs	10-11	0.01	98 lbs	-36 lbs
12-14	0.45	-781 lbs	-781 lbs	9-13	0.34	549 lbs	-187 lbs	9-12	0.17	-1052 lbs	-1052 lbs
14-16	0.29	-899 lbs	-899 lbs	13-15	0.34	779 lbs	-215 lbs	13-14	0.11	-640 lbs	-640 lbs
16-18	0.26	-899 lbs	-899 lbs	15-17	0.13	793 lbs	-215 lbs	15-16	0.05	-259 lbs	-259 lbs
4-18	0.21	-832 lbs	-832 lbs	17-19	0.14	793 lbs	-209 lbs	17-18	0.01	-33 lbs	-33 lbs
4-5	0.09	-158 lbs	-158 lbs	19-20	0.14	793 lbs	-217 lbs	20-21	0.01	-34 lbs	-34 lbs
5-6	0.09	-158 lbs	-158 lbs	20-22	0.13	793 lbs	-230 lbs	22-23	0.05	-259 lbs	-259 lbs
6-21	0.21	-832 lbs	-832 lbs	22-24	0.34	779 lbs	-230 lbs	24-25	0.11	-639 lbs	-639 lbs
21-23	0.26	-899 lbs	-899 lbs	8-24	0.34	549 lbs	-188 lbs	8-26	0.17	-1051 lbs	-1051 lbs
23-25	0.29	-899 lbs	-899 lbs	8-27	0.17	-188 lbs	-188 lbs	27-28	0.01	98 lbs	-36 lbs
25-26	0.45	-781 lbs	-781 lbs	2-27	0.17	-9 lbs	-9 lbs	2-7	0.01	-38 lbs	-38 lbs
26-28	0.51	236 lbs	-168 lbs					19-29	0.02	244 lbs	-120 lbs
7-28	0.14	77 lbs	-15 lbs					9-11	0.04	-243 lbs	-243 lbs
4-29	0.27	-597 lbs	-597 lbs					12-13	0.10	963 lbs	-289 lbs
6-29	0.27	-597 lbs	-597 lbs					14-15	0.04	382 lbs	-99 lbs
								16-17	0.00	47 lbs	-6 lbs
								18-19	0.03	-127 lbs	-127 lbs
								19-21	0.03	-127 lbs	-127 lbs
								20-23	0.00	49 lbs	-6 lbs
								22-25	0.04	382 lbs	-100 lbs
								24-26	0.10	963 lbs	-287 lbs
								8-28	0.04	-244 lbs	-244 lbs

TRUSS RT3 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (12 - 13)	TL(V): 0 in.	L / 999	(3-12)	L / 240
BC : 0.33 (23 - 25)	LL(V): 0 in.	L / 999	(3-12)	L / 360
Web : 0.15 (9 - 13)	DL(V): 0 in.	L / 999	(3-12)	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.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-12)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
9	HRoll		0 lbs	1010 lbs	0 lbs	-180 lbs	0 lbs
10	Pin		160 lbs	1010 lbs	0 lbs	-200 lbs	160 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-1-2	17-10-0

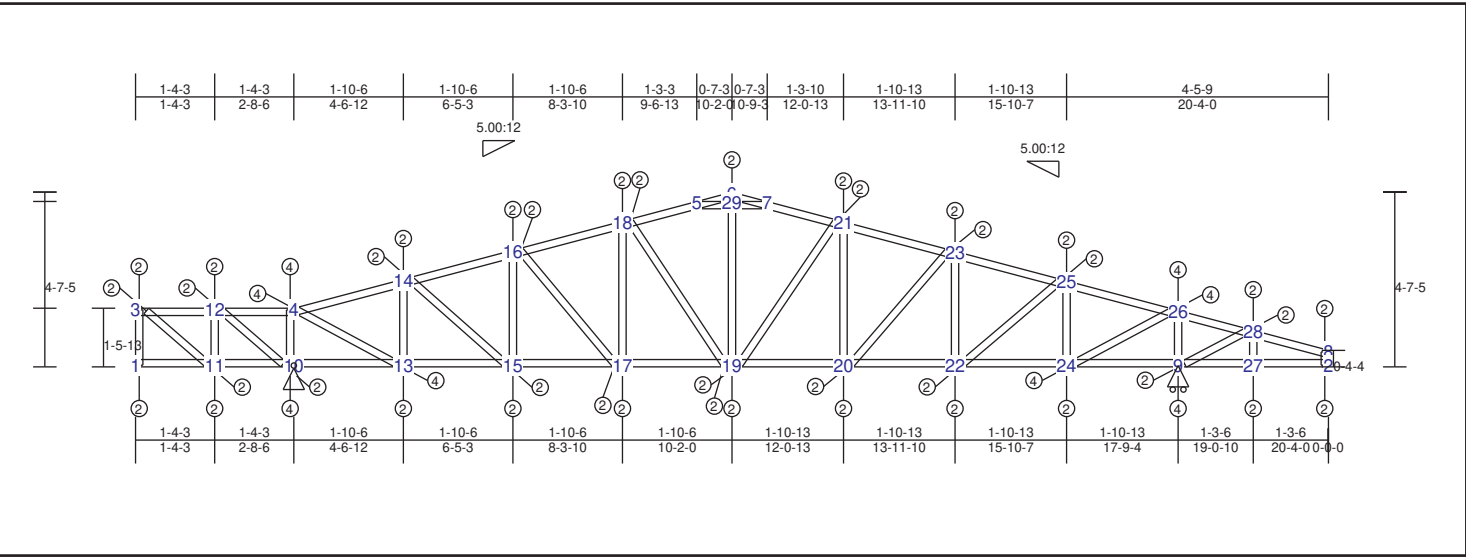
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-12	0.16	76 lbs	-27 lbs	1-11	0.18	-14 lbs	-14 lbs	1-3	0.01	-37 lbs	-37 lbs
12-13	0.42	243 lbs	-134 lbs	9-11	0.18	202 lbs	-201 lbs	11-12	0.01	94 lbs	-82 lbs
13-15	0.40	-568 lbs	-568 lbs	9-14	0.33	360 lbs	-242 lbs	9-13	0.15	-901 lbs	-901 lbs
15-17	0.24	-676 lbs	-676 lbs	14-16	0.33	564 lbs	-371 lbs	14-15	0.10	-613 lbs	-613 lbs
17-19	0.19	-676 lbs	-676 lbs	16-18	0.13	594 lbs	-371 lbs	16-17	0.05	-270 lbs	-270 lbs
4-19	0.16	-635 lbs	-635 lbs	18-20	0.10	594 lbs	-371 lbs	18-19	0.01	-48 lbs	-48 lbs
4-5	0.06	-124 lbs	-124 lbs	20-21	0.10	589 lbs	-380 lbs	21-22	0.01	-58 lbs	-58 lbs
5-6	0.06	-124 lbs	-124 lbs	21-23	0.13	589 lbs	-384 lbs	23-24	0.05	-274 lbs	-274 lbs
6-22	0.16	-633 lbs	-633 lbs	23-25	0.33	556 lbs	-384 lbs	25-26	0.10	-619 lbs	-619 lbs
22-24	0.19	-669 lbs	-669 lbs	10-25	0.33	363 lbs	-258 lbs	7-10	0.14	-840 lbs	-840 lbs
24-26	0.25	-669 lbs	-669 lbs	10-27	0.10	363 lbs	-200 lbs	27-28	0.01	101 lbs	-76 lbs
7-26	0.41	-566 lbs	-566 lbs	2-27	0.05	-72 lbs	-72 lbs	2-8	0.09	8 lbs	-4 lbs
7-28	0.40	-236 lbs	-236 lbs					20-29	0.04	-171 lbs	-171 lbs
8-28	0.08	-123 lbs	-123 lbs					9-12	0.04	-261 lbs	-261 lbs
4-29	0.18	479 lbs	-462 lbs					13-14	0.09	810 lbs	-555 lbs
6-29	0.17	479 lbs	-462 lbs					15-16	0.04	378 lbs	-237 lbs
								17-18	0.01	68 lbs	-4 lbs
								19-20	0.01	130 lbs	-64 lbs
								20-22	0.01	103 lbs	-51 lbs
								21-24	0.01	77 lbs	-50 lbs
								23-26	0.05	382 lbs	-296 lbs
								7-25	0.10	806 lbs	-634 lbs
								10-28	0.04	-231 lbs	-231 lbs
								8-27	0.02	-108 lbs	-108 lbs

TRUSS RT4 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (26 - 28)	TL(V): 0.01 in.	L / 999 (6-7)	L / 240
BC : 0.35 (10 - 13)	LL(V): 0 in.	L / 999 (6-7)	L / 360
Web : 0.17 (9 - 26)	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: 0.01 in.	24	
	Web :		
	Snow/Wind 0 in.	L / 999 3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
9	HRoll		0 lbs	1140 lbs	0 lbs	-190 lbs	0 lbs
10	Pin		-170 lbs	1140 lbs	0 lbs	-230 lbs	-170 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions
Max Height 4'-7-6
Max Width 20'-4-0

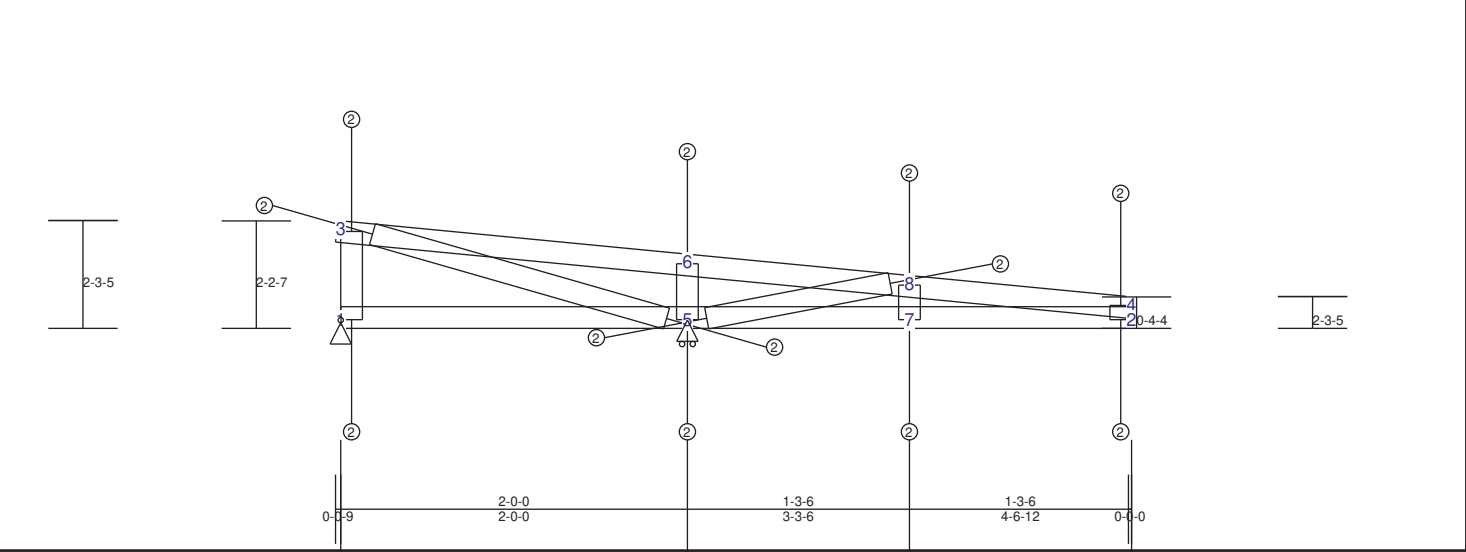
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-12	0.09	-119 lbs	-119 lbs	1-11	0.05	73 lbs	-72 lbs	1-3	0.10	8 lbs	-4 lbs
4-12	0.47	-210 lbs	-210 lbs	10-11	0.09	341 lbs	-195 lbs	11-12	0.01	103 lbs	-78 lbs
4-14	0.47	-772 lbs	-772 lbs	10-13	0.35	541 lbs	-384 lbs	4-10	0.16	-984 lbs	-984 lbs
14-16	0.30	-884 lbs	-884 lbs	13-15	0.35	763 lbs	-526 lbs	13-14	0.11	-649 lbs	-649 lbs
16-18	0.25	-884 lbs	-884 lbs	15-17	0.12	780 lbs	-526 lbs	15-16	0.05	-259 lbs	-259 lbs
5-18	0.21	-821 lbs	-821 lbs	17-19	0.14	780 lbs	-505 lbs	17-18	0.01	-40 lbs	-40 lbs
5-6	0.09	-156 lbs	-156 lbs	19-20	0.14	785 lbs	-495 lbs	20-21	0.01	-64 lbs	-64 lbs
6-7	0.09	-156 lbs	-156 lbs	20-22	0.12	785 lbs	-510 lbs	22-23	0.05	-257 lbs	-257 lbs
7-21	0.21	-823 lbs	-823 lbs	22-24	0.34	772 lbs	-510 lbs	24-25	0.11	-636 lbs	-636 lbs
21-23	0.25	-892 lbs	-892 lbs	9-24	0.34	545 lbs	-370 lbs	9-26	0.17	-1046 lbs	-1046 lbs
23-25	0.29	-892 lbs	-892 lbs	9-27	0.19	191 lbs	-188 lbs	27-28	0.01	98 lbs	-85 lbs
25-26	0.45	-775 lbs	-775 lbs	2-27	0.19	-14 lbs	-14 lbs	2-8	0.01	-38 lbs	-38 lbs
26-28	0.50	236 lbs	-166 lbs					19-29	0.06	-273 lbs	-273 lbs
8-28	0.15	77 lbs	-27 lbs					3-11	0.02	-110 lbs	-110 lbs
5-29	0.27	-591 lbs	-591 lbs					10-12	0.04	-219 lbs	-219 lbs
7-29	0.27	-591 lbs	-591 lbs					4-13	0.12	963 lbs	-732 lbs
								14-15	0.05	381 lbs	-277 lbs
								16-17	0.00	44 lbs	-8 lbs
								18-19	0.03	163 lbs	-117 lbs
								19-21	0.03	189 lbs	-129 lbs
								20-23	0.01	68 lbs	-15 lbs
								22-25	0.04	379 lbs	-234 lbs
								24-26	0.11	958 lbs	-667 lbs
								9-28	0.04	-244 lbs	-244 lbs

TRUSS RT5 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (6 - 8)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.18 (5 - 7)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.25 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-230 lbs	-130 lbs	-70 lbs	-20 lbs	-230 lbs
5	HRoll		0 lbs	550 lbs	0 lbs	-50 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-3-6	4-7-5

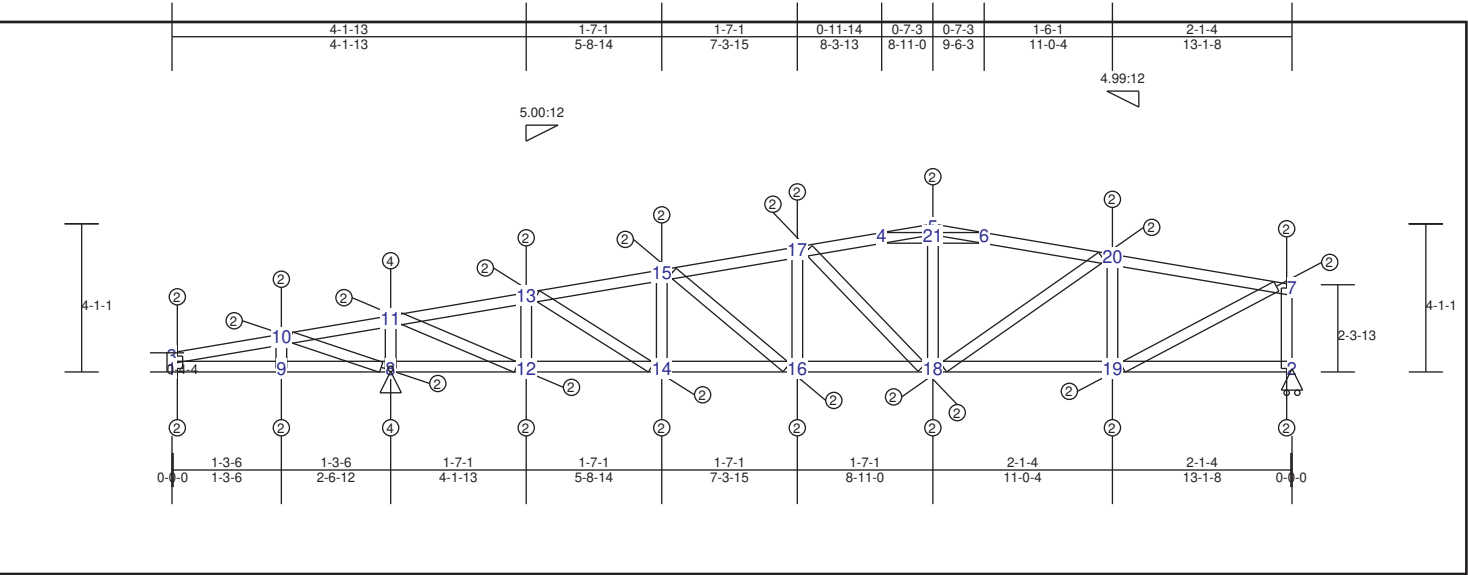
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.14	271 lbs	-167 lbs	1-5	0.16	275 lbs	-219 lbs	1-3	0.25	166 lbs	-11 lbs
6-8	0.26	271 lbs	-153 lbs	5-7	0.18	227 lbs	-219 lbs	5-6	0.02	140 lbs	-121 lbs
4-8	0.17	68 lbs	-25 lbs	2-7	0.18	-14 lbs	-14 lbs	7-8	0.01	-93 lbs	-93 lbs
								2-4	0.01	36 lbs	-31 lbs
								3-5	0.06	-350 lbs	-350 lbs
								5-8	0.05	289 lbs	-284 lbs

TRUSS RT6 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (20 - 7)	TL(V): 0 in.	L / 999	(3-10)	L / 240
BC : 0.29 (8 - 12)	LL(V): 0 in.	L / 999	(3-10)	L / 360
Web : 0.30 (2 - 7)	DL(V): 0 in.	L / 999	(3-10)	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.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-10)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table	P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
	2	HRoll		0 lbs	600 lbs	0 lbs	-140 lbs	0 lbs
	8	Pin	260 lbs	910 lbs	0 lbs	-150 lbs	260 lbs	

Materials	Type	Material	Bracing
	Top Chd	350S150-43(50)	Sheathing
	Bot Chd	350S150-43(50)	Sheathing
	Web	350S150-43(50)	Unbraced

Truss Dimensions	Max Height	Max Width
	4-1-2	13-1-8

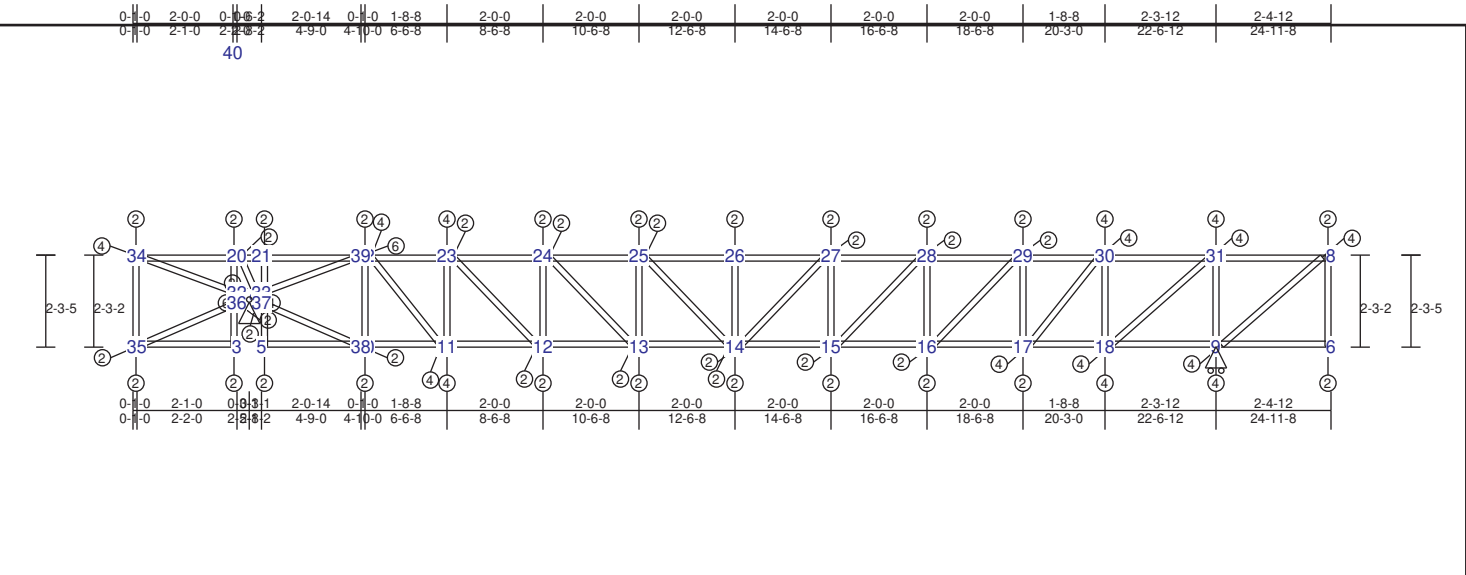
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-10 0.16 76 lbs -27 lbs	1-9 0.18 -14 lbs	1-3 0.01 -37 lbs
10-11 0.38 246 lbs -138 lbs	8-9 0.18 -222 lbs	9-10 0.01 94 lbs
11-13 0.36 -460 lbs -460 lbs	8-12 0.29 -534 lbs	8-11 0.13 -800 lbs
13-15 0.21 -533 lbs -533 lbs	12-14 0.29 -614 lbs	12-13 0.09 -535 lbs
15-17 0.16 -533 lbs -533 lbs	14-16 0.12 -614 lbs	14-15 0.04 -214 lbs
4-17 0.12 -471 lbs -471 lbs	16-18 0.14 -579 lbs	16-17 0.02 -84 lbs
4-5 0.04 -101 lbs -101 lbs	18-19 0.25 -512 lbs	19-20 0.08 -448 lbs
5-6 0.04 -99 lbs -99 lbs	2-19 0.25 -425 lbs	2-7 0.30 -612 lbs
6-20 0.26 -484 lbs -484 lbs		18-21 0.02 -79 lbs
7-20 0.43 -469 lbs -469 lbs		8-10 0.04 -266 lbs
4-21 0.12 358 lbs -332 lbs		13-14 0.03 307 lbs
6-21 0.10 358 lbs -332 lbs		15-16 0.01 80 lbs
		18-20 0.04 -173 lbs
		7-19 0.09 553 lbs
		11-12 0.08 708 lbs
		17-18 0.02 186 lbs

TRUSS RT7 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (22 - 23)	TL(V): 0.01 in.	L / 999	(31-8)	L / 240
BC :	0.63 (17 - 18)	LL(V): -0.01 in.	L / 999	(31-8)	L / 360
Web :	0.99 (4 - 33)	DL(V): 0 in.	L / 999	(7-34)	L / 0
		Cant / OH TL: -0.01 in.	2L / 999	(31-8)	2L / 360
		Cant / OH LL: -0.01 in.	2L / 999	(31-8)	2L / 360
		Horiz TL: -0.01 in.		31	
		Web :			
		Snow/Wind 0 in.	L / 999	(7-34)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
P.Point	Type						
4	Pin		-90 lbs	1620 lbs	0 lbs	0 lbs	-90 lbs
9	HRoll		0 lbs	1750 lbs	0 lbs	0 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
2-4-7	24-11-8

Material Design Pass

Point Loads								
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag
WB10-22	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB11-23	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB12-24	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB13-25	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB14-26	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB15-27	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB16-28	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB17-29	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB18-30	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs
WB1-7	0-0-0	0-0-0	Concentrated	Dead	Down	Global	210 lbs	210 lbs
WB6-8	0-0-0	0-0-0	Concentrated	Dead	Down	Global	260 lbs	260 lbs
WB10-22	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB11-23	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB12-24	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB13-25	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB14-26	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB15-27	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB16-28	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB17-29	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB18-30	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs
WB1-7	0-0-0	0-0-0	Concentrated	Live	Down	Global	315 lbs	315 lbs
WB6-8	0-0-0	0-0-0	Concentrated	Live	Down	Global	390 lbs	390 lbs

TRUSS RT7 (spacing 24 in)

Point Loads

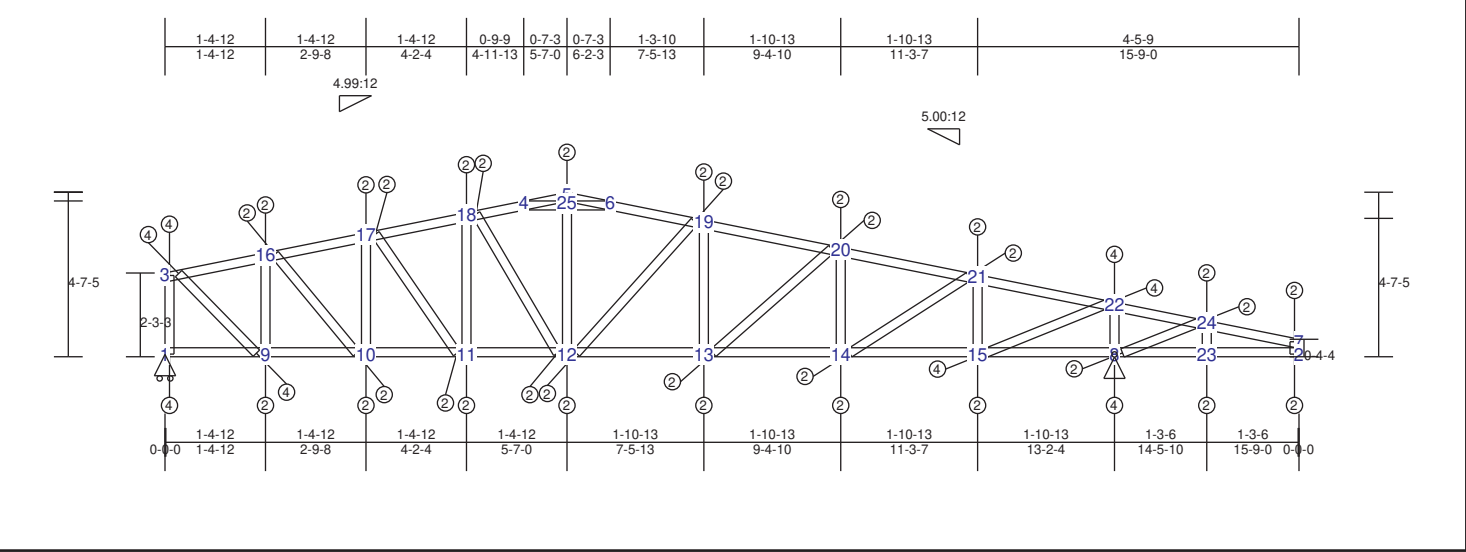
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB10-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB11-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB12-24	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB13-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB14-26	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB15-27	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB16-28	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB17-29	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB18-30	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB1-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	410 lbs	410 lbs	0 in.
WB6-8	0-0-0	0-0-0	Concentrated	Wind	Down	Global	507 lbs	507 lbs	0 in.
WB10-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB11-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB12-24	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB13-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB14-26	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB15-27	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB16-28	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB17-29	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB18-30	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB1-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	410 lbs	410 lbs	0 in.
WB6-8	0-0-0	0-0-0	Concentrated	Wind	Down	Global	507 lbs	507 lbs	0 in.
WB10-22	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB11-23	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB12-24	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB13-25	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB14-26	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB15-27	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB16-28	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB17-29	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB18-30	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB1-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	115 lbs	115 lbs	0 in.
WB6-8	0-0-0	0-0-0	Concentrated	Wind	Down	Global	143 lbs	143 lbs	0 in.

Member Forces Summary

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

Top Chord			Bot Chord			Web			
7-34	0.24	-56 lbs	2-4	0.59	-1492 lbs	1-7	0.16	504 lbs	0 lbs
20-34	0.41	1357 lbs	5-38	0.16	-507 lbs	3-36	0.19	27 lbs	-10 lbs
20-21	0.33	1492 lbs	10-38	0.16	-507 lbs	2-36	0.00	0 lbs	0 lbs
21-39	0.62	1590 lbs	10-11	0.47	808 lbs	2-32	0.75	-206 lbs	-206 lbs
22-39	0.38	442 lbs	11-12	0.47	1277 lbs	20-32	0.63	395 lbs	-206 lbs
22-23	0.67	-808 lbs	12-13	0.28	1557 lbs	5-37	0.38	-250 lbs	-250 lbs
23-24	0.38	-1277 lbs	13-14	0.24	1648 lbs	4-37	0.00	0 lbs	0 lbs
24-25	0.33	-1557 lbs	14-15	0.23	1648 lbs	4-33	0.99	-718 lbs	-718 lbs
25-26	0.33	-1648 lbs	15-16	0.30	1550 lbs	21-33	0.85	-718 lbs	-718 lbs
26-27	0.33	-1648 lbs	16-17	0.40	1260 lbs	10-22	0.03	347 lbs	-109 lbs
27-28	0.33	-1550 lbs	17-18	0.63	787 lbs	11-23	0.13	-787 lbs	-787 lbs
28-29	0.34	-1260 lbs	9-18	0.63	-712 lbs	12-24	0.08	-454 lbs	-454 lbs
29-30	0.48	-787 lbs	6-9	0.40	-712 lbs	13-25	0.04	-229 lbs	-229 lbs
30-31	0.52	712 lbs	1-35	0.01	-56 lbs	14-26	0.02	-106 lbs	-106 lbs
8-31	0.50	712 lbs	3-35	0.02	-56 lbs	15-27	0.04	-236 lbs	-236 lbs
						16-28	0.08	-479 lbs	-479 lbs
						17-29	0.12	-711 lbs	-711 lbs
						18-30	0.16	-986 lbs	-986 lbs
						9-31	0.17	-1003 lbs	-1003 lbs
						6-8	0.17	671 lbs	0 lbs
						32-34	0.25	-1484 lbs	-1484 lbs
						33-39	0.33	-1982 lbs	-1982 lbs
						37-38	0.09	-562 lbs	-562 lbs
						35-36	0.01	59 lbs	-22 lbs
						11-22	0.11	1062 lbs	-35 lbs
						12-23	0.07	751 lbs	-36 lbs
						13-24	0.04	448 lbs	-29 lbs
						14-25	0.01	147 lbs	-18 lbs
						14-27	0.02	158 lbs	0 lbs
						15-28	0.05	463 lbs	0 lbs
						16-29	0.08	758 lbs	-13 lbs
						17-30	0.11	1060 lbs	0 lbs
						18-31	0.13	1329 lbs	-38 lbs
						8-9	0.19	-1030 lbs	-1030 lbs
						4-20	0.09	-540 lbs	-540 lbs

TRUSS RT8 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 16)	TL(V): 0 in.	L / 999 (17-18)	L / 240
BC : 0.39 (1 - 9)	LL(V): 0 in.	L / 999 (17-18)	L / 360
Web : 0.30 (1 - 3)	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: -0.01 in.	7	
	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 AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	HRoll		-250 lbs	1050 lbs	0 lbs	-150 lbs	-250 lbs
8	Pin		-250 lbs	1050 lbs	0 lbs	-170 lbs	-250 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-7-6	15-9-0

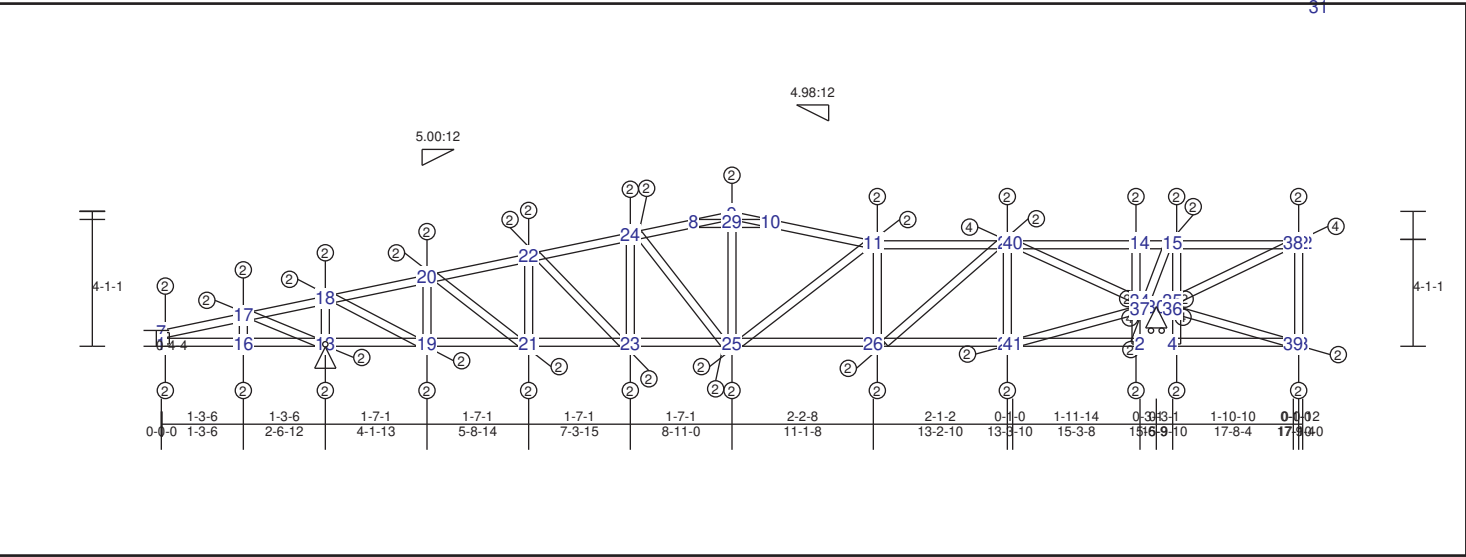
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-6	0.06	-127 lbs	-127 lbs	1-9	0.39	-395 lbs	-395 lbs	1-3	0.30	-777 lbs	-777 lbs
6-19	0.17	-656 lbs	-656 lbs	9-10	0.39	-538 lbs	-538 lbs	9-16	0.13	-744 lbs	-744 lbs
19-20	0.23	-745 lbs	-745 lbs	10-11	0.17	-588 lbs	-588 lbs	10-17	0.07	-360 lbs	-360 lbs
20-21	0.26	-745 lbs	-745 lbs	11-12	0.17	-610 lbs	-610 lbs	11-18	0.04	-170 lbs	-170 lbs
21-22	0.41	-663 lbs	-663 lbs	12-13	0.16	-702 lbs	-702 lbs	13-19	0.02	-105 lbs	-105 lbs
22-24	0.46	239 lbs	-132 lbs	13-14	0.14	-754 lbs	-754 lbs	14-20	0.04	-210 lbs	-210 lbs
7-24	0.15	76 lbs	-27 lbs	14-15	0.31	-754 lbs	-754 lbs	15-21	0.09	-568 lbs	-568 lbs
3-16	0.55	-567 lbs	-567 lbs	8-15	0.31	-661 lbs	-661 lbs	8-22	0.16	-949 lbs	-949 lbs
16-17	0.28	-643 lbs	-643 lbs	8-23	0.18	-224 lbs	-224 lbs	23-24	0.01	97 lbs	-86 lbs
17-18	0.17	-643 lbs	-643 lbs	2-23	0.18	-14 lbs	-14 lbs	2-7	0.01	-38 lbs	-38 lbs
4-18	0.15	-640 lbs	-640 lbs					12-25	0.04	-175 lbs	-175 lbs
4-5	0.06	-126 lbs	-126 lbs					3-9	0.11	783 lbs	-658 lbs
4-25	0.18	485 lbs	-464 lbs					10-16	0.07	452 lbs	-386 lbs
6-25	0.18	485 lbs	-464 lbs					11-17	0.03	180 lbs	-159 lbs
								13-20	0.01	108 lbs	-25 lbs
								14-21	0.03	315 lbs	-182 lbs
								15-22	0.10	857 lbs	-575 lbs
								8-24	0.04	-250 lbs	-250 lbs
								12-19	0.04	233 lbs	-176 lbs
								12-18	0.02	-82 lbs	-82 lbs

TRUSS RT9 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (40 - 14)	TL(V): 0 in.	L / 999 (9-10)	L / 240
BC : 0.59 (3 - 5)	LL(V): 0 in.	L / 999 (9-10)	L / 360
Web : 0.68 (5 - 35)	DL(V): 0 in.	L / 999 (7-17)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: -0.01 in.	6	
	Web :		
	Snow/Wind 0 in.	L / 999 (7-17)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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	HRoll		0 lbs	1820 lbs	0 lbs	0 lbs	0 lbs
13	Pin		150 lbs	890 lbs	0 lbs	-280 lbs	150 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-1-10	17-10-0

Material Design Pass

Point Loads

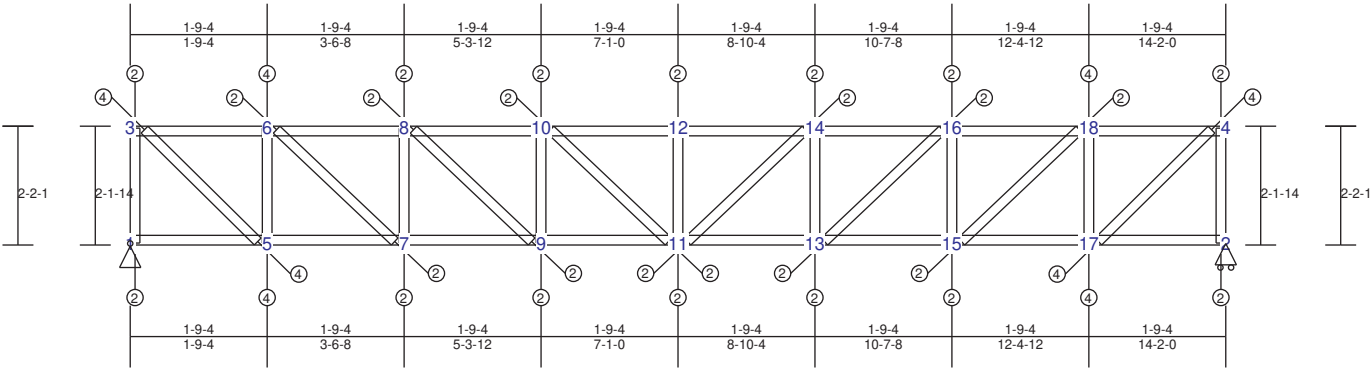
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB32-33	3-0-9	3-0-9	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB32-33	3-0-9	3-0-9	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB32-33	3-0-9	3-0-9	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB32-33	3-0-9	3-0-9	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB32-33	3-0-9	3-0-9	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-17	0.16	76 lbs	-27 lbs	1-16	0.18	-14 lbs	-14 lbs	1-7	0.01	37 lbs	-36 lbs	13-17	0.04	-268 lbs	-268 lbs
17-18	0.38	247 lbs	-131 lbs	13-16	0.18	-207 lbs	-207 lbs	16-17	0.01	94 lbs	-84 lbs	18-19	0.11	679 lbs	-675 lbs
18-20	0.34	605 lbs	-428 lbs	13-19	0.27	-522 lbs	-522 lbs	13-18	0.13	-771 lbs	-771 lbs	20-21	0.05	-300 lbs	-300 lbs
20-22	0.22	740 lbs	-492 lbs	19-21	0.27	-685 lbs	-685 lbs	19-20	0.08	518 lbs	-513 lbs	22-23	0.01	-37 lbs	-37 lbs
22-24	0.17	753 lbs	-492 lbs	21-23	0.14	-695 lbs	-695 lbs	21-22	0.04	213 lbs	-198 lbs	24-25	0.02	-110 lbs	-110 lbs
8-24	0.20	754 lbs	-421 lbs	23-25	0.19	-695 lbs	-695 lbs	23-24	0.00	45 lbs	0 lbs	11-25	0.03	275 lbs	0 lbs
8-9	0.07	121 lbs	-35 lbs	25-26	0.19	-799 lbs	-799 lbs	11-26	0.11	-606 lbs	-606 lbs	26-28	0.07	693 lbs	-310 lbs
9-10	0.07	121 lbs	-29 lbs	26-27	0.33	-799 lbs	-799 lbs	27-28	0.04	377 lbs	-3 lbs	3-15	0.11	-691 lbs	-691 lbs
10-11	0.22	795 lbs	-432 lbs	27-41	0.21	-644 lbs	-644 lbs	2-37	0.31	-347 lbs	-347 lbs				
11-28	0.39	799 lbs	-229 lbs	2-41	0.21	-644 lbs	-644 lbs	3-37	0.00	0 lbs	0 lbs				
28-40	0.41	644 lbs	0 lbs	4-39	0.01	-22 lbs	-22 lbs	3-34	0.57	-808 lbs	-808 lbs				
14-40	0.59	1046 lbs	0 lbs	33-39	0.01	0 lbs	0 lbs	14-34	0.45	-808 lbs	-808 lbs				
14-15	0.31	1025 lbs	0 lbs	6-33	0.01	0 lbs	0 lbs	4-36	0.09	15 lbs	-1 lbs				
15-38	0.47	905 lbs	0 lbs	3-5	0.59	-1025 lbs	-1025 lbs	5-36	0.00	0 lbs	0 lbs				
32-38	0.39	0 lbs	0 lbs					5-35	0.68	-347 lbs	-347 lbs				
12-32	0.33	0 lbs	0 lbs					15-35	0.42	526 lbs	-347 lbs				
8-29	0.24	611 lbs	-369 lbs					25-29	0.06	-259 lbs	-259 lbs				
10-29	0.24	611 lbs	-369 lbs					32-33	0.00	-12 lbs	-12 lbs				
								34-40	0.22	-1260 lbs	-1260 lbs				
								37-41	0.13	-758 lbs	-758 lbs				
								36-39	0.00	26 lbs	0 lbs				
								35-38	0.22	-1258 lbs	-1258 lbs				

TRUSS RT10 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 6)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.44 (15 - 17)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.28 (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: 0.01 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-170 lbs	730 lbs	0 lbs	-160 lbs	-170 lbs
2	HRoll		0 lbs	730 lbs	0 lbs	-180 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-2-1	14-2-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.55	-544 lbs	-544 lbs	1-5	0.44	-667 lbs	-667 lbs	1-3	0.27	-754 lbs	-754 lbs
6-8	0.39	-947 lbs	-947 lbs	5-7	0.44	-975 lbs	-975 lbs	5-6	0.13	-811 lbs	-811 lbs
8-10	0.30	-1184 lbs	-1184 lbs	7-9	0.25	1184 lbs	-1149 lbs	7-8	0.08	-509 lbs	-509 lbs
10-12	0.29	-1264 lbs	-1264 lbs	9-11	0.23	1264 lbs	-1197 lbs	9-10	0.05	-303 lbs	-303 lbs
12-14	0.29	-1264 lbs	-1264 lbs	11-13	0.24	1264 lbs	-1197 lbs	11-12	0.03	-183 lbs	-183 lbs
14-16	0.30	-1184 lbs	-1184 lbs	13-15	0.25	1184 lbs	-1115 lbs	13-14	0.05	-303 lbs	-303 lbs
16-18	0.39	-946 lbs	-946 lbs	15-17	0.44	946 lbs	-906 lbs	15-16	0.08	-510 lbs	-510 lbs
4-18	0.55	-544 lbs	-544 lbs	2-17	0.44	-563 lbs	-563 lbs	17-18	0.13	-812 lbs	-812 lbs
								2-4	0.28	-754 lbs	-754 lbs
								3-5	0.13	950 lbs	-737 lbs
								6-7	0.09	684 lbs	-523 lbs
								8-9	0.06	403 lbs	-317 lbs
								10-11	0.02	136 lbs	-126 lbs
								11-14	0.02	-140 lbs	-140 lbs
								13-16	0.06	403 lbs	-355 lbs
								15-18	0.10	684 lbs	-582 lbs
								4-17	0.14	950 lbs	-796 lbs

Max CSI Summary	Deflection	L (in)	U (in)	Loc	Max. Allowed
TC: 0.54 (12 - 13)	TL(V): 0.01 in.	L / 999	4		L / 240
BC: 0.58 (10 - 14)	LL(V): 0 in.	L / 999	4		L / 360
Web: 0.44 (1 - 3)	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: -0.01 in.		3		
	Web:				
	Snow/Wind 0 in.	L / 999	4		L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0		L / 0

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
9	Pin		-340 lbs	980 lbs	0 lbs	-290 lbs	-340 lbs
10	HRoll		0 lbs	2150 lbs	0 lbs	0 lbs	0 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S162-43(50)	Sheathing			
Bot Chd	350S162-43(50)	Sheathing			
Web	350S162-43(50)	Unbraced			

Max Height	Max Width
4-7-6	21-10-0

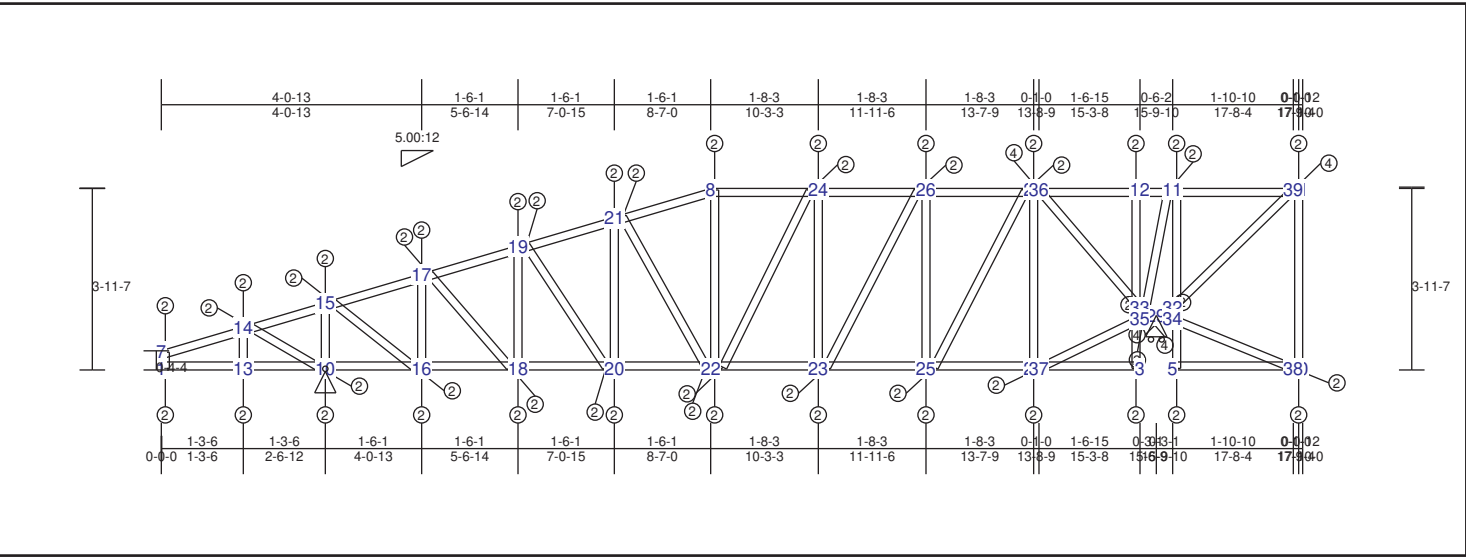
Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB1-3	3-0-7	3-0-7	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB1-3	3-0-7	3-0-7	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB1-3	3-0-7	3-0-7	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB1-3	3-0-7	3-0-7	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB1-3	3-0-7	3-0-7	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

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

Top Chord				Bot Chord				Web				Web			
3-12	0.52	464 lbs	-159 lbs	1-11	0.47	-464 lbs	-464 lbs	1-3	0.44	36 lbs	0 lbs	4-17	0.05	511 lbs	0 lbs
12-13	0.54	1007 lbs	0 lbs	10-11	0.52	-1007 lbs	-1007 lbs	11-12	0.10	1030 lbs	0 lbs	18-19	0.04	399 lbs	0 lbs
13-15	0.54	1007 lbs	0 lbs	10-14	0.58	-1027 lbs	-1027 lbs	10-13	0.24	-1165 lbs	-1165 lbs	19-21	0.06	-216 lbs	-216 lbs
4-15	0.52	1089 lbs	-146 lbs	14-16	0.58	-1268 lbs	-1268 lbs	14-15	0.23	-1111 lbs	-1111 lbs	20-23	0.01	-47 lbs	-47 lbs
4-18	0.27	1089 lbs	-519 lbs	16-17	0.25	-1268 lbs	-1268 lbs	4-16	0.16	-796 lbs	-796 lbs	22-25	0.06	-313 lbs	-313 lbs
5-18	0.23	951 lbs	-519 lbs	17-19	0.26	-1183 lbs	-1183 lbs	17-18	0.11	-441 lbs	-441 lbs	24-26	0.14	783 lbs	-781 lbs
5-6	0.10	174 lbs	-110 lbs	19-20	0.26	-1139 lbs	-1139 lbs	20-21	0.01	639 lbs	-20 lbs	9-28	0.04	-253 lbs	
6-7	0.12	172 lbs	-112 lbs	20-22	0.20	-1151 lbs	-1151 lbs	22-23	0.03	214 lbs	-174 lbs				
7-21	0.21	952 lbs	-530 lbs	22-24	0.28	-1151 lbs	-1151 lbs	24-25	0.09	529 lbs	-520 lbs				
21-23	0.20	952 lbs	-637 lbs	9-24	0.28	-982 lbs	-982 lbs	9-26	0.14	-878 lbs	-878 lbs				
23-25	0.23	940 lbs	-640 lbs	9-27	0.17	-390 lbs	-390 lbs	27-28	0.01	98 lbs	-89 lbs				
25-26	0.35	782 lbs	-580 lbs	2-27	0.17	-14 lbs	-14 lbs	2-8	0.01	39 lbs	-38 lbs				
26-28	0.41	240 lbs	-125 lbs					19-29	0.12	-428 lbs	-428 lbs				
8-28	0.13	77 lbs	-28 lbs					3-11	0.23	-1060 lbs	-1060 lbs				
5-29	0.33	735 lbs	-362 lbs					10-12	0.27	-1199 lbs	-1199 lbs				
7-29	0.33	735 lbs	-362 lbs					13-14	0.16	1208 lbs	-687 lbs				
								15-16	0.11	993 lbs	-466 lbs				

TRUSS RT12 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (36 - 12)	TL(V): 0 in.	L / 999	8	L / 240
BC :	0.55 (2 - 4)	LL(V): 0 in.	L / 999	8	L / 360
Web :	0.55 (4 - 32)	DL(V): 0 in.	L / 999	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: 0.01 in.		7	
		Web :			
		Snow/Wind 0 in.	L / 999	8	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		0 lbs	1760 lbs	0 lbs	0 lbs	0 lbs
10	Pin		180 lbs	820 lbs	0 lbs	-260 lbs	180 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-0-5	17-10-0

Material Design Pass

Point Loads

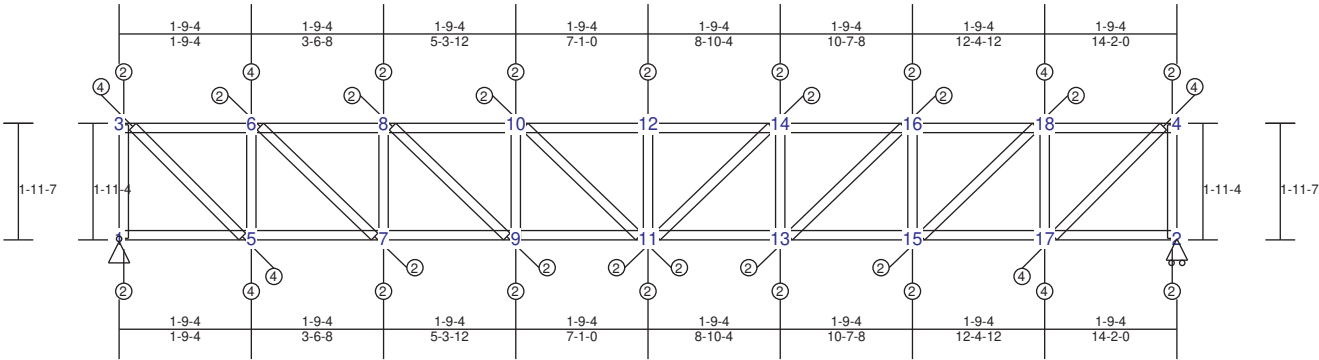
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB30-31	3-9-15	3-9-15	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB30-31	3-9-15	3-9-15	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB30-31	3-9-15	3-9-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB30-31	3-9-15	3-9-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB30-31	3-9-15	3-9-15	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-24	0.20	639 lbs	-271 lbs	2-4	0.55	-717 lbs	-717 lbs	1-7	0.01	36 lbs	-36 lbs	11-32	0.29	487 lbs	-386 lbs
24-26	0.32	639 lbs	-199 lbs	1-13	0.18	-14 lbs	-14 lbs	13-14	0.01	93 lbs	-83 lbs	30-31	0.00	-8 lbs	-8 lbs
26-28	0.41	583 lbs	-40 lbs	10-13	0.18	-211 lbs	-211 lbs	10-15	0.12	-703 lbs	-703 lbs	32-39	0.20	-1078 lbs	-1078 lbs
28-36	0.44	466 lbs	0 lbs	10-16	0.26	-520 lbs	-520 lbs	16-17	0.08	490 lbs	-480 lbs	34-38	0.00	17 lbs	0 lbs
12-36	0.49	726 lbs	0 lbs	16-18	0.26	-665 lbs	-665 lbs	18-19	0.03	203 lbs	-184 lbs	33-36	0.19	-1026 lbs	-1026 lbs
11-12	0.30	717 lbs	0 lbs	18-20	0.13	-679 lbs	-679 lbs	20-21	0.00	30 lbs	0 lbs	35-37	0.10	-580 lbs	-580 lbs
11-39	0.45	633 lbs	0 lbs	20-22	0.13	-679 lbs	-679 lbs	8-22	0.03	-158 lbs	-158 lbs	10-14	0.05	-274 lbs	-274 lbs
31-39	0.38	0 lbs	0 lbs	22-23	0.20	-639 lbs	-639 lbs	23-24	0.09	-408 lbs	-408 lbs	15-16	0.10	-618 lbs	-618 lbs
9-31	0.33	0 lbs	0 lbs	23-25	0.35	-639 lbs	-639 lbs	25-26	0.14	-658 lbs	-658 lbs	17-18	0.05	-278 lbs	-278 lbs
7-14	0.16	76 lbs	-27 lbs	25-27	0.35	-583 lbs	-583 lbs	27-28	0.03	341 lbs	0 lbs	19-20	0.01	-37 lbs	-37 lbs
14-15	0.35	249 lbs	-133 lbs	27-37	0.17	-466 lbs	-466 lbs	3-35	0.22	-311 lbs	-311 lbs	21-22	0.04	-182 lbs	-182 lbs
15-17	0.32	529 lbs	-348 lbs	3-37	0.18	-466 lbs	-466 lbs	2-35	0.00	0 lbs	0 lbs	22-24	0.02	219 lbs	0 lbs
17-19	0.20	650 lbs	-399 lbs	5-38	0.01	-14 lbs	-14 lbs	2-33	0.42	-819 lbs	-819 lbs	23-26	0.05	464 lbs	-162 lbs
19-21	0.14	658 lbs	-399 lbs	30-38	0.00	0 lbs	0 lbs	12-33	0.26	-819 lbs	-819 lbs	25-28	0.08	678 lbs	-342 lbs
8-21	0.18	661 lbs	-329 lbs	6-30	0.00	0 lbs	0 lbs	5-34	0.06	9 lbs	0 lbs	2-11	0.12	-648 lbs	-648 lbs
								4-34	0.00	0 lbs	0 lbs				
								4-32	0.55	-386 lbs	-386 lbs				

TRUSS RT13 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (18 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.44 (15 - 17)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.23 (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: 0.01 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-150 lbs	730 lbs	0 lbs	-160 lbs	-150 lbs
2	HRoll		0 lbs	730 lbs	0 lbs	-180 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
11'-11.7	14'-2.0

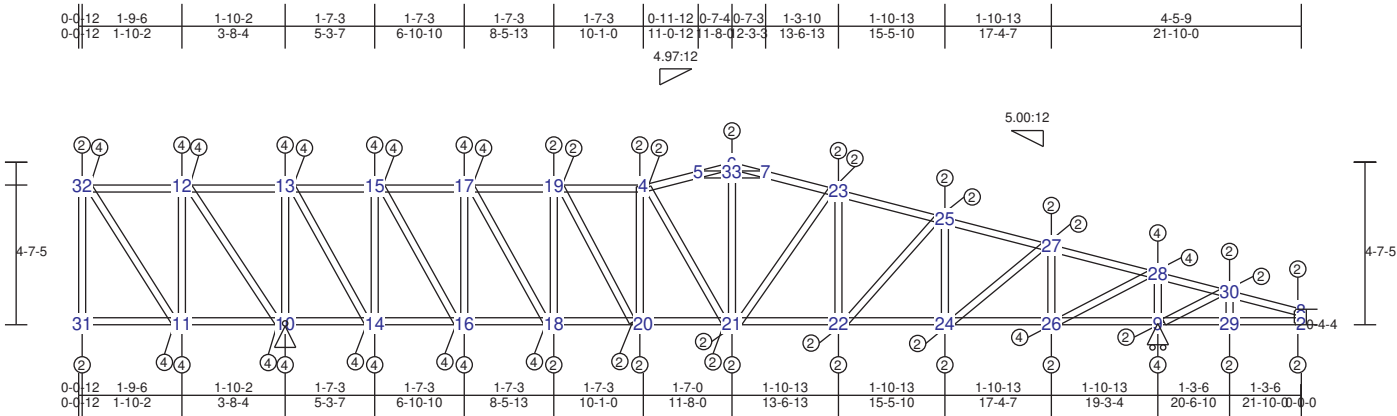
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.54	-609 lbs	-609 lbs	1-5	0.44	-695 lbs	-695 lbs	1-3	0.23	-754 lbs	-754 lbs
6-8	0.39	-1059 lbs	-1059 lbs	5-7	0.44	1059 lbs	-1044 lbs	5-6	0.13	-810 lbs	-810 lbs
8-10	0.32	-1325 lbs	-1325 lbs	7-9	0.26	1325 lbs	-1242 lbs	7-8	0.08	-509 lbs	-509 lbs
10-12	0.32	-1415 lbs	-1415 lbs	9-11	0.25	1415 lbs	-1300 lbs	9-10	0.05	-303 lbs	-303 lbs
12-14	0.32	-1415 lbs	-1415 lbs	11-13	0.25	1415 lbs	-1300 lbs	11-12	0.03	-183 lbs	-183 lbs
14-16	0.32	-1325 lbs	-1325 lbs	13-15	0.26	1325 lbs	-1211 lbs	13-14	0.05	-303 lbs	-303 lbs
16-18	0.39	-1059 lbs	-1059 lbs	15-17	0.44	1059 lbs	-981 lbs	15-16	0.08	-509 lbs	-509 lbs
4-18	0.54	-609 lbs	-609 lbs	2-17	0.44	609 lbs	-602 lbs	17-18	0.13	-810 lbs	-810 lbs
								2-4	0.23	-754 lbs	-754 lbs
								3-5	0.13	988 lbs	-772 lbs
								6-7	0.09	713 lbs	-551 lbs
								8-9	0.06	420 lbs	-324 lbs
								10-11	0.02	142 lbs	-125 lbs
								11-14	0.02	142 lbs	-140 lbs
								13-16	0.06	420 lbs	-364 lbs
								15-18	0.10	713 lbs	-600 lbs
								4-17	0.14	988 lbs	-821 lbs

TRUSS RT14 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (13 - 15)	TL(V): 0.01 in.	L / 999	4
BC : 0.67 (10 - 14)	LL(V): 0 in.	L / 999	4
Web : 0.27 (12 - 10)	DL(V): 0 in.	L / 999	4
	Cant / OH TL: 0 in.	2L / 999	0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: -0.01 in.		3
	Web :		
	Snow/Wind 0 in.	L / 999	(3-32) L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0 L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
9	HRoll		0 lbs	980 lbs	0 lbs	-280 lbs	0 lbs
10	Pin		-190 lbs	2150 lbs	0 lbs	0 lbs	-190 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-7-6	21-10-0

Material Design Pass

Point Loads

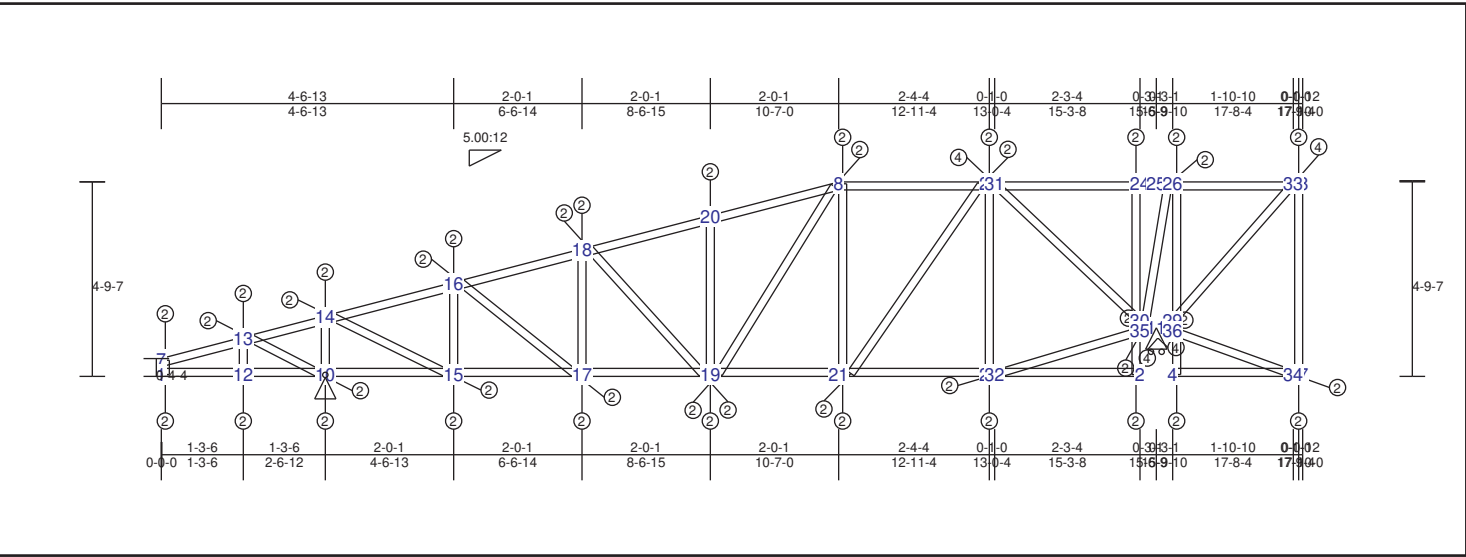
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB31-32	3-9-15	3-9-15	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB31-32	3-9-15	3-9-15	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB31-32	3-9-15	3-9-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB31-32	3-9-15	3-9-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB31-32	3-9-15	3-9-15	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
3-32	0.35	0 lbs	0 lbs	1-31	0.02	0 lbs	0 lbs	11-12	0.10	1004 lbs	0 lbs	4-21	0.03	327 lbs	0 lbs
12-32	0.54	371 lbs	0 lbs	11-31	0.50	-371 lbs	-371 lbs	10-13	0.25	-1135 lbs	-1135 lbs	21-23	0.05	-213 lbs	-213 lbs
12-13	0.56	806 lbs	0 lbs	10-11	0.53	-806 lbs	-806 lbs	14-15	0.26	-1198 lbs	-1198 lbs	22-25	0.01	-48 lbs	-48 lbs
13-15	0.56	806 lbs	0 lbs	10-14	0.67	-806 lbs	-806 lbs	16-17	0.21	-962 lbs	-962 lbs	24-27	0.05	-298 lbs	-298 lbs
15-17	0.56	771 lbs	0 lbs	14-16	0.67	-541 lbs	-541 lbs	18-19	0.17	-765 lbs	-765 lbs	26-28	0.13	-783 lbs	-783 lbs
17-19	0.45	887 lbs	-178 lbs	16-18	0.47	-657 lbs	-657 lbs	4-20	0.12	-557 lbs	-557 lbs	9-30	0.04	-256 lbs	-256 lbs
4-19	0.36	942 lbs	-369 lbs	18-20	0.38	-712 lbs	-712 lbs	22-23	0.01	69 lbs	-11 lbs	11-32	0.24	-1018 lbs	-1018 lbs
4-5	0.25	918 lbs	-509 lbs	20-21	0.20	-712 lbs	-712 lbs	24-25	0.03	204 lbs	-172 lbs				
5-6	0.10	157 lbs	-98 lbs	21-22	0.20	-636 lbs	-636 lbs	26-27	0.09	528 lbs	-513 lbs				
6-7	0.11	154 lbs	-102 lbs	22-24	0.12	-636 lbs	-636 lbs	9-28	0.14	873 lbs	-870 lbs				
7-23	0.23	914 lbs	-520 lbs	24-26	0.28	-631 lbs	-631 lbs	29-30	0.01	96 lbs	-86 lbs				
23-25	0.22	920 lbs	-627 lbs	9-26	0.28	-453 lbs	-453 lbs	2-8	0.01	38 lbs	-38 lbs				
25-27	0.25	920 lbs	-631 lbs	9-29	0.19	-197 lbs	-197 lbs	31-32	0.00	37 lbs	0 lbs				
27-28	0.39	774 lbs	-571 lbs	2-29	0.19	-14 lbs	-14 lbs	21-33	0.10	-403 lbs	-403 lbs				
28-30	0.45	242 lbs	-125 lbs					10-12	0.27	-1152 lbs	-1152 lbs				
8-30	0.15	76 lbs	-27 lbs					13-14	0.15	1119 lbs	-673 lbs				
5-33	0.34	721 lbs	-365 lbs					15-16	0.12	1080 lbs	-535 lbs				
7-33	0.34	721 lbs	-365 lbs					17-18	0.08	828 lbs	-356 lbs				
								19-20	0.06	611 lbs	-190 lbs				

TRUSS RT15 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (31 - 24)	TL(V): 0.01 in.	L / 999 (8-23)	L / 240
BC :	0.52 (3 - 5)	LL(V): 0.01 in.	L / 999 (8-23)	L / 360
Web :	0.48 (5 - 29)	DL(V): 0 in.	L / 999 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: 0.01 in.	7	
		Web :		
		Snow/Wind 0 in.	L / 999 8	L / 360
		Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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	HRoll		0 lbs	1760 lbs	0 lbs	0 lbs	0 lbs
10	Pin		230 lbs	830 lbs	0 lbs	-250 lbs	230 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-10-5	17-10-0

Material Design Pass

Point Loads

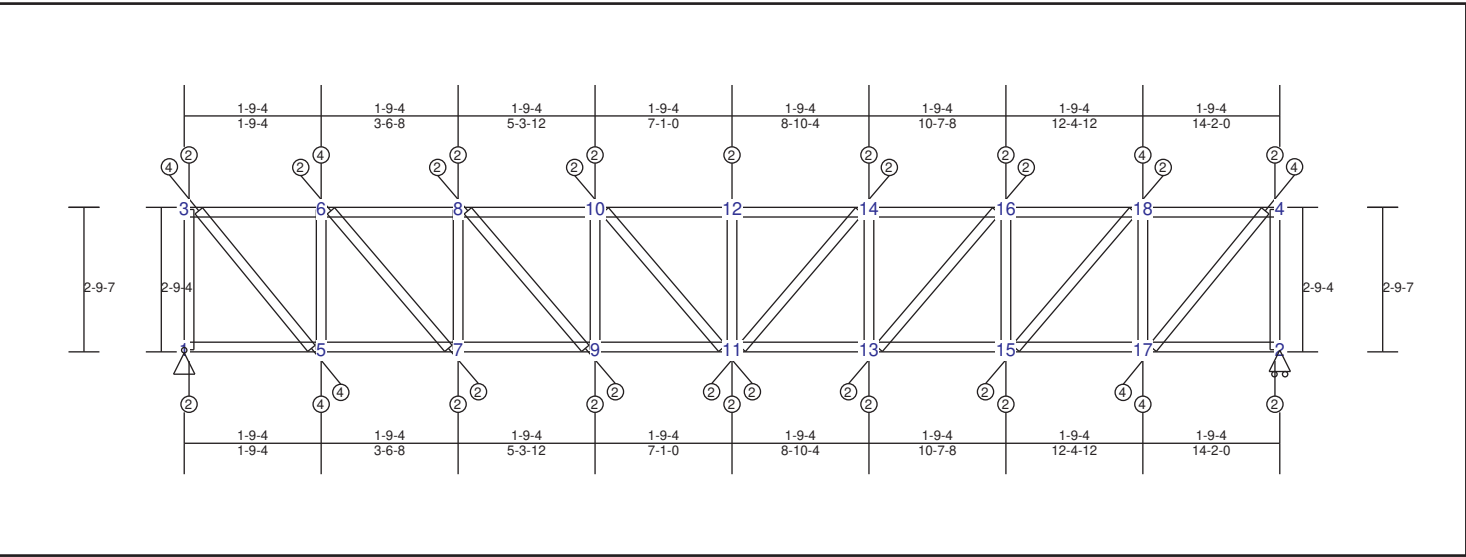
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB27-28	4-7-15	4-7-15	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-23	0.31	537 lbs	-134 lbs	1-12	0.19	-14 lbs	-14 lbs	1-7	0.01	37 lbs	-37 lbs	29-33	0.21	-998 lbs	-998 lbs
23-31	0.41	445 lbs	0 lbs	10-12	0.19	-204 lbs	-204 lbs	12-13	0.01	96 lbs	-86 lbs	34-36	0.00	10 lbs	-8 lbs
24-31	0.51	549 lbs	0 lbs	10-15	0.21	-643 lbs	-643 lbs	10-14	0.12	-708 lbs	-708 lbs	30-31	0.20	-879 lbs	-879 lbs
24-26	0.30	544 lbs	0 lbs	15-17	0.21	-727 lbs	-727 lbs	15-16	0.06	-387 lbs	-387 lbs	32-35	0.09	-504 lbs	-504 lbs
26-33	0.44	480 lbs	0 lbs	17-19	0.21	-727 lbs	-727 lbs	17-18	0.01	63 lbs	-49 lbs	10-13	0.04	-264 lbs	-264 lbs
28-33	0.40	0 lbs	0 lbs	19-21	0.21	-669 lbs	-669 lbs	19-20	0.05	-247 lbs	-247 lbs	14-15	0.10	609 lbs	-586 lbs
9-28	0.33	0 lbs	0 lbs	21-22	0.26	-537 lbs	-537 lbs	8-21	0.13	-478 lbs	-478 lbs	16-17	0.02	-135 lbs	-135 lbs
7-13	0.15	76 lbs	-28 lbs	22-32	0.14	-445 lbs	-445 lbs	22-23	0.02	223 lbs	-7 lbs	18-19	0.03	-137 lbs	-137 lbs
13-14	0.36	245 lbs	-131 lbs	2-32	0.15	-445 lbs	-445 lbs	2-35	0.21	-208 lbs	-208 lbs	8-19	0.10	425 lbs	-365 lbs
14-16	0.31	563 lbs	-392 lbs	4-34	0.01	-9 lbs	-9 lbs	3-35	0.00	0 lbs	0 lbs	21-23	0.07	501 lbs	-234 lbs
16-18	0.23	623 lbs	-421 lbs	27-34	0.00	0 lbs	0 lbs	3-30	0.37	-762 lbs	-762 lbs	3-26	0.13	-619 lbs	-619 lbs
18-20	0.23	699 lbs	-366 lbs	6-27	0.00	0 lbs	0 lbs	24-30	0.24	-762 lbs	-762 lbs				
8-20	0.27	699 lbs	-365 lbs	3-5	0.52	-544 lbs	-544 lbs	4-36	0.04	5 lbs	-2 lbs				
								5-36	0.00	0 lbs	0 lbs				
								5-29	0.48	-387 lbs	-387 lbs				
								26-29	0.22	487 lbs	-387 lbs				
								27-28	0.00	8 lbs	-5 lbs				

TRUSS RT16 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.55 (18 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.44 (15 - 17)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.54 (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: 0.01 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-220 lbs	730 lbs	0 lbs	-150 lbs	-220 lbs
2	HRoll		0 lbs	730 lbs	0 lbs	-190 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-9-7	14-2-0

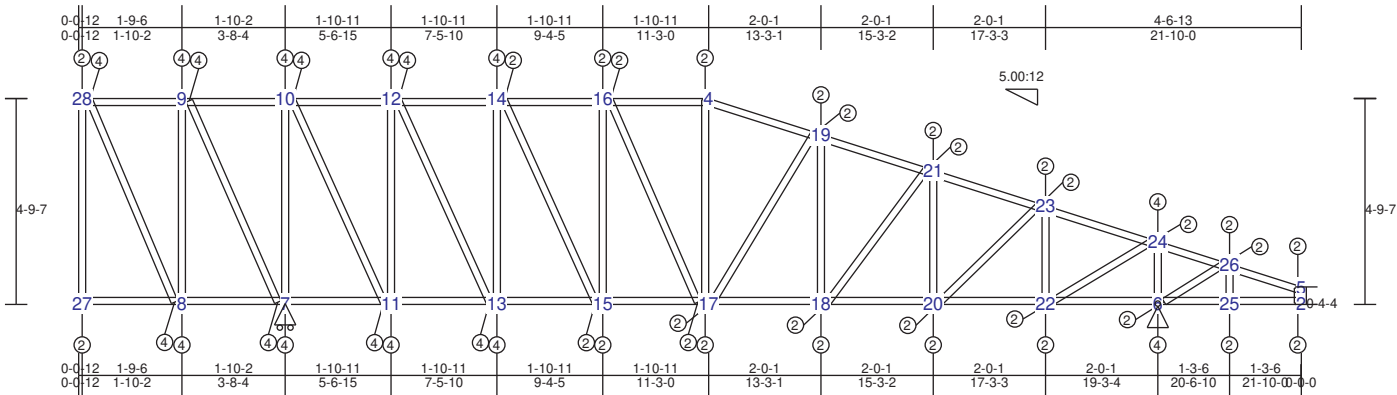
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.55	-418 lbs	-418 lbs	1-5	0.44	-635 lbs	-635 lbs	1-3	0.42	-755 lbs	-755 lbs
6-8	0.40	-728 lbs	-728 lbs	5-7	0.44	-863 lbs	-863 lbs	5-6	0.14	-813 lbs	-813 lbs
8-10	0.27	-911 lbs	-911 lbs	7-9	0.25	-988 lbs	-988 lbs	7-8	0.09	-511 lbs	-511 lbs
10-12	0.25	-973 lbs	-973 lbs	9-11	0.20	-1015 lbs	-1015 lbs	9-10	0.05	-303 lbs	-303 lbs
12-14	0.25	-973 lbs	-973 lbs	11-13	0.21	-1015 lbs	-1015 lbs	11-12	0.03	-183 lbs	-183 lbs
14-16	0.27	-911 lbs	-911 lbs	13-15	0.25	-942 lbs	-942 lbs	13-14	0.05	-303 lbs	-303 lbs
16-18	0.40	-728 lbs	-728 lbs	15-17	0.44	-772 lbs	-772 lbs	15-16	0.09	-511 lbs	-511 lbs
4-18	0.55	-418 lbs	-418 lbs	2-17	0.44	-499 lbs	-499 lbs	17-18	0.14	-813 lbs	-813 lbs
								2-4	0.54	-755 lbs	-755 lbs
								3-5	0.13	885 lbs	-677 lbs
								6-7	0.09	635 lbs	-499 lbs
								8-9	0.06	375 lbs	-313 lbs
								10-11	0.03	-136 lbs	-136 lbs
								11-14	0.03	-148 lbs	-148 lbs
								13-16	0.07	375 lbs	-349 lbs
								15-18	0.11	635 lbs	-559 lbs
								4-17	0.14	885 lbs	-760 lbs

TRUSS RT17 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (9 - 10)	TL(V): 0 in.	L / 999	(3-28)	L / 240
BC :	0.61 (7 - 11)	LL(V): 0 in.	L / 999	(3-28)	L / 360
Web :	0.32 (9 - 7)	DL(V): 0 in.	L / 999	(3-28)	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: -0.01 in.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-28)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	Pin		-230 lbs	920 lbs	0 lbs	-260 lbs	-230 lbs
7	HRoll		0 lbs	2090 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-9-8	21-10-0

Material Design Pass

Point Loads

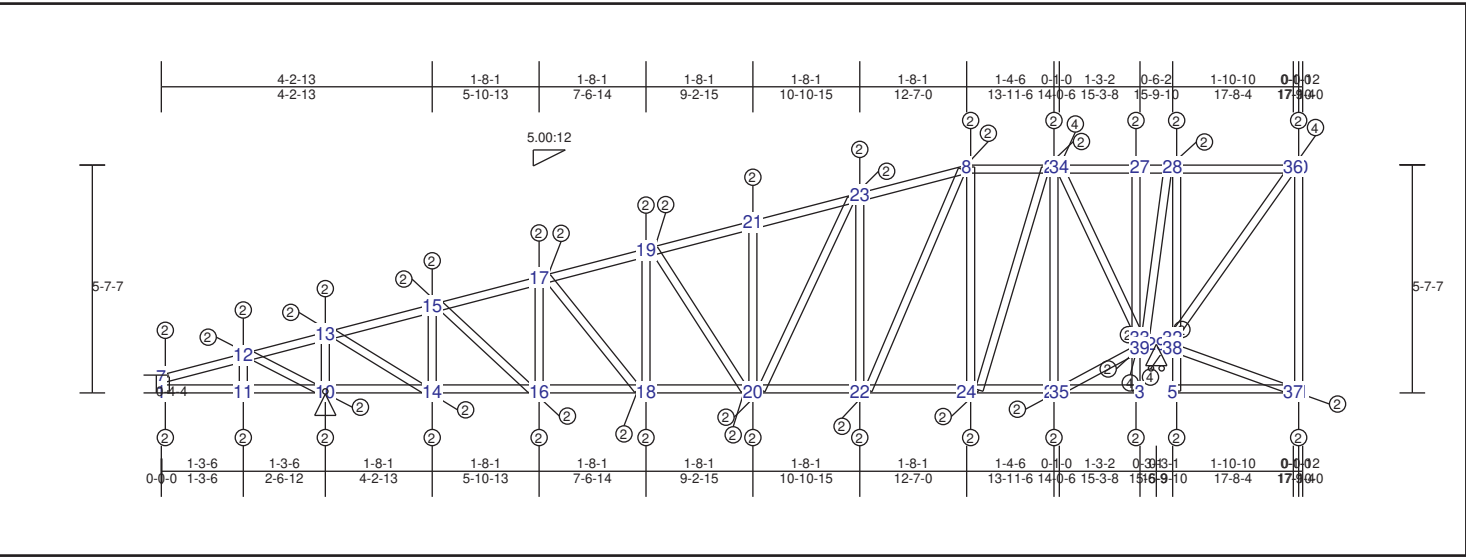
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB27-28	4-7-15	4-7-15	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB27-28	4-7-15	4-7-15	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
3-28	0.35	0 lbs	0 lbs	1-27	0.02	0 lbs	0 lbs	8-9	0.10	1006 lbs	0 lbs	16-17	0.04	380 lbs	-61 lbs
9-28	0.54	305 lbs	0 lbs	8-27	0.50	-305 lbs	-305 lbs	7-10	0.29	-1080 lbs	-1080 lbs	17-19	0.08	-320 lbs	-320 lbs
9-10	0.54	663 lbs	0 lbs	7-8	0.54	-663 lbs	-663 lbs	11-12	0.28	-1069 lbs	-1069 lbs	18-21	0.02	-98 lbs	-98 lbs
10-12	0.54	663 lbs	0 lbs	7-11	0.61	-663 lbs	-663 lbs	13-14	0.21	-802 lbs	-802 lbs	20-23	0.04	-221 lbs	-221 lbs
12-14	0.52	649 lbs	-7 lbs	11-13	0.61	-649 lbs	-649 lbs	15-16	0.16	-599 lbs	-599 lbs	22-24	0.12	-719 lbs	-719 lbs
14-16	0.39	729 lbs	-174 lbs	13-15	0.39	-729 lbs	-729 lbs	4-17	0.05	-190 lbs	-190 lbs	6-26	0.04	-257 lbs	-257 lbs
4-16	0.31	748 lbs	-294 lbs	15-17	0.31	-748 lbs	-748 lbs	18-19	0.01	122 lbs	-69 lbs	8-28	0.28	-995 lbs	-995 lbs
4-19	0.24	793 lbs	-382 lbs	17-18	0.20	-858 lbs	-858 lbs	20-21	0.02	150 lbs	-118 lbs				
19-21	0.20	827 lbs	-520 lbs	18-20	0.16	-889 lbs	-889 lbs	22-23	0.07	463 lbs	-446 lbs				
21-23	0.25	827 lbs	-549 lbs	20-22	0.24	-889 lbs	-889 lbs	6-24	0.13	810 lbs	-805 lbs				
23-24	0.36	713 lbs	-504 lbs	6-22	0.24	-755 lbs	-755 lbs	25-26	0.01	97 lbs	-87 lbs				
24-26	0.42	242 lbs	-127 lbs	6-25	0.19	-202 lbs	-202 lbs	2-5	0.01	38 lbs	-38 lbs				
5-26	0.15	77 lbs	-28 lbs	2-25	0.19	-14 lbs	-14 lbs	27-28	0.00	37 lbs	0 lbs				
								7-9	0.32	-1127 lbs	-1127 lbs				
								10-11	0.17	1020 lbs	-606 lbs				
								12-13	0.12	909 lbs	-431 lbs				
								14-15	0.07	636 lbs	-245 lbs				

TRUSS RT18 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (34 - 27)	TL(V): 0 in.	L / 999	(7-12)	L / 240
BC :	0.51 (2 - 4)	LL(V): 0 in.	L / 999	(7-12)	L / 360
Web :	0.46 (4 - 32)	DL(V): 0 in.	L / 999	(7-12)	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: 0.01 in.		21	
		Web :			
		Snow/Wind 0 in.	L / 999	(7-12)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll	0 lbs	1770 lbs	0 lbs	0 lbs	0 lbs	0 lbs
10	Pin	270 lbs	830 lbs	0 lbs	-230 lbs	270 lbs	270 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-8-3	17-10-0

Material Design Pass

Point Loads

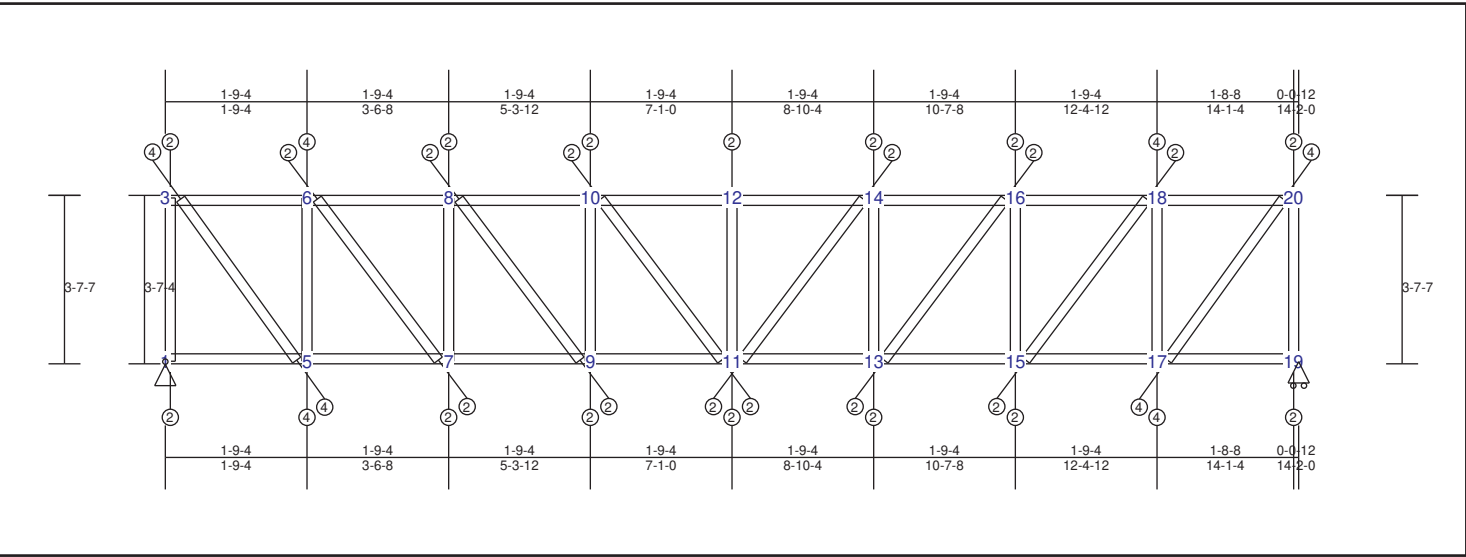
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB30-31	5-5-15	5-5-15	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB30-31	5-5-15	5-5-15	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB30-31	5-5-15	5-5-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB30-31	5-5-15	5-5-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB30-31	5-5-15	5-5-15	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-12	0.16	76 lbs	-27 lbs	2-4	0.51	-435 lbs	-435 lbs	1-7	0.01	36 lbs	-36 lbs	28-32	0.18	-438 lbs	-438 lbs
12-13	0.34	248 lbs	-134 lbs	1-11	0.18	-14 lbs	-14 lbs	11-12	0.01	94 lbs	-84 lbs	30-31	0.00	12 lbs	-3 lbs
13-15	0.31	491 lbs	-368 lbs	10-11	0.18	-247 lbs	-247 lbs	10-13	0.12	-709 lbs	-709 lbs	32-36	0.24	-956 lbs	-956 lbs
15-17	0.18	582 lbs	-406 lbs	10-14	0.24	-645 lbs	-645 lbs	14-15	0.07	-446 lbs	-446 lbs	37-38	0.00	-16 lbs	-16 lbs
17-19	0.14	582 lbs	-401 lbs	14-16	0.24	-755 lbs	-755 lbs	16-17	0.03	-147 lbs	-147 lbs	33-34	0.22	-951 lbs	-951 lbs
19-21	0.15	615 lbs	-300 lbs	16-18	0.15	-755 lbs	-755 lbs	18-19	0.01	83 lbs	-72 lbs	35-39	0.07	-425 lbs	-425 lbs
21-23	0.29	615 lbs	-300 lbs	18-20	0.23	-735 lbs	-735 lbs	20-21	0.04	-165 lbs	-165 lbs	10-12	0.04	-271 lbs	-271 lbs
8-23	0.31	578 lbs	-192 lbs	20-22	0.30	-655 lbs	-655 lbs	22-23	0.16	-594 lbs	-594 lbs	13-14	0.09	614 lbs	-558 lbs
8-26	0.43	398 lbs	-6 lbs	22-24	0.30	-542 lbs	-542 lbs	8-24	0.24	-719 lbs	-719 lbs	15-16	0.03	219 lbs	-197 lbs
26-34	0.48	320 lbs	0 lbs	24-25	0.37	-398 lbs	-398 lbs	25-26	0.03	289 lbs	0 lbs	17-18	0.01	-45 lbs	-45 lbs
27-34	0.51	438 lbs	0 lbs	25-35	0.13	-320 lbs	-320 lbs	3-39	0.15	-256 lbs	-256 lbs	19-20	0.05	-233 lbs	-233 lbs
27-28	0.27	435 lbs	0 lbs	3-35	0.15	-320 lbs	-320 lbs	2-39	0.00	0 lbs	0 lbs	20-23	0.11	429 lbs	-398 lbs
28-36	0.43	387 lbs	0 lbs	5-37	0.01	14 lbs	-5 lbs	2-33	0.37	-856 lbs	-856 lbs	8-22	0.20	621 lbs	-560 lbs
30-36	0.39	0 lbs	0 lbs	31-37	0.01	0 lbs	0 lbs	27-33	0.25	-856 lbs	-856 lbs	24-26	0.15	723 lbs	-430 lbs
9-30	0.34	0 lbs	0 lbs	6-31	0.01	0 lbs	0 lbs	5-38	0.06	5 lbs	-4 lbs	2-28	0.14	-573 lbs	-573 lbs
								4-38	0.00	0 lbs	0 lbs				
								4-32	0.46	-438 lbs	-438 lbs				

TRUSS RT19 (spacing 24 in)



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

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.55 (18 - 20)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.44 (15 - 17)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.68 (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.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4)Snow Criteria: None
- 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-220 lbs	730 lbs	0 lbs	-160 lbs	-220 lbs
19	HRoll		0 lbs	740 lbs	0 lbs	-180 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

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

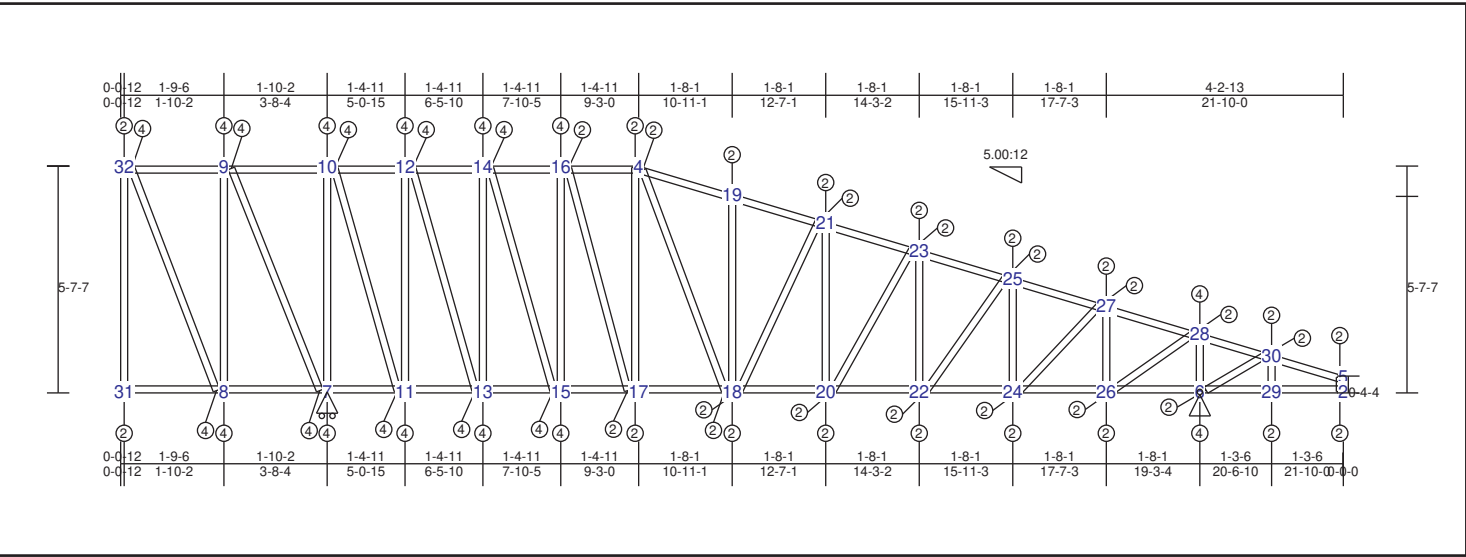
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-6 0.55 -319 lbs -319 lbs	1-5 0.44 319 lbs -303 lbs	1-3 0.68 -755 lbs -755 lbs
6-8 0.40 -555 lbs -555 lbs	5-7 0.44 555 lbs -487 lbs	5-6 0.17 -813 lbs -813 lbs
8-10 0.25 -694 lbs -694 lbs	7-9 0.25 694 lbs -593 lbs	7-8 0.10 -511 lbs -511 lbs
10-12 0.22 -741 lbs -741 lbs	9-11 0.16 741 lbs -624 lbs	9-10 0.06 -303 lbs -303 lbs
12-14 0.22 -741 lbs -741 lbs	11-13 0.16 741 lbs -624 lbs	11-12 0.04 -182 lbs -182 lbs
14-16 0.25 -694 lbs -694 lbs	13-15 0.25 694 lbs -580 lbs	13-14 0.06 -303 lbs -303 lbs
16-18 0.40 -555 lbs -555 lbs	15-17 0.44 555 lbs -461 lbs	15-16 0.10 -511 lbs -511 lbs
18-20 0.55 -318 lbs -318 lbs	17-19 0.44 318 lbs -263 lbs	17-18 0.17 -814 lbs -814 lbs
4-20 0.35 0 lbs 0 lbs	2-19 0.01 0 lbs 0 lbs	19-20 0.15 -761 lbs -761 lbs
		3-5 0.14 843 lbs -663 lbs
		6-7 0.11 603 lbs -489 lbs
		8-9 0.07 356 lbs -313 lbs
		10-11 0.03 -144 lbs -144 lbs
		11-14 0.02 119 lbs -113 lbs
		13-16 0.07 356 lbs -304 lbs
		15-18 0.11 603 lbs -504 lbs
		17-20 0.15 843 lbs -697 lbs

TRUSS RT20 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (10 - 12)	TL(V): 0 in.	L / 999	4	L / 240
BC : 0.64 (7 - 11)	LL(V): 0 in.	L / 999	4	L / 360
Web : 0.40 (9 - 7)	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: -0.02 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	Pin		-270 lbs	920 lbs	0 lbs	-240 lbs	-270 lbs
7	HRoll		0 lbs	2100 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-7-8	21-10-0

Material Design Pass

Point Loads

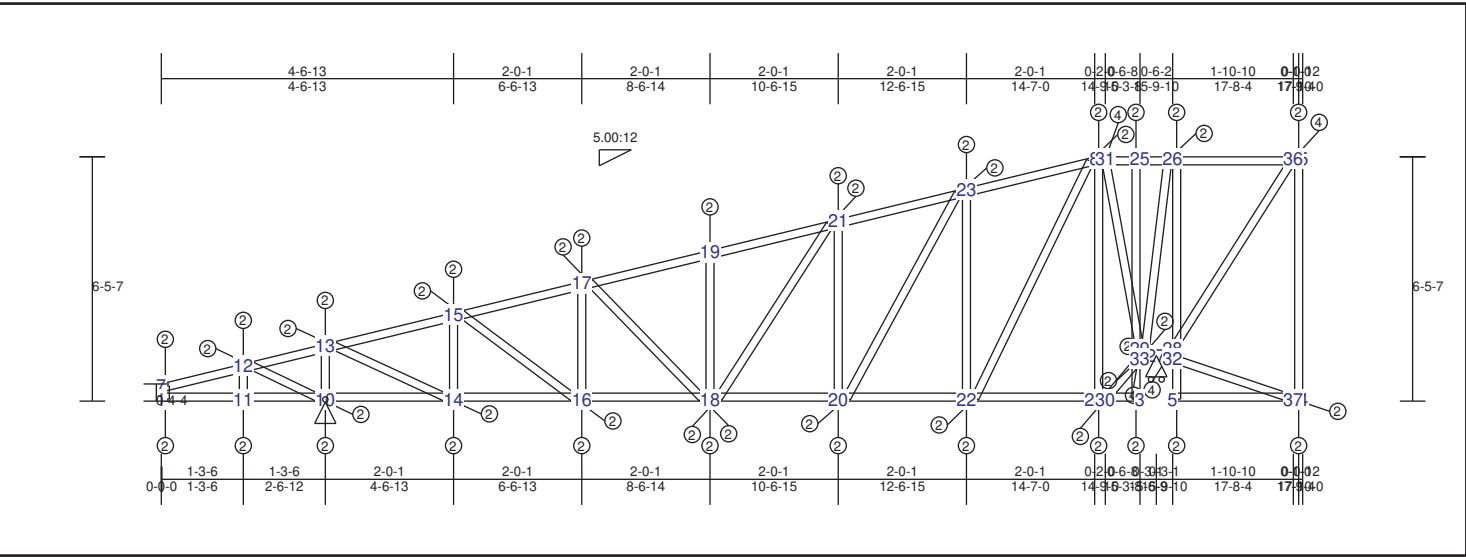
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB31-32	5-5-15	5-5-15	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB31-32	5-5-15	5-5-15	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB31-32	5-5-15	5-5-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB31-32	5-5-15	5-5-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB31-32	5-5-15	5-5-15	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
4-19	0.30	822 lbs	-354 lbs	1-31	0.02	0 lbs	0 lbs	8-9	0.10	986 lbs	0 lbs	12-13	0.19	1048 lbs	-550 lbs
19-21	0.19	822 lbs	-354 lbs	8-31	0.49	-259 lbs	-259 lbs	7-10	0.36	-1055 lbs	-1055 lbs	14-15	0.14	824 lbs	-413 lbs
21-23	0.18	797 lbs	-469 lbs	7-8	0.57	-559 lbs	-559 lbs	11-12	0.39	-1171 lbs	-1171 lbs	16-17	0.09	625 lbs	-269 lbs
23-25	0.17	795 lbs	-539 lbs	7-11	0.64	-559 lbs	-559 lbs	13-14	0.33	-968 lbs	-968 lbs	4-18	0.18	583 lbs	-507 lbs
25-27	0.23	786 lbs	-539 lbs	11-13	0.64	-511 lbs	-511 lbs	15-16	0.26	-786 lbs	-786 lbs	18-21	0.09	-356 lbs	-356 lbs
27-28	0.35	648 lbs	-475 lbs	13-15	0.47	-593 lbs	-593 lbs	4-17	0.20	-598 lbs	-598 lbs	20-23	0.04	-193 lbs	-193 lbs
28-30	0.39	246 lbs	-130 lbs	15-17	0.39	-644 lbs	-644 lbs	18-19	0.06	-209 lbs	-209 lbs	22-25	0.01	-38 lbs	-38 lbs
5-30	0.15	76 lbs	-27 lbs	17-18	0.30	-774 lbs	-774 lbs	20-21	0.04	235 lbs	-193 lbs	24-27	0.05	-293 lbs	-293 lbs
3-32	0.35	0 lbs	0 lbs	18-20	0.31	-873 lbs	-873 lbs	22-23	0.00	28 lbs	0 lbs	26-28	0.12	713 lbs	-703 lbs
9-32	0.52	259 lbs	0 lbs	20-22	0.21	-932 lbs	-932 lbs	24-25	0.03	210 lbs	-193 lbs	6-30	0.04	-265 lbs	-265 lbs
9-10	0.52	559 lbs	0 lbs	22-24	0.18	-932 lbs	-932 lbs	26-27	0.09	519 lbs	-519 lbs	8-32	0.35	-982 lbs	-982 lbs
10-12	0.54	559 lbs	0 lbs	24-26	0.28	-919 lbs	-919 lbs	6-28	0.13	-806 lbs	-806 lbs				
12-14	0.54	511 lbs	0 lbs	6-26	0.28	-756 lbs	-756 lbs	29-30	0.01	94 lbs	-85 lbs				
14-16	0.44	593 lbs	-31 lbs	6-29	0.18	-254 lbs	-254 lbs	2-5	0.01	37 lbs	-37 lbs				
4-16	0.36	644 lbs	-130 lbs	2-29	0.18	-14 lbs	-14 lbs	31-32	0.00	40 lbs	0 lbs				
								7-9	0.40	-1099 lbs	-1099 lbs				
								10-11	0.22	1015 lbs	-641 lbs				

TRUSS RT21 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (31 - 25)	TL(V): 0 in.	L / 999	8	L / 240
BC : 0.66 (2 - 4)	LL(V): 0 in.	L / 999	8	L / 360
Web : 0.44 (4 - 28)	DL(V): 0 in.	L / 999	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: -0.02 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	8	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll	0 lbs	1770 lbs	0 lbs	0 lbs	0 lbs	0 lbs
10	Pin	310 lbs	830 lbs	0 lbs	-210 lbs	310 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-6-2	17-10-0

Material Design Pass

Point Loads

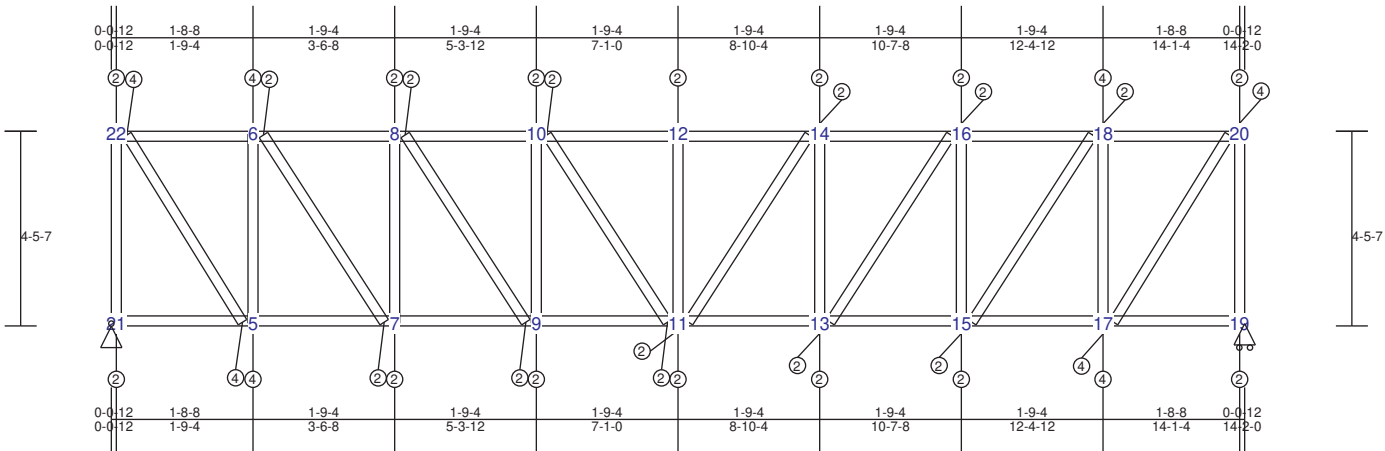
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB34-35	6-3-15	6-3-15	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB34-35	6-3-15	6-3-15	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB34-35	6-3-15	6-3-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB34-35	6-3-15	6-3-15	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB34-35	6-3-15	6-3-15	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-31	0.63	231 lbs	0 lbs	2-4	0.66	-349 lbs	-349 lbs	1-7	0.01	-37 lbs	-37 lbs	34-35	0.00	13 lbs	0 lbs
25-31	0.67	351 lbs	0 lbs	1-11	0.18	-14 lbs	-14 lbs	11-12	0.01	96 lbs	-86 lbs	28-36	0.28	-926 lbs	-926 lbs
25-26	0.25	349 lbs	0 lbs	10-11	0.18	-321 lbs	-321 lbs	10-13	0.12	-712 lbs	-712 lbs	32-37	0.00	-18 lbs	-18 lbs
26-36	0.43	322 lbs	0 lbs	10-14	0.21	-727 lbs	-727 lbs	14-15	0.07	-389 lbs	-389 lbs	29-31	0.30	-1173 lbs	-1173 lbs
35-36	0.39	0 lbs	0 lbs	14-16	0.21	-787 lbs	-787 lbs	16-17	0.01	-53 lbs	-53 lbs	30-33	0.08	-500 lbs	-500 lbs
9-35	0.34	0 lbs	0 lbs	16-18	0.22	-787 lbs	-787 lbs	18-19	0.05	-211 lbs	-211 lbs	10-12	0.04	-263 lbs	-263 lbs
7-12	0.15	76 lbs	-28 lbs	18-20	0.27	-713 lbs	-713 lbs	20-21	0.14	-526 lbs	-526 lbs	13-14	0.09	611 lbs	-518 lbs
12-13	0.35	245 lbs	-133 lbs	20-22	0.37	-583 lbs	-583 lbs	22-23	0.24	-724 lbs	-724 lbs	15-16	0.02	134 lbs	-97 lbs
13-15	0.31	486 lbs	-396 lbs	22-24	0.37	-419 lbs	-419 lbs	8-24	0.04	387 lbs	0 lbs	17-18	0.03	149 lbs	-142 lbs
15-17	0.22	525 lbs	-426 lbs	24-30	0.27	-231 lbs	-231 lbs	3-33	0.20	-363 lbs	-363 lbs	18-21	0.10	387 lbs	-370 lbs
17-19	0.18	585 lbs	-372 lbs	3-30	0.29	-231 lbs	-231 lbs	2-33	0.00	0 lbs	0 lbs	20-23	0.20	571 lbs	-544 lbs
19-21	0.28	585 lbs	-356 lbs	5-37	0.01	15 lbs	-2 lbs	2-29	0.42	-1078 lbs	-1078 lbs	8-22	0.32	761 lbs	-690 lbs
21-23	0.37	526 lbs	-215 lbs	34-37	0.01	0 lbs	0 lbs	25-29	0.31	-1078 lbs	-1078 lbs	2-26	0.12	-387 lbs	-387 lbs
8-23	0.38	508 lbs	-45 lbs	6-34	0.01	0 lbs	0 lbs	5-32	0.06	5 lbs	-5 lbs				
								4-32	0.00	0 lbs	0 lbs				
								4-28	0.44	-521 lbs	-521 lbs				
								26-28	0.15	-521 lbs	-521 lbs				

TRUSS RT22 (spacing 24 in)



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

Max CSI Summary	Deflection	L / (Loc)	Max. Allowed
TC : 0.55 (18 - 20)	TL(V): 0 in.	L / 999 (3-22)	L / 240
BC : 0.44 (15 - 17)	LL(V): 0 in.	L / 999 (3-22)	L / 360
Web : 0.20 (17 - 18)	DL(V): 0 in.	L / 999 (3-22)	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.	3	
	Web :		
	Snow/Wind 0 in.	L / 999 (3-22)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table				Max Horizontal			
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
19	HRoll	0 lbs	740 lbs	0 lbs	0 lbs	-170 lbs	0 lbs
21	Pin	0 lbs	740 lbs	0 lbs	0 lbs	-170 lbs	0 lbs

Materials				Material Exceptions			
Type	Material	Bracing	Section	Material	Bracing	Section	Material
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions	
Max Height	Max Width
4'-5-7	14'-2-0

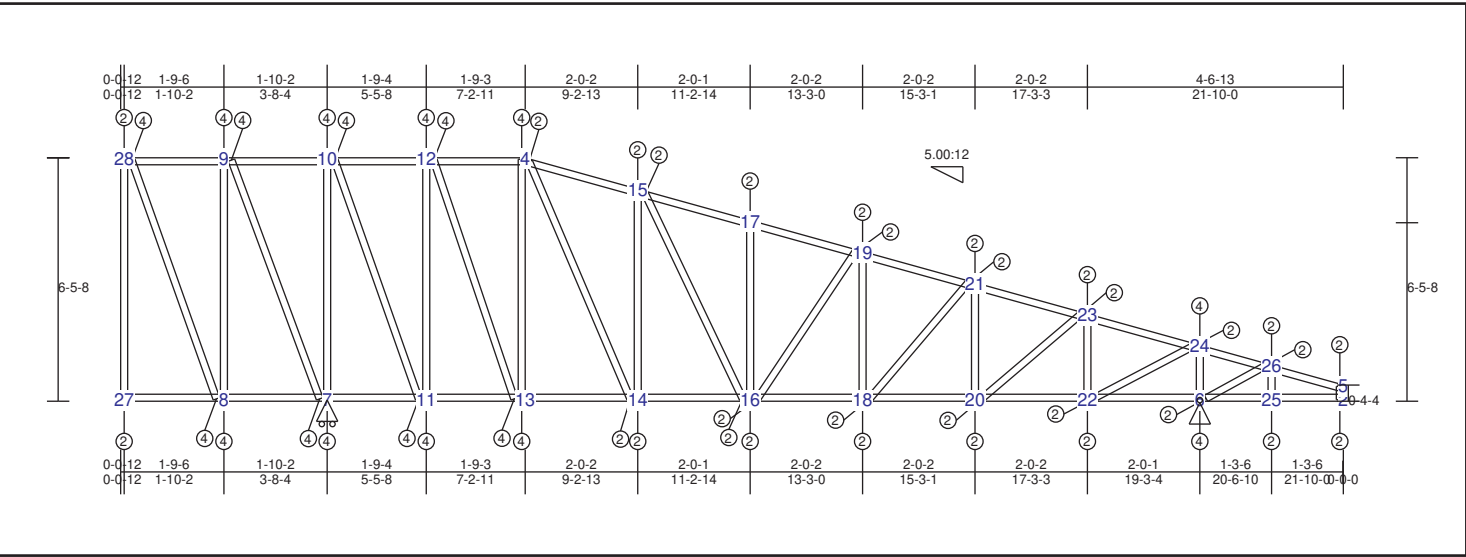
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-22	0.35	0 lbs	0 lbs	1-21	0.01	0 lbs	0 lbs	5-6	0.20	-813 lbs	-813 lbs
6-22	0.55	-257 lbs	-257 lbs	5-21	0.44	257 lbs	-208 lbs	7-8	0.12	-512 lbs	-512 lbs
6-8	0.39	-448 lbs	-448 lbs	5-7	0.44	448 lbs	-362 lbs	9-10	0.07	-303 lbs	-303 lbs
8-10	0.25	-561 lbs	-561 lbs	7-9	0.25	561 lbs	-453 lbs	11-12	0.04	-182 lbs	-182 lbs
10-12	0.20	-598 lbs	-598 lbs	9-11	0.16	598 lbs	-483 lbs	13-14	0.07	-303 lbs	-303 lbs
12-14	0.20	-598 lbs	-598 lbs	11-13	0.16	598 lbs	-483 lbs	15-16	0.12	-512 lbs	-512 lbs
14-16	0.25	-561 lbs	-561 lbs	13-15	0.25	561 lbs	-453 lbs	17-18	0.20	-813 lbs	-813 lbs
16-18	0.39	-448 lbs	-448 lbs	15-17	0.44	448 lbs	-362 lbs	21-22	0.18	-761 lbs	-761 lbs
18-20	0.55	-257 lbs	-257 lbs	17-19	0.44	257 lbs	-207 lbs	19-20	0.18	-761 lbs	-761 lbs
4-20	0.35	0 lbs	0 lbs	2-19	0.01	0 lbs	0 lbs	6-7	0.12	587 lbs	-474 lbs
								8-9	0.07	346 lbs	-280 lbs
								10-11	0.02	115 lbs	-93 lbs
								11-14	0.02	115 lbs	-93 lbs
								13-16	0.07	346 lbs	-280 lbs
								15-18	0.12	587 lbs	-474 lbs
								5-22	0.17	821 lbs	-663 lbs
								17-20	0.17	821 lbs	-663 lbs

TRUSS RT23 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (9 - 10)	TL(V): 0 in.	L / 999	(3-28)	L / 240
BC : 0.63 (7 - 11)	LL(V): 0 in.	L / 999	(3-28)	L / 360
Web : 0.50 (9 - 7)	DL(V): 0 in.	L / 999	(3-28)	L / 0
	Cant / OH TL: 0 in.	2L / 999	(3-28)	2L / 360
	Cant / OH LL: 0 in.	2L / 999	(3-28)	2L / 360
	Horiz TL: -0.01 in.		17	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-28)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	Pin		-310 lbs	920 lbs	0 lbs	-220 lbs	-310 lbs
7	HRoll		0 lbs	2100 lbs	0 lbs	0 lbs	0 lbs

Materials						
Type	Material	Bracing	Section	Material	Bracing	
Top Chd	350S150-43(50)	Sheathing				
Bot Chd	350S150-43(50)	Sheathing				
Web	350S150-43(50)	Unbraced				

Truss Dimensions	
Max Height	Max Width
6'-5-9	21'-10-0

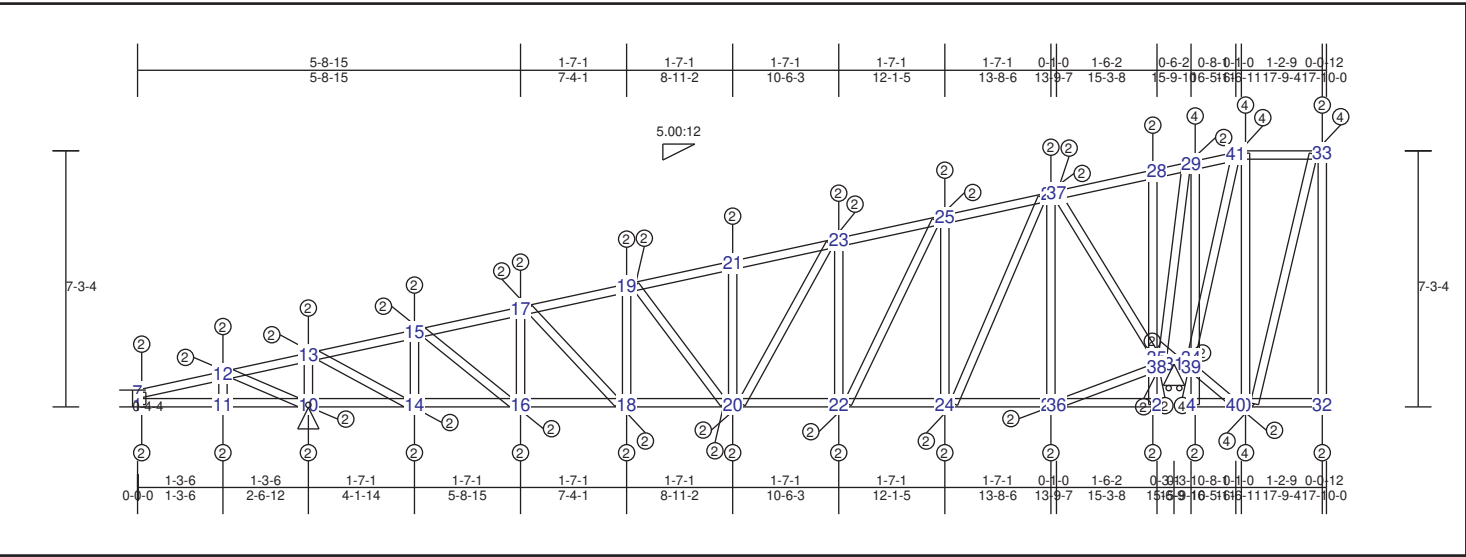
Material Design Pass

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB27-28	6-4-0	6-4-0	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB27-28	6-4-0	6-4-0	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB27-28	6-4-0	6-4-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB27-28	6-4-0	6-4-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB27-28	6-4-0	6-4-0	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

Table Columns: Member Id, CSI, Max Axial Force, Max Comp. Force											
Top Chord				Bot Chord				Web			
3-28	0.35	0 lbs	0 lbs	1-27	0.02	0 lbs	0 lbs	8-9	0.10	994 lbs	0 lbs
9-28	0.53	224 lbs	0 lbs	8-27	0.49	-224 lbs	-224 lbs	7-10	0.47	-1078 lbs	-1078 lbs
9-10	0.54	486 lbs	0 lbs	7-8	0.54	-486 lbs	-486 lbs	11-12	0.48	-1106 lbs	-1106 lbs
10-12	0.54	486 lbs	0 lbs	7-11	0.63	-486 lbs	-486 lbs	4-13	0.36	-817 lbs	-817 lbs
4-12	0.54	502 lbs	-4 lbs	11-13	0.63	-502 lbs	-502 lbs	14-15	0.24	-717 lbs	-717 lbs
4-15	0.37	727 lbs	-225 lbs	13-14	0.38	-684 lbs	-684 lbs	16-17	0.05	-198 lbs	-198 lbs
15-17	0.37	787 lbs	-376 lbs	14-16	0.38	-832 lbs	-832 lbs	18-19	0.02	131 lbs	-103 lbs
17-19	0.22	787 lbs	-387 lbs	16-18	0.28	-943 lbs	-943 lbs	20-21	0.02	131 lbs	-122 lbs
19-21	0.20	770 lbs	-529 lbs	18-20	0.20	-983 lbs	-983 lbs	22-23	0.08	-449 lbs	-449 lbs
21-23	0.24	770 lbs	-557 lbs	20-22	0.25	-983 lbs	-983 lbs	6-24	0.13	-810 lbs	-810 lbs
23-24	0.35	668 lbs	-510 lbs	6-22	0.25	-863 lbs	-863 lbs	25-26	0.01	97 lbs	-87 lbs
24-26	0.41	242 lbs	-128 lbs	6-25	0.19	-329 lbs	-329 lbs	2-5	0.01	38 lbs	-38 lbs
5-26	0.15	76 lbs	-28 lbs	2-25	0.19	-14 lbs	-14 lbs	27-28	0.00	39 lbs	0 lbs
								7-9	0.50	-1094 lbs	-1094 lbs
								10-11	0.30	1005 lbs	-660 lbs
								12-13	0.23	911 lbs	-510 lbs
								4-14	0.31	741 lbs	-667 lbs

TRUSS RT24 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (29 - 41)	TL(V): 0 in.	L / 999 (7-12)	L / 240
BC : 0.54 (30 - 32)	LL(V): 0 in.	L / 999 (7-12)	L / 360
Web : 0.56 (30 - 33)	DL(V): 0 in.	L / 999 (7-12)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: -0.03 in.	6	
	Web :		
	Snow/Wind 0 in.	L / 999 (7-12)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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	HRoll		0 lbs	1780 lbs	0 lbs	0 lbs	0 lbs
10	Pin		350 lbs	830 lbs	0 lbs	-190 lbs	350 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-3-12	17-10-0

Material Design Pass

Point Loads

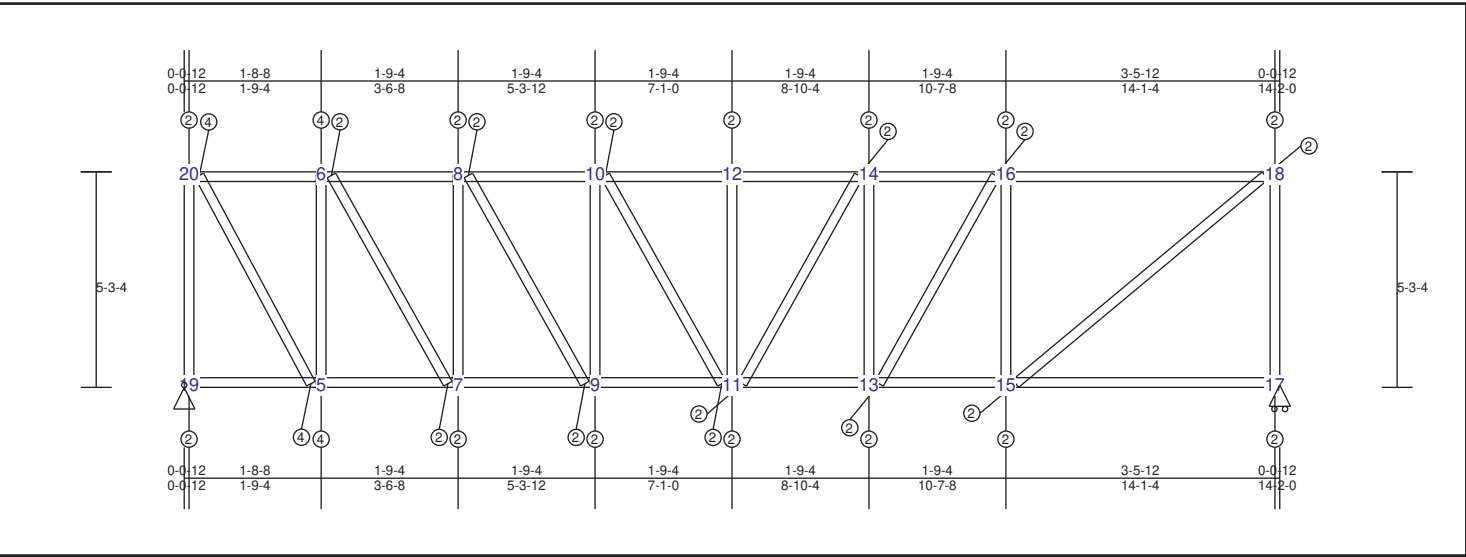
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB32-33	7-1-12	7-1-12	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB32-33	7-1-12	7-1-12	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB32-33	7-1-12	7-1-12	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB32-33	7-1-12	7-1-12	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB32-33	7-1-12	7-1-12	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-12	0.16	76 lbs	-27 lbs	1-11	0.18	-14 lbs	-14 lbs	1-7	0.01	-36 lbs	-36 lbs	29-34	0.33	853 lbs	-575 lbs
12-13	0.34	249 lbs	-137 lbs	10-11	0.18	-381 lbs	-381 lbs	11-12	0.01	93 lbs	-83 lbs	8-30	0.11	1135 lbs	0 lbs
13-15	0.31	402 lbs	-362 lbs	10-14	0.25	-718 lbs	-718 lbs	10-13	0.12	-710 lbs	-710 lbs	32-33	0.03	74 lbs	0 lbs
15-17	0.19	475 lbs	-406 lbs	14-16	0.25	-807 lbs	-807 lbs	14-15	0.08	-464 lbs	-464 lbs	34-41	0.46	-1437 lbs	-1437 lbs
17-19	0.14	475 lbs	-406 lbs	16-18	0.16	-807 lbs	-807 lbs	16-17	0.03	-167 lbs	-167 lbs	39-40	0.03	-202 lbs	-202 lbs
19-21	0.14	504 lbs	-323 lbs	18-20	0.24	-782 lbs	-782 lbs	18-19	0.02	-87 lbs	-87 lbs	36-38	0.06	-382 lbs	-382 lbs
21-23	0.25	504 lbs	-323 lbs	20-22	0.26	-701 lbs	-701 lbs	20-21	0.04	-166 lbs	-166 lbs	35-37	0.19	-700 lbs	-700 lbs
23-25	0.30	456 lbs	-213 lbs	22-24	0.36	-592 lbs	-592 lbs	22-23	0.14	-524 lbs	-524 lbs	10-12	0.04	-272 lbs	-272 lbs
25-27	0.36	387 lbs	-81 lbs	24-26	0.36	-461 lbs	-461 lbs	24-25	0.22	-688 lbs	-688 lbs	13-14	0.08	617 lbs	-486 lbs
27-37	0.40	387 lbs	0 lbs	26-36	0.11	-322 lbs	-322 lbs	26-27	0.02	246 lbs	-7 lbs	15-16	0.03	242 lbs	-166 lbs
28-37	0.29	398 lbs	0 lbs	2-36	0.12	-322 lbs	-322 lbs	2-38	0.22	-210 lbs	-210 lbs	17-18	0.01	59 lbs	-48 lbs
28-29	0.35	398 lbs	0 lbs	4-40	0.12	-123 lbs	-123 lbs	3-38	0.00	0 lbs	0 lbs	19-20	0.04	221 lbs	-204 lbs
29-41	0.60	413 lbs	-287 lbs	30-40	0.16	-123 lbs	-123 lbs	3-35	0.29	-672 lbs	-672 lbs	20-23	0.11	398 lbs	-397 lbs
8-41	0.55	-287 lbs	-287 lbs	30-32	0.54	-123 lbs	-123 lbs	28-35	0.27	-672 lbs	-672 lbs	22-25	0.18	558 lbs	-540 lbs
8-33	0.52	123 lbs	0 lbs	6-32	0.04	0 lbs	0 lbs	4-39	0.09	-198 lbs	-198 lbs	24-27	0.25	682 lbs	-638 lbs
9-33	0.36	0 lbs	0 lbs	3-5	0.51	-338 lbs	-338 lbs	5-39	0.00	0 lbs	0 lbs	3-29	0.27	-772 lbs	-772 lbs
								5-34	0.54	-575 lbs	-575 lbs	30-33	0.56	-1010 lbs	-1010 lbs

TRUSS RT25 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (16 - 18)	TL(V): 0.08 in.	L / 999 (16-18)	L / 240
BC : 0.44 (19 - 5)	LL(V): 0.05 in.	L / 999 (16-18)	L / 360
Web : 0.25 (5 - 6)	DL(V): 0.03 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 in.	3	
	Web :		
	Snow/Wind -0.03 in.	L / 999 (16-18)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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	
17	HRoll		0 lbs	740 lbs	0 lbs	-170 lbs	0 lbs	
19	Pin		0 lbs	740 lbs	0 lbs	-170 lbs	0 lbs	
Materials					Material Exceptions			
Type	Material	Bracing			Section	Material	Bracing	
Top Chd	350S150-43(50)	Sheathing						
Bot Chd	350S150-43(50)	Sheathing						
Web	350S150-43(50)	Unbraced						

Truss Dimensions
Max Height 5'-3-4
Max Width 14'-2-0

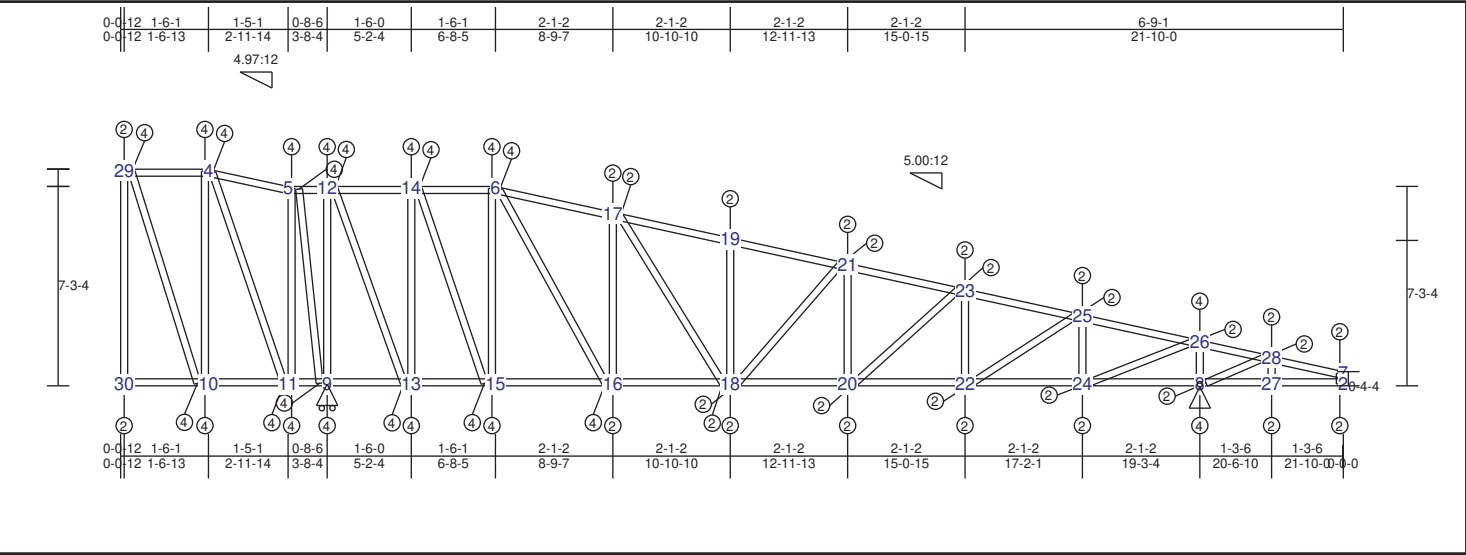
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-20	0.35	0 lbs	0 lbs	1-19	0.01	0 lbs	0 lbs	5-6	0.25	-812 lbs	-812 lbs
6-20	0.55	-216 lbs	-216 lbs	5-19	0.44	216 lbs	-174 lbs	7-8	0.15	-513 lbs	-513 lbs
6-8	0.39	-377 lbs	-377 lbs	5-7	0.44	377 lbs	-304 lbs	9-10	0.09	-298 lbs	-298 lbs
8-10	0.25	-471 lbs	-471 lbs	7-9	0.25	471 lbs	-381 lbs	11-12	0.06	-200 lbs	-200 lbs
10-12	0.19	-503 lbs	-503 lbs	9-11	0.15	503 lbs	-406 lbs	13-14	0.07	-221 lbs	-221 lbs
12-14	0.18	-503 lbs	-503 lbs	11-13	0.10	503 lbs	-406 lbs	15-16	0.20	-665 lbs	-665 lbs
14-16	0.55	-471 lbs	-471 lbs	13-15	0.38	471 lbs	-380 lbs	17-18	0.22	-739 lbs	-739 lbs
16-18	0.65	-388 lbs	-388 lbs	15-17	0.38	388 lbs	-313 lbs	19-20	0.23	-761 lbs	-761 lbs
4-18	0.34	0 lbs	0 lbs	2-17	0.00	0 lbs	0 lbs	6-7	0.15	577 lbs	-466 lbs
								8-9	0.09	341 lbs	-275 lbs
								10-11	0.03	113 lbs	-91 lbs
								11-14	0.03	115 lbs	-93 lbs
								13-16	0.08	297 lbs	-240 lbs
								15-18	0.24	736 lbs	-594 lbs
								5-20	0.21	809 lbs	-653 lbs

TRUSS RT26 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (5 - 12)	TL(V): 0 in.	L / 999	4	L / 240
BC : 0.77 (10 - 11)	LL(V): 0 in.	L / 999	4	L / 360
Web : 0.75 (4 - 11)	DL(V): 0 in.	L / 999	6	L / 0
	Cant / OH TL: 0 in.	2L / 999	4	2L / 360
	Cant / OH LL: 0 in.	2L / 999	4	2L / 360
	Horiz TL: -0.02 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	4	L / 360

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
8	Pin		-350 lbs	920 lbs	0 lbs	-200 lbs	-350 lbs
9	HRoll		0 lbs	2110 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
7'-3'-5"	21'-10'-0"

Material Design Pass

Point Loads

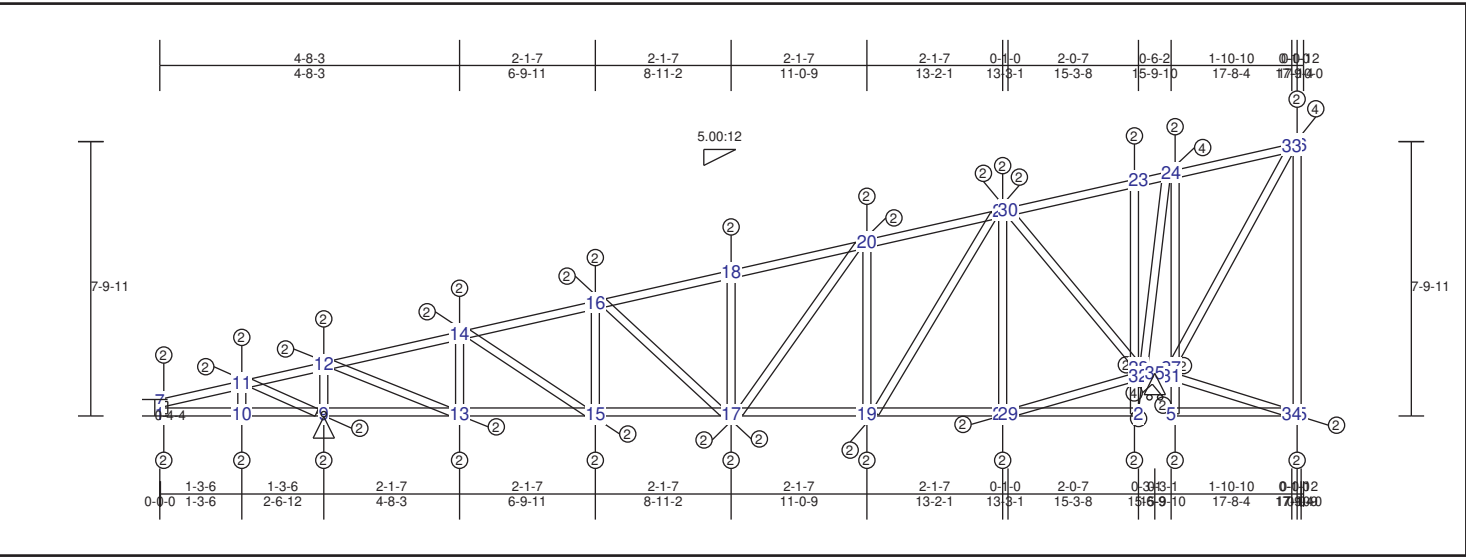
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB29-30	7-1-12	7-1-12	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB29-30	7-1-12	7-1-12	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB29-30	7-1-12	7-1-12	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB29-30	7-1-12	7-1-12	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB29-30	7-1-12	7-1-12	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
6-17	0.39	648 lbs	-184 lbs	1-30	0.02	0 lbs	0 lbs	4-10	0.11	1065 lbs	0 lbs	14-15	0.29	1011 lbs	-599 lbs
17-19	0.41	721 lbs	-350 lbs	10-30	0.50	-154 lbs	-154 lbs	5-11	0.12	1196 lbs	0 lbs	6-16	0.35	784 lbs	-715 lbs
19-21	0.23	721 lbs	-364 lbs	10-11	0.77	-391 lbs	-391 lbs	9-12	0.44	-937 lbs	-937 lbs	17-18	0.20	573 lbs	-530 lbs
21-23	0.20	722 lbs	-522 lbs	9-11	0.76	-450 lbs	-450 lbs	13-14	0.52	-1115 lbs	-1115 lbs	18-21	0.08	-335 lbs	-335 lbs
23-25	0.25	722 lbs	-560 lbs	9-13	0.76	-450 lbs	-450 lbs	6-15	0.42	-895 lbs	-895 lbs	20-23	0.03	-125 lbs	-125 lbs
25-26	0.36	640 lbs	-517 lbs	13-15	0.65	-464 lbs	-464 lbs	16-17	0.27	-756 lbs	-756 lbs	22-25	0.03	174 lbs	-154 lbs
26-28	0.40	241 lbs	-128 lbs	15-16	0.40	-661 lbs	-661 lbs	18-19	0.06	-207 lbs	-207 lbs	24-26	0.11	713 lbs	-647 lbs
7-28	0.15	77 lbs	-28 lbs	16-18	0.40	-824 lbs	-824 lbs	20-21	0.03	153 lbs	-135 lbs	8-28	0.04	-254 lbs	-254 lbs
3-29	0.35	0 lbs	0 lbs	18-20	0.30	-952 lbs	-952 lbs	22-23	0.02	-103 lbs	-103 lbs	10-29	0.53	-957 lbs	-957 lbs
4-29	0.51	154 lbs	0 lbs	20-22	0.21	-1012 lbs	-1012 lbs	24-25	0.07	-433 lbs	-433 lbs				
4-5	0.58	477 lbs	-250 lbs	22-24	0.25	-1012 lbs	-1012 lbs	8-26	0.13	-811 lbs	-811 lbs				
5-12	0.66	450 lbs	0 lbs	8-24	0.25	-915 lbs	-915 lbs	27-28	0.01	97 lbs	-88 lbs				
12-14	0.62	450 lbs	0 lbs	8-27	0.19	-397 lbs	-397 lbs	2-7	0.01	-38 lbs	-38 lbs				
6-14	0.53	414 lbs	0 lbs	2-27	0.19	-14 lbs	-14 lbs	29-30	0.00	40 lbs	0 lbs				
								4-11	0.75	-1350 lbs	-1350 lbs				
								5-9	0.50	-1074 lbs	-1074 lbs				
								12-13	0.37	891 lbs	-780 lbs				

TRUSS RT27 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (24 - 33)	TL(V): 0 in.	L / 999	(7-11)	L / 240
BC : 0.49 (3 - 4)	LL(V): 0 in.	L / 999	(7-11)	L / 360
Web : 0.43 (4 - 27)	DL(V): 0 in.	L / 999	(7-11)	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.		8	
	Web :			
	Snow/Wind 0 in.	L / 999	(7-11)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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	HRoll	0 lbs	1930 lbs	0 lbs	0 lbs	0 lbs	0 lbs
9	Pin	330 lbs	670 lbs	0 lbs	-190 lbs	330 lbs	330 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	550S150-54(50)	Sheathing			
Bot Chd	550S150-54(50)	Sheathing			
Web	550S150-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-10-4	17-10-9

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB25-26	7-7-13	7-7-13	Concentrated	Dead	Down	Global	368 lbs	368 lbs	0 in.
WB25-26	7-7-13	7-7-13	Concentrated	Live	Down	Global	554 lbs	554 lbs	0 in.
WB25-26	7-7-13	7-7-13	Concentrated	Wind	Down	Global	711 lbs	711 lbs	0 in.
WB25-26	7-7-13	7-7-13	Concentrated	Wind	Down	Global	711 lbs	711 lbs	0 in.
WB25-26	7-7-13	7-7-13	Concentrated	Wind	Down	Global	200 lbs	200 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-11	0.11	68 lbs	-25 lbs	1-10	0.13	-12 lbs	-12 lbs	1-7	0.00	33 lbs	-33 lbs	24-27	0.15	766 lbs	-501 lbs
11-12	0.23	217 lbs	-117 lbs	9-10	0.13	-380 lbs	-380 lbs	10-11	0.01	86 lbs	-78 lbs	25-26	0.00	16 lbs	0 lbs
12-14	0.20	420 lbs	-276 lbs	9-13	0.13	-736 lbs	-736 lbs	9-12	0.07	-562 lbs	-562 lbs	31-34	0.03	-20 lbs	-20 lbs
14-16	0.15	439 lbs	-286 lbs	13-15	0.13	-771 lbs	-771 lbs	13-14	0.03	-283 lbs	-283 lbs	27-33	0.43	-1321 lbs	-1321 lbs
16-18	0.12	488 lbs	-217 lbs	15-17	0.15	-771 lbs	-771 lbs	15-16	0.00	35 lbs	0 lbs	9-11	0.03	-235 lbs	-235 lbs
18-20	0.23	488 lbs	-192 lbs	17-19	0.25	-690 lbs	-690 lbs	17-18	0.03	-188 lbs	-188 lbs	12-13	0.05	471 lbs	-443 lbs
20-22	0.23	428 lbs	-53 lbs	19-21	0.25	-560 lbs	-560 lbs	19-20	0.11	-553 lbs	-553 lbs	14-15	0.01	-59 lbs	-59 lbs
22-30	0.30	496 lbs	0 lbs	21-29	0.10	-402 lbs	-402 lbs	21-22	0.01	229 lbs	0 lbs	16-17	0.03	-177 lbs	-177 lbs
23-30	0.20	510 lbs	0 lbs	2-29	0.09	-402 lbs	-402 lbs	28-30	0.13	-637 lbs	-637 lbs	17-20	0.08	402 lbs	-364 lbs
23-24	0.33	510 lbs	0 lbs	3-4	0.49	-434 lbs	-434 lbs	29-32	0.05	-451 lbs	-451 lbs	19-22	0.15	559 lbs	-512 lbs
24-33	0.41	466 lbs	-367 lbs	5-34	0.01	16 lbs	0 lbs	2-32	0.16	-204 lbs	-204 lbs	3-24	0.24	-916 lbs	-916 lbs
26-33	0.37	-367 lbs	-367 lbs	25-34	0.01	0 lbs	0 lbs	3-32	0.00	0 lbs	0 lbs				
8-26	0.00	-3 lbs	-3 lbs	6-25	0.01	0 lbs	0 lbs	3-28	0.25	-583 lbs	-583 lbs				
								23-28	0.18	-583 lbs	-583 lbs				
								5-31	0.06	-9 lbs	-9 lbs				
								4-31	0.00	0 lbs	0 lbs				
								4-27	0.43	-501 lbs	-501 lbs				

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC : 0.71 (19 - 5)	TL(V) : 0.06 in.	L / 999	(7-23)	L / 240
BC : 0.82 (7 - 23)	LL(V) : 0.04 in.	L / 999	(7-23)	L / 360
Web : 0.69 (5 - 23)	DL(V) : 0.03 in.	L / 999	(7-23)	L / 0
	Cant / OH TL : 0 in.	2L / 33	(24-6)	2L / 360
	Cant / OH LL : 0 in.	2L / 33	(24-6)	2L / 360
	Horiz TL : 0.01 in.		6	
Web :				
	Snow/Wind 0.01 in.	L / 999	(7-23)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
21	Pin		10 lbs	1130 lbs	0 lbs	0 lbs	10 lbs
23	HRoll		0 lbs	2570 lbs	0 lbs	0 lbs	0 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	550S150-54(50)	Sheathing			
Bot Chd	550S150-54(50)	Sheathing			
Web	550S150-54(50)	Unbraced			

Max Height	Max Width
7-1-4	14-2-0

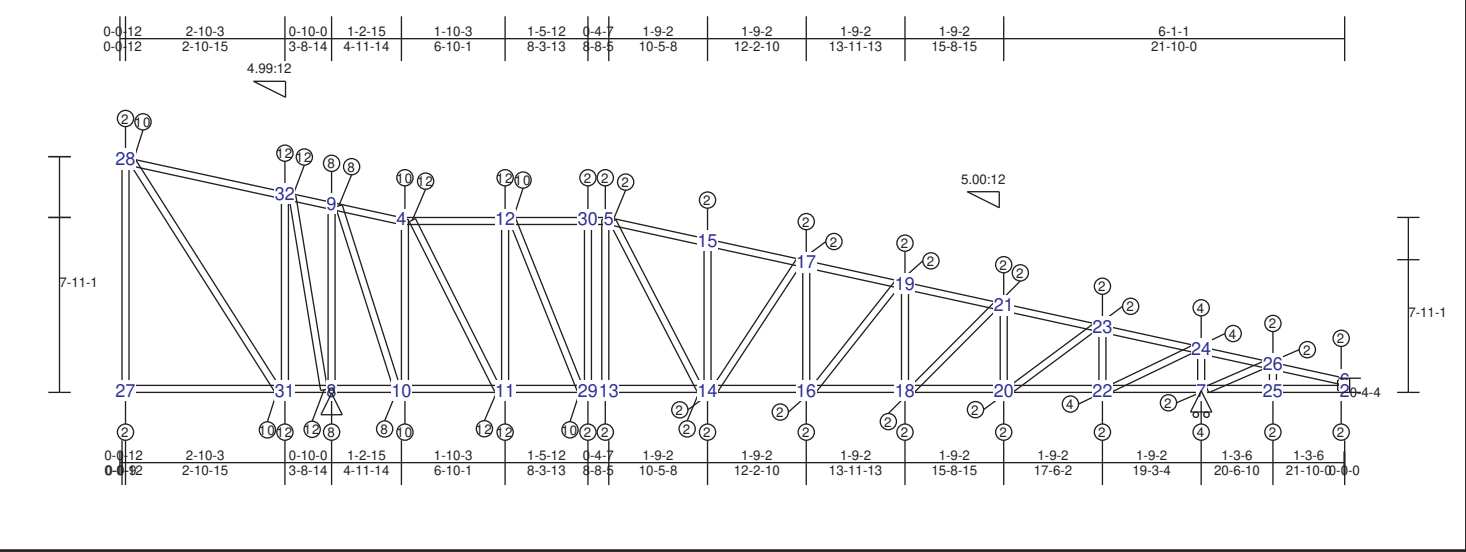
Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB7-19	0-0-0	0-0-0	Concentrated	Dead	Down	Global	962 lbs	962 lbs	0 in.
WB7-19	0-0-0	0-0-0	Concentrated	Live	Down	Global	1444 lbs	1444 lbs	0 in.
WB7-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	1877 lbs	1877 lbs	0 in.
WB7-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	1877 lbs	1877 lbs	0 in.
WB7-19	0-0-0	0-0-0	Concentrated	Wind	Down	Global	529 lbs	529 lbs	0 in.

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

Top Chord				Bot Chord				Web			
4-10	0.67	-357 lbs	-357 lbs	1-21	0.04	-10 lbs	0 lbs	21-22	0.44	-1229 lbs	-1229 lbs
10-12	0.47	-562 lbs	-562 lbs	8-21	0.55	97 lbs	-19 lbs	4-8	0.57	-1496 lbs	-1496 lbs
12-14	0.36	-730 lbs	-730 lbs	8-9	0.67	357 lbs	-27 lbs	9-10	0.47	-1222 lbs	-1222 lbs
14-16	0.31	-856 lbs	-856 lbs	9-11	0.50	562 lbs	-27 lbs	11-12	0.36	-941 lbs	-941 lbs
16-18	0.33	-946 lbs	-946 lbs	11-13	0.39	730 lbs	0 lbs	13-14	0.30	-790 lbs	-790 lbs
18-19	0.33	-982 lbs	-982 lbs	13-15	0.33	856 lbs	0 lbs	15-16	0.06	-167 lbs	-167 lbs
5-19	0.71	-982 lbs	-982 lbs	15-17	0.33	946 lbs	0 lbs	17-18	0.05	779 lbs	0 lbs
5-24	0.62	-1166 lbs	-1166 lbs	7-17	0.71	982 lbs	0 lbs	7-19	0.08	747 lbs	-197 lbs
6-24	0.28	316 lbs	0 lbs	7-23	0.82	982 lbs	0 lbs	23-24	0.05	783 lbs	0 lbs
3-22	0.44	-465 lbs	-465 lbs	2-23	0.73	0 lbs	0 lbs	8-22	0.09	1463 lbs	-140 lbs
4-22	0.69	-465 lbs	-465 lbs					4-9	0.08	1308 lbs	-40 lbs
								10-11	0.06	988 lbs	0 lbs
								12-13	0.05	812 lbs	0 lbs
								14-15	0.04	607 lbs	0 lbs
								15-18	0.25	-624 lbs	-624 lbs
								17-19	0.27	-678 lbs	-678 lbs
								5-7	0.18	2936 lbs	0 lbs
								5-23	0.69	-3615 lbs	-3615 lbs

TRUSS RT29 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (4 - 12)	TL(V): 0.06 in.	L / 999	(27-31)	L / 240
BC : 0.86 (31 - 8)	LL(V): 0.03 in.	L / 999	(27-31)	L / 360
Web : 0.93 (28 - 31)	DL(V): 0.02 in.	L / 999	(27-31)	L / 0
	Cant / OH TL: 0.03 in.	2L / 999	(27-31)	2L / 360
	Cant / OH LL: 0.03 in.	2L / 999	(27-31)	2L / 360
	Horiz TL: -0.08 in.		3	
	Web :			
	Snow/Wind -0.03 in.	L / 999	(28-32)	L / 360
	Cant (Snow/Wind) -0.03 in.	L / 999	(28-32)	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
7	HRoll		0 lbs	1200 lbs	0 lbs	0 lbs	0 lbs
8	Pin		-340 lbs	6660 lbs	0 lbs	0 lbs	-340 lbs

Materials

Type	Material	Bracing
Top Chd	550S150-54(50)	Sheathing
Bot Chd	550S150-54(50)	Sheathing
Web	550S150-54(50)	Unbraced

Truss Dimensions

Max Height	Max Width
7'-11-2	21'-10-9

Material Design Pass

Point Loads

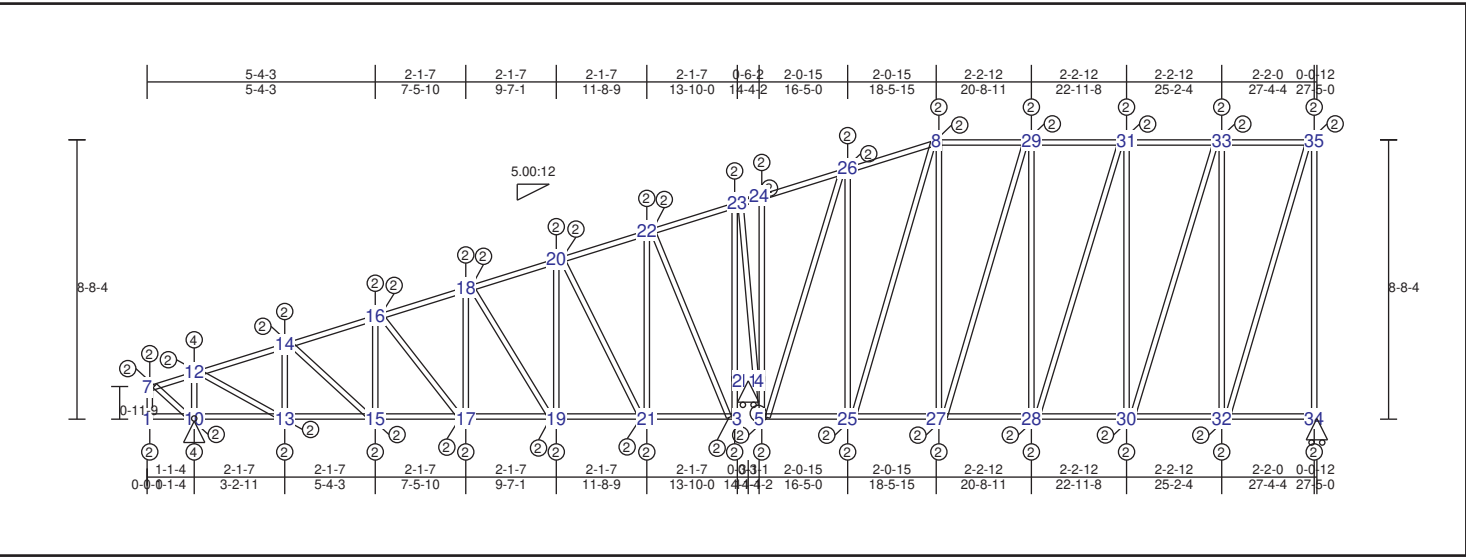
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB27-28	7-9-3	7-9-3	Concentrated	Dead	Down	Global	1092 lbs	1092 lbs	0 in.
WB29-30	0-0-0	0-0-0	Concentrated	Dead	Down	Global	1233 lbs	1233 lbs	0 in.
WB27-28	7-9-3	7-9-3	Concentrated	Live	Down	Global	1643 lbs	1643 lbs	0 in.
WB29-30	0-0-0	0-0-0	Concentrated	Live	Down	Global	1850 lbs	1850 lbs	0 in.
WB27-28	7-9-3	7-9-3	Concentrated	Wind	Down	Global	2129 lbs	2129 lbs	0 in.
WB29-30	0-0-0	0-0-0	Concentrated	Wind	Down	Global	2405 lbs	2405 lbs	0 in.
WB27-28	7-9-3	7-9-3	Concentrated	Wind	Down	Global	2129 lbs	2129 lbs	0 in.
WB29-30	0-0-0	0-0-0	Concentrated	Wind	Down	Global	2405 lbs	2405 lbs	0 in.
WB27-28	7-9-3	7-9-3	Concentrated	Wind	Down	Global	599 lbs	599 lbs	0 in.
WB29-30	0-0-0	0-0-0	Concentrated	Wind	Down	Global	678 lbs	678 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
3-28	0.00	0 lbs	0 lbs	1-27	0.03	0 lbs	0 lbs	27-28	0.00	76 lbs	0 lbs	28-31	0.93	-3904 lbs	-3904 lbs
28-32	0.45	1473 lbs	-1086 lbs	27-31	0.78	-1232 lbs	-1232 lbs	31-32	0.27	4291 lbs	0 lbs	8-32	0.69	-4427 lbs	-4427 lbs
9-32	0.87	1769 lbs	-271 lbs	8-31	0.86	-1610 lbs	-1610 lbs	8-9	0.83	-2667 lbs	-2667 lbs	9-10	0.18	2911 lbs	0 lbs
4-9	0.65	2768 lbs	0 lbs	8-10	0.86	-1610 lbs	-1610 lbs	4-10	0.92	-3444 lbs	-3444 lbs	4-11	0.28	4409 lbs	0 lbs
4-12	0.89	1131 lbs	-5 lbs	10-11	0.85	-1131 lbs	-1131 lbs	11-12	0.63	-4304 lbs	-4304 lbs	12-29	0.24	3899 lbs	0 lbs
12-30	0.86	-792 lbs	-792 lbs	11-29	0.85	792 lbs	-142 lbs	29-30	0.17	-645 lbs	-645 lbs	5-14	0.17	-598 lbs	-598 lbs
5-30	0.40	-792 lbs	-792 lbs	13-29	0.64	792 lbs	0 lbs	5-13	0.04	677 lbs	0 lbs	14-17	0.04	435 lbs	-191 lbs
5-15	0.26	-1046 lbs	-1046 lbs	13-14	0.36	923 lbs	0 lbs	14-15	0.04	-199 lbs	-199 lbs	16-19	0.02	326 lbs	-49 lbs
15-17	0.19	-1046 lbs	-1046 lbs	14-16	0.24	985 lbs	0 lbs	16-17	0.06	-350 lbs	-350 lbs	18-21	0.01	200 lbs	0 lbs
17-19	0.18	-1104 lbs	-1104 lbs	16-18	0.15	1000 lbs	0 lbs	18-19	0.03	-178 lbs	-178 lbs	20-23	0.03	509 lbs	0 lbs
19-21	0.20	-1106 lbs	-1106 lbs	18-20	0.15	1000 lbs	0 lbs	20-21	0.05	-372 lbs	-372 lbs	22-24	0.07	1065 lbs	-186 lbs
21-23	0.25	-1096 lbs	-1096 lbs	20-22	0.32	917 lbs	0 lbs	22-23	0.09	-746 lbs	-746 lbs	7-26	0.02	242 lbs	-208 lbs
23-24	0.42	-904 lbs	-904 lbs	7-22	0.32	624 lbs	-160 lbs	7-24	0.13	-1135 lbs	-1135 lbs				
24-26	0.43	-231 lbs	-231 lbs	7-25	0.12	190 lbs	-160 lbs	25-26	0.01	91 lbs	-73 lbs				
6-26	0.11	69 lbs	-24 lbs	2-25	0.12	-12 lbs	-12 lbs	2-6	0.00	-35 lbs	-35 lbs				

TRUSS RT30 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (33 - 35)	TL(V): 0 in.	L / 999	8	L / 240
BC : 0.49 (2 - 4)	LL(V): 0 in.	L / 999	8	L / 360
Web : 0.53 (34 - 35)	DL(V): 0 in.	L / 999	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: 0.01 in.		16	
	Web :			
	Snow/Wind 0 in.	L / 999	8	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
4	HRoll			1430 lbs	0 lbs	-430 lbs	0 lbs
10	Pin		400 lbs	810 lbs	0 lbs	-30 lbs	400 lbs
34	HRoll			680 lbs	0 lbs	-160 lbs	0 lbs
Materials				Material Exceptions			
Type	Material	Bracing		Section	Material	Bracing	
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions
Max Height 8-8-5
Max Width 27-5-0

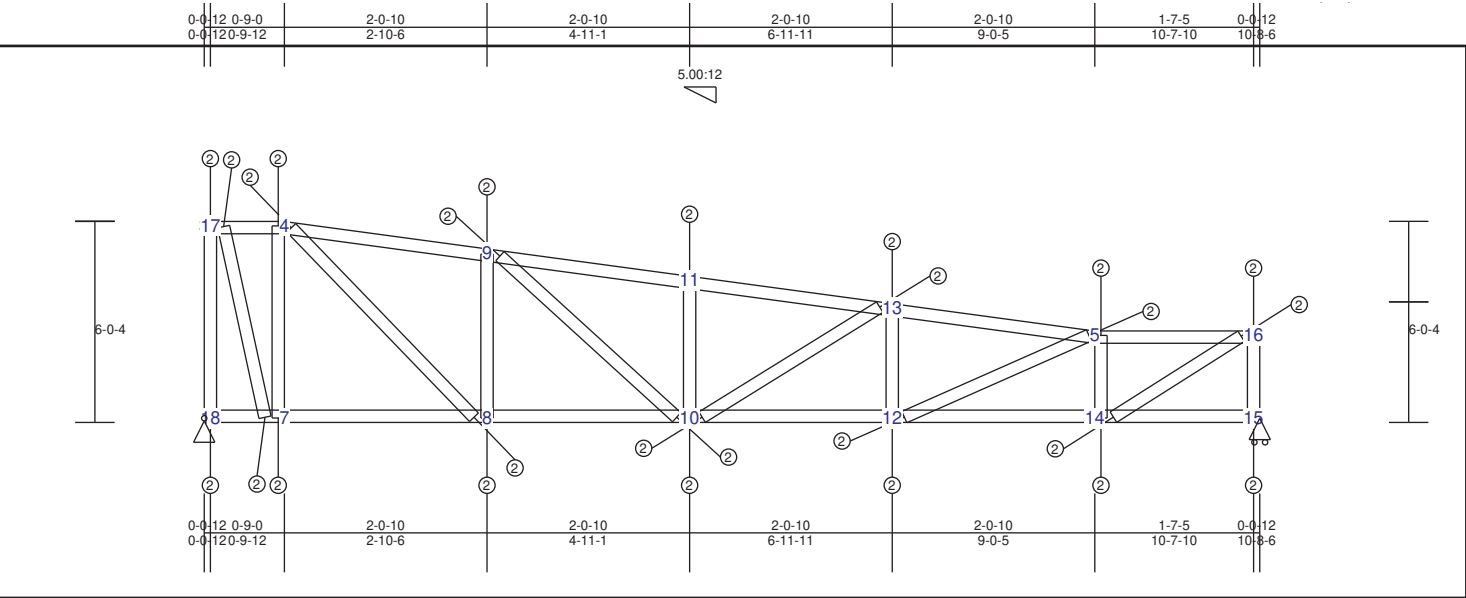
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
8-29	0.19	-255 lbs	-255 lbs	2-4	0.49	-25 lbs	-25 lbs	1-7	0.04	-3 lbs	-3 lbs	5-26	0.45	-699 lbs	-699 lbs
29-31	0.20	-255 lbs	-255 lbs	5-25	0.46	145 lbs	-126 lbs	10-12	0.14	-831 lbs	-831 lbs	8-25	0.27	-339 lbs	-339 lbs
31-33	0.37	-230 lbs	-230 lbs	25-27	0.20	217 lbs	-183 lbs	13-14	0.07	-394 lbs	-394 lbs	27-29	0.14	-179 lbs	-179 lbs
33-35	0.49	-145 lbs	-145 lbs	27-28	0.10	255 lbs	-213 lbs	15-16	0.02	-88 lbs	-88 lbs	28-31	0.08	113 lbs	-101 lbs
9-35	0.32	0 lbs	0 lbs	28-30	0.16	255 lbs	-213 lbs	17-18	0.06	-260 lbs	-260 lbs	30-33	0.26	385 lbs	-320 lbs
7-12	0.41	-288 lbs	-288 lbs	30-32	0.37	230 lbs	-190 lbs	19-20	0.11	-405 lbs	-405 lbs	4-23	0.15	463 lbs	-441 lbs
12-14	0.36	-695 lbs	-695 lbs	32-34	0.37	145 lbs	-119 lbs	21-22	0.21	-590 lbs	-590 lbs	32-35	0.44	672 lbs	-552 lbs
14-16	0.26	-730 lbs	-730 lbs	6-34	0.01	0 lbs	0 lbs	2-3	0.18	-634 lbs	-634 lbs				
16-18	0.23	-680 lbs	-680 lbs	1-10	0.11	-652 lbs	-652 lbs	2-23	0.31	-634 lbs	-634 lbs				
18-20	0.27	-517 lbs	-517 lbs	10-13	0.21	-836 lbs	-836 lbs	4-5	0.10	621 lbs	-527 lbs				
20-22	0.34	-305 lbs	-305 lbs	13-15	0.21	-836 lbs	-836 lbs	4-24	0.11	621 lbs	-527 lbs				
22-23	0.41	-309 lbs	-309 lbs	15-17	0.17	-778 lbs	-778 lbs	25-26	0.19	394 lbs	-311 lbs				
23-24	0.26	-309 lbs	-309 lbs	17-19	0.21	-632 lbs	-632 lbs	8-27	0.11	192 lbs	-139 lbs				
24-26	0.31	-350 lbs	-350 lbs	19-21	0.31	-448 lbs	-448 lbs	28-29	0.07	86 lbs	-85 lbs				
8-26	0.21	-307 lbs	-307 lbs	3-21	0.45	-244 lbs	-244 lbs	30-31	0.26	-336 lbs	-336 lbs				
								32-33	0.51	-671 lbs	-671 lbs				
								34-35	0.53	-689 lbs	-689 lbs				
								7-10	0.00	30 lbs	-19 lbs				
								12-13	0.07	660 lbs	-228 lbs				
								14-15	0.01	141 lbs	-25 lbs				
								16-17	0.03	288 lbs	-150 lbs				
								18-19	0.09	442 lbs	-354 lbs				
								20-21	0.16	582 lbs	-530 lbs				
								3-22	0.29	737 lbs	-710 lbs				

TRUSS RT31 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (17 - 4)	TL(V): 0 in.	L / 999	(3-17)	L / 240
BC : 0.45 (18 - 7)	LL(V): 0 in.	L / 999	(3-17)	L / 360
Web : 0.30 (7 - 4)	DL(V): 0 in.	L / 999	(3-17)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		11	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-17)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
P.Point	Type						
15	HRoll		0 lbs	570 lbs	0 lbs	-40 lbs	0 lbs
18	Pin		-170 lbs	570 lbs	0 lbs	-150 lbs	-170 lbs

Materials			Material Exceptions		
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions	
Max Height	Max Width
6-0-4	10-8-6

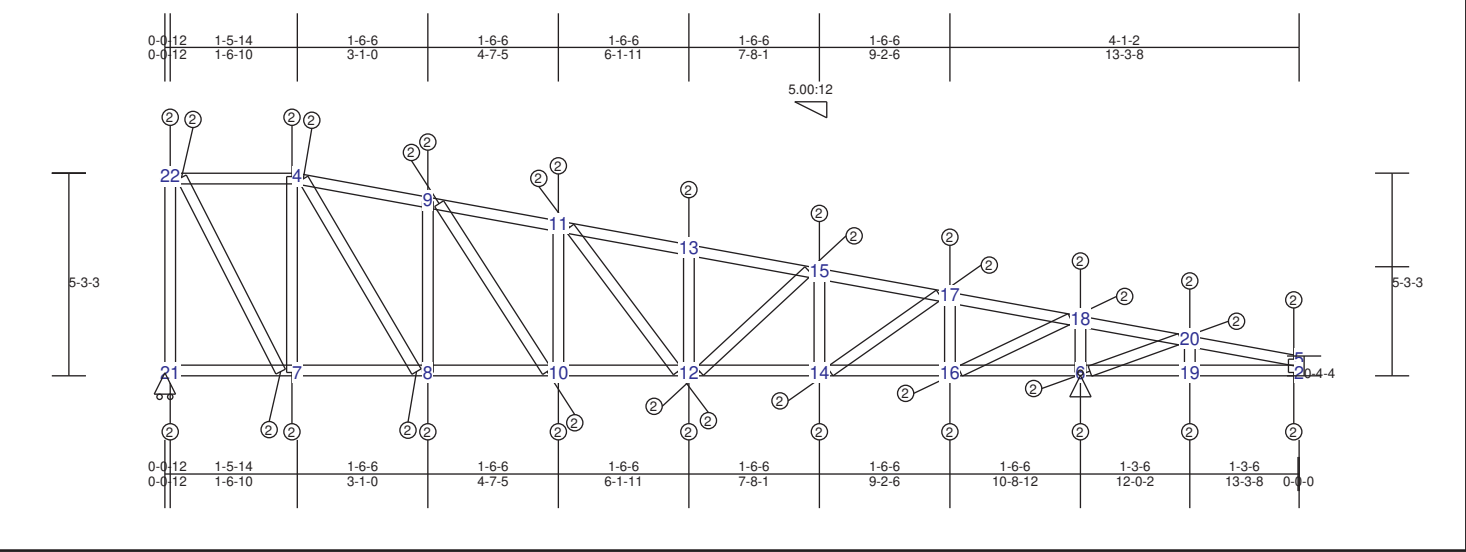
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-17	0.28	0 lbs	0 lbs	1-18	0.03	288 lbs	-81 lbs	4-7	0.30	-776 lbs	-776 lbs
4-17	0.43	-54 lbs	-54 lbs	7-18	0.45	288 lbs	-81 lbs	8-9	0.16	596 lbs	-562 lbs
5-16	0.42	-298 lbs	-298 lbs	7-8	0.31	241 lbs	-66 lbs	10-11	0.05	-196 lbs	-196 lbs
6-16	0.27	0 lbs	0 lbs	8-10	0.29	362 lbs	-97 lbs	12-13	0.02	-112 lbs	-112 lbs
4-9	0.32	-324 lbs	-324 lbs	10-12	0.17	422 lbs	-194 lbs	5-14	0.10	-583 lbs	-583 lbs
9-11	0.35	-432 lbs	-432 lbs	12-14	0.17	422 lbs	-194 lbs	17-18	0.24	-615 lbs	-615 lbs
11-13	0.21	-449 lbs	-449 lbs	14-15	0.31	298 lbs	-159 lbs	15-16	0.10	-592 lbs	-592 lbs
5-13	0.26	-485 lbs	-485 lbs	2-15	0.01	0 lbs	0 lbs	4-8	0.27	-644 lbs	-644 lbs
								9-10	0.13	-415 lbs	-415 lbs
								10-13	0.03	210 lbs	-130 lbs
								5-12	0.02	210 lbs	-60 lbs
								7-17	0.29	768 lbs	-761 lbs
								14-16	0.06	653 lbs	-348 lbs

TRUSS RT32 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (22 - 4)	TL(V): 0 in.	L / 999 (3-22)	L / 240
BC : 0.31 (21 - 7)	LL(V): 0 in.	L / 999 (3-22)	L / 360
Web : 0.18 (4 - 8)	DL(V): 0 in.	L / 999 (3-22)	L / 0
	Cant / OH TL: 0 in.	2L / 999 0	2L / 0
	Cant / OH LL: 0 in.	2L / 999 0	2L / 0
	Horiz TL: -0.01 in.	5	
	Web :		
	Snow/Wind 0 in.	L / 999 (3-22)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	Pin		-250 lbs	880 lbs	0 lbs	-80 lbs	-250 lbs
21	HRoll		0 lbs	540 lbs	0 lbs	-150 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5'-3'-4	13'-3'-8

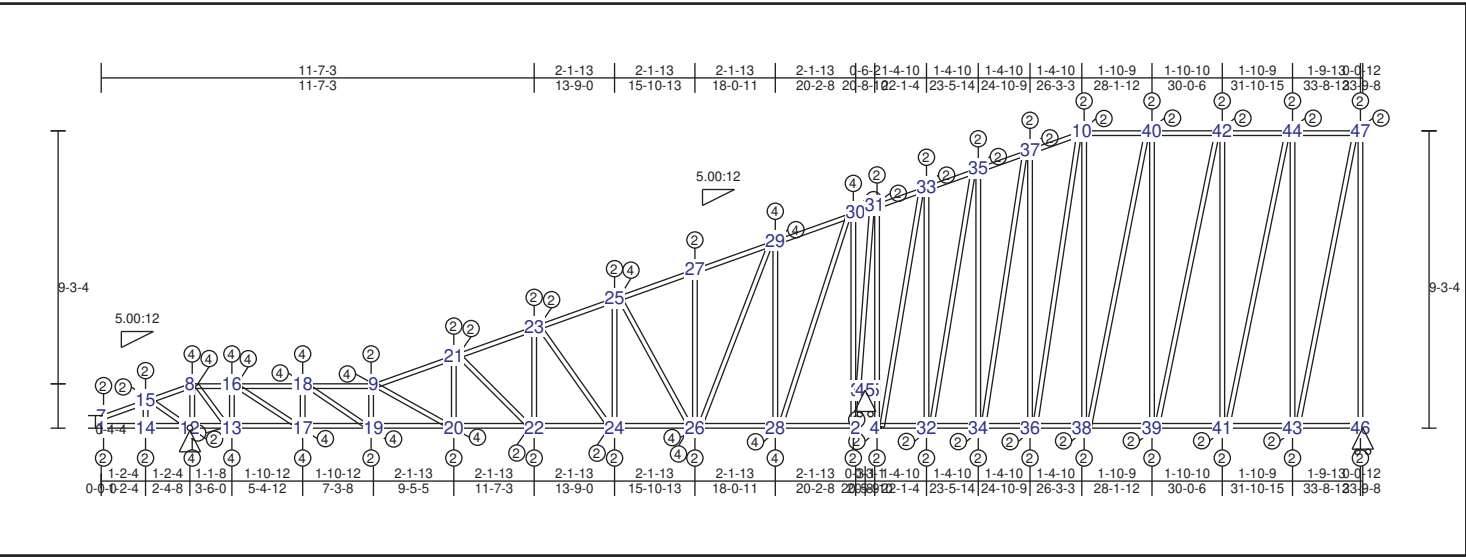
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-22	0.26	0 lbs	0 lbs	1-21	0.01	0 lbs	0 lbs	4-7	0.18	589 lbs	-583 lbs
4-22	0.40	-124 lbs	-124 lbs	7-21	0.31	124 lbs	-124 lbs	8-9	0.13	543 lbs	-497 lbs
4-9	0.27	-332 lbs	-332 lbs	7-8	0.27	-267 lbs	-267 lbs	10-11	0.07	395 lbs	-315 lbs
9-11	0.26	-419 lbs	-419 lbs	8-10	0.26	-380 lbs	-380 lbs	12-13	0.03	-164 lbs	-164 lbs
11-13	0.19	-476 lbs	-476 lbs	10-12	0.19	-467 lbs	-467 lbs	14-15	0.03	-197 lbs	-197 lbs
13-15	0.14	-476 lbs	-476 lbs	12-14	0.15	-511 lbs	-511 lbs	16-17	0.09	-520 lbs	-520 lbs
15-17	0.21	-472 lbs	-472 lbs	14-16	0.28	-511 lbs	-511 lbs	6-18	0.12	-758 lbs	-758 lbs
17-18	0.34	-410 lbs	-410 lbs	6-16	0.28	-459 lbs	-459 lbs	19-20	0.01	93 lbs	-82 lbs
18-20	0.35	248 lbs	-141 lbs	6-19	0.18	-216 lbs	-216 lbs	2-5	0.01	-36 lbs	-36 lbs
5-20	0.16	76 lbs	-27 lbs	2-19	0.18	-14 lbs	-14 lbs	21-22	0.17	-563 lbs	-563 lbs
								4-8	0.18	-575 lbs	-575 lbs
								9-10	0.11	-418 lbs	-418 lbs
								11-12	0.06	-279 lbs	-279 lbs
								12-15	0.01	102 lbs	-29 lbs
								14-17	0.03	294 lbs	-98 lbs
								16-18	0.07	670 lbs	-374 lbs
								6-20	0.04	-271 lbs	-271 lbs
								7-22	0.18	569 lbs	-567 lbs

TRUSS RT33 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 16)	TL(V): 0.02 in.	L / 999	9	L / 240
BC : 0.76 (3 - 5)	LL(V): 0.01 in.	L / 999	9	L / 360
Web : 0.70 (3 - 30)	DL(V): 0.01 in.	L / 999	(21-23)	L / 0
	Cant / OH TL: 0.01 in.	2L / 0	30	2L / 360
	Cant / OH LL: 0.01 in.	2L / 0	30	2L / 360
	Horiz TL: -0.03 in.		31	
	Web :			
	Snow/Wind 0 in.	L / 999	9	L / 360
	Cant (Snow/Wind) 0 in.	L / 0	30	L / 360

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table					Max Gravity Uplift			Max Wind Uplift			Max Horizontal		
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal	Max Gravity Uplift	Max Wind Uplift	Max Horizontal	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
3	HRoll			1730 lbs	0 lbs	-450 lbs	0 lbs						
12	Pin		450 lbs	1190 lbs	0 lbs	-150 lbs	450 lbs						
46	HRoll			670 lbs	0 lbs	-170 lbs	0 lbs						

Materials				Material Exceptions			
Type	Material	Bracing	Section	Material	Bracing	Section	Material
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions			
Max Height	Max Width	Max Height	Max Width
9-3-5	33-9-8		

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	0.15	67 lbs	-24 lbs	1-14	0.14	-14 lbs	-14 lbs	1-7	0.01	30 lbs	-29 lbs	8-13	0.14	1391 lbs	-817 lbs
8-15	0.24	249 lbs	-143 lbs	12-14	0.14	-229 lbs	-229 lbs	14-15	0.01	74 lbs	-69 lbs	16-17	0.14	1396 lbs	-762 lbs
8-16	0.70	-516 lbs	-516 lbs	12-13	0.61	-973 lbs	-973 lbs	8-12	0.18	-1097 lbs	-1097 lbs	18-19	0.10	978 lbs	-423 lbs
16-18	0.52	-1626 lbs	-1626 lbs	13-17	0.61	1626 lbs	-1579 lbs	13-16	0.19	-1182 lbs	-1182 lbs	9-20	0.13	-783 lbs	-783 lbs
9-18	0.52	-2393 lbs	-2393 lbs	17-19	0.41	2393 lbs	-1911 lbs	17-18	0.13	-814 lbs	-814 lbs	21-22	0.13	-713 lbs	-713 lbs
9-21	0.49	-2373 lbs	-2373 lbs	19-20	0.37	2393 lbs	-1459 lbs	9-19	0.09	-553 lbs	-553 lbs	23-24	0.15	-722 lbs	-722 lbs
21-23	0.51	-1660 lbs	-1660 lbs	20-22	0.33	1736 lbs	-1102 lbs	20-21	0.05	482 lbs	-320 lbs	25-26	0.20	-798 lbs	-798 lbs
23-25	0.43	-1147 lbs	-1147 lbs	22-24	0.33	1272 lbs	-794 lbs	22-23	0.08	541 lbs	-414 lbs	26-29	0.35	1026 lbs	-892 lbs
25-27	0.40	-693 lbs	-693 lbs	24-26	0.52	898 lbs	-506 lbs	24-25	0.12	676 lbs	-551 lbs	28-30	0.47	1073 lbs	-945 lbs
27-29	0.54	-656 lbs	-656 lbs	26-28	0.61	559 lbs	-226 lbs	26-27	0.06	-218 lbs	-218 lbs	3-31	0.14	-403 lbs	-403 lbs
29-30	0.53	-589 lbs	-589 lbs	2-28	0.61	237 lbs	-90 lbs	28-29	0.40	-1103 lbs	-1103 lbs	4-33	0.46	-780 lbs	-780 lbs
30-31	0.37	-243 lbs	-243 lbs	4-32	0.48	-90 lbs	-156 lbs	2-3	0.15	20 lbs	-19 lbs	32-35	0.39	-574 lbs	-574 lbs
31-33	0.33	-348 lbs	-348 lbs	32-34	0.29	167 lbs	-190 lbs	3-30	0.70	-1003 lbs	-1003 lbs	34-37	0.26	-334 lbs	-334 lbs
33-35	0.22	-335 lbs	-335 lbs	34-36	0.17	210 lbs	-199 lbs	4-5	0.14	660 lbs	-565 lbs	10-36	0.10	-118 lbs	-118 lbs
35-37	0.14	-311 lbs	-311 lbs	36-38	0.06	225 lbs	-199 lbs	5-31	0.42	660 lbs	-565 lbs	38-40	0.03	-31 lbs	-31 lbs
10-37	0.12	-259 lbs	-259 lbs	38-39	0.10	230 lbs	-165 lbs	32-33	0.31	649 lbs	-538 lbs	39-42	0.18	216 lbs	-200 lbs
10-40	0.15	-230 lbs	-230 lbs	39-41	0.20	230 lbs	-97 lbs	34-35	0.19	354 lbs	-276 lbs	41-44	0.35	452 lbs	-391 lbs
40-42	0.20	-230 lbs	-230 lbs	41-43	0.39	193 lbs	0 lbs	36-37	0.06	137 lbs	-78 lbs	43-47	0.52	693 lbs	-585 lbs
42-44	0.35	-193 lbs	-115 lbs	43-46	0.39	115 lbs	0 lbs	10-38	0.01	53 lbs	-13 lbs				
44-47	0.49	-115 lbs	0 lbs	6-46	0.01	0 lbs	-52 lbs	39-40	0.16	-190 lbs	-190 lbs				
11-47	0.32	0 lbs	0 lbs	3-5	0.76	-52 lbs		41-42	0.35	-405 lbs	-405 lbs				
								43-44	0.61	-707 lbs	-707 lbs				
								46-47	0.60	-688 lbs	-688 lbs				
								12-15	0.05	-295 lbs	-295 lbs				

TRUSS RT34 (spacing 24 in)

Structural drawing of Truss RT34 (spacing 24 in). The drawing shows a side elevation and a plan view of the truss structure. The side elevation shows a truss with 18 members and 10 joints, with a height of 8'-4.5". The plan view shows the truss layout with 18 members and 10 joints, with a width of 4'-5.9". The truss is supported by a pin support at joint 1 and a roller support at joint 10. The truss is labeled with member numbers 1 through 18 and joint numbers 1 through 10. The truss is shown in a perspective view with a 4.99:12 slope.

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC : 0.40 (18 - 7)	TL(V): 0 in.	L / 999	4	L / 240
BC : 0.36 (17 - 6)	LL(V): 0 in.	L / 999	4	L / 360
Web : 0.30 (18 - 6)	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: -0.01 in.		11	
	Web :			
	Snow/Wind 0 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
16	HRoll		0 lbs	930 lbs	0 lbs	0 lbs	0 lbs
17	Pin		-220 lbs	570 lbs	0 lbs	-160 lbs	-220 lbs
19	HRoll		0 lbs	-340 lbs	-340 lbs	-130 lbs	0 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
6-4-5	10-9-1

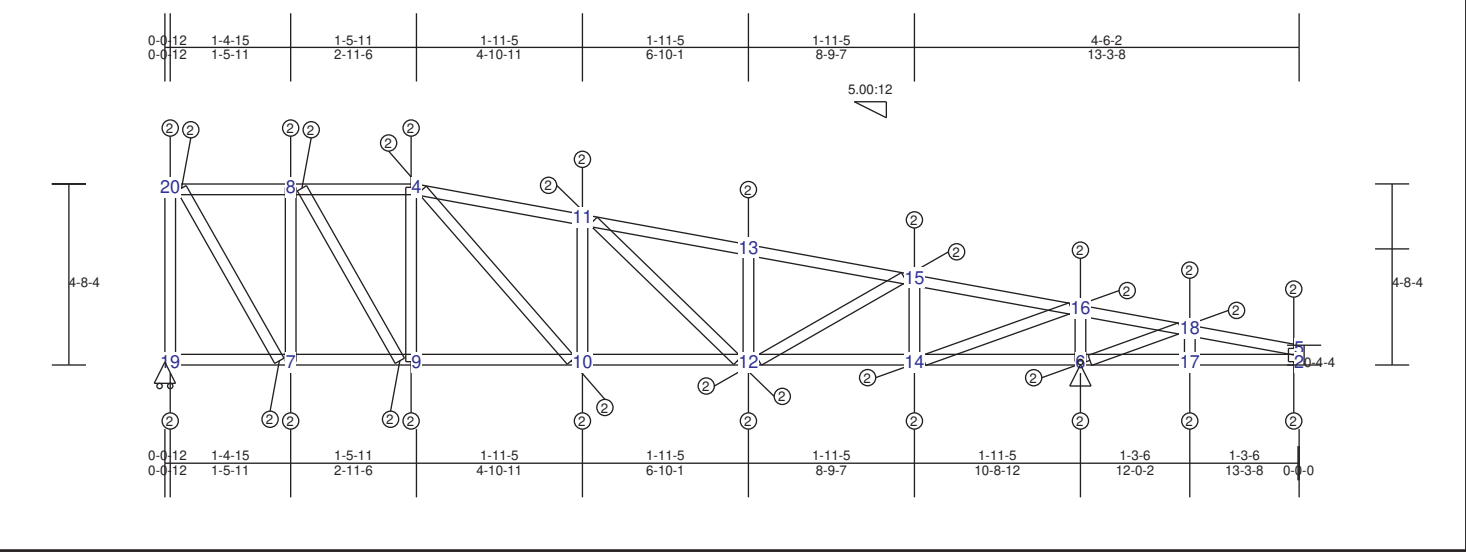
Member Forces Summary

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

Top Chord			Bot Chord			Web					
4-20	0.30	0 lbs	0 lbs	1-17	0.04	366 lbs	-103 lbs	6-7	0.22	705 lbs	-659 lbs
5-20	0.12	0 lbs	0 lbs	6-17	0.36	366 lbs	-103 lbs	8-9	0.12	519 lbs	-439 lbs
3-18	0.00	0 lbs	0 lbs	6-8	0.36	269 lbs	-60 lbs	10-11	0.04	-185 lbs	-185 lbs
7-18	0.40	-233 lbs	-233 lbs	8-10	0.25	357 lbs	-46 lbs	12-13	0.02	-92 lbs	-92 lbs
7-9	0.35	-335 lbs	-335 lbs	10-12	0.16	389 lbs	-128 lbs	14-15	0.07	-414 lbs	-414 lbs
9-11	0.26	-424 lbs	-424 lbs	12-14	0.23	389 lbs	-137 lbs	4-16	0.14	-841 lbs	-841 lbs
11-13	0.15	-424 lbs	-424 lbs	14-16	0.23	308 lbs	-137 lbs	17-18	0.24	606 lbs	-581 lbs
13-15	0.21	-451 lbs	-451 lbs	16-19	0.08	0 lbs	0 lbs	19-20	0.03	254 lbs	-127 lbs
4-15	0.28	-439 lbs	-439 lbs	2-19	0.05	0 lbs	0 lbs	7-8	0.20	-555 lbs	-555 lbs
								9-10	0.11	-396 lbs	-396 lbs
								10-13	0.02	209 lbs	-82 lbs
								12-15	0.02	169 lbs	-5 lbs
								4-14	0.05	497 lbs	-221 lbs
								6-18	0.30	-684 lbs	-684 lbs

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12. This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft². This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

TRUSS RT35 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (20 - 8)	TL(V): 0 in.	L / 999	4	L / 240
BC : 0.33 (19 - 7)	LL(V): 0 in.	L / 999	4	L / 360
Web : 0.16 (7 - 8)	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: -0.01 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
6	Pin		-220 lbs	870 lbs	0 lbs	-90 lbs	-220 lbs
19	HRoll		0 lbs	540 lbs	0 lbs	-150 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-8-5	13-3-8

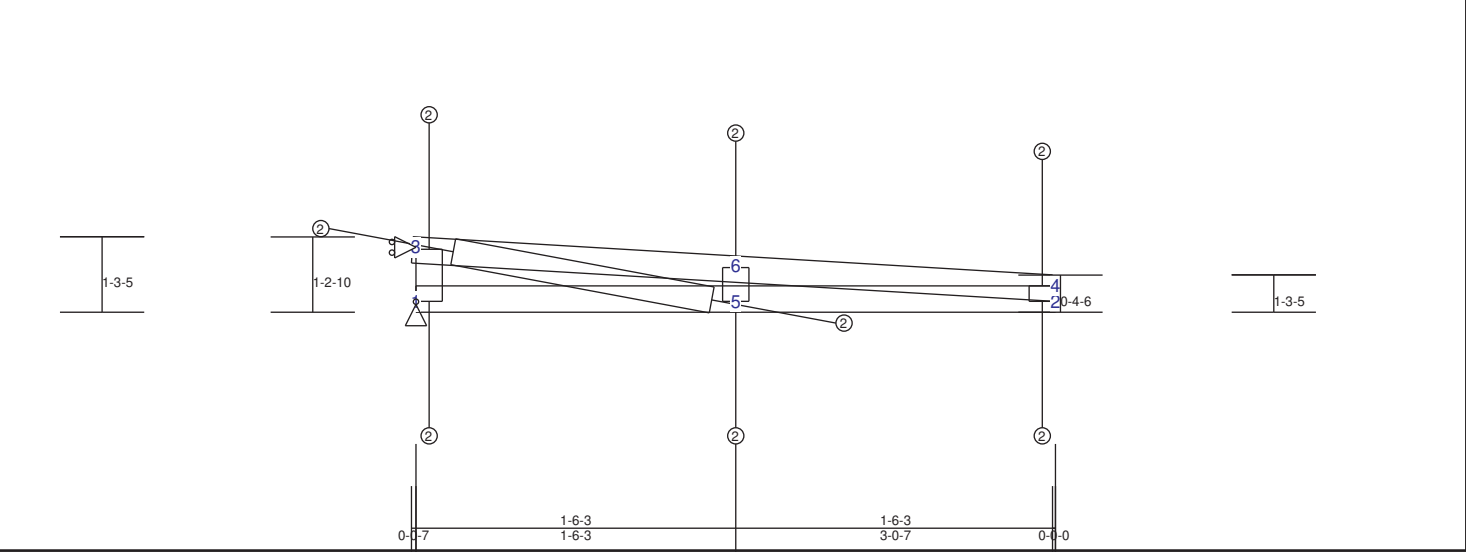
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-11	0.25	-454 lbs	-454 lbs	1-19	0.01	0 lbs	0 lbs	7-8	0.16	-612 lbs	-612 lbs
11-13	0.25	-490 lbs	-490 lbs	7-19	0.33	144 lbs	-134 lbs	4-9	0.09	362 lbs	-335 lbs
13-15	0.22	-490 lbs	-490 lbs	7-9	0.33	239 lbs	-232 lbs	10-11	0.07	402 lbs	-331 lbs
15-16	0.33	-446 lbs	-446 lbs	9-10	0.20	-384 lbs	-384 lbs	12-13	0.04	-197 lbs	-197 lbs
16-18	0.37	245 lbs	-137 lbs	10-12	0.20	-475 lbs	-475 lbs	14-15	0.07	-425 lbs	-425 lbs
5-18	0.16	76 lbs	-28 lbs	12-14	0.23	-475 lbs	-475 lbs	6-16	0.13	-761 lbs	-761 lbs
3-20	0.26	0 lbs	0 lbs	6-14	0.23	-460 lbs	-460 lbs	17-18	0.01	96 lbs	-85 lbs
8-20	0.40	-144 lbs	-144 lbs	6-17	0.18	205 lbs	-202 lbs	2-5	0.01	-37 lbs	-37 lbs
4-8	0.29	-239 lbs	-239 lbs	2-17	0.18	-14 lbs	-14 lbs	19-20	0.14	-561 lbs	-561 lbs
								8-9	0.11	-408 lbs	-408 lbs
								4-10	0.12	-426 lbs	-426 lbs
								11-12	0.05	-222 lbs	-222 lbs
								12-15	0.02	178 lbs	-28 lbs
								14-16	0.07	662 lbs	-382 lbs
								6-18	0.04	-262 lbs	-262 lbs
								7-20	0.15	599 lbs	-556 lbs

TRUSS RT36 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.30 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.09 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		400 lbs	310 lbs	0 lbs	-50 lbs	400 lbs
3	VRoll		-400 lbs	0 lbs	0 lbs	0 lbs	-400 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

Max Height	Max Width
1-3-6	3-0-14

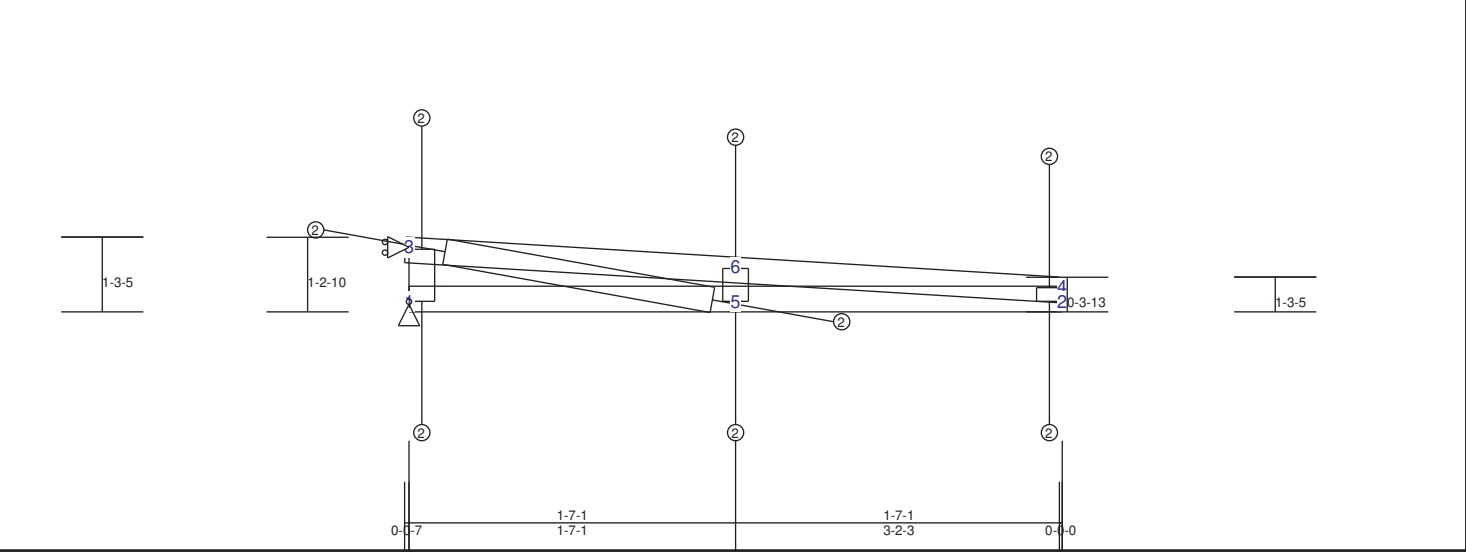
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.22	483 lbs	-342 lbs	1-5	0.30	-398 lbs	-398 lbs	1-3	0.09	-360 lbs	-360 lbs
4-6	0.30	81 lbs	-44 lbs	2-5	0.18	-14 lbs	-14 lbs	5-6	0.04	-285 lbs	-285 lbs
								2-4	0.01	17 lbs	-17 lbs
								3-5	0.08	541 lbs	-471 lbs

TRUSS RT37 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (6 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.33 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.10 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		440 lbs	320 lbs	0 lbs	-50 lbs	440 lbs
3	VRoll		-440 lbs	0 lbs	0 lbs	0 lbs	-440 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

Max Height	Max Width
1-3-6	3-2-10

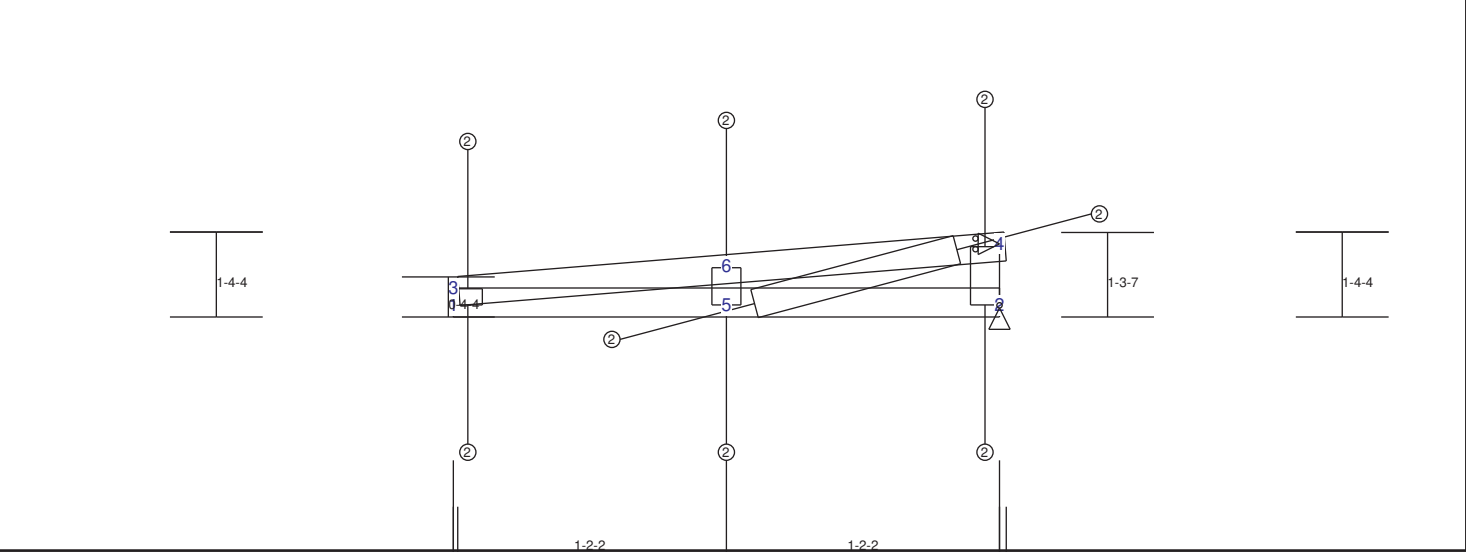
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.24	527 lbs	-376 lbs	1-5	0.33	-439 lbs	-439 lbs	1-3	0.10	-377 lbs	-377 lbs
4-6	0.33	83 lbs	-45 lbs	2-5	0.19	-12 lbs	-12 lbs	5-6	0.04	-296 lbs	-296 lbs
								2-4	0.01	19 lbs	-18 lbs
								3-5	0.08	581 lbs	-505 lbs

TRUSS RT38 (spacing 24 in)



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

Max CSI Summary	Deflection	L /	(Loc)	Max. Allowed
TC : 0.21 (3 - 6)	TL(V): 0 in.	L / 999	(3-6)	L / 240
BC : 0.22 (5 - 2)	LL(V): 0 in.	L / 999	(3-6)	L / 360
Web : 0.10 (2 - 4)	DL(V): 0 in.	L / 999	(3-6)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.01 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-6)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
2	Pin		-220 lbs	240 lbs	0 lbs	-50 lbs
4	VRoll		220 lbs	0 lbs	0 lbs	0 lbs

Materials			Material Exceptions		
Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions	
Max Height	Max Width
1-4-4	2-4-13

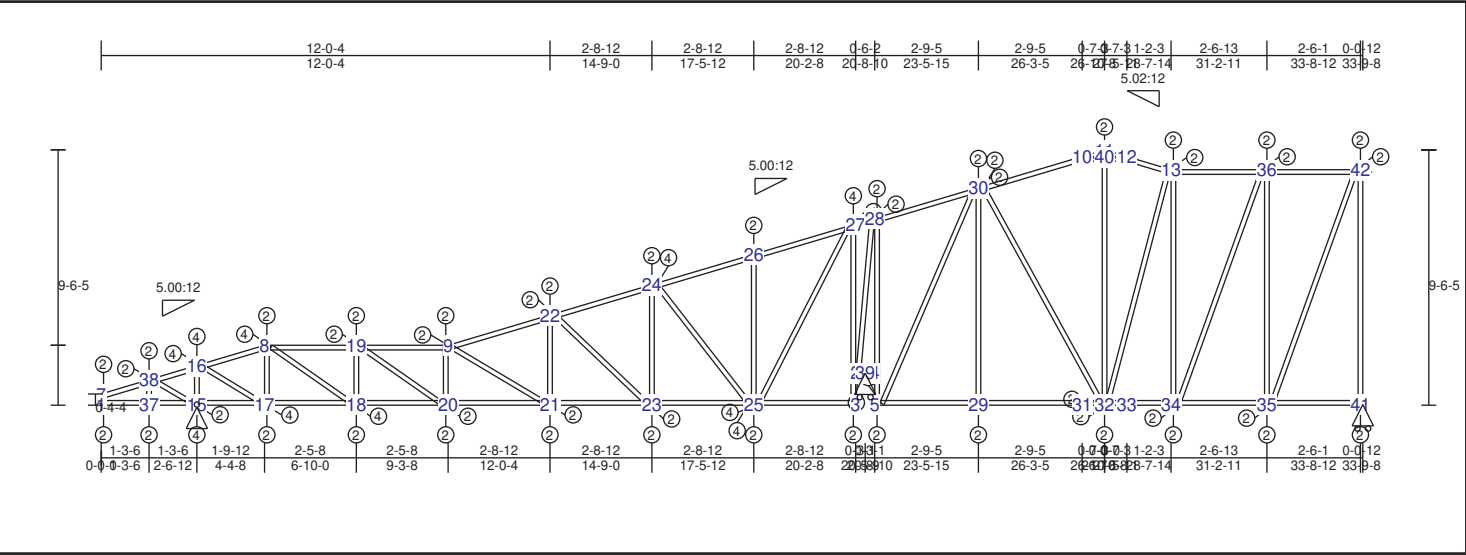
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.21	94 lbs	-50 lbs	1-5	0.13	-14 lbs	-14 lbs	1-3	0.01	12 lbs	-11 lbs
4-6	0.15	317 lbs	-207 lbs	2-5	0.22	-223 lbs	-223 lbs	5-6	0.04	-235 lbs	-235 lbs
								2-4	0.10	-289 lbs	-289 lbs
								4-5	0.06	377 lbs	-351 lbs

TRUSS RT39 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 19)	TL(V): 0.04 in.	L / 999 (30-10)	L / 240
BC : 0.77 (2 - 4)	LL(V): 0.03 in.	L / 999 (30-10)	L / 360
Web : 0.70 (2 - 27)	DL(V): 0.02 in.	L / 999 (30-10)	L / 0
	Cant / OH TL: 0.03 in.	2L / 999 (30-10)	2L / 360
	Cant / OH LL: 0.03 in.	2L / 999 (30-10)	2L / 360
	Horiz TL: -0.02 in.	28	
	Web :		
	Snow/Wind -0.01 in.	L / 999 (30-10)	L / 360
	Cant (Snow/Wind) -0.01 in.	L / 999 (30-10)	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll			1780 lbs	0 lbs	-450 lbs	0 lbs
15	Pin		430 lbs	1200 lbs	0 lbs	-130 lbs	430 lbs
41	HRoll		0 lbs	740 lbs	0 lbs	-170 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
9'-6"	33'-9"

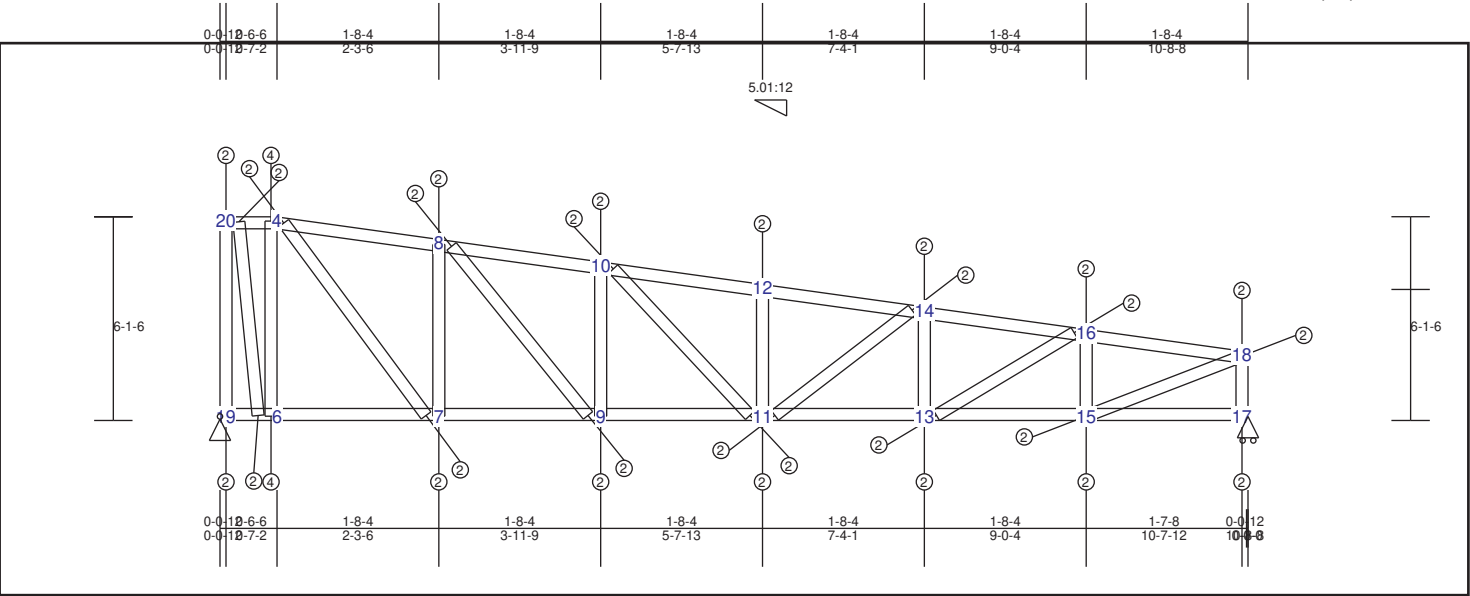
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
7-38 0.15 77 lbs -28 lbs	2-4 0.77 -36 lbs -36 lbs	1-7 0.01 -40 lbs -40 lbs	25-27 0.48 1054 lbs -918 lbs
16-38 0.56 228 lbs -203 lbs	1-37 0.19 -14 lbs -14 lbs	15-16 0.18 -1122 lbs -1122 lbs	2-28 0.13 -360 lbs -360 lbs
8-16 0.49 -637 lbs -637 lbs	15-37 0.19 -529 lbs -529 lbs	8-17 0.11 -645 lbs -645 lbs	5-30 0.53 -741 lbs -741 lbs
8-19 0.65 -1319 lbs -1319 lbs	15-17 0.31 -920 lbs -920 lbs	18-19 0.12 -725 lbs -725 lbs	34-36 0.25 370 lbs -303 lbs
9-19 0.57 -1706 lbs -1706 lbs	17-18 0.38 1319 lbs -1286 lbs	9-20 0.05 -322 lbs -322 lbs	15-38 0.04 244 lbs -227 lbs
9-22 0.44 -1657 lbs -1657 lbs	18-20 0.38 1706 lbs -1394 lbs	21-22 0.06 455 lbs -333 lbs	13-32 0.06 70 lbs -69 lbs
22-24 0.56 -1064 lbs -1064 lbs	20-21 0.29 1706 lbs -1394 lbs	23-24 0.13 669 lbs -540 lbs	30-32 0.11 213 lbs -144 lbs
24-26 0.45 -512 lbs -512 lbs	21-23 0.35 1193 lbs -1018 lbs	25-26 0.09 -270 lbs -270 lbs	35-42 0.49 725 lbs -590 lbs
26-27 0.64 -539 lbs -539 lbs	23-25 0.61 740 lbs -651 lbs	2-3 0.11 -34 lbs -34 lbs	
27-28 0.48 -168 lbs -168 lbs	3-25 0.56 327 lbs -300 lbs	2-27 0.70 -1093 lbs -1093 lbs	
28-30 0.47 -398 lbs -398 lbs	5-29 0.49 207 lbs -182 lbs	4-5 0.10 669 lbs -543 lbs	
10-30 0.34 -367 lbs -367 lbs	29-32 0.11 285 lbs -235 lbs	4-28 0.37 669 lbs -543 lbs	
10-11 0.17 135 lbs -116 lbs	32-34 0.11 285 lbs -235 lbs	29-30 0.03 66 lbs -42 lbs	
11-12 0.20 128 lbs -108 lbs	34-35 0.40 272 lbs -222 lbs	13-34 0.24 -309 lbs -309 lbs	
12-13 0.24 -327 lbs -327 lbs	35-41 0.40 180 lbs -147 lbs	35-36 0.56 -714 lbs -714 lbs	
13-36 0.46 -272 lbs -272 lbs	6-41 0.01 0 lbs 0 lbs	37-38 0.01 100 lbs -87 lbs	
36-42 0.54 -180 lbs -180 lbs		32-40 0.23 -264 lbs -264 lbs	
14-42 0.35 0 lbs 0 lbs		41-42 0.59 -748 lbs -748 lbs	
10-40 0.25 -428 lbs -428 lbs		16-17 0.10 974 lbs -532 lbs	
12-40 0.25 -428 lbs -428 lbs		8-18 0.10 1054 lbs -543 lbs	
		19-20 0.05 542 lbs -151 lbs	
		9-21 0.13 -668 lbs -668 lbs	
		22-23 0.17 -755 lbs -755 lbs	
		24-25 0.25 -848 lbs -848 lbs	

TRUSS RT40 (spacing 24 in)



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

Max CSI Summary		Deflection		L / 999		(Loc)		Max. Allowed	
TC :	0.36 (4 - 8)	TL(V):	0 in.	L / 999	(3-20)	L / 240			
BC :	0.68 (19 - 6)	LL(V):	0 in.	L / 999	(3-20)	L / 360			
Web :	0.37 (6 - 4)	DL(V):	0 in.	L / 999	(3-20)	L / 0			
		Cant / OH TL:	0 in.	2L / 999	0	2L / 0			
		Cant / OH LL:	0 in.	2L / 999	0	2L / 0			
		Horiz TL:	-0.01 in.		10				
		Web :							
		Snow/Wind	0 in.	L / 999	(3-20)	L / 360			
		Cant (Snow/Wind)	0 in.	L / 999	0	L / 0			

Load Summary
1) This Truss has been designed in accordance with AISI 2016.
2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
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
17	HRoll		0 lbs	570 lbs	0 lbs	-20 lbs	0 lbs
19	Pin		-210 lbs	570 lbs	0 lbs	-160 lbs	-210 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	Section
Bot Chd	350S150-43(50)	Sheathing	Material
Web	350S150-43(50)	Unbraced	Bracing

Truss Dimensions

Max Height	Max Width
6-1-12	10-8-8

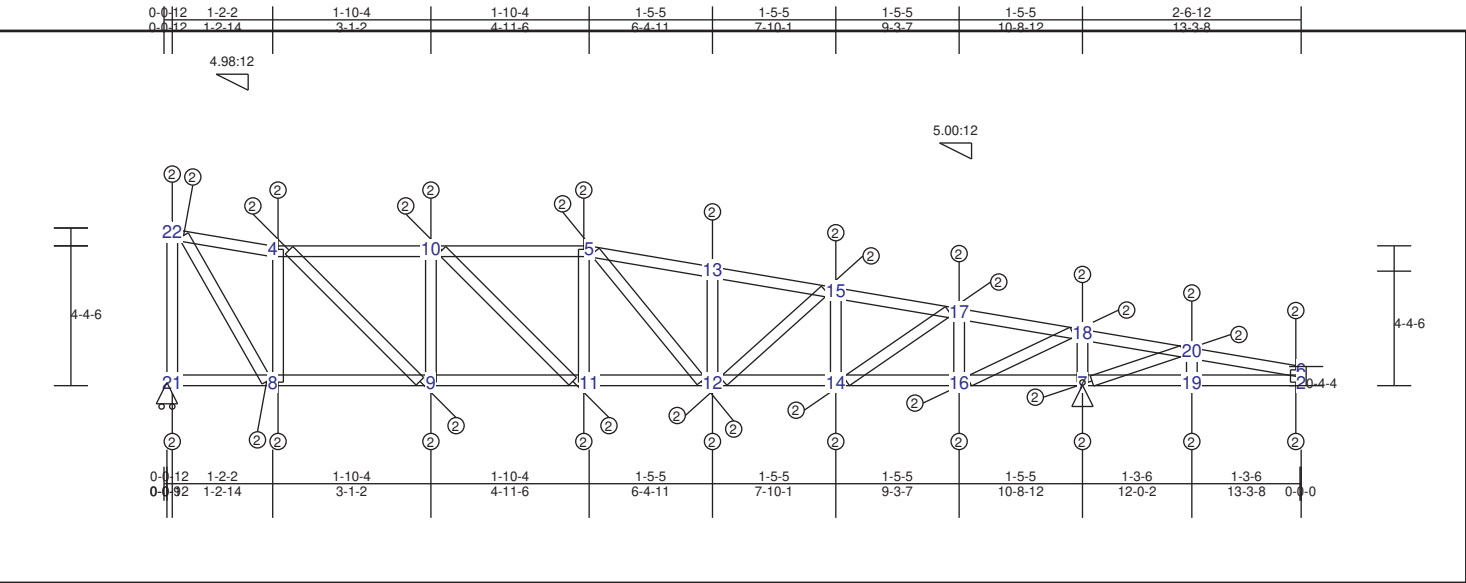
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-20	0.23	0 lbs	0 lbs	1-19	0.04	355 lbs	-100 lbs	4-6	0.37	967 lbs	-943 lbs
4-20	0.35	25 lbs	-25 lbs	6-19	0.68	355 lbs	-100 lbs	7-8	0.19	639 lbs	-596 lbs
4-8	0.36	-272 lbs	-272 lbs	6-7	0.47	330 lbs	-93 lbs	9-10	0.11	493 lbs	-416 lbs
8-10	0.32	-376 lbs	-376 lbs	7-9	0.30	309 lbs	-42 lbs	11-12	0.04	-180 lbs	-180 lbs
10-12	0.25	-461 lbs	-461 lbs	9-11	0.24	391 lbs	-90 lbs	13-14	0.02	-119 lbs	-119 lbs
12-14	0.15	-461 lbs	-461 lbs	11-13	0.15	414 lbs	-162 lbs	15-16	0.07	-387 lbs	-387 lbs
14-16	0.18	-475 lbs	-475 lbs	13-15	0.18	414 lbs	-164 lbs	17-18	0.09	-574 lbs	-574 lbs
16-18	0.25	-462 lbs	-462 lbs	15-17	0.18	330 lbs	-164 lbs	15-18	0.05	505 lbs	-251 lbs
5-18	0.25	-377 lbs	-377 lbs	2-17	0.00	0 lbs	0 lbs	19-20	0.20	498 lbs	-498 lbs
								4-7	0.31	-749 lbs	-749 lbs
								8-9	0.16	-500 lbs	-500 lbs
								10-11	0.10	-374 lbs	-374 lbs
								11-14	0.02	181 lbs	-56 lbs
								13-16	0.02	171 lbs	-1 lbs
								6-20	0.30	-767 lbs	-767 lbs

TRUSS RT41 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC :	TL(V): 0 in.	L / 999	5	L / 240
BC :	LL(V): 0 in.	L / 999	5	L / 360
Web :	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: -0.01 in.		6	
	Web :			
	Snow/Wind 0 in.	L / 999	5	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
7	Pin		-210 lbs	870 lbs	0 lbs	-100 lbs	-210 lbs
21	HRoll		0 lbs	540 lbs	0 lbs	-140 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4'-4" 6"	13'-4" 1"

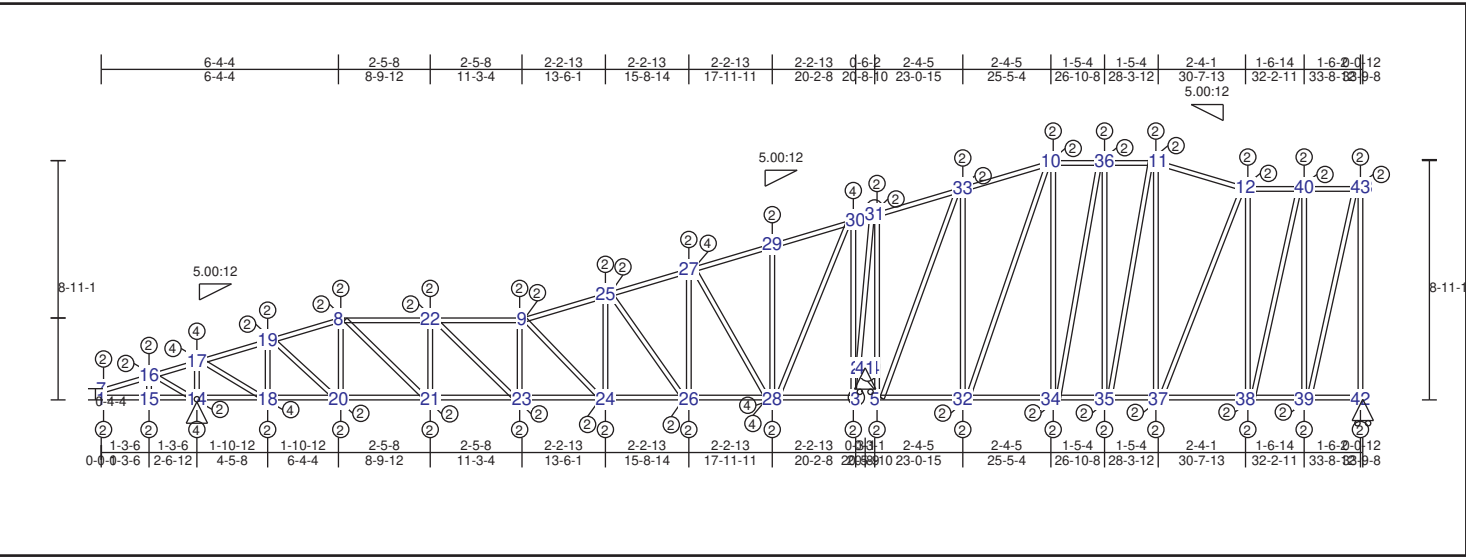
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
5-13 0.17 -480 lbs	1-21 0.01 0 lbs	4-8 0.14 -642 lbs
13-15 0.14 -480 lbs	8-21 0.30 146 lbs	9-10 0.08 -371 lbs
15-17 0.21 -467 lbs	8-9 0.35 312 lbs	5-11 0.02 177 lbs
17-18 0.35 -397 lbs	9-11 0.19 361 lbs	12-13 0.03 -178 lbs
18-20 0.35 249 lbs	11-12 0.13 -436 lbs	14-15 0.04 -217 lbs
6-20 0.16 75 lbs	12-14 0.14 -462 lbs	16-17 0.09 -539 lbs
4-10 0.28 -312 lbs	14-16 0.29 -462 lbs	7-18 0.12 -755 lbs
5-10 0.23 -361 lbs	7-16 0.29 -393 lbs	19-20 0.01 92 lbs
3-22 0.00 0 lbs	7-19 0.17 212 lbs	2-6 0.01 -36 lbs
4-22 0.39 215 lbs	2-19 0.17 -14 lbs	21-22 0.13 -571 lbs
		4-9 0.10 442 lbs
		10-11 0.04 -191 lbs
		5-12 0.05 -245 lbs
		12-15 0.01 64 lbs
		14-17 0.03 317 lbs
		16-18 0.07 670 lbs
		7-20 0.04 -273 lbs
		8-22 0.13 647 lbs

TRUSS RT42 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (29 - 30)	TL(V): 0.02 in.	L / 999	(33-10)	L / 240
BC :	0.74 (2 - 4)	LL(V): 0.01 in.	L / 999	(33-10)	L / 360
Web :	0.71 (2 - 30)	DL(V): 0 in.	L / 999	9	L / 0
		Cant / OH TL: 0.01 in.	2L / 999	(33-10)	2L / 360
		Cant / OH LL: 0.01 in.	2L / 999	(33-10)	2L / 360
		Horiz TL: -0.02 in.		5	
		Web :			
		Snow/Wind 0 in.	L / 999	(7-16)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		0 lbs	1710 lbs	0 lbs	-430 lbs	0 lbs
14	Pin		390 lbs	1210 lbs	0 lbs	-170 lbs	390 lbs
42	HRoll		0 lbs	680 lbs	0 lbs	-130 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
8'-11"-12	33'-9"-8

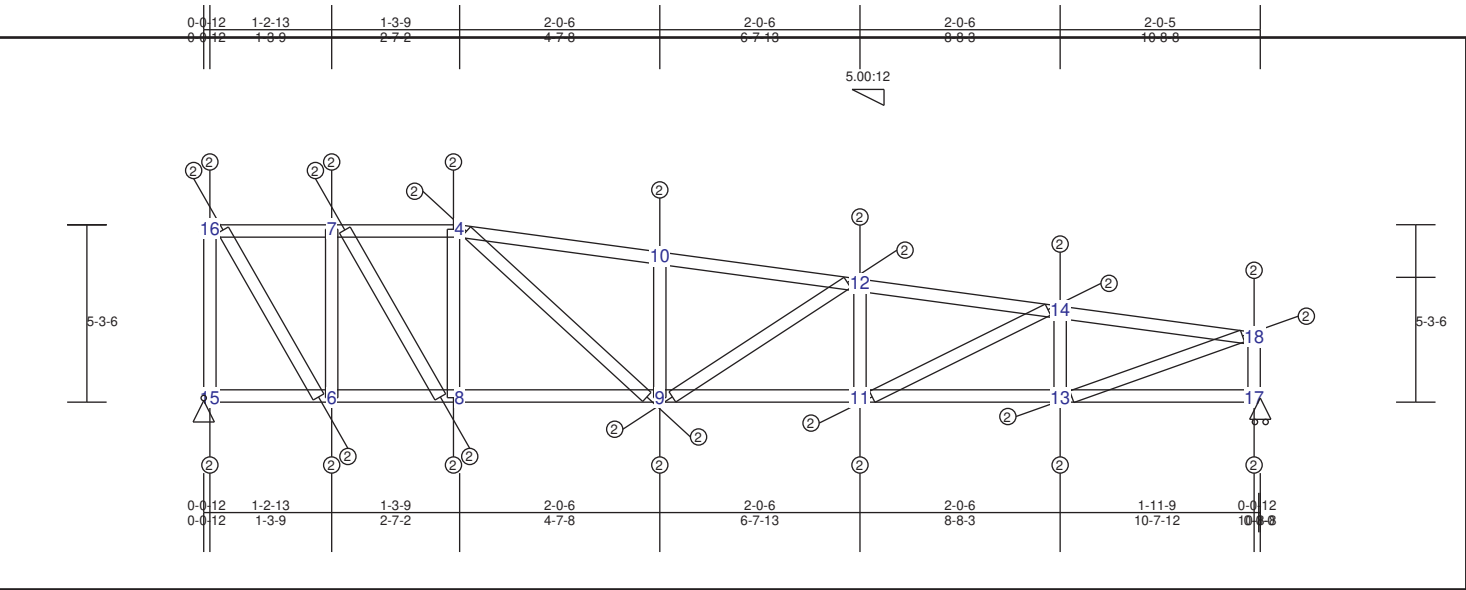
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-16	0.15	77 lbs	-28 lbs	2-4	0.74	-34 lbs	-34 lbs	1-7	0.01	-39 lbs	-39 lbs	8-21	0.06	602 lbs	-272 lbs
16-17	0.53	235 lbs	-194 lbs	5-32	0.45	163 lbs	-135 lbs	15-16	0.01	98 lbs	-87 lbs	22-23	0.02	177 lbs	-18 lbs
17-19	0.49	-856 lbs	-856 lbs	32-34	0.17	228 lbs	-177 lbs	14-17	0.18	-1115 lbs	-1115 lbs	9-24	0.13	-648 lbs	-648 lbs
8-19	0.33	-954 lbs	-954 lbs	34-35	0.08	246 lbs	-189 lbs	18-19	0.11	-685 lbs	-685 lbs	25-26	0.19	-777 lbs	-777 lbs
8-22	0.55	-1202 lbs	-1202 lbs	35-37	0.06	246 lbs	-189 lbs	8-20	0.05	-273 lbs	-273 lbs	27-28	0.27	-882 lbs	-882 lbs
9-22	0.50	-1306 lbs	-1306 lbs	37-38	0.10	242 lbs	-182 lbs	21-22	0.09	-486 lbs	-486 lbs	28-30	0.46	1039 lbs	-927 lbs
9-25	0.32	-1202 lbs	-1202 lbs	38-39	0.42	200 lbs	-153 lbs	9-23	0.02	-88 lbs	-88 lbs	2-31	0.12	-334 lbs	-334 lbs
25-27	0.44	-766 lbs	-766 lbs	39-42	0.42	116 lbs	-89 lbs	24-25	0.10	557 lbs	-458 lbs	5-33	0.46	-684 lbs	-684 lbs
27-29	0.44	-329 lbs	-329 lbs	6-42	0.01	0 lbs	0 lbs	26-27	0.18	768 lbs	-662 lbs	10-32	0.23	-273 lbs	-273 lbs
29-30	0.59	-479 lbs	-479 lbs	1-15	0.19	-14 lbs	-14 lbs	28-29	0.08	-215 lbs	-215 lbs	34-36	0.12	-153 lbs	-153 lbs
30-31	0.41	-132 lbs	-132 lbs	14-15	0.19	-457 lbs	-457 lbs	2-3	0.10	-46 lbs	-46 lbs	11-35	0.05	-56 lbs	-56 lbs
31-33	0.33	-352 lbs	-352 lbs	14-18	0.37	-931 lbs	-931 lbs	2-30	0.71	-1078 lbs	-1078 lbs	12-37	0.08	154 lbs	-116 lbs
10-33	0.26	-293 lbs	-293 lbs	18-20	0.37	-1029 lbs	-1029 lbs	4-5	0.09	612 lbs	-483 lbs	38-40	0.27	545 lbs	-415 lbs
10-36	0.11	262 lbs	-246 lbs	20-21	0.27	1202 lbs	-1189 lbs	4-31	0.33	612 lbs	-483 lbs	39-43	0.38	746 lbs	-573 lbs
11-36	0.12	262 lbs	-246 lbs	21-23	0.27	1306 lbs	-1189 lbs	32-33	0.13	324 lbs	-210 lbs				
11-12	0.35	-325 lbs	-325 lbs	23-24	0.28	1306 lbs	-1149 lbs	10-34	0.10	163 lbs	-119 lbs				
12-40	0.36	-200 lbs	-200 lbs	24-26	0.39	938 lbs	-836 lbs	35-36	0.02	50 lbs	-25 lbs				
40-43	0.50	-116 lbs	-116 lbs	26-28	0.64	589 lbs	-533 lbs	11-37	0.10	-127 lbs	-127 lbs				
13-43	0.33	0 lbs	0 lbs	3-28	0.56	257 lbs	-240 lbs	12-38	0.30	-471 lbs	-471 lbs				
								39-40	0.50	-779 lbs	-779 lbs				
								42-43	0.46	-706 lbs	-706 lbs				
								14-16	0.04	249 lbs	-241 lbs				
								17-18	0.10	1036 lbs	-620 lbs				
								19-20	0.04	392 lbs	-160 lbs				

TRUSS RT43 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (16 - 7)	TL(V): 0 in.	L / 999	(3-16)	L / 240
BC : 0.36 (15 - 6)	LL(V): 0 in.	L / 999	(3-16)	L / 360
Web : 0.21 (6 - 7)	DL(V): 0 in.	L / 999	(3-16)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		10	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-16)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
15	Pin		-170 lbs	570 lbs	0 lbs	-150 lbs	-170 lbs
17	HRoll		0 lbs	570 lbs	0 lbs	-40 lbs	0 lbs
Materials					Material Exceptions		
Type	Material	Bracing			Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions
Max Height 5'-3-6
Max Width 10'-8-8

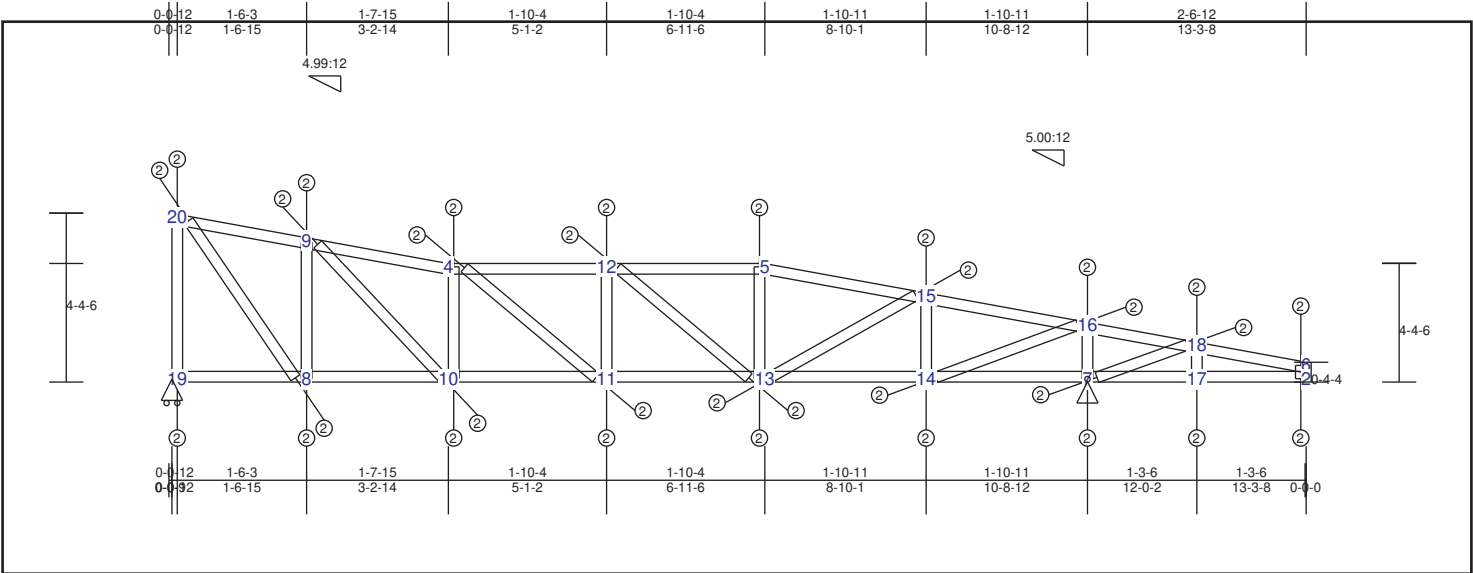
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-16	0.28	0 lbs	0 lbs	1-15	0.03	285 lbs	-80 lbs	6-7	0.21	-682 lbs	-682 lbs
7-16	0.42	-119 lbs	-119 lbs	6-15	0.36	285 lbs	-80 lbs	4-8	0.13	445 lbs	-417 lbs
4-7	0.31	-206 lbs	-206 lbs	6-8	0.36	206 lbs	-47 lbs	9-10	0.06	-252 lbs	-252 lbs
4-10	0.28	-433 lbs	-433 lbs	8-9	0.26	349 lbs	-78 lbs	11-12	0.02	-76 lbs	-76 lbs
10-12	0.22	-433 lbs	-433 lbs	9-11	0.21	416 lbs	-182 lbs	13-14	0.07	-404 lbs	-404 lbs
12-14	0.27	-493 lbs	-493 lbs	11-13	0.22	416 lbs	-201 lbs	17-18	0.10	-580 lbs	-580 lbs
14-18	0.40	-480 lbs	-480 lbs	13-17	0.22	361 lbs	-201 lbs	15-16	0.18	-596 lbs	-596 lbs
5-18	0.25	-222 lbs	-222 lbs	2-17	0.00	0 lbs	0 lbs	7-8	0.15	-486 lbs	-486 lbs
								4-9	0.16	-483 lbs	-483 lbs
								9-12	0.03	234 lbs	-152 lbs
								11-14	0.01	101 lbs	-9 lbs
								6-16	0.19	654 lbs	-618 lbs
								13-18	0.05	536 lbs	-298 lbs

TRUSS RT44 (spacing 24 in)



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

Max CSI Summary	Deflection	L / 999	(Loc)	Max. Allowed
TC : 0.39 (20 - 9)	TL(V): 0 in.	L / 999	(5-15)	L / 240
BC : 0.37 (19 - 8)	LL(V): 0 in.	L / 999	(5-15)	L / 360
Web : 0.15 (20 - 8)	DL(V): 0 in.	L / 999	(5-15)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: -0.01 in.		6	
	Web :			
	Snow/Wind 0 in.	L / 999	(5-15)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
7	Pin		-210 lbs	870 lbs	0 lbs	-110 lbs	-210 lbs
19	HRoll		0 lbs	550 lbs	0 lbs	-140 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
4'-4" 6"	13'-4" 1"

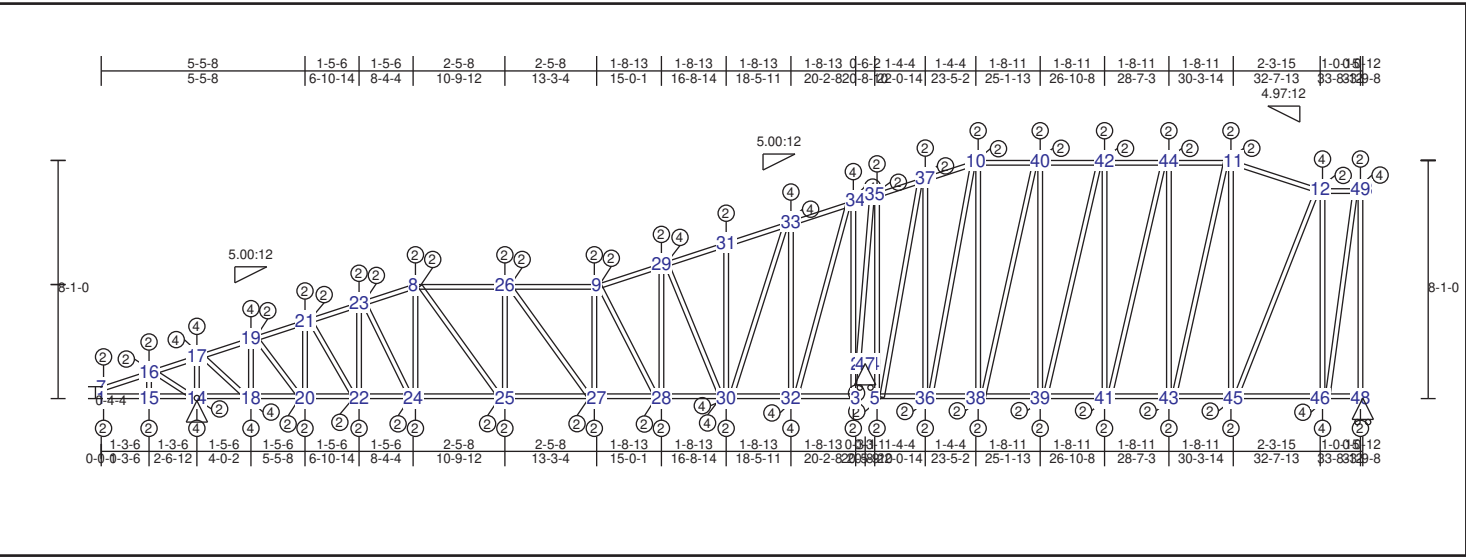
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-15	0.24	-481 lbs	-481 lbs	1-19	0.01	0 lbs	0 lbs	8-9	0.14	-688 lbs	-688 lbs
15-16	0.32	-441 lbs	-441 lbs	6-19	0.37	196 lbs	-173 lbs	4-10	0.08	-461 lbs	-461 lbs
16-18	0.36	246 lbs	-138 lbs	8-10	0.37	403 lbs	-351 lbs	11-12	0.02	171 lbs	-98 lbs
6-18	0.16	76 lbs	-27 lbs	10-11	0.23	473 lbs	-447 lbs	5-13	0.00	24 lbs	-16 lbs
4-12	0.18	-473 lbs	-473 lbs	11-13	0.10	473 lbs	-447 lbs	14-15	0.07	-441 lbs	-441 lbs
5-12	0.18	-473 lbs	-473 lbs	13-14	0.24	-442 lbs	-442 lbs	7-16	0.12	-753 lbs	-753 lbs
3-20	0.00	0 lbs	0 lbs	7-14	0.24	-430 lbs	-430 lbs	17-18	0.01	95 lbs	-84 lbs
9-20	0.39	-281 lbs	-281 lbs	7-17	0.18	207 lbs	-205 lbs	2-6	0.01	-37 lbs	-37 lbs
4-9	0.32	-467 lbs	-467 lbs	2-17	0.18	-14 lbs	-14 lbs	19-20	0.13	-566 lbs	-566 lbs
								9-10	0.10	546 lbs	-479 lbs
								4-11	0.04	-211 lbs	-211 lbs
								12-13	0.03	-141 lbs	-141 lbs
								13-15	0.02	174 lbs	-42 lbs
								14-16	0.07	662 lbs	-385 lbs
								7-18	0.04	-265 lbs	-265 lbs
								8-20	0.15	688 lbs	-606 lbs

TRUSS RT45 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.53 (17 - 19)	TL(V): 0.01 in.	L / 999	(8-26)	L / 240
BC : 0.67 (2 - 4)	LL(V): 0.01 in.	L / 999	(8-26)	L / 360
Web : 0.61 (2 - 34)	DL(V): 0 in.	L / 999	9	L / 0
	Cant / OH TL: 0.01 in.	2L / 999	(8-26)	2L / 360
	Cant / OH LL: 0.01 in.	2L / 999	(8-26)	2L / 360
	Horiz TL: 0.01 in.		8	
	Web :			
	Snow/Wind 0 in.	L / 999	(7-16)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- This Truss has been designed in accordance with AISI 2016.
 - This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - Snow Criteria: None
 - For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table				Max Horizontal			
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		0 lbs	1680 lbs	0 lbs	-430 lbs	0 lbs
14	Pin	350 lbs	1220 lbs	0 lbs	-180 lbs	350 lbs	350 lbs
48	HRoll		0 lbs	690 lbs	0 lbs	-140 lbs	0 lbs

Materials				Material Exceptions			
Type	Material	Bracing		Section	Material	Bracing	
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions			
Max Height	Max Width		
8'-1-1	33'-9-8		

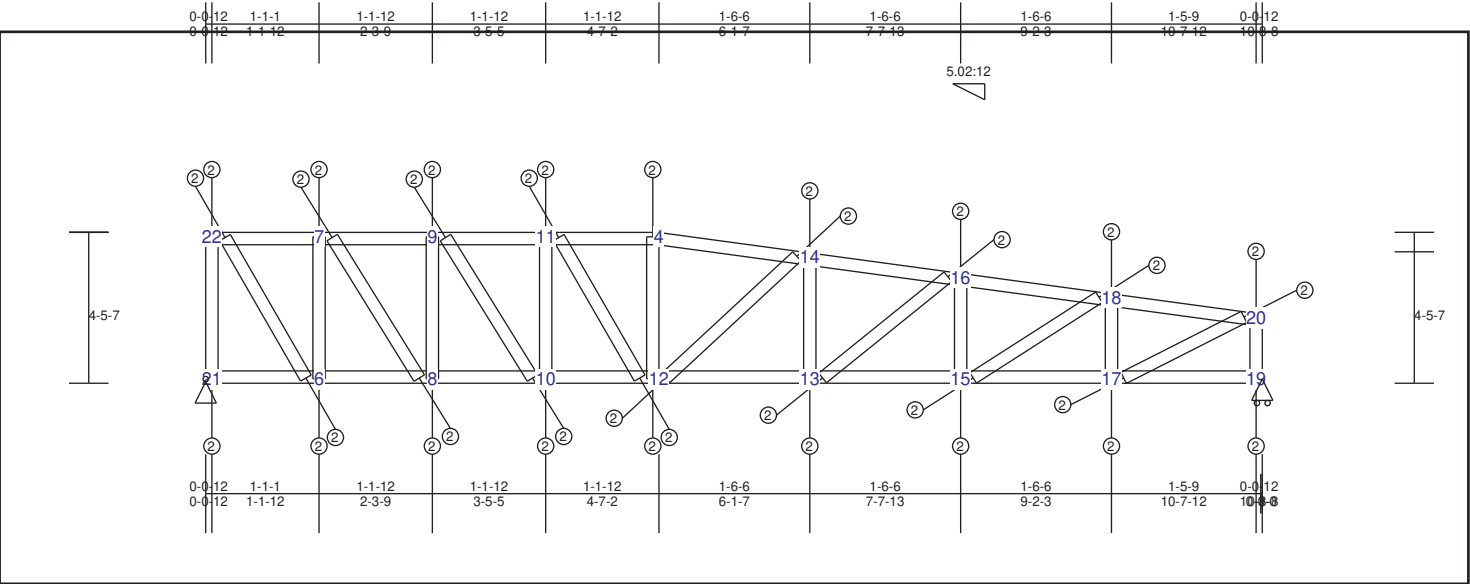
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
7-16	0.16	75 lbs	-27 lbs	2-4	0.67	-18 lbs	-18 lbs	1-7	0.01	-37 lbs	-37 lbs	14-16	0.04	253 lbs	-248 lbs
16-17	0.52	237 lbs	-196 lbs	5-36	0.46	111 lbs	-89 lbs	15-16	0.01	94 lbs	-83 lbs	17-18	0.11	1039 lbs	-657 lbs
17-19	0.53	-779 lbs	-779 lbs	36-38	0.27	186 lbs	-145 lbs	14-17	0.19	-1126 lbs	-1126 lbs	19-20	0.06	586 lbs	-321 lbs
19-21	0.32	-976 lbs	-976 lbs	38-39	0.20	252 lbs	-197 lbs	18-19	0.14	-836 lbs	-836 lbs	21-22	0.03	253 lbs	-71 lbs
21-23	0.24	-1005 lbs	-1005 lbs	39-41	0.08	279 lbs	-218 lbs	20-21	0.08	-450 lbs	-450 lbs	23-24	0.01	100 lbs	-28 lbs
8-23	0.23	-1005 lbs	-1005 lbs	41-43	0.15	279 lbs	-218 lbs	22-23	0.04	-207 lbs	-207 lbs	8-25	0.03	287 lbs	-72 lbs
8-26	0.45	-1038 lbs	-1038 lbs	43-45	0.18	268 lbs	-208 lbs	8-24	0.02	-93 lbs	-93 lbs	26-27	0.03	245 lbs	-108 lbs
9-26	0.41	-1038 lbs	-1038 lbs	45-46	0.21	217 lbs	-165 lbs	25-26	0.05	-242 lbs	-242 lbs	9-28	0.16	-717 lbs	-717 lbs
9-29	0.38	-828 lbs	-828 lbs	46-48	0.45	89 lbs	-69 lbs	9-27	0.05	-241 lbs	-241 lbs	29-30	0.23	-850 lbs	-850 lbs
29-31	0.42	-540 lbs	-540 lbs	6-48	0.02	0 lbs	0 lbs	28-29	0.16	751 lbs	-650 lbs	30-33	0.37	1038 lbs	-927 lbs
31-33	0.52	-540 lbs	-540 lbs	1-15	0.18	-14 lbs	-14 lbs	30-31	0.05	-168 lbs	-168 lbs	32-34	0.46	1063 lbs	-955 lbs
33-34	0.51	-387 lbs	-387 lbs	14-15	0.18	-385 lbs	-385 lbs	32-33	0.43	-1131 lbs	-1131 lbs	2-35	0.13	-373 lbs	-373 lbs
34-35	0.33	-144 lbs	-144 lbs	14-18	0.44	-811 lbs	-811 lbs	2-3	0.05	-26 lbs	-26 lbs	5-37	0.44	-748 lbs	-748 lbs
35-37	0.31	-361 lbs	-361 lbs	18-20	0.44	-975 lbs	-975 lbs	2-34	0.61	-997 lbs	-997 lbs	10-36	0.36	-530 lbs	-530 lbs
10-37	0.19	-344 lbs	-344 lbs	20-22	0.22	-1004 lbs	-1004 lbs	4-5	0.11	633 lbs	-493 lbs	38-40	0.26	-382 lbs	-382 lbs
10-40	0.22	269 lbs	-252 lbs	22-24	0.19	-1004 lbs	-1004 lbs	4-35	0.31	633 lbs	-493 lbs	39-42	0.11	-155 lbs	-155 lbs
40-42	0.12	290 lbs	-279 lbs	24-25	0.19	1038 lbs	-1003 lbs	36-37	0.26	602 lbs	-445 lbs	41-44	0.04	63 lbs	-58 lbs
42-44	0.17	290 lbs	-279 lbs	25-27	0.21	1038 lbs	-1003 lbs	10-38	0.21	397 lbs	-308 lbs	11-43	0.17	299 lbs	-250 lbs
11-44	0.23	279 lbs	-268 lbs	27-28	0.36	985 lbs	-882 lbs	39-40	0.09	179 lbs	-131 lbs	12-45	0.19	433 lbs	-326 lbs
11-12	0.39	-316 lbs	-316 lbs	28-30	0.56	717 lbs	-646 lbs	41-42	0.02	38 lbs	-31 lbs	46-49	0.34	847 lbs	-651 lbs
12-49	0.53	-89 lbs	-89 lbs	30-32	0.61	456 lbs	-415 lbs	43-44	0.19	-285 lbs	-285 lbs				
13-49	0.34	0 lbs	0 lbs	3-32	0.61	205 lbs	-191 lbs	11-45	0.25	-381 lbs	-381 lbs				
								12-46	0.43	-828 lbs	-828 lbs				
								48-49	0.39	-741 lbs	-741 lbs				

TRUSS RT46 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (22 - 7)	TL(V): 0 in.	L / 999	(3-22)	L / 240
BC : 0.37 (21 - 6)	LL(V): 0 in.	L / 999	(3-22)	L / 360
Web : 0.17 (6 - 7)	DL(V): 0 in.	L / 999	(3-22)	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.		14	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-22)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
19	HRoll		0 lbs	570 lbs	0 lbs	-60 lbs	0 lbs
21	Pin		-130 lbs	560 lbs	0 lbs	-150 lbs	-130 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-5-7	10-8-8

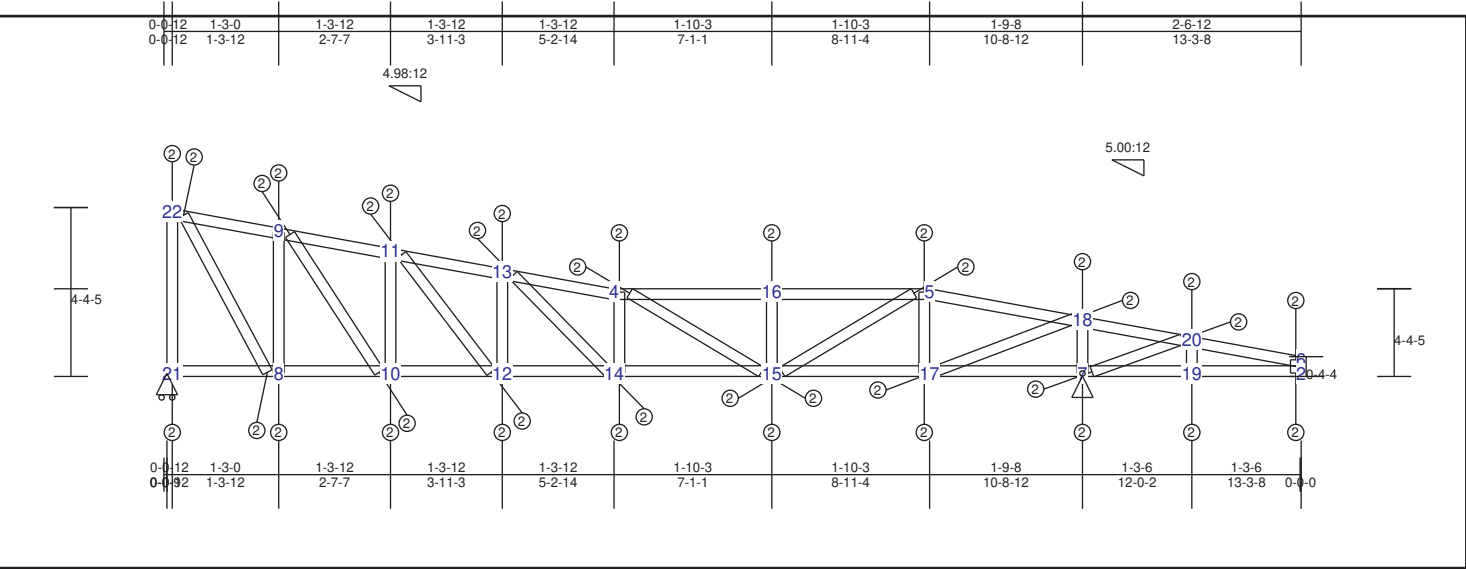
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-22	0.28	0 lbs	0 lbs	1-21	0.02	215 lbs	-60 lbs	6-7	0.17	-713 lbs	-713 lbs
7-22	0.42	-124 lbs	-124 lbs	6-21	0.37	215 lbs	-60 lbs	8-9	0.11	-473 lbs	-473 lbs
7-9	0.30	-229 lbs	-229 lbs	6-8	0.37	229 lbs	-28 lbs	10-11	0.08	359 lbs	-347 lbs
9-11	0.20	-299 lbs	-299 lbs	8-10	0.23	299 lbs	-77 lbs	4-12	0.01	-35 lbs	-35 lbs
4-11	0.17	-335 lbs	-335 lbs	10-12	0.17	335 lbs	-115 lbs	13-14	0.03	-120 lbs	-120 lbs
4-14	0.14	-398 lbs	-398 lbs	12-13	0.14	400 lbs	-187 lbs	15-16	0.03	-158 lbs	-158 lbs
14-16	0.13	-468 lbs	-468 lbs	13-15	0.08	404 lbs	-226 lbs	17-18	0.08	-489 lbs	-489 lbs
16-18	0.21	-468 lbs	-468 lbs	15-17	0.26	404 lbs	-226 lbs	19-20	0.10	-586 lbs	-586 lbs
18-20	0.41	-452 lbs	-452 lbs	17-19	0.26	303 lbs	-189 lbs	21-22	0.14	-596 lbs	-596 lbs
5-20	0.25	-225 lbs	-225 lbs	2-19	0.01	0 lbs	0 lbs	7-8	0.12	530 lbs	-480 lbs
								9-10	0.09	355 lbs	-353 lbs
								11-12	0.06	-244 lbs	-244 lbs
								12-14	0.04	260 lbs	-197 lbs
								13-16	0.01	105 lbs	-28 lbs
								15-18	0.02	224 lbs	-89 lbs
								17-20	0.06	562 lbs	-350 lbs
								6-22	0.15	677 lbs	-591 lbs

TRUSS RT47 (spacing 24 in)



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

Max CSI Summary		Deflection	L /	(Loc)	Max. Allowed
TC :	0.39 (22 - 9)	TL(V): 0 in.	L / 999	(3-22)	L / 240
BC :	0.39 (21 - 8)	LL(V): 0 in.	L / 999	(3-22)	L / 360
Web :	0.15 (8 - 9)	DL(V): 0 in.	L / 999	(5-18)	L / 0
		Cant / OH TL: 0 in.	2L / 125	(3-22)	2L / 360
		Cant / OH LL: 0 in.	2L / 125	(3-22)	2L / 360
		Horiz TL: 0.01 in.		3	
		Web :			
		Snow/Wind 0 in.	L / 999	(5-18)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
7	Pin		-210 lbs	870 lbs	0 lbs	-110 lbs	-210 lbs
21	HRoll		0 lbs	550 lbs	0 lbs	-130 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-4-6	13-4-1

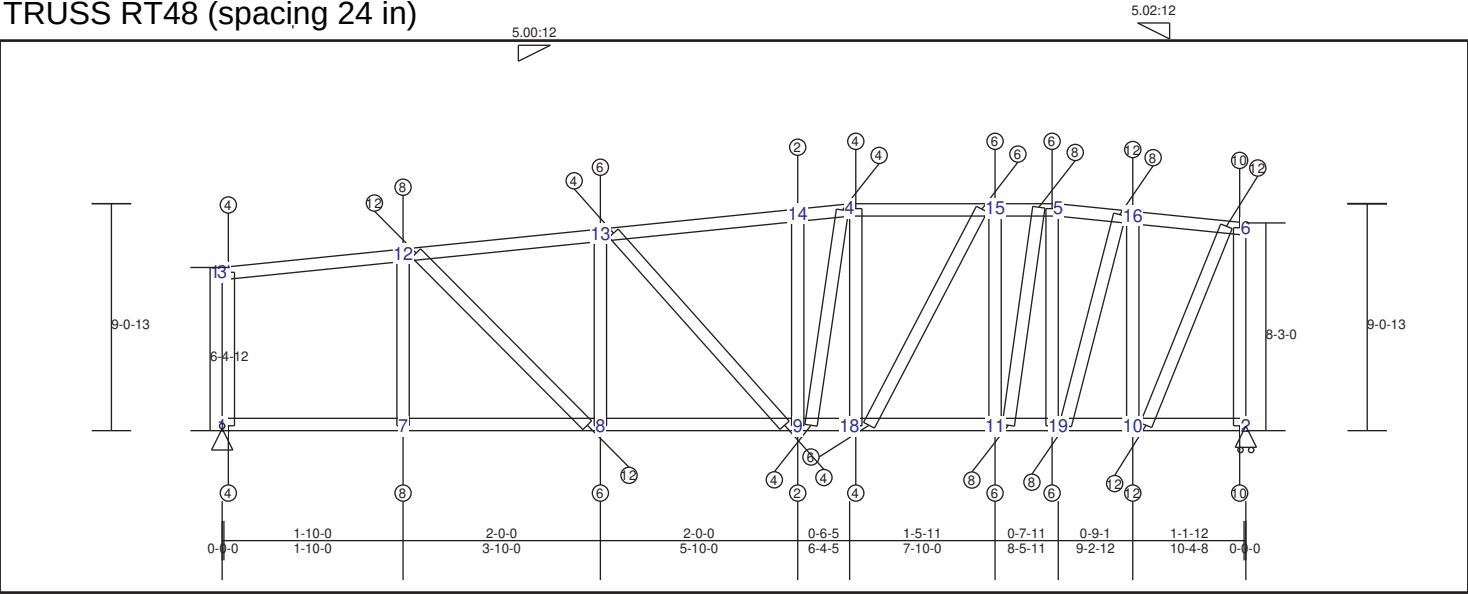
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-18	0.34	-318 lbs	-318 lbs	1-21	0.01	0 lbs	0 lbs	8-9	0.15	-725 lbs	-725 lbs
18-20	0.38	240 lbs	-134 lbs	8-21	0.39	158 lbs	-141 lbs	10-11	0.11	-561 lbs	-561 lbs
6-20	0.16	76 lbs	-27 lbs	8-10	0.39	327 lbs	-290 lbs	12-13	0.09	-495 lbs	-495 lbs
4-16	0.21	-656 lbs	-656 lbs	10-12	0.28	494 lbs	-435 lbs	4-14	0.05	-313 lbs	-313 lbs
5-16	0.34	-562 lbs	-562 lbs	12-14	0.25	656 lbs	-570 lbs	15-16	0.04	-227 lbs	-227 lbs
3-22	0.00	0 lbs	0 lbs	14-15	0.17	656 lbs	-570 lbs	5-17	0.07	-433 lbs	-433 lbs
9-22	0.39	-238 lbs	-238 lbs	15-17	0.23	562 lbs	-558 lbs	7-18	0.12	-755 lbs	-755 lbs
9-11	0.30	-397 lbs	-397 lbs	7-17	0.19	-402 lbs	-402 lbs	19-20	0.01	95 lbs	-84 lbs
11-13	0.23	-580 lbs	-580 lbs	7-19	0.18	201 lbs	-195 lbs	2-6	0.01	-38 lbs	-38 lbs
4-13	0.23	-737 lbs	-737 lbs	2-19	0.18	-14 lbs	-14 lbs	21-22	0.14	-573 lbs	-573 lbs
								9-10	0.12	620 lbs	-548 lbs
								11-12	0.09	528 lbs	-458 lbs
								13-14	0.07	412 lbs	-364 lbs
								4-15	0.03	-159 lbs	-159 lbs
								5-15	0.05	500 lbs	-281 lbs
								17-18	0.06	612 lbs	-353 lbs
								7-20	0.04	255 lbs	-253 lbs
								8-22	0.15	694 lbs	-619 lbs

TRUSS RT48 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (12 - 13)	TL(V): 1.66 in.	L / 999	(3-12)	L / 240
BC :	0.90 (1 - 7)	LL(V): 1 in.	L / 999	(3-12)	L / 360
Web :	0.89 (10 - 16)	DL(V): 0.67 in.	L / 999	(3-12)	L / 0
		Cant / OH TL: 0.75 in.	2L / 999	(3-12)	2L / 360
		Cant / OH LL: 0.75 in.	2L / 999	(3-12)	2L / 360
		Horiz TL: -2.12 in.		3	
		Web :			
		Snow/Wind 0.54 in.	L / 999	(3-12)	L / 360
		Cant (Snow/Wind) 0.41 in.	L / 999	(3-12)	L / 360

Load Summary
1) This Truss has been designed in accordance with AISI 2016.
2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
4) Snow Criteria: None
5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
P.Point	Type						
1	Pin		0 lbs	2800 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	3450 lbs	0 lbs	0 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	550S150-54(50)	Sheathing	
Bot Chd	550S150-54(50)	Sheathing	
Web	550S150-54(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
9-1-6	10-4-8

Material Design **Pass**

Point Loads		End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
Member	Start Loc								
WB7-12	7-0-10	7-0-10	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB8-13	7-10-10	7-10-10	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB9-14	8-8-10	8-8-10	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB11-15	8-11-5	8-11-5	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB10-16	8-7-7	8-7-7	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB8-13	0-0-0	0-0-0	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB11-15	0-0-0	0-0-0	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB10-16	0-0-0	0-0-0	Concentrated	Dead	Down	Global	280 lbs	280 lbs	0 in.
WB7-12	7-0-10	7-0-10	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB8-13	7-10-10	7-10-10	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB9-14	8-8-10	8-8-10	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB11-15	8-11-5	8-11-5	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB10-16	8-7-7	8-7-7	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB8-13	0-0-0	0-0-0	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.

TRUSS RT48 (spacing 24 in)

Point Loads

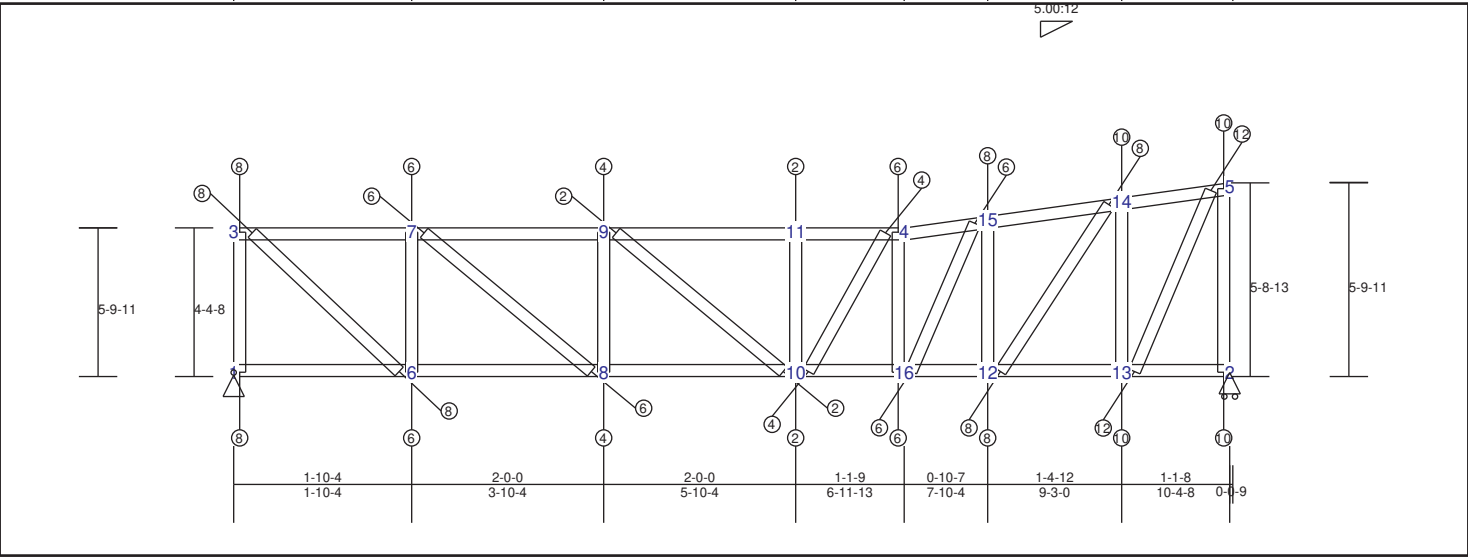
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB11-15	0-0-0	0-0-0	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB10-16	0-0-0	0-0-0	Concentrated	Live	Down	Global	420 lbs	420 lbs	0 in.
WB7-12	7-0-10	7-0-10	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB8-13	7-10-10	7-10-10	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB9-14	8-8-10	8-8-10	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB11-15	8-11-5	8-11-5	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB10-16	8-7-7	8-7-7	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB8-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB11-15	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB10-16	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB7-12	7-0-10	7-0-10	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB8-13	7-10-10	7-10-10	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB9-14	8-8-10	8-8-10	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB11-15	8-11-5	8-11-5	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB10-16	8-7-7	8-7-7	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB8-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB11-15	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB10-16	0-0-0	0-0-0	Concentrated	Wind	Down	Global	546 lbs	546 lbs	0 in.
WB7-12	7-0-10	7-0-10	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB8-13	7-10-10	7-10-10	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB9-14	8-8-10	8-8-10	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB11-15	8-11-5	8-11-5	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB10-16	8-7-7	8-7-7	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.
WB8-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.
WB9-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.
WB11-15	0-0-0	0-0-0	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.
WB10-16	0-0-0	0-0-0	Concentrated	Wind	Down	Global	154 lbs	154 lbs	0 in.

Member Forces Summary

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

Top Chord					Bot Chord					Web				
4-15	0.63	-917 lbs	-917 lbs		1-7	0.90	0 lbs	0 lbs		7-12	0.64	-2778 lbs	-2778 lbs	
5-15	0.71	-708 lbs	-708 lbs		7-8	0.90	1143 lbs	0 lbs		8-13	0.88	-1844 lbs	-1844 lbs	
3-12	0.81	-1328 lbs	-1328 lbs		8-9	0.67	1143 lbs	0 lbs		9-14	0.02	358 lbs	0 lbs	
12-13	0.86	-1328 lbs	-1328 lbs		9-18	0.52	950 lbs	0 lbs		4-18	0.72	-1182 lbs	-1182 lbs	
13-14	0.71	-1227 lbs	-1227 lbs		11-18	0.75	917 lbs	0 lbs		11-15	0.79	-2426 lbs	-2426 lbs	
4-14	0.59	-878 lbs	-878 lbs		11-19	0.75	708 lbs	0 lbs		5-19	0.71	-2057 lbs	-2057 lbs	
5-16	0.65	-1601 lbs	-1601 lbs		10-19	0.81	619 lbs	0 lbs		10-16	0.89	-4330 lbs	-4330 lbs	
6-16	0.73	-1601 lbs	-1601 lbs		2-10	0.81	427 lbs	0 lbs		1-3	0.39	-1223 lbs	-1223 lbs	
										2-6	0.82	-3693 lbs	-3693 lbs	
										8-12	0.30	4861 lbs	0 lbs	
										9-13	0.46	-912 lbs	-912 lbs	
										4-9	0.06	933 lbs	0 lbs	
										15-18	0.10	1659 lbs	0 lbs	
										5-11	0.16	2599 lbs	0 lbs	
										16-19	0.19	3078 lbs	0 lbs	
										6-10	0.27	4365 lbs	0 lbs	

TRUSS RT49 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (14 - 5)	TL(V): 0.02 in.	L / 999 (3-7)	L / 240
BC : 0.88 (12 - 13)	LL(V): 0.01 in.	L / 999 (3-7)	L / 360
Web : 0.88 (13 - 14)	DL(V): 0.01 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: 0.03 in.		
	Web :		
	Snow/Wind 0 in.	L / 999 3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

Load Summary
1) This Truss has been designed in accordance with AISI 2016.
2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3) Wind Criteria: Code: ASCE 7-10, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5:00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end 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

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		0 lbs	2460 lbs	0 lbs	0 lbs	0 lbs
2	HRoll		0 lbs	3040 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	550S150-54(50)	Sheathing			
Bot Chd	550S150-54(50)	Sheathing			
Web	550S150-54(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-9-11	10-5-1

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB6-7	0-0-0	0-0-0	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB6-7	4-3-4	4-3-4	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB8-9	4-3-4	4-3-4	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB8-9	0-0-0	0-0-0	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB10-11	4-3-4	4-3-4	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB12-15	4-7-9	4-7-9	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB12-15	0-0-0	0-0-0	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB13-14	5-2-8	5-2-8	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB13-14	0-0-0	0-0-0	Concentrated	Dead	Down	Global	220 lbs	220 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB6-7	4-3-4	4-3-4	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB8-9	4-3-4	4-3-4	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB8-9	0-0-0	0-0-0	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB10-11	4-3-4	4-3-4	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB12-15	4-7-9	4-7-9	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB12-15	0-0-0	0-0-0	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB13-14	5-2-8	5-2-8	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB13-14	0-0-0	0-0-0	Concentrated	Live	Down	Global	330 lbs	330 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB6-7	4-3-4	4-3-4	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.

TRUSS RT49 (spacing 24 in)

Point Loads

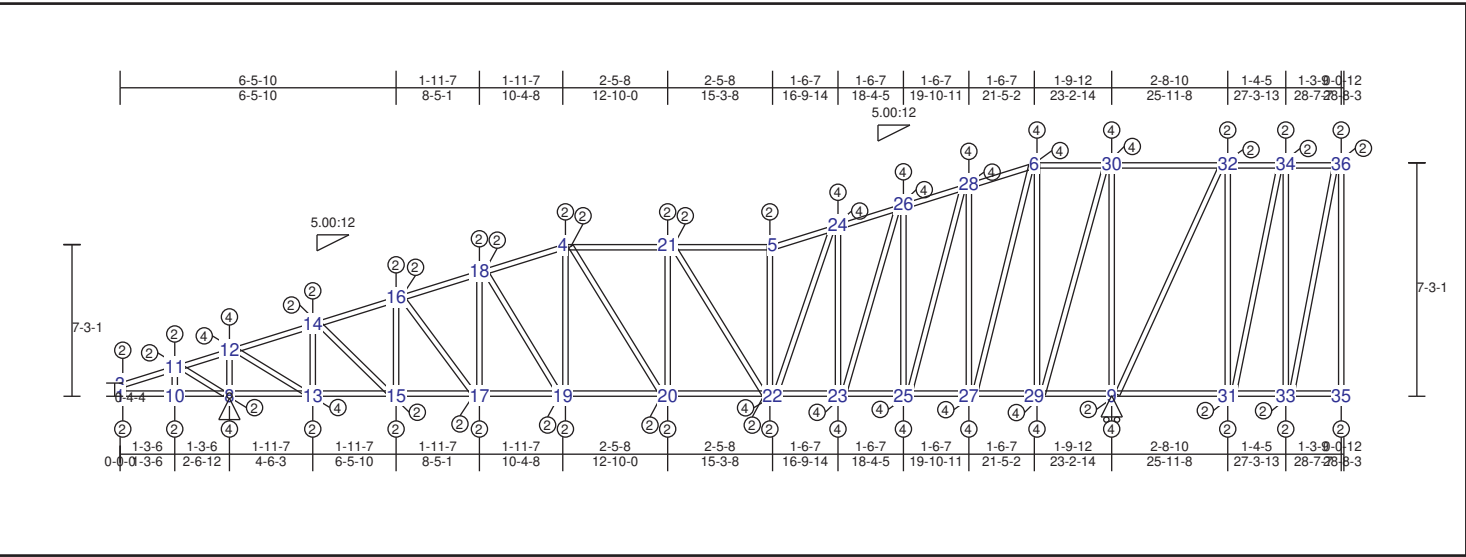
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB8-9	4-3-4	4-3-4	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB8-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB10-11	4-3-4	4-3-4	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB12-15	4-7-9	4-7-9	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB12-15	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB13-14	5-2-8	5-2-8	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB13-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB6-7	4-3-4	4-3-4	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB8-9	4-3-4	4-3-4	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB8-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB10-11	4-3-4	4-3-4	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB12-15	4-7-9	4-7-9	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB12-15	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB13-14	5-2-8	5-2-8	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB13-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	429 lbs	429 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB6-7	4-3-4	4-3-4	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB8-9	4-3-4	4-3-4	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB8-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB10-11	0-0-0	0-0-0	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB10-11	4-3-4	4-3-4	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB12-15	4-7-9	4-7-9	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB12-15	0-0-0	0-0-0	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB13-14	5-2-8	5-2-8	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.
WB13-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	121 lbs	121 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.81	-1015 lbs	-1015 lbs	1-6	0.84	1015 lbs	0 lbs	1-3	0.44	-2550 lbs	-2550 lbs
7-9	0.75	-1659 lbs	-1659 lbs	6-8	0.84	1659 lbs	0 lbs	6-7	0.42	-2434 lbs	-2434 lbs
9-11	0.25	-1773 lbs	-1773 lbs	8-10	0.56	1773 lbs	0 lbs	8-9	0.15	-861 lbs	-861 lbs
4-11	0.49	-1773 lbs	-1773 lbs	10-16	0.76	1773 lbs	0 lbs	10-11	0.11	-652 lbs	-652 lbs
4-15	0.70	-1748 lbs	-1748 lbs	12-16	0.78	1560 lbs	0 lbs	4-16	0.32	-1855 lbs	-1855 lbs
14-15	0.74	-1476 lbs	-1476 lbs	12-13	0.88	1277 lbs	0 lbs	12-15	0.47	-2497 lbs	-2497 lbs
5-14	0.85	1252 lbs	-908 lbs	2-13	0.88	590 lbs	0 lbs	13-14	0.88	-3891 lbs	-3891 lbs
								2-5	0.85	-3255 lbs	-3255 lbs
								3-6	0.19	3045 lbs	0 lbs
								7-8	0.11	1726 lbs	0 lbs
								9-10	0.02	304 lbs	0 lbs
								4-10	0.07	1168 lbs	0 lbs
								15-16	0.12	1994 lbs	0 lbs
								12-14	0.20	3243 lbs	0 lbs
								5-13	0.27	4240 lbs	0 lbs

TRUSS RT50 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.67 (6 - 30)	TL(V): 0.02 in.	L / 999	(4-21)	L / 240
BC : 0.67 (29 - 9)	LL(V): 0.01 in.	L / 999	(4-21)	L / 360
Web : 0.71 (9 - 30)	DL(V): 0 in.	L / 999	(5-24)	L / 0
	Cant / OH TL: 0 in.	2L / 999	(3-11)	2L / 360
	Cant / OH LL: 0 in.	2L / 999	(3-11)	2L / 360
	Horiz TL: 0.02 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	(28-6)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
8	Pin			350 lbs	1320 lbs	0 lbs	-210 lbs
9	HRoll			0 lbs	1730 lbs	0 lbs	-440 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-3-2	28-8-3

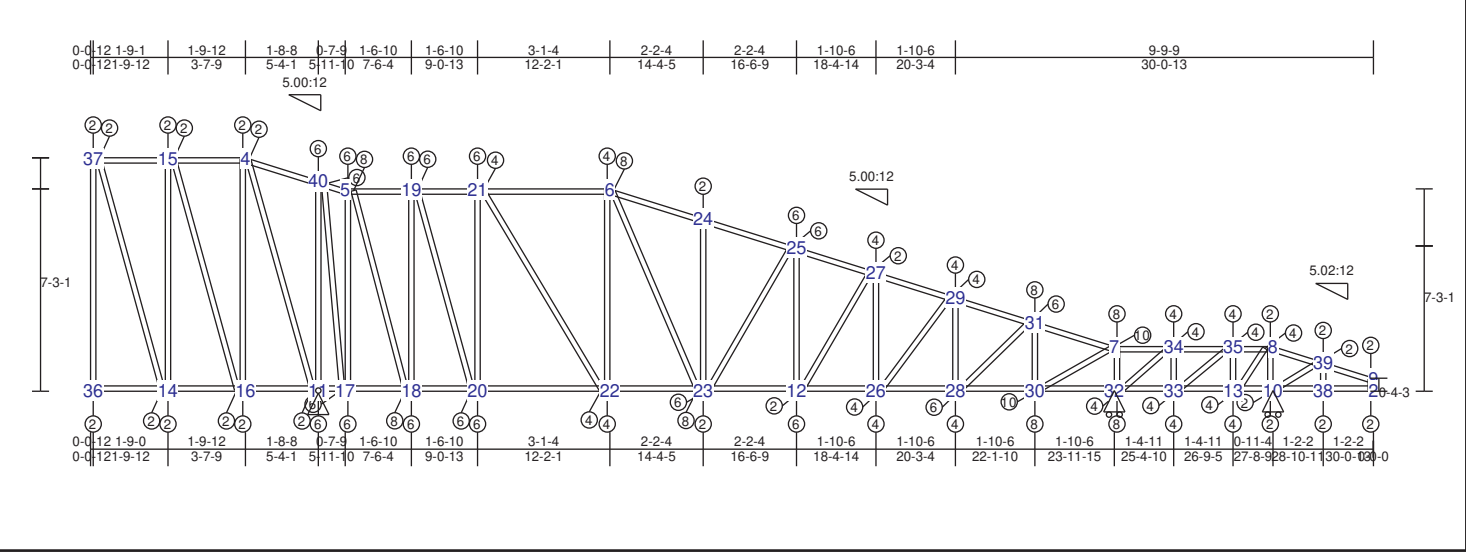
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
3-11 0.15 77 lbs -28 lbs	1-10 0.19 -14 lbs -14 lbs	1-3 0.01 -39 lbs -39 lbs	23-26 0.37 1068 lbs -956 lbs
11-12 0.59 -244 lbs -244 lbs	8-10 0.19 -398 lbs -398 lbs	10-11 0.01 99 lbs -88 lbs	25-28 0.47 1128 lbs -1016 lbs
12-14 0.53 -1000 lbs -1000 lbs	8-13 0.40 -981 lbs -981 lbs	8-12 0.20 -1232 lbs -1232 lbs	6-27 0.64 1275 lbs -1150 lbs
14-16 0.34 -1174 lbs -1174 lbs	13-15 0.40 -1133 lbs -1133 lbs	13-14 0.12 -750 lbs -750 lbs	29-30 0.58 1149 lbs -1027 lbs
16-18 0.30 -1180 lbs -1180 lbs	15-17 0.20 -1133 lbs -1133 lbs	15-16 0.06 -335 lbs -335 lbs	31-34 0.14 -260 lbs -260 lbs
4-18 0.28 -1133 lbs -1133 lbs	17-19 0.23 -1116 lbs -1116 lbs	17-18 0.01 -66 lbs -66 lbs	33-36 0.05 -93 lbs -93 lbs
4-21 0.43 -1048 lbs -1048 lbs	19-20 0.21 1048 lbs -1019 lbs	4-19 0.05 -207 lbs -207 lbs	9-32 0.26 -439 lbs -439 lbs
5-21 0.37 -1048 lbs -1048 lbs	20-22 0.39 1048 lbs -1004 lbs	20-21 0.02 -73 lbs -73 lbs	
5-24 0.48 -1063 lbs -1063 lbs	22-23 0.54 947 lbs -868 lbs	5-22 0.15 -600 lbs -600 lbs	
24-26 0.47 -841 lbs -841 lbs	23-25 0.55 713 lbs -659 lbs	23-24 0.32 -1054 lbs -1054 lbs	
26-28 0.54 -589 lbs -589 lbs	25-27 0.61 487 lbs -457 lbs	25-26 0.41 -1090 lbs -1090 lbs	
6-28 0.62 386 lbs -373 lbs	27-29 0.61 271 lbs -262 lbs	27-28 0.56 -1224 lbs -1224 lbs	
6-30 0.67 194 lbs -156 lbs	9-29 0.67 -194 lbs -194 lbs	6-29 0.67 -1241 lbs -1241 lbs	
30-32 0.67 194 lbs -156 lbs	9-31 0.25 -194 lbs -194 lbs	9-30 0.71 -1317 lbs -1317 lbs	
32-34 0.14 52 lbs -42 lbs	31-33 0.13 -52 lbs -52 lbs	31-32 0.11 260 lbs -202 lbs	
34-36 0.08 13 lbs -11 lbs	33-35 0.05 -13 lbs -13 lbs	33-34 0.05 109 lbs -84 lbs	
7-36 0.01 0 lbs 0 lbs	2-35 0.00 0 lbs 0 lbs	35-36 0.00 9 lbs -5 lbs	
		8-11 0.04 238 lbs -231 lbs	
		12-13 0.13 1152 lbs -751 lbs	
		14-15 0.05 479 lbs -251 lbs	
		16-17 0.01 105 lbs -10 lbs	
		18-19 0.03 236 lbs -149 lbs	
		4-20 0.01 122 lbs -10 lbs	
		21-22 0.07 324 lbs -241 lbs	
		22-24 0.27 944 lbs -845 lbs	

TRUSS RT51 (spacing 24 in)



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

Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed
TC :	0.99 (31 - 7)	TL(V): 0.06 in.	L / 999	(6-24)	L / 240
BC :	0.97 (22 - 23)	LL(V): 0.04 in.	L / 999	(6-24)	L / 360
Web :	0.94 (18 - 19)	DL(V): 0.03 in.	L / 999	(6-24)	L / 0
		Cant / OH TL: -0.01 in.	2L / 999	(4-40)	2L / 360
		Cant / OH LL: -0.01 in.	2L / 999	(4-40)	2L / 360
		Horiz TL: -0.03 in.		25	
		Web :			
		Snow/Wind -0.01 in.	L / 999	(21-6)	L / 360
		Cant (Snow/Wind) 0 in.	L / 259	(8-39)	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
10	HRoll		0 lbs	-410 lbs	-250 lbs	-350 lbs	0 lbs
11	Pin		-350 lbs	2460 lbs	0 lbs	0 lbs	-350 lbs
32	HRoll		0 lbs	3390 lbs	0 lbs	0 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
7'-3-2	30'-0-13

Material Design Pass

Point Loads

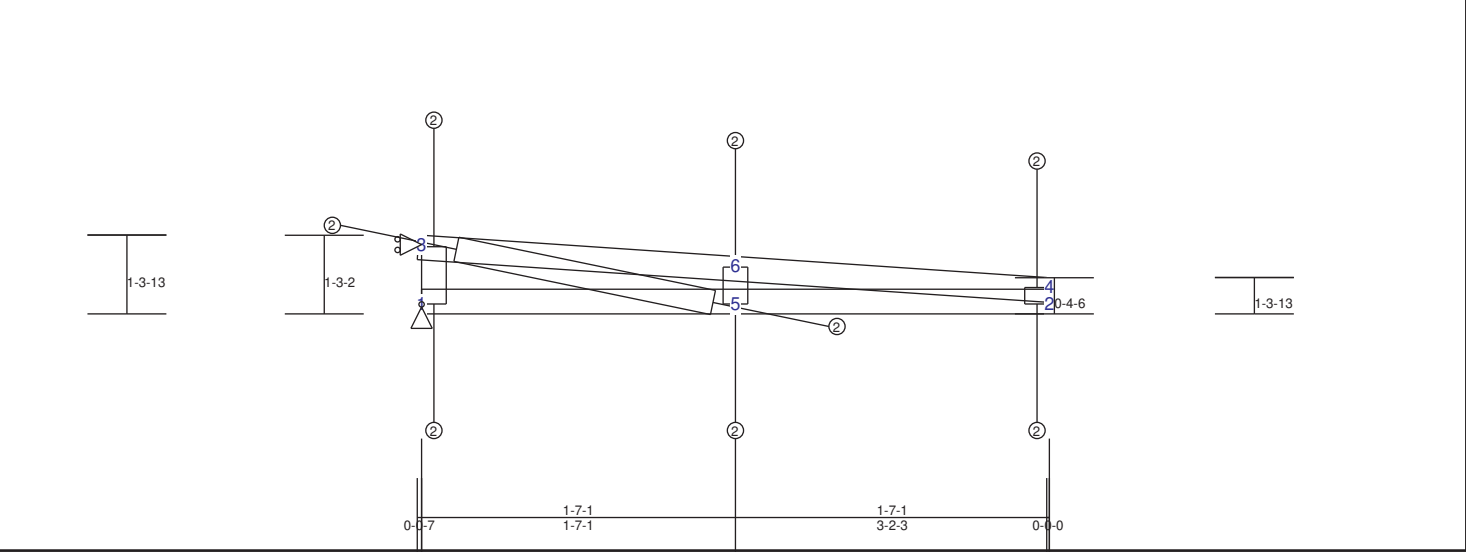
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB12-25 0-0-0	0-0-0	0-0-0	Concentrated	Dead	Down	Global	966 lbs	966 lbs	0 in.
WB12-25 0-0-0	0-0-0	0-0-0	Concentrated	Live	Down	Global	1449 lbs	1449 lbs	0 in.
WB12-25 0-0-0	0-0-0	0-0-0	Concentrated	Wind	Down	Global	1884 lbs	1884 lbs	0 in.
WB12-25 0-0-0	0-0-0	0-0-0	Concentrated	Wind	Down	Global	1884 lbs	1884 lbs	0 in.
WB12-25 0-0-0	0-0-0	0-0-0	Concentrated	Wind	Down	Global	531 lbs	531 lbs	0 in.

Member Forces Summary

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

Top Chord		Bot Chord		Web		Web	
3-37	0.00 0 lbs	0 lbs	1-36 0.00 0 lbs	0 lbs	14-15 0.05 151 lbs	-96 lbs	15-16 0.21 -374 lbs
15-37	0.11 21 lbs	-17 lbs	14-36 0.07 -21 lbs	-21 lbs	4-16 0.15 -285 lbs	-285 lbs	5-18 0.24 2379 lbs
4-15	0.19 96 lbs	-75 lbs	14-16 0.26 -96 lbs	-96 lbs	5-17 0.89 -2158 lbs	-2158 lbs	19-20 0.20 2030 lbs
8-39	0.24 260 lbs	-139 lbs	11-16 0.66 748 lbs	-203 lbs	18-19 0.94 -2267 lbs	-2267 lbs	6-23 0.24 2381 lbs
9-39	0.15 73 lbs	-23 lbs	11-17 0.96 752 lbs	-203 lbs	20-21 0.75 -1823 lbs	-1823 lbs	23-25 0.57 -2086 lbs
5-19	0.94 -390 lbs	-390 lbs	17-18 0.71 752 lbs	-178 lbs	6-22 0.64 -1556 lbs	-1556 lbs	12-27 0.07 668 lbs
19-21	0.81 -801 lbs	-801 lbs	18-20 0.87 801 lbs	-68 lbs	23-24 0.09 -278 lbs	-278 lbs	26-29 0.12 1200 lbs
6-21	0.97 -1438 lbs	-1438 lbs	20-22 0.91 1438 lbs	0 lbs	12-25 0.21 2096 lbs	0 lbs	28-31 0.20 2016 lbs
4-40	0.59 -229 lbs	-229 lbs	22-23 0.97 2167 lbs	0 lbs	26-27 0.21 -1045 lbs	-1045 lbs	7-30 0.37 3768 lbs
5-40	0.91 791 lbs	-278 lbs	12-23 0.92 2997 lbs	0 lbs	28-29 0.27 -1491 lbs	-1491 lbs	32-34 0.17 -1013 lbs
7-34	0.91 2058 lbs	0 lbs	12-26 0.60 2997 lbs	0 lbs	30-31 0.40 -2410 lbs	-2410 lbs	33-35 0.19 -1176 lbs
34-35	0.50 1398 lbs	0 lbs	26-28 0.73 2758 lbs	0 lbs	7-32 0.45 -2741 lbs	-2741 lbs	8-13 0.14 -844 lbs
8-35	0.39 608 lbs	-127 lbs	28-30 0.89 2174 lbs	0 lbs	33-34 0.09 876 lbs	0 lbs	14-37 0.06 -102 lbs
6-24	0.87 -2431 lbs	-2431 lbs	30-32 0.89 -2058 lbs	-2058 lbs	13-35 0.08 800 lbs	0 lbs	21-22 0.16 1559 lbs
24-25	0.87 -2442 lbs	-2442 lbs	32-33 0.51 -2058 lbs	-2058 lbs	8-10 0.04 445 lbs	0 lbs	10-39 0.05 -308 lbs
25-27	0.85 -3317 lbs	-3317 lbs	13-33 0.42 -1398 lbs	-1398 lbs	2-9 0.01 -32 lbs	-32 lbs	4-11 0.22 502 lbs
27-29	0.93 -3312 lbs	-3312 lbs	10-13 0.39 -608 lbs	-608 lbs	36-37 0.00 3 lbs	-3 lbs	17-40 0.16 1640 lbs
29-31	0.99 -2848 lbs	-2848 lbs	10-38 0.14 -239 lbs	-239 lbs	38-39 0.01 91 lbs	-65 lbs	
7-31	0.95 -1829 lbs	-1829 lbs	2-38 0.14 -14 lbs	-14 lbs	11-40 0.77 -1736 lbs	-1736 lbs	

TRUSS RT52 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (6 - 4)	TL(V): 0 in.	L / 999	3
BC : 0.33 (1 - 5)	LL(V): 0 in.	L / 999	3
Web : 0.10 (1 - 3)	DL(V): 0 in.	L / 999	3
	Cant / OH TL: 0 in.	2L / 999	0
	Cant / OH LL: 0 in.	2L / 999	0
	Horiz TL: -0.01 in.		4
	Web :		
	Snow/Wind 0 in.	L / 999	3
	Cant (Snow/Wind) 0 in.	L / 999	0
			L / 360
			L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		420 lbs	320 lbs	0 lbs	-50 lbs	420 lbs
3	VRoll		-420 lbs	0 lbs	0 lbs	0 lbs	-420 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

Max Height	Max Width
1-3-14	3-2-10

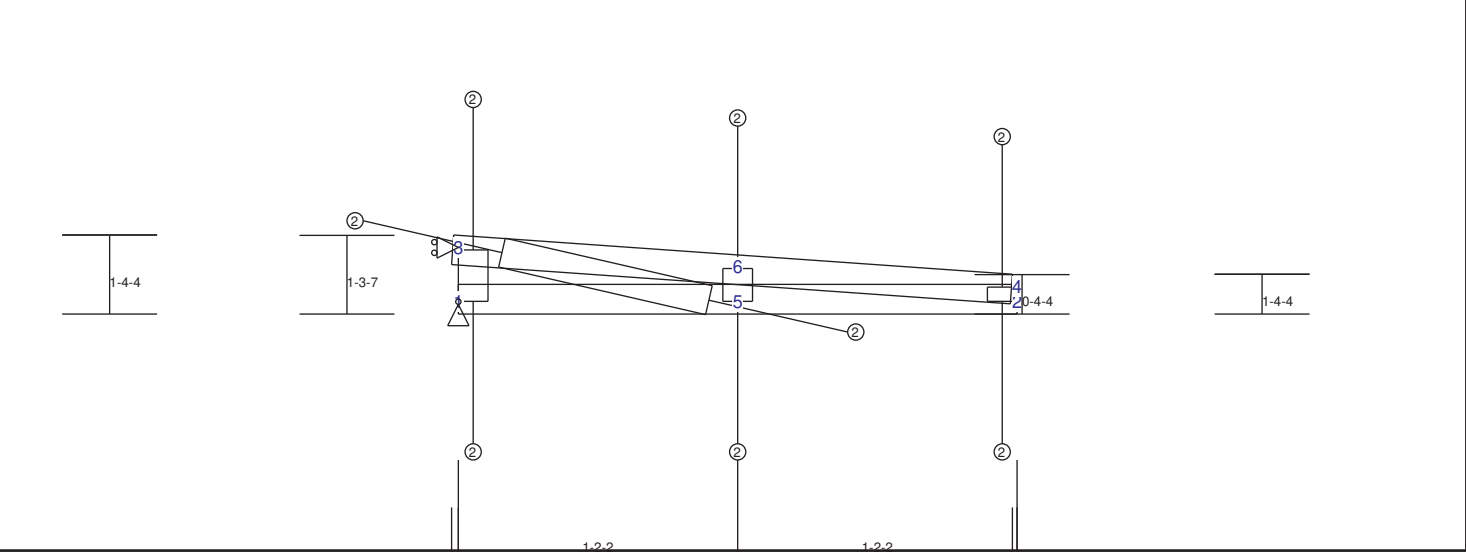
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.24	512 lbs	-363 lbs	1-5	0.33	-423 lbs	-423 lbs	1-3	0.10	-377 lbs	-377 lbs
4-6	0.33	84 lbs	-45 lbs	2-5	0.19	-14 lbs	-14 lbs	5-6	0.05	-297 lbs	-297 lbs
								2-4	0.01	19 lbs	-18 lbs
								3-5	0.08	569 lbs	-495 lbs

TRUSS RT53 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Squares indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC :	0.22 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.10 (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: -0.01 in.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin			220 lbs	240 lbs	0 lbs	0 lbs	-40 lbs	220 lbs
3	VRoll			-220 lbs	0 lbs	0 lbs	0 lbs	0 lbs	-220 lbs

Materials		Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd			350S150-43(50)	Sheathing			
Bot Chd			350S150-43(50)	Sheathing			
Web			350S150-43(50)	Sheathing			

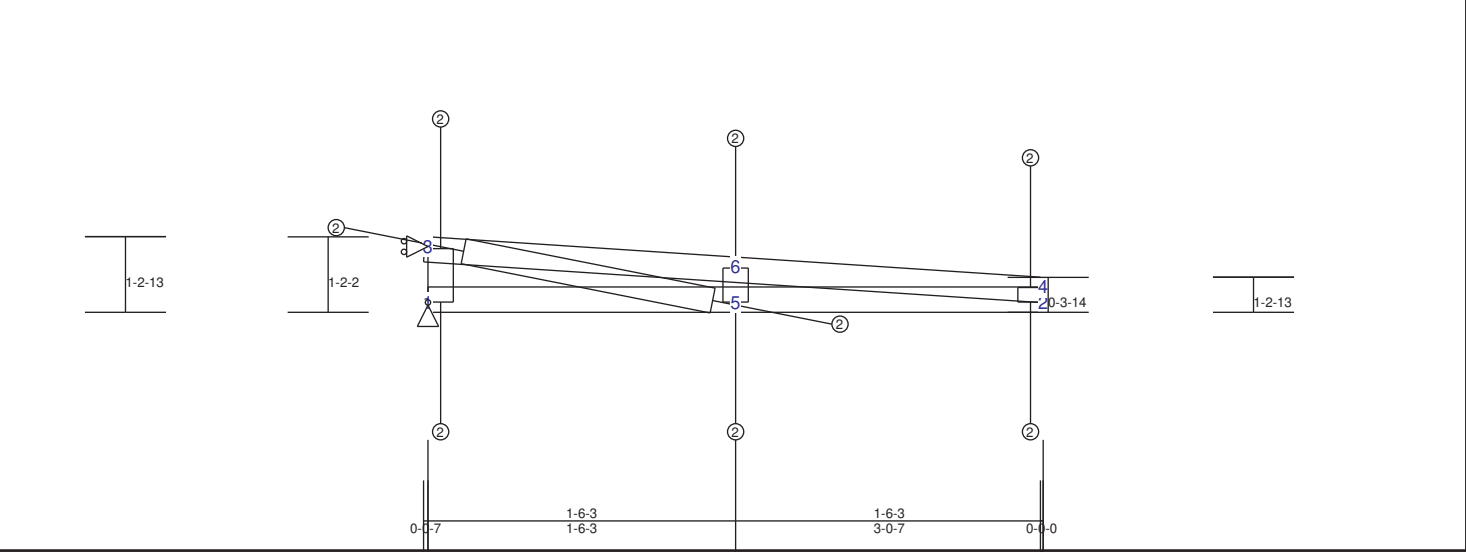
Truss Dimensions		Max Height	Max Width
1-4-4			2-4-13

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	317 lbs	-207 lbs	1-5	0.22	-223 lbs	-223 lbs	1-3	0.10 -289 lbs -289 lbs
4-6	0.21	94 lbs	-50 lbs	2-5	0.13	-14 lbs	-14 lbs	5-6	0.04 -235 lbs -235 lbs
								2-4	0.01 12 lbs -11 lbs
								3-5	0.06 377 lbs -352 lbs

TRUSS RT54 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.31 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.09 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		410 lbs	310 lbs	0 lbs	-50 lbs	410 lbs
3	VRoll		-410 lbs	0 lbs	0 lbs	0 lbs	-410 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

Max Height	Max Width
1-2-14	3-0-14

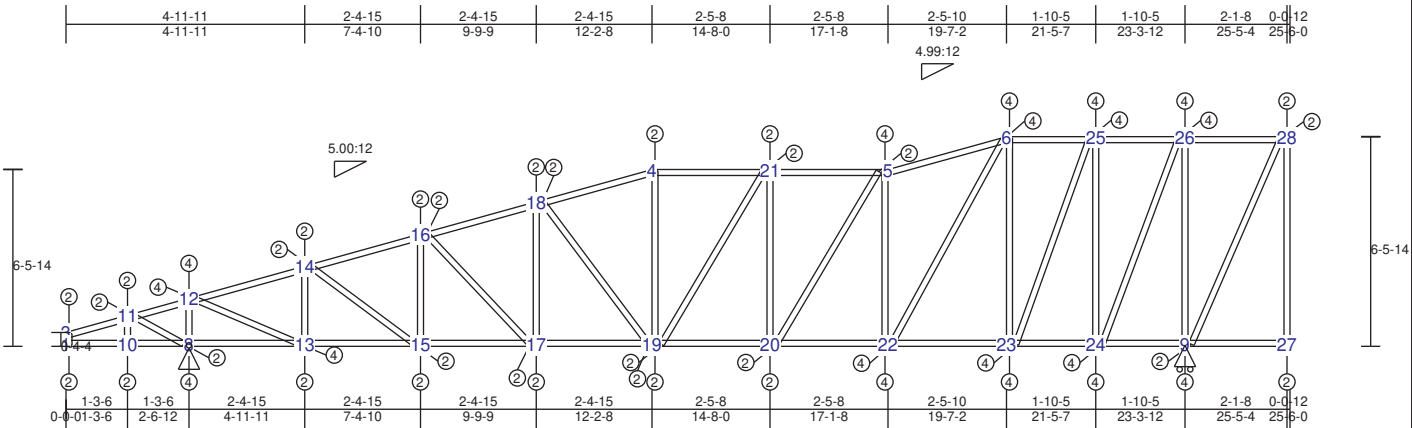
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.22	498 lbs	-355 lbs	1-5	0.31	-413 lbs	-413 lbs	1-3	0.09	-360 lbs	-360 lbs
4-6	0.30	80 lbs	-43 lbs	2-5	0.18	-12 lbs	-12 lbs	5-6	0.04	-285 lbs	-285 lbs
								2-4	0.01	17 lbs	-17 lbs
								3-5	0.08	552 lbs	-480 lbs

TRUSS RT55 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (11 - 12)	TL(V): 0.03 in.	L / 968	(5-6)	L / 240
BC : 0.67 (23 - 24)	LL(V): 0.02 in.	L / 999	(5-6)	L / 360
Web : 0.55 (9 - 26)	DL(V): 0.01 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: 0.02 in.		18	
	Web :			
	Snow/Wind -0.01 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 AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
8	Pin		310 lbs	1350 lbs	0 lbs	-260 lbs	310 lbs
9	HRoll		0 lbs	1680 lbs	0 lbs	-90 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
6-5-15	25-6-0

Material Design Pass

Point Loads

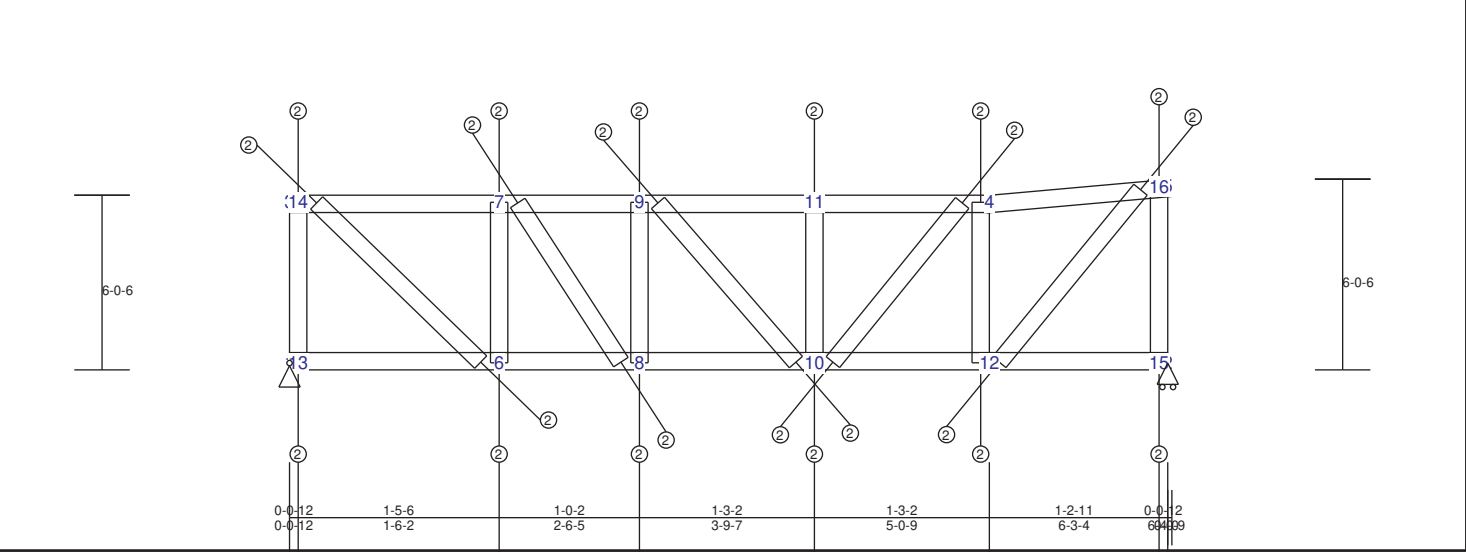
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB27-28	6-4-6	6-4-6	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB27-28	6-4-6	6-4-6	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB27-28	6-4-6	6-4-6	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB27-28	6-4-6	6-4-6	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB27-28	6-4-6	6-4-6	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
3-11	0.14	77 lbs	-28 lbs	1-10	0.20	-14 lbs	-14 lbs	1-3	0.01	-41 lbs	-41 lbs	18-19	0.09	344 lbs	-304 lbs
11-12	0.64	-267 lbs	-267 lbs	8-10	0.20	-350 lbs	-350 lbs	10-11	0.01	102 lbs	-91 lbs	19-21	0.03	-94 lbs	-94 lbs
12-14	0.57	-1121 lbs	-1121 lbs	8-13	0.36	-1088 lbs	-1088 lbs	8-12	0.21	-1273 lbs	-1273 lbs	5-20	0.15	463 lbs	-407 lbs
14-16	0.41	-1236 lbs	-1236 lbs	13-15	0.36	-1225 lbs	-1225 lbs	13-14	0.11	-663 lbs	-663 lbs	6-22	0.47	1062 lbs	-967 lbs
16-18	0.35	-1234 lbs	-1234 lbs	15-17	0.23	-1225 lbs	-1225 lbs	15-16	0.05	-231 lbs	-231 lbs	23-25	0.38	1013 lbs	-831 lbs
4-18	0.37	-1113 lbs	-1113 lbs	17-19	0.27	-1165 lbs	-1165 lbs	17-18	0.03	-111 lbs	-111 lbs	24-26	0.46	1157 lbs	-985 lbs
4-21	0.41	-952 lbs	-952 lbs	19-20	0.25	-1011 lbs	-1011 lbs	4-19	0.07	-224 lbs	-224 lbs	9-28	0.21	-453 lbs	-453 lbs
5-21	0.41	-922 lbs	-922 lbs	20-22	0.52	-976 lbs	-976 lbs	20-21	0.13	-394 lbs	-394 lbs				
5-6	0.63	-875 lbs	-875 lbs	22-23	0.49	-827 lbs	-827 lbs	5-22	0.32	-985 lbs	-985 lbs				
6-25	0.60	495 lbs	-388 lbs	23-24	0.67	-495 lbs	-495 lbs	6-23	0.40	-917 lbs	-917 lbs				
25-26	0.62	302 lbs	-153 lbs	9-24	0.67	-302 lbs	-302 lbs	24-25	0.54	-1217 lbs	-1217 lbs				
26-28	0.62	126 lbs	0 lbs	9-27	0.25	-126 lbs	-126 lbs	9-26	0.55	-1248 lbs	-1248 lbs				
7-28	0.16	0 lbs	0 lbs	2-27	0.01	0 lbs	0 lbs	27-28	0.00	13 lbs	0 lbs				
								8-11	0.03	217 lbs	-213 lbs				
								12-13	0.15	1215 lbs	-875 lbs				
								14-15	0.04	365 lbs	-206 lbs				
								16-17	0.01	113 lbs	-38 lbs				

TRUSS RT56 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (14 - 7)	TL(V): 0 in.	L / 999 (3-14)	L / 240
BC : 0.19 (10 - 12)	LL(V): 0 in.	L / 999 (3-14)	L / 360
Web : 0.13 (15 - 16)	DL(V): 0 in.	L / 999 (3-14)	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.	5	
	Web :		
	Snow/Wind 0 in.	L / 999 (3-14)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
13	Pin	30 lbs	330 lbs	0 lbs	-50 lbs	30 lbs
15	HRoll	30 lbs	340 lbs	0 lbs	-50 lbs	30 lbs

Materials			
Type	Material	Bracing	Section
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
6'-0-6	6'-4-9

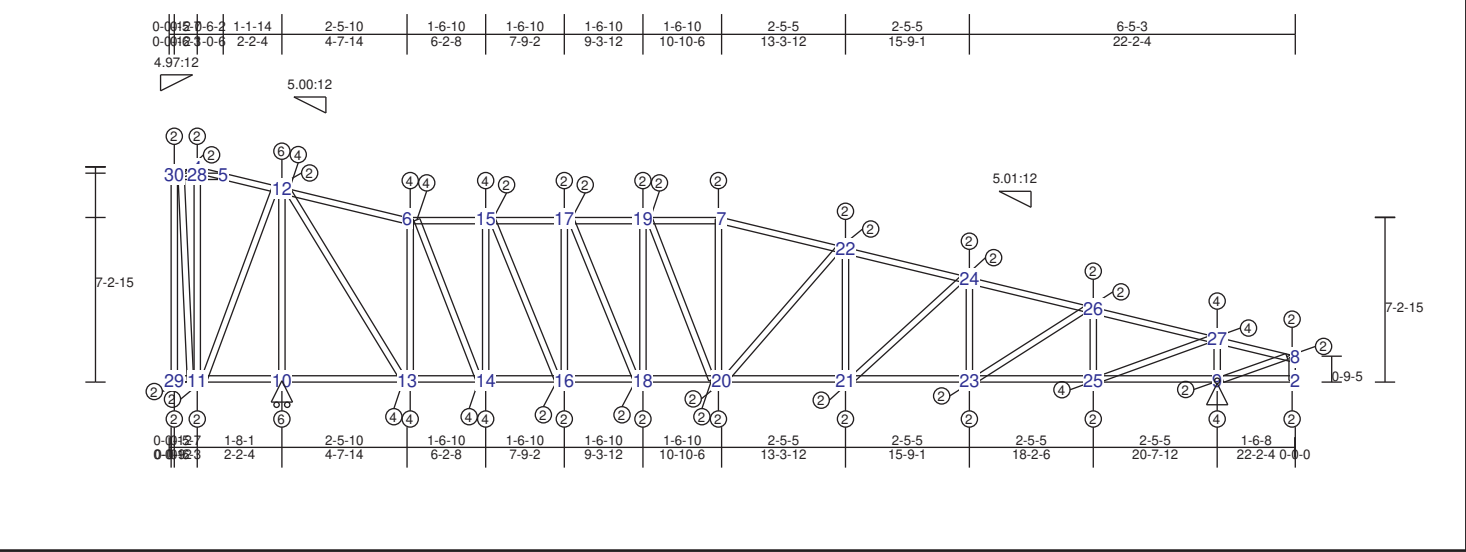
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-14	0.16	0 lbs	0 lbs	1-13	0.01	-46 lbs	-46 lbs	6-7	0.11	-339 lbs	-339 lbs
7-14	0.24	-68 lbs	-68 lbs	6-13	0.18	-90 lbs	-90 lbs	8-9	0.03	-107 lbs	-107 lbs
7-9	0.15	-90 lbs	-90 lbs	6-8	0.18	-100 lbs	-100 lbs	10-11	0.05	-152 lbs	-152 lbs
9-11	0.06	-90 lbs	-90 lbs	8-10	0.09	-100 lbs	-100 lbs	4-12	0.11	-353 lbs	-353 lbs
4-11	0.13	-90 lbs	-90 lbs	10-12	0.19	90 lbs	-90 lbs	13-14	0.11	-338 lbs	-338 lbs
4-16	0.23	131 lbs	-125 lbs	12-15	0.16	58 lbs	-54 lbs	15-16	0.13	-347 lbs	-347 lbs
5-16	0.00	-3 lbs	-3 lbs	2-15	0.01	0 lbs	0 lbs	7-8	0.02	161 lbs	-74 lbs
								9-10	0.01	54 lbs	-15 lbs
								4-10	0.07	-214 lbs	-214 lbs
								6-14	0.07	320 lbs	-204 lbs
								12-16	0.12	341 lbs	-313 lbs

TRUSS RT57 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (12 - 6)	TL(V): 0.01 in.	L / 999	(12-6)	L / 240
BC :	0.58 (13 - 14)	LL(V): 0.01 in.	L / 999	(12-6)	L / 360
Web :	0.78 (10 - 12)	DL(V): 0 in.	L / 999	(3-4)	L / 0
		Cant / OH TL: 0 in.	2L / 999	(3-4)	2L / 360
		Cant / OH LL: 0 in.	2L / 999	(3-4)	2L / 360
		Horiz TL: -0.01 in.	22		
		Web :			
		Snow/Wind -0.01 in.	L / 999	(12-6)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table		Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
P.Point	Type						
9	Pin		-330 lbs	1090 lbs	0 lbs	-150 lbs	-330 lbs
10	HRoll		0 lbs	1690 lbs	0 lbs	-50 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
7'-3'-0"	22'-2'-13"

Material Design Pass

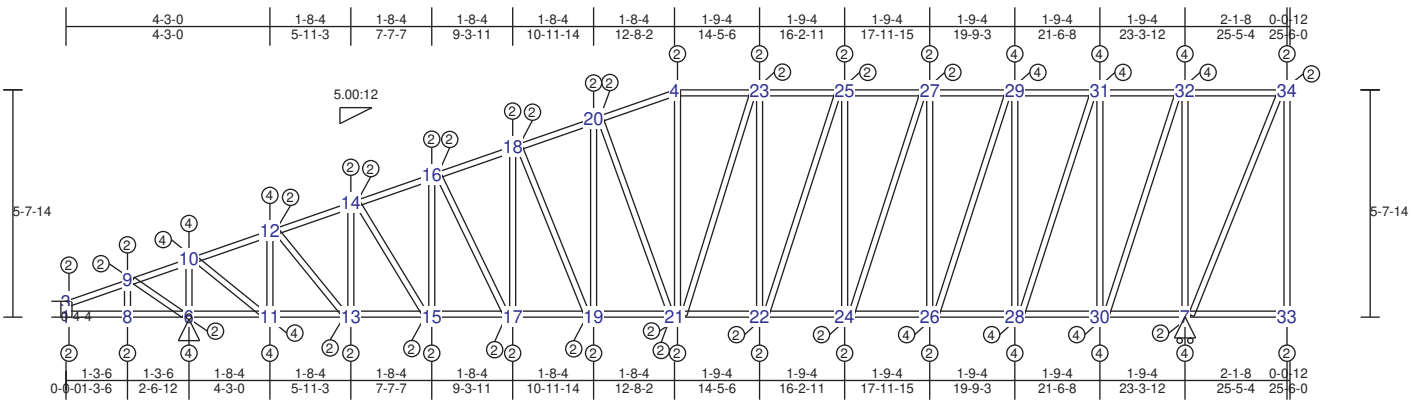
Point Loads		Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
Member	Start Loc	End Loc						
WB29-30	6-10-14	6-10-14	Concentrated	Dead	Down	Global 130 lbs	130 lbs	0 in.
WB29-30	6-10-14	6-10-14	Concentrated	Live	Down	Global 195 lbs	195 lbs	0 in.
WB29-30	6-10-14	6-10-14	Concentrated	Wind	Down	Global 254 lbs	254 lbs	0 in.
WB29-30	6-10-14	6-10-14	Concentrated	Wind	Down	Global 254 lbs	254 lbs	0 in.
WB29-30	6-10-14	6-10-14	Concentrated	Wind	Down	Global 72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-4	0.19	165 lbs	0 lbs	1-29	0.08	0 lbs	0 lbs	10-12	0.78	-1748 lbs	-1748 lbs
4-5	0.17	153 lbs	0 lbs	11-29	0.28	-14 lbs	-14 lbs	6-13	0.35	-1069 lbs	-1069 lbs
5-12	0.58	153 lbs	-134 lbs	10-11	0.37	-147 lbs	-147 lbs	14-15	0.28	-871 lbs	-871 lbs
6-12	0.71	537 lbs	-314 lbs	10-13	0.47	-349 lbs	-349 lbs	16-17	0.20	-599 lbs	-599 lbs
6-15	0.59	-407 lbs	-407 lbs	13-14	0.58	-518 lbs	-518 lbs	18-19	0.15	-450 lbs	-450 lbs
15-17	0.40	-556 lbs	-556 lbs	14-16	0.43	-645 lbs	-645 lbs	7-20	0.05	-143 lbs	-143 lbs
17-19	0.27	-661 lbs	-661 lbs	16-18	0.30	-740 lbs	-740 lbs	21-22	0.05	-191 lbs	-191 lbs
7-19	0.25	-716 lbs	-716 lbs	18-20	0.30	-799 lbs	-799 lbs	23-24	0.03	-129 lbs	-129 lbs
7-22	0.36	-866 lbs	-866 lbs	20-21	0.27	-987 lbs	-987 lbs	25-26	0.09	-513 lbs	-513 lbs
22-24	0.31	-1038 lbs	-1038 lbs	21-23	0.22	-1097 lbs	-1097 lbs	9-27	0.18	-1089 lbs	-1089 lbs
24-26	0.37	-1080 lbs	-1080 lbs	23-25	0.28	-1097 lbs	-1097 lbs	2-8	0.02	2 lbs	0 lbs
26-27	0.48	-1012 lbs	-1012 lbs	9-25	0.28	-1048 lbs	-1048 lbs	11-28	0.11	-207 lbs	-207 lbs
8-27	0.54	-356 lbs	-356 lbs	2-9	0.09	-512 lbs	-512 lbs	29-30	0.02	170 lbs	0 lbs
3-30	0.31	-159 lbs	-159 lbs					12-13	0.44	1043 lbs	-890 lbs
28-30	0.31	-159 lbs	-159 lbs					6-14	0.26	945 lbs	-773 lbs
5-28	0.19	-153 lbs	-153 lbs					15-16	0.19	649 lbs	-551 lbs
								17-18	0.14	457 lbs	-415 lbs

TRUSS RT58 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (31 - 32)	TL(V): 0 in.	L / 999	(3-9)	L / 240
BC : 0.67 (28 - 30)	LL(V): 0 in.	L / 999	(3-9)	L / 360
Web : 0.42 (7 - 32)	DL(V): 0 in.	L / 999	(3-9)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.02 in.		18	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-9)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	Pin		270 lbs	1350 lbs	0 lbs	-270 lbs	270 lbs
7	HRoll		0 lbs	1670 lbs	0 lbs	-80 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5-7-15	25-6-0

Material Design Pass

Point Loads

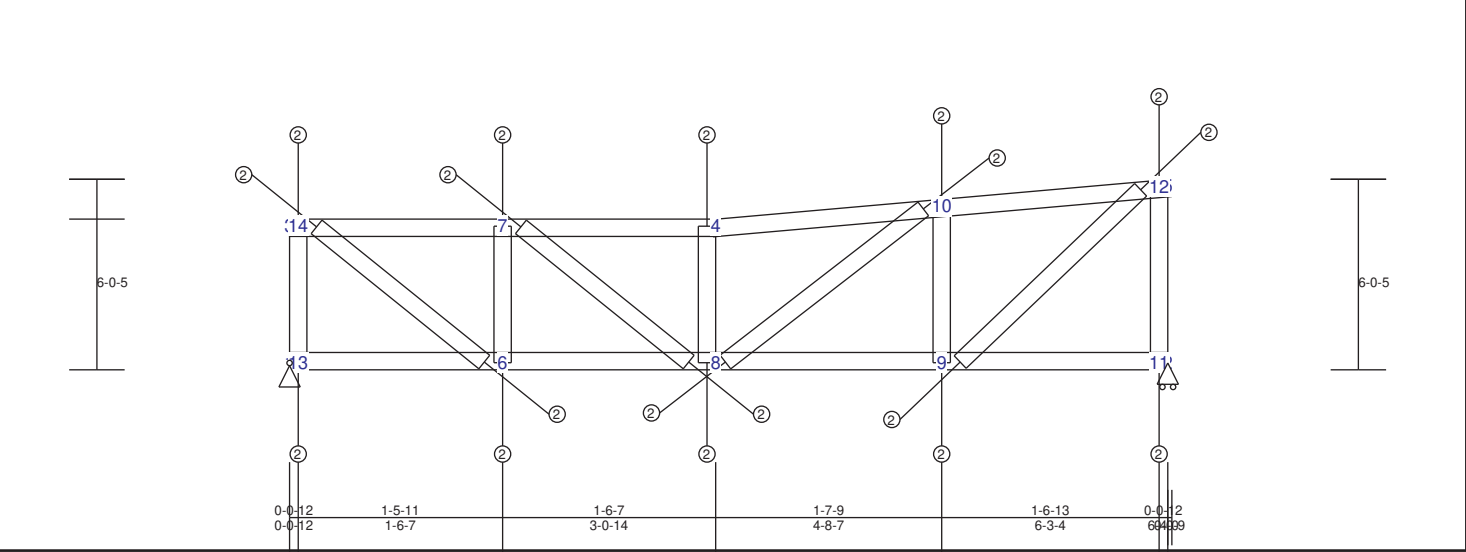
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB33-34	5-6-6	5-6-6	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB33-34	5-6-6	5-6-6	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB33-34	5-6-6	5-6-6	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB33-34	5-6-6	5-6-6	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB33-34	5-6-6	5-6-6	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
3-9	0.15	76 lbs	-27 lbs	1-8	0.19	-14 lbs	-14 lbs	1-3	0.01	-39 lbs	-39 lbs	10-11	0.15	1180 lbs	-882 lbs
9-10	0.60	-256 lbs	-256 lbs	6-8	0.19	-267 lbs	-267 lbs	8-9	0.01	97 lbs	-86 lbs	12-13	0.07	594 lbs	-409 lbs
10-12	0.57	-984 lbs	-984 lbs	6-11	0.46	-899 lbs	-899 lbs	6-10	0.21	-1268 lbs	-1268 lbs	14-15	0.02	223 lbs	-107 lbs
12-14	0.34	-1205 lbs	-1205 lbs	11-13	0.46	-1129 lbs	-1129 lbs	11-12	0.14	-859 lbs	-859 lbs	16-17	0.01	92 lbs	-32 lbs
14-16	0.29	-1222 lbs	-1222 lbs	13-15	0.23	-1177 lbs	-1177 lbs	13-14	0.08	-439 lbs	-439 lbs	18-19	0.05	263 lbs	-215 lbs
16-18	0.27	-1222 lbs	-1222 lbs	15-17	0.21	-1177 lbs	-1177 lbs	15-16	0.04	-176 lbs	-176 lbs	20-21	0.11	399 lbs	-377 lbs
18-20	0.27	-1150 lbs	-1150 lbs	17-19	0.23	-1143 lbs	-1143 lbs	17-18	0.02	-100 lbs	-100 lbs	21-23	0.04	118 lbs	-100 lbs
4-20	0.28	-1034 lbs	-1034 lbs	19-21	0.26	-1059 lbs	-1059 lbs	19-20	0.07	-265 lbs	-265 lbs	22-25	0.11	356 lbs	-291 lbs
4-23	0.28	944 lbs	-917 lbs	21-22	0.25	-944 lbs	-944 lbs	4-21	0.10	-288 lbs	-288 lbs	24-27	0.17	582 lbs	-473 lbs
23-25	0.28	919 lbs	-888 lbs	22-24	0.27	-919 lbs	-919 lbs	22-23	0.12	-338 lbs	-338 lbs	26-29	0.24	804 lbs	-655 lbs
25-27	0.36	844 lbs	-795 lbs	24-26	0.38	-844 lbs	-844 lbs	24-25	0.18	-532 lbs	-532 lbs	28-31	0.31	1061 lbs	-852 lbs
27-29	0.47	720 lbs	-643 lbs	26-28	0.48	-720 lbs	-720 lbs	26-27	0.26	-757 lbs	-757 lbs	30-32	0.35	1162 lbs	-972 lbs
29-31	0.58	550 lbs	-434 lbs	28-30	0.67	-550 lbs	-550 lbs	28-29	0.33	-973 lbs	-973 lbs	7-34	0.17	-459 lbs	-459 lbs
31-32	0.61	328 lbs	-158 lbs	7-30	0.67	-328 lbs	-328 lbs	30-31	0.42	-1219 lbs	-1219 lbs				
32-34	0.61	145 lbs	0 lbs	7-33	0.25	-145 lbs	-145 lbs	7-32	0.42	-1242 lbs	-1242 lbs				
5-34	0.16	0 lbs	0 lbs	2-33	0.01	0 lbs	0 lbs	33-34	0.00	13 lbs	0 lbs				
								6-9	0.04	234 lbs	-234 lbs				

TRUSS RT59 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (14 - 7)	TL(V): 0 in.	L / 999	(4-10)	L / 240
BC : 0.21 (8 - 9)	LL(V): 0 in.	L / 999	(4-10)	L / 360
Web : 0.15 (9 - 12)	DL(V): 0 in.	L / 999	(4-10)	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.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	(4-10)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
11	HRoll		0 lbs	340 lbs	0 lbs	-130 lbs	0 lbs
13	Pin		70 lbs	330 lbs	0 lbs	-20 lbs	70 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
6'-0-5	6'-4-9

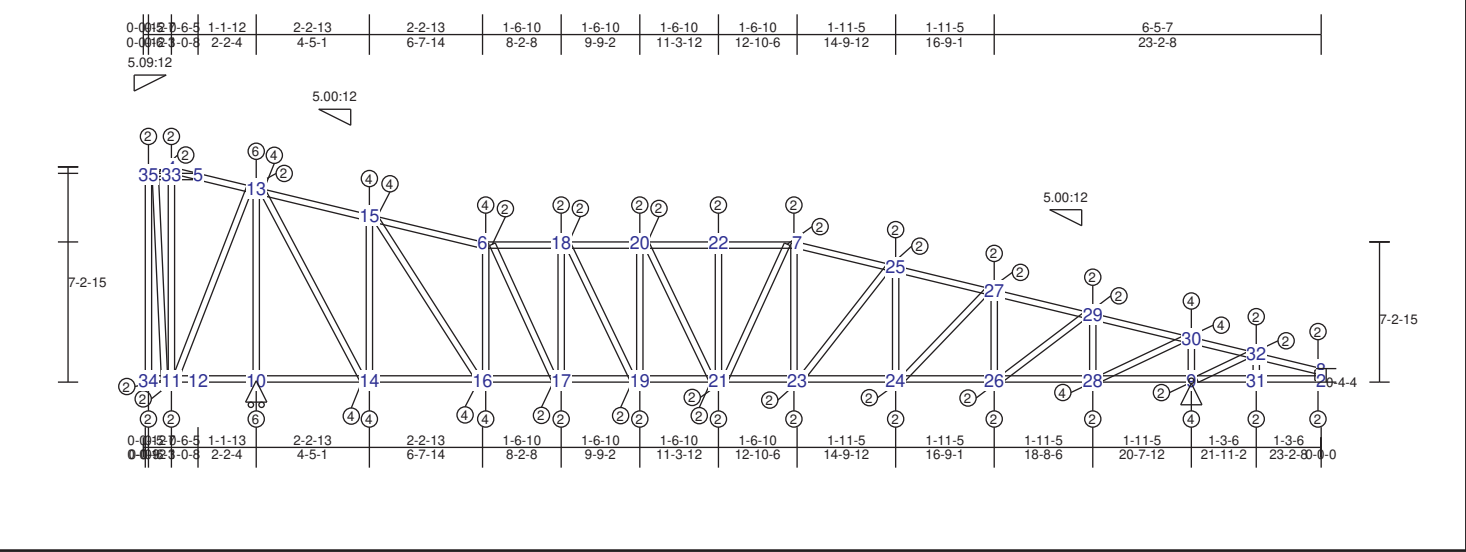
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
4-10	0.22	-147 lbs	-147 lbs	1-13	0.02	-115 lbs	-115 lbs	6-7	0.08	-321 lbs	-321 lbs
10-12	0.23	-145 lbs	-145 lbs	6-13	0.18	-150 lbs	-150 lbs	4-8	0.05	-187 lbs	-187 lbs
5-12	0.00	-3 lbs	-3 lbs	6-8	0.18	-150 lbs	-150 lbs	9-10	0.11	410 lbs	-351 lbs
3-14	0.16	0 lbs	0 lbs	8-9	0.21	-141 lbs	-141 lbs	11-12	0.13	378 lbs	-350 lbs
7-14	0.24	-83 lbs	-83 lbs	9-11	0.21	-86 lbs	-86 lbs	13-14	0.09	-342 lbs	-342 lbs
4-7	0.15	-112 lbs	-112 lbs	2-11	0.01	0 lbs	0 lbs	7-8	0.01	115 lbs	-10 lbs
								8-10	0.07	-209 lbs	-209 lbs
								9-12	0.15	-398 lbs	-398 lbs
								6-14	0.04	328 lbs	-139 lbs

TRUSS RT60 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (13 - 15)	TL(V): 0.01 in.	L / 999	(15-6)	L / 240
BC : 0.60 (10 - 14)	LL(V): 0.01 in.	L / 999	(15-6)	L / 360
Web : 0.77 (10 - 13)	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: -0.01 in.		7	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-4)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
9	Pin		-340 lbs	1210 lbs	0 lbs	-180 lbs	-340 lbs
10	HRoll		0 lbs	1690 lbs	0 lbs	-40 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
7'-3-0	23'-3-1

Material Design Pass

Point Loads

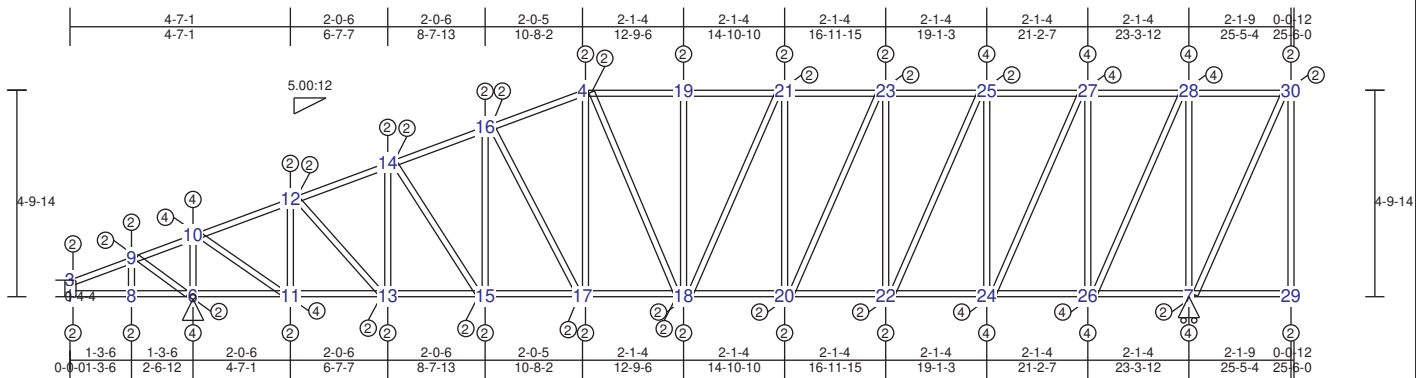
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB34-35	6-10-13	6-10-13	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-4 0.18 147 lbs 0 lbs	1-34 0.06 0 lbs 0 lbs	10-13 0.77 -1724 lbs -1724 lbs
4-5 0.16 135 lbs 0 lbs	11-34 0.28 -12 lbs -12 lbs	14-15 0.36 -1086 lbs -1086 lbs
5-13 0.48 135 lbs -122 lbs	10-11 0.33 -152 lbs -152 lbs	6-16 0.24 -946 lbs -946 lbs
13-15 0.61 541 lbs -320 lbs	10-14 0.60 -327 lbs -327 lbs	17-18 0.15 -570 lbs -570 lbs
6-15 0.55 -611 lbs -611 lbs	14-16 0.60 -621 lbs -621 lbs	19-20 0.08 -329 lbs -329 lbs
6-18 0.36 -683 lbs -683 lbs	16-17 0.47 -755 lbs -755 lbs	21-22 0.05 -191 lbs -191 lbs
18-20 0.28 -784 lbs -784 lbs	17-19 0.29 -848 lbs -848 lbs	7-23 0.06 -244 lbs -244 lbs
20-22 0.22 -830 lbs -830 lbs	19-21 0.20 -902 lbs -902 lbs	24-25 0.01 -60 lbs -60 lbs
7-22 0.24 -830 lbs -830 lbs	21-23 0.21 -918 lbs -918 lbs	26-27 0.05 -282 lbs -282 lbs
7-25 0.26 -946 lbs -946 lbs	23-24 0.20 -1020 lbs -1020 lbs	28-29 0.11 -676 lbs -676 lbs
25-27 0.27 -1006 lbs -1006 lbs	24-26 0.19 -1048 lbs -1048 lbs	9-30 0.18 -1122 lbs -1122 lbs
27-29 0.31 -1005 lbs -1005 lbs	26-28 0.36 -1048 lbs -1048 lbs	31-32 0.01 98 lbs -87 lbs
29-30 0.48 -869 lbs -869 lbs	9-28 0.36 -916 lbs -916 lbs	2-8 0.01 -39 lbs -39 lbs
30-32 0.54 234 lbs -198 lbs	9-31 0.19 -378 lbs -378 lbs	11-33 0.13 -251 lbs -251 lbs
8-32 0.15 77 lbs -28 lbs	2-31 0.19 -14 lbs -14 lbs	34-35 0.01 130 lbs 0 lbs
3-35 0.29 -144 lbs -144 lbs		
33-35 0.29 -144 lbs -144 lbs		
5-33 0.20 -133 lbs -133 lbs		

TRUSS RT61 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (27 - 28)	TL(V): 0 in.	L / 999	(3-9)	L / 240
BC : 0.65 (24 - 26)	LL(V): 0 in.	L / 999	(3-9)	L / 360
Web : 0.33 (7 - 28)	DL(V): 0 in.	L / 999	(3-9)	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.		16	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-9)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
6	Pin		230 lbs	1340 lbs	0 lbs	-290 lbs	230 lbs
7	HRoll		0 lbs	1670 lbs	0 lbs	-70 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4-9-15	25-6-0

Material Design Pass

Point Loads

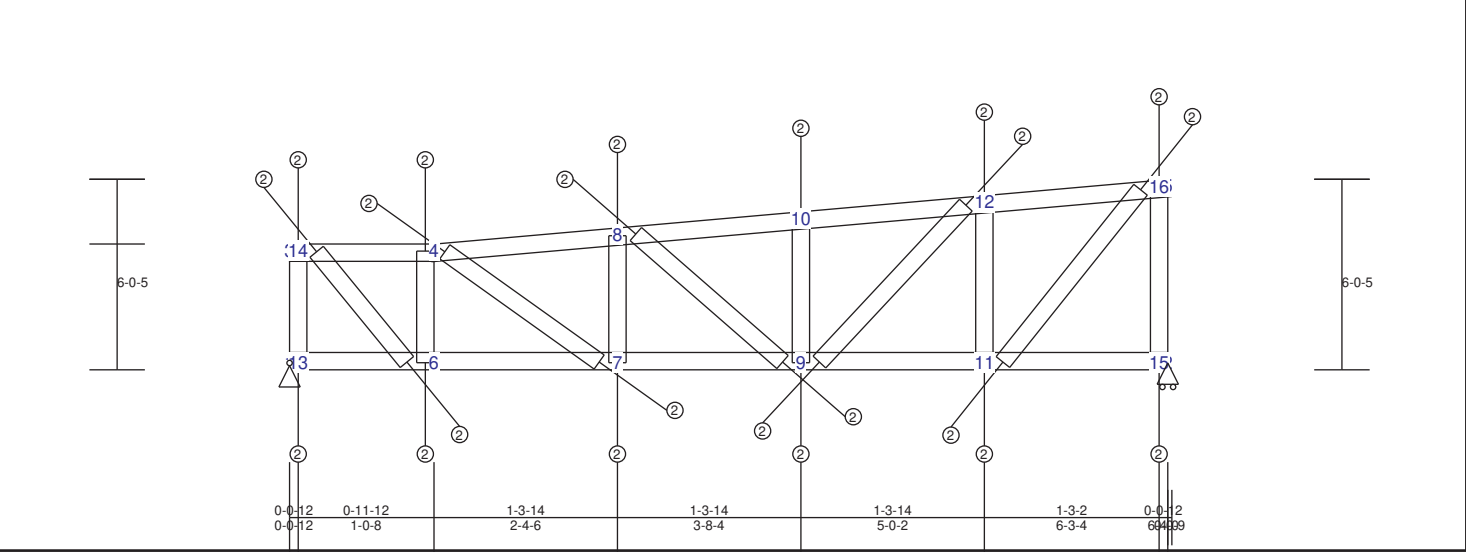
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB29-30	4-8-6	4-8-6	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB29-30	4-8-6	4-8-6	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB29-30	4-8-6	4-8-6	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB29-30	4-8-6	4-8-6	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB29-30	4-8-6	4-8-6	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
3-9	0.15	77 lbs	-28 lbs	1-8	0.19	-14 lbs	-14 lbs	1-3	0.01	-40 lbs	-40 lbs	14-15	0.01	92 lbs	-9 lbs
9-10	0.61	260 lbs	-258 lbs	6-8	0.19	-203 lbs	-203 lbs	8-9	0.01	100 lbs	-89 lbs	16-17	0.04	210 lbs	-165 lbs
10-12	0.54	-1050 lbs	-1050 lbs	6-11	0.40	-918 lbs	-918 lbs	6-10	0.21	-1264 lbs	-1264 lbs	4-18	0.03	129 lbs	-120 lbs
12-14	0.36	-1224 lbs	-1224 lbs	11-13	0.40	-1119 lbs	-1119 lbs	11-12	0.13	-750 lbs	-750 lbs	18-21	0.03	160 lbs	-115 lbs
14-16	0.39	-1229 lbs	-1229 lbs	13-15	0.21	-1123 lbs	-1123 lbs	13-14	0.06	-327 lbs	-327 lbs	20-23	0.10	431 lbs	-332 lbs
4-16	0.30	-1176 lbs	-1176 lbs	15-17	0.22	-1123 lbs	-1123 lbs	15-16	0.01	-57 lbs	-57 lbs	22-25	0.16	699 lbs	-551 lbs
4-19	0.38	-1078 lbs	-1078 lbs	17-18	0.23	1078 lbs	-1077 lbs	4-17	0.05	-192 lbs	-192 lbs	24-27	0.23	995 lbs	-781 lbs
19-21	0.33	-1078 lbs	-1078 lbs	18-20	0.23	1078 lbs	-1077 lbs	18-19	0.07	-260 lbs	-260 lbs	26-28	0.28	1170 lbs	-955 lbs
21-23	0.36	1036 lbs	-1020 lbs	20-22	0.32	-1036 lbs	-1036 lbs	20-21	0.10	-365 lbs	-365 lbs	7-30	0.14	-470 lbs	-470 lbs
23-25	0.44	915 lbs	-865 lbs	22-24	0.44	-915 lbs	-915 lbs	22-23	0.17	-633 lbs	-633 lbs				
25-27	0.58	716 lbs	-612 lbs	24-26	0.65	-716 lbs	-716 lbs	24-25	0.23	-879 lbs	-879 lbs				
27-28	0.62	433 lbs	-252 lbs	7-26	0.65	-433 lbs	-433 lbs	26-27	0.31	-1161 lbs	-1161 lbs				
28-30	0.62	172 lbs	0 lbs	7-29	0.24	-172 lbs	-172 lbs	7-28	0.33	-1245 lbs	-1245 lbs				
5-30	0.16	0 lbs	0 lbs	2-29	0.01	0 lbs	0 lbs	29-30	0.00	17 lbs	0 lbs				
								6-9	0.04	-226 lbs	-226 lbs				
								10-11	0.15	1188 lbs	-906 lbs				
								12-13	0.06	474 lbs	-324 lbs				

TRUSS RT62 (spacing 24 in)



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

Max CSI Summary		Deflection	L /	(Loc)	Max. Allowed
TC :	0.26 (12 - 16)	TL(V): 0 in.	L / 999	(3-14)	L / 240
BC :	0.26 (9 - 11)	LL(V): 0 in.	L / 999	(3-14)	L / 360
Web :	0.18 (11 - 16)	DL(V): 0 in.	L / 999	(3-14)	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.		10	
		Web :			
		Snow/Wind 0 in.	L / 999	(3-14)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
13	Pin			110 lbs	340 lbs	0 lbs	0 lbs	0 lbs	110 lbs
15	HRoll			0 lbs	340 lbs	0 lbs	0 lbs	-160 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

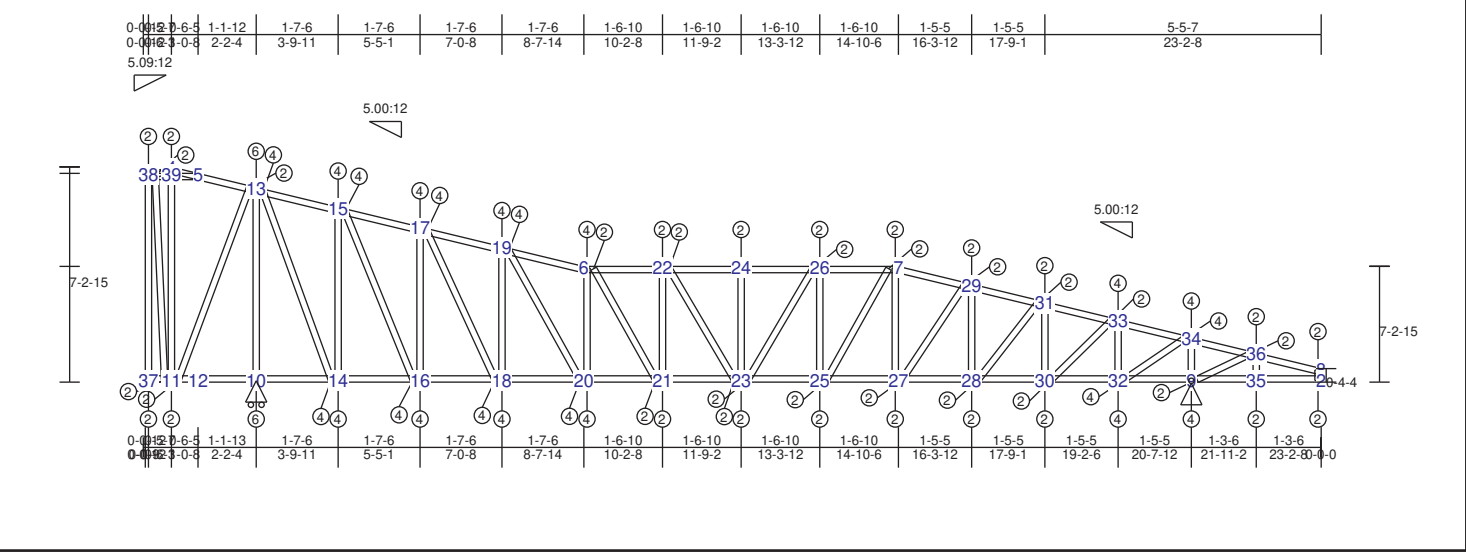
Truss Dimensions	
Max Height	Max Width
6-0-5	6-4-9

Material Design Pass
Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-14	0.16	0 lbs	0 lbs	1-13	0.03	-186 lbs	-186 lbs	4-6	0.08	-396 lbs	-396 lbs
4-14	0.25	-67 lbs	-67 lbs	6-13	0.21	-204 lbs	-204 lbs	7-8	0.03	-116 lbs	-116 lbs
4-8	0.12	-163 lbs	-163 lbs	6-7	0.11	-204 lbs	-204 lbs	9-10	0.04	-130 lbs	-130 lbs
8-10	0.11	-142 lbs	-142 lbs	7-9	0.14	-196 lbs	-196 lbs	11-12	0.13	521 lbs	-392 lbs
10-12	0.23	-142 lbs	-142 lbs	9-11	0.26	-149 lbs	-149 lbs	13-14	0.08	-359 lbs	-359 lbs
12-16	0.26	-165 lbs	-165 lbs	11-15	0.26	-80 lbs	-80 lbs	15-16	0.13	430 lbs	-355 lbs
5-16	0.00	-3 lbs	-3 lbs	2-15	0.01	0 lbs	0 lbs	4-7	0.02	176 lbs	-7 lbs
								8-9	0.02	201 lbs	-57 lbs
								9-12	0.12	-356 lbs	-356 lbs
								6-14	0.04	392 lbs	-105 lbs
								11-16	0.18	-480 lbs	-480 lbs

TRUSS RT63 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (13 - 15)	TL(V): 0.01 in.	L / 999	(4-5)	L / 240
BC : 0.61 (10 - 14)	LL(V): 0 in.	L / 999	(4-5)	L / 360
Web : 0.77 (10 - 13)	DL(V): 0 in.	L / 999	(4-5)	L / 0
	Cant / OH TL: 0 in.	2L / 999	(4-5)	2L / 360
	Cant / OH LL: 0 in.	2L / 999	(4-5)	2L / 360
	Horiz TL: -0.02 in.		7	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-4)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	(3-4)	L / 360

- Load Summary**
- This Truss has been designed in accordance with AISI 2016.
 - This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - Snow Criteria: None
 - 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
9	Pin		-340 lbs	1210 lbs	0 lbs	-180 lbs	-340 lbs
10	HRoll		0 lbs	1690 lbs	0 lbs	-40 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
7-3-0	23-3-1

Material Design Pass

Point Loads

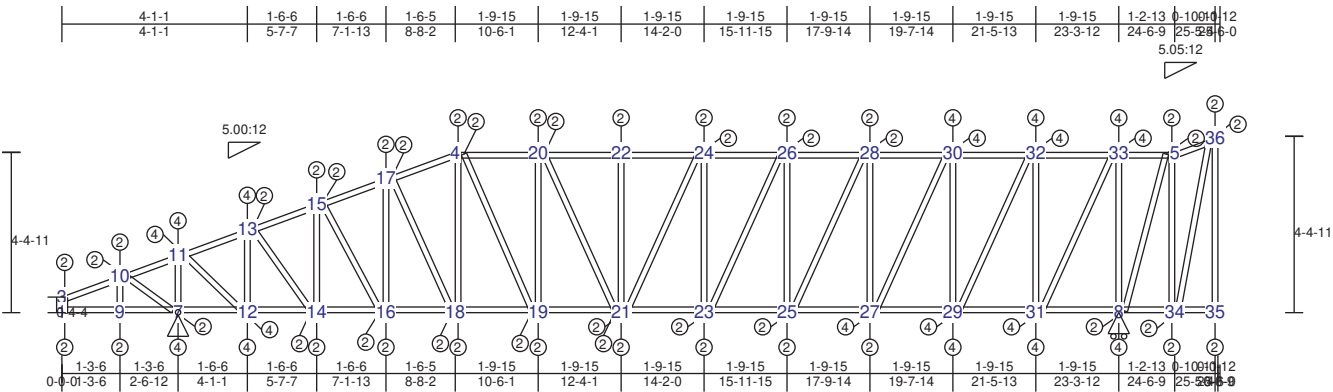
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB37-38	6-10-13	6-10-13	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB37-38	6-10-13	6-10-13	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB37-38	6-10-13	6-10-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB37-38	6-10-13	6-10-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB37-38	6-10-13	6-10-13	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
3-4 0.20 156 lbs 0 lbs	1-37 0.09 0 lbs 0 lbs	10-13 0.77 -1727 lbs -1727 lbs	13-14 0.43 1050 lbs -936 lbs
7-29 0.23 -997 lbs -997 lbs	11-37 0.29 -14 lbs -14 lbs	14-15 0.41 -1117 lbs -1117 lbs	15-16 0.36 1133 lbs -956 lbs
29-31 0.24 -997 lbs -997 lbs	10-11 0.36 -150 lbs -150 lbs	16-17 0.32 -1072 lbs -1072 lbs	17-18 0.27 1046 lbs -872 lbs
31-33 0.32 -967 lbs -967 lbs	10-14 0.61 -241 lbs -241 lbs	18-19 0.25 -993 lbs -993 lbs	19-20 0.20 918 lbs -770 lbs
33-34 0.52 -772 lbs -772 lbs	14-16 0.61 -460 lbs -460 lbs	6-20 0.18 -849 lbs -849 lbs	6-21 0.07 351 lbs -337 lbs
34-36 0.52 238 lbs -194 lbs	16-18 0.54 -685 lbs -685 lbs	21-22 0.06 287 lbs -280 lbs	22-23 0.03 -142 lbs -142 lbs
8-36 0.16 76 lbs -27 lbs	18-20 0.51 -913 lbs -913 lbs	23-24 0.03 -151 lbs -151 lbs	23-26 0.01 95 lbs -26 lbs
6-22 0.25 -984 lbs -984 lbs	20-21 0.44 -1011 lbs -1011 lbs	25-26 0.07 -311 lbs -311 lbs	7-25 0.05 324 lbs -208 lbs
22-24 0.25 -1019 lbs -1019 lbs	21-23 0.21 -1057 lbs -1057 lbs	7-27 0.02 -77 lbs -77 lbs	27-29 0.01 83 lbs -27 lbs
24-26 0.27 -1019 lbs -1019 lbs	23-25 0.22 -1057 lbs -1057 lbs	28-29 0.04 -207 lbs -207 lbs	28-31 0.03 252 lbs -119 lbs
7-26 0.39 -988 lbs -988 lbs	25-27 0.22 -1056 lbs -1056 lbs	30-31 0.08 -447 lbs -447 lbs	30-33 0.06 583 lbs -358 lbs
4-5 0.18 156 lbs 0 lbs	27-28 0.19 -1037 lbs -1037 lbs	32-33 0.14 -831 lbs -831 lbs	32-34 0.11 1034 lbs -694 lbs
5-13 0.48 156 lbs -126 lbs	28-30 0.22 -1037 lbs -1037 lbs	9-34 0.18 -1120 lbs -1120 lbs	9-36 0.04 252 lbs -249 lbs
13-15 0.61 538 lbs -320 lbs	30-32 0.44 -998 lbs -998 lbs	35-36 0.01 94 lbs -83 lbs	11-13 0.06 648 lbs 0 lbs
15-17 0.50 -419 lbs -419 lbs	9-32 0.44 -821 lbs -821 lbs	2-8 0.01 -37 lbs -37 lbs	11-38 0.27 -523 lbs -523 lbs
17-19 0.47 -708 lbs -708 lbs	9-35 0.18 -371 lbs -371 lbs	37-38 0.02 191 lbs 0 lbs	
6-19 0.46 -986 lbs -986 lbs	2-35 0.18 -14 lbs -14 lbs	11-39 0.14 -265 lbs -265 lbs	
3-38 0.33 -169 lbs -169 lbs			
38-39 0.33 -169 lbs -169 lbs			
5-39 0.22 -155 lbs -155 lbs			

TRUSS RT64 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (32 - 33)	TL(V): 0 in.	L / 999	4	L / 240
BC : 0.66 (29 - 31)	LL(V): 0 in.	L / 999	4	L / 360
Web : 0.26 (8 - 33)	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: 0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
7	Pin		210 lbs	1340 lbs	0 lbs	-290 lbs	210 lbs
8	HRoll		0 lbs	1670 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4'-4-12	25'-6-9

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB35-36	4-2-13	4-2-13	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB35-36	4-2-13	4-2-13	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB35-36	4-2-13	4-2-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB35-36	4-2-13	4-2-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB35-36	4-2-13	4-2-13	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
3-10 0.15 76 lbs -27 lbs	1-9 0.19 -14 lbs -14 lbs	1-3 0.01 -38 lbs -38 lbs	7-10 0.04 -238 lbs -238 lbs
10-11 0.59 258 lbs -252 lbs	7-9 0.19 185 lbs -183 lbs	9-10 0.01 95 lbs -84 lbs	11-12 0.15 1171 lbs -910 lbs
11-13 0.58 -937 lbs -937 lbs	7-12 0.48 -774 lbs -774 lbs	7-11 0.21 -1260 lbs -1260 lbs	13-14 0.08 649 lbs -479 lbs
13-15 0.36 -1172 lbs -1172 lbs	12-14 0.48 -1026 lbs -1026 lbs	12-13 0.15 -911 lbs -911 lbs	15-16 0.03 288 lbs -178 lbs
15-17 0.28 -1215 lbs -1215 lbs	14-16 0.24 -1102 lbs -1102 lbs	14-15 0.09 -495 lbs -495 lbs	17-18 0.00 43 lbs -14 lbs
4-17 0.27 -1215 lbs -1215 lbs	16-18 0.21 -1102 lbs -1102 lbs	16-17 0.05 -237 lbs -237 lbs	4-19 0.09 428 lbs -369 lbs
4-20 0.50 -1241 lbs -1241 lbs	18-19 0.29 1241 lbs -1225 lbs	4-18 0.01 -33 lbs -33 lbs	20-21 0.04 158 lbs -150 lbs
20-22 0.37 -1300 lbs -1300 lbs	19-21 0.29 1300 lbs -1281 lbs	19-20 0.09 -405 lbs -405 lbs	21-24 0.01 82 lbs -43 lbs
22-24 0.31 -1300 lbs -1300 lbs	21-23 0.24 1300 lbs -1281 lbs	21-22 0.04 -177 lbs -177 lbs	23-26 0.06 326 lbs -240 lbs
24-26 0.34 -1270 lbs -1270 lbs	23-25 0.27 1270 lbs -1265 lbs	23-24 0.06 -274 lbs -274 lbs	25-28 0.10 571 lbs -437 lbs
26-28 0.36 -1148 lbs -1148 lbs	25-27 0.37 -1175 lbs -1175 lbs	25-26 0.11 -504 lbs -504 lbs	27-30 0.15 807 lbs -630 lbs
28-30 0.46 979 lbs -936 lbs	27-29 0.47 -1013 lbs -1013 lbs	27-28 0.16 -729 lbs -729 lbs	29-32 0.20 1079 lbs -840 lbs
30-32 0.58 745 lbs -636 lbs	29-31 0.66 -779 lbs -779 lbs	29-30 0.21 -952 lbs -952 lbs	31-33 0.23 1202 lbs -981 lbs
32-33 0.62 433 lbs -235 lbs	8-31 0.66 -467 lbs -467 lbs	31-32 0.26 -1201 lbs -1201 lbs	5-8 0.12 -554 lbs -554 lbs
5-33 0.62 212 lbs 0 lbs	8-34 0.27 -212 lbs -212 lbs	8-33 0.26 -1204 lbs -1204 lbs	34-36 0.13 -545 lbs -545 lbs
5-36 0.25 -151 lbs -151 lbs	34-35 0.27 -87 lbs -87 lbs	5-34 0.06 567 lbs 0 lbs	
6-36 0.00 -3 lbs -3 lbs	2-35 0.02 0 lbs 0 lbs	35-36 0.00 42 lbs 0 lbs	

The diagram shows a truss bridge structure with the following dimensions and member numbers:

- Dimensions:**
 - Span: 60.5
 - Height: 6.05
 - Panel Lengths: 12.0, 16.4, 17.0, 17.0, 16.4, 12.0
 - Panel Widths: 0.0, 1.7, 3.2, 4.9, 6.3, 6.4
- Member Numbers:**
 - Top Chord: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
 - Bottom Chord: 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
 - Vertical Members: 25, 26, 27, 28, 29, 30
 - Diagonal Members: 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC: 0.27 (10 - 12)	TL(V): 0 in.	L / 999	(3-13)	L / 240
BC: 0.27 (7 - 9)	LL(V): 0 in.	L / 999	(3-13)	L / 360
Web: 0.19 (9 - 12)	DL(V): 0 in.	L / 999	(3-13)	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.		8	
Web:				
	Snow/Wind 0 in.	L / 999	(3-13)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
11	HRoll		0 lbs	340 lbs	0 lbs	-170 lbs	0 lbs
14	Pin		130 lbs	340 lbs	0 lbs	0 lbs	130 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
6-0-5	6-4-9

Member Forces Summary

Top Chord				Bot Chord				Web			
3-13	0.15	-132 lbs	-132 lbs	1-14	0.04	-222 lbs	-222 lbs	5-6	0.06	-270 lbs	-270 lbs
6-13	0.24	-163 lbs	-163 lbs	5-14	0.15	-234 lbs	-234 lbs	7-8	0.04	-155 lbs	-155 lbs
6-8	0.13	-163 lbs	-163 lbs	5-7	0.15	-234 lbs	-234 lbs	9-10	0.11	519 lbs	-363 lbs
8-10	0.26	-157 lbs	-157 lbs	7-9	0.27	-186 lbs	-186 lbs	11-12	0.13	447 lbs	-352 lbs
10-12	0.27	-172 lbs	-172 lbs	9-11	0.27	-102 lbs	-102 lbs	13-14	0.07	-347 lbs	-347 lbs
4-12	0.00	-3 lbs	-3 lbs	2-11	0.01	0 lbs	0 lbs	6-7	0.02	155 lbs	-43 lbs
								7-10	0.11	-341 lbs	-341 lbs
								9-12	0.19	-490 lbs	-490 lbs
								5-13	0.03	292 lbs	-33 lbs

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.63 (13 - 15)	TL(V): 0 in.	L / 999	(3-4)	L / 240
BC : 0.60 (10 - 14)	LL(V): -0.01 in.	L / 700	(3-4)	L / 360
Web : 0.78 (10 - 13)	DL(V): 0.01 in.	L / 999	(4-5)	L / 0
	Cant / OH TL: -0.01 in.	2L / 999	(3-4)	2L / 360
	Cant / OH LL: -0.01 in.	2L / 999	(3-4)	2L / 360
	Horiz TL: 0.03 in.		3	
Web :				
	Snow/Wind 0 in.	L / 999	(3-4)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	(3-4)	L / 360

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
9	HRoll		0 lbs	1210 lbs	0 lbs	-190 lbs	0 lbs
10	Pin		-340 lbs	1690 lbs	0 lbs	-30 lbs	-340 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
7-3-0	23-3-1

Point Loads

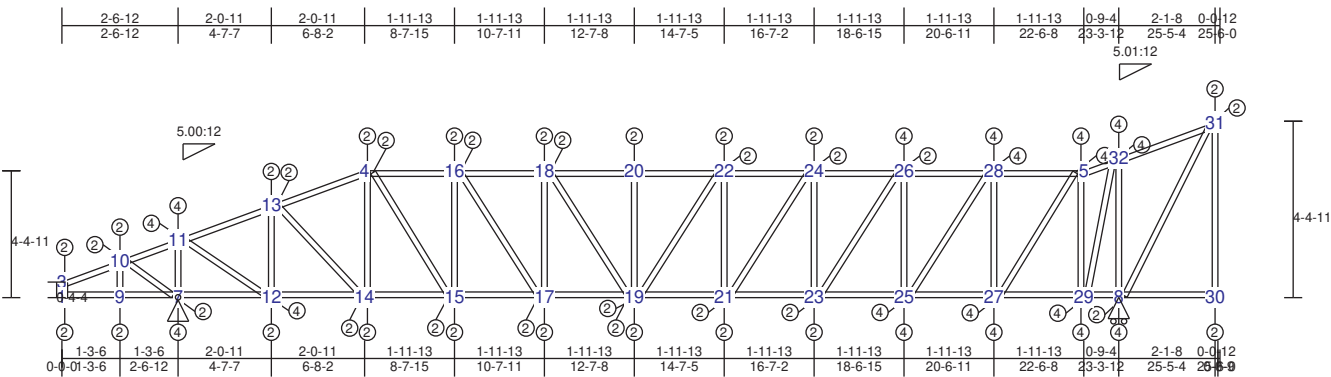
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB34-35	6-10-13	6-10-13	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Wind	Down	Global	253 lbs	253 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Wind	Down	Global	253 lbs	253 lbs	0 in.
WB34-35	6-10-13	6-10-13	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

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

[illegible]

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

TRUSS RT67 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (28 - 5)	TL(V): 0 in.	L / 999	(3-10)	L / 240
BC : 0.66 (27 - 29)	LL(V): 0 in.	L / 999	(3-10)	L / 360
Web : 0.23 (29 - 5)	DL(V): 0 in.	L / 999	(3-10)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0.02 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-10)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
7	Pin		210 lbs	1340 lbs	0 lbs	-300 lbs	210 lbs
8	HRoll		0 lbs	1680 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
4'-4-12	25'-6-9

Material Design Pass

Point Loads

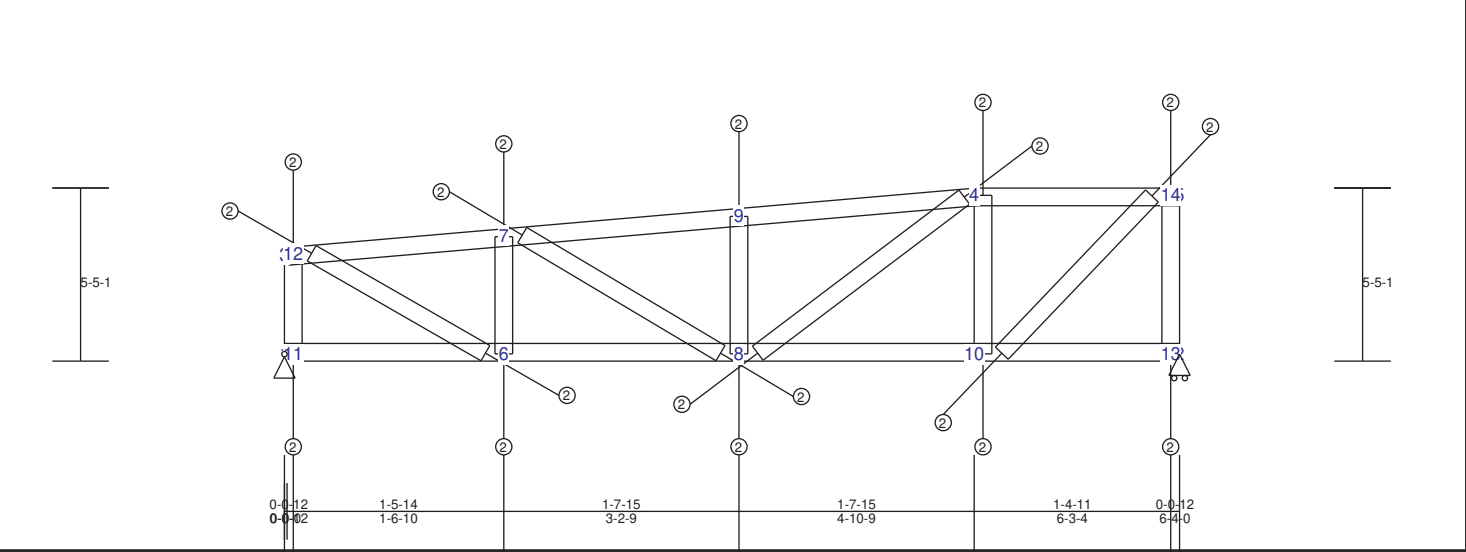
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB30-31	4-2-13	4-2-13	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB30-31	4-2-13	4-2-13	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB30-31	4-2-13	4-2-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB30-31	4-2-13	4-2-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB30-31	4-2-13	4-2-13	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
3-10 0.15 77 lbs -28 lbs	1-9 0.19 -14 lbs -14 lbs	1-3 0.01 -40 lbs -40 lbs	13-14 0.05 427 lbs -295 lbs
10-11 0.61 262 lbs -253 lbs	7-9 0.19 -179 lbs -179 lbs	9-10 0.01 100 lbs -89 lbs	4-15 0.12 724 lbs -608 lbs
11-13 0.54 -1047 lbs -1047 lbs	7-12 0.39 -900 lbs -900 lbs	7-11 0.21 -1254 lbs -1254 lbs	16-17 0.07 415 lbs -358 lbs
4-13 0.39 -1165 lbs -1165 lbs	12-14 0.39 -1088 lbs -1088 lbs	12-13 0.12 -736 lbs -736 lbs	18-19 0.03 138 lbs -134 lbs
5-32 0.58 634 lbs -342 lbs	14-15 0.36 1383 lbs -1377 lbs	4-14 0.06 -304 lbs -304 lbs	19-22 0.02 135 lbs -87 lbs
31-32 0.24 289 lbs -135 lbs	15-17 0.36 1586 lbs -1552 lbs	15-16 0.12 -648 lbs -648 lbs	21-24 0.06 413 lbs -311 lbs
6-31 0.00 -3 lbs -3 lbs	17-19 0.30 1654 lbs -1617 lbs	17-18 0.06 -319 lbs -319 lbs	23-26 0.11 691 lbs -535 lbs
4-16 0.63 -1383 lbs -1383 lbs	19-21 0.30 1654 lbs -1617 lbs	19-20 0.04 -208 lbs -208 lbs	25-28 0.15 953 lbs -748 lbs
16-18 0.47 -1586 lbs -1586 lbs	21-23 0.33 1588 lbs -1575 lbs	21-22 0.06 -328 lbs -328 lbs	5-27 0.21 1326 lbs -1042 lbs
18-20 0.37 -1654 lbs -1654 lbs	23-25 0.40 -1423 lbs -1423 lbs	23-24 0.11 -580 lbs -580 lbs	8-31 0.15 -585 lbs -585 lbs
20-22 0.38 -1654 lbs -1654 lbs	25-27 0.57 -1161 lbs -1161 lbs	25-26 0.15 -800 lbs -800 lbs	29-32 0.22 1120 lbs -1107 lbs
22-24 0.41 -1588 lbs -1588 lbs	27-29 0.66 -795 lbs -795 lbs	27-28 0.21 -1129 lbs -1129 lbs	
24-26 0.41 -1386 lbs -1386 lbs	8-29 0.57 -300 lbs -300 lbs	5-29 0.23 -1232 lbs -1232 lbs	
26-28 0.57 1057 lbs -1048 lbs	8-30 0.38 -236 lbs -236 lbs	30-31 0.00 14 lbs -2 lbs	
5-28 0.80 691 lbs -581 lbs	2-30 0.01 0 lbs 0 lbs	8-32 0.22 1158 lbs -1099 lbs	
		7-10 0.04 -228 lbs -228 lbs	
		11-12 0.16 1187 lbs -923 lbs	

TRUSS RT68 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (4 - 14)	TL(V): 0 in.	L / 999 (3-12)	L / 240
BC : 0.21 (10 - 13)	LL(V): 0 in.	L / 999 (3-12)	L / 360
Web : 0.13 (10 - 14)	DL(V): 0 in.	L / 999 (3-12)	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.	9	
	Web :		
	Snow/Wind 0 in.	L / 999 (3-12)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999 0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
11	Pin		100 lbs	340 lbs	0 lbs	0 lbs	100 lbs
13	HRoll		0 lbs	340 lbs	0 lbs	-140 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5'-5-1	6'-4-0

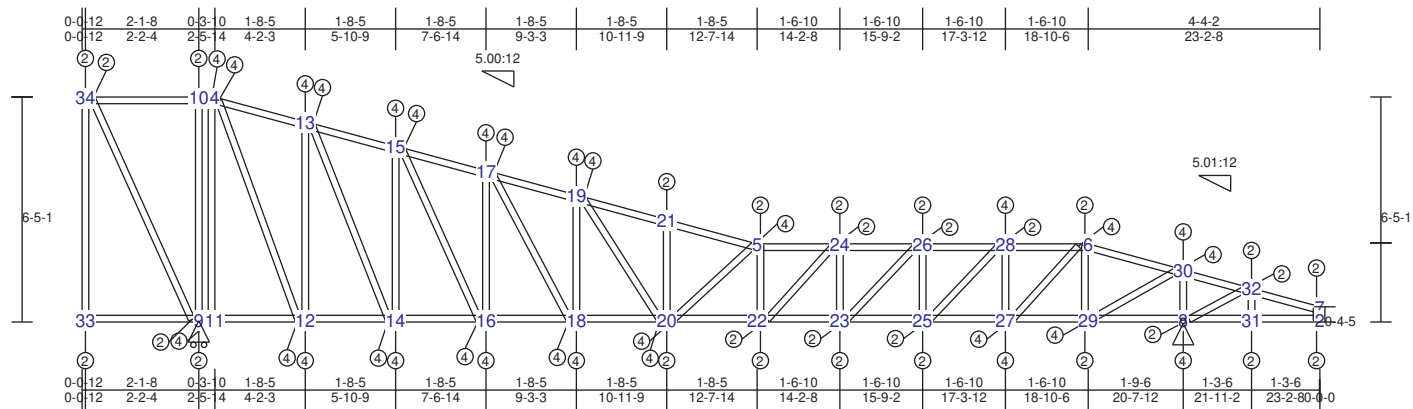
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-12 0.15 -132 lbs -132 lbs	1-11 0.03 -171 lbs -171 lbs	6-7 0.06 -268 lbs -268 lbs
7-12 0.24 -162 lbs -162 lbs	6-11 0.15 -200 lbs -200 lbs	8-9 0.05 -201 lbs -201 lbs
7-9 0.12 -170 lbs -170 lbs	6-8 0.15 -200 lbs -200 lbs	4-10 0.10 416 lbs -321 lbs
4-9 0.17 -170 lbs -170 lbs	8-10 0.18 -166 lbs -166 lbs	11-12 0.07 -347 lbs -347 lbs
4-14 0.26 77 lbs -62 lbs	10-13 0.21 -77 lbs -77 lbs	13-14 0.11 399 lbs -347 lbs
5-14 0.18 0 lbs 0 lbs	2-13 0.01 0 lbs 0 lbs	7-8 0.01 105 lbs -30 lbs
		4-8 0.11 -333 lbs -333 lbs
		6-12 0.03 295 lbs -87 lbs
		10-14 0.13 -398 lbs -398 lbs

TRUSS RT69 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (28 - 6)	TL(V): 0.02 in.	L / 999	4	L / 240
BC : 0.65 (11 - 12)	LL(V): 0.01 in.	L / 999	4	L / 360
Web : 0.43 (4 - 12)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: 0 in.	2L / 3	(32-7)	2L / 360
	Cant / OH LL: 0 in.	2L / 3	(32-7)	2L / 360
	Horiz TL: 0.03 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	(6-30)	L / 360
	Cant (Snow/Wind) 0 in.	L / 3	(32-7)	L / 360

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
8	Pin		-310 lbs	1200 lbs	0 lbs	-200 lbs	-310 lbs
9	HRoll		0 lbs	590 lbs	0 lbs	0 lbs	0 lbs
11	HRoll		0 lbs	1000 lbs	0 lbs	-340 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
6'-5-2	23'-2-8

Material Design Pass

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB33-34	6-3-9	6-3-9	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB33-34	6-3-9	6-3-9	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB33-34	6-3-9	6-3-9	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB33-34	6-3-9	6-3-9	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB33-34	6-3-9	6-3-9	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
6-30 0.49 -624 lbs	1-33 0.01 0 lbs	9-10 0.07 233 lbs	4-12 0.43 1096 lbs
30-32 0.56 227 lbs	9-33 0.25 -133 lbs	4-11 0.42 -969 lbs	13-14 0.35 1111 lbs
7-32 0.15 76 lbs	9-11 0.25 -133 lbs	12-13 0.41 -1171 lbs	15-16 0.25 1016 lbs
5-24 0.39 -1818 lbs	11-12 0.65 -279 lbs	14-15 0.29 -1036 lbs	17-18 0.20 977 lbs
24-26 0.39 -1689 lbs	12-14 0.65 -517 lbs	16-17 0.22 -960 lbs	19-20 0.16 951 lbs
26-28 0.42 -1436 lbs	14-16 0.52 -760 lbs	18-19 0.19 -954 lbs	5-20 0.14 -794 lbs
6-28 0.64 -1065 lbs	16-18 0.49 -1024 lbs	20-21 0.03 -173 lbs	22-24 0.03 254 lbs
3-34 0.16 0 lbs	18-20 0.52 1360 lbs	5-22 0.02 -106 lbs	23-26 0.06 482 lbs
10-34 0.25 133 lbs	20-22 0.54 1818 lbs	23-24 0.07 -410 lbs	25-28 0.08 708 lbs
4-10 0.50 133 lbs	22-23 0.35 1818 lbs	25-26 0.09 -563 lbs	6-27 0.12 1010 lbs
4-13 0.53 508 lbs	23-25 0.33 1689 lbs	27-28 0.14 -859 lbs	29-30 0.11 966 lbs
13-15 0.53 -487 lbs	25-27 0.44 1436 lbs	6-29 0.11 -692 lbs	8-32 0.04 233 lbs
15-17 0.46 -795 lbs	27-29 0.44 -1169 lbs	8-30 0.18 -1116 lbs	9-34 0.22 -475 lbs
17-19 0.42 -1141 lbs	8-29 0.31 -817 lbs	31-32 0.01 97 lbs	
19-21 0.45 -1515 lbs	8-31 0.19 -332 lbs	2-7 0.01 -39 lbs	
5-21 0.42 -1689 lbs	2-31 0.19 -14 lbs	33-34 0.00 17 lbs	

Technical drawing of a truss structure, showing dimensions and member labels. The structure is a long, low truss with a central section that is slightly higher. The overall length is 44.11, and the height is 4.4. The truss is composed of several members, including top chords, bottom chords, and diagonal bracing. The members are labeled with numbers (1-40) and letters (A-H). The dimensions are given in feet and inches (e.g., 44.11, 4.4, 1-3.6, 2-1.12, etc.). The drawing includes a scale bar and a north arrow.

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.66 (4 - 22)	TL(V) : 0.02 in.	L / 999	(11-41)	L / 240
BC : 0.67 (27 - 48)	LL(V) : -0.01 in.	L / 999	(11-41)	L / 360
Web : 0.98 (40 - 10)	DL(V) : -0.01 in.	L / 999	(11-41)	L / 0
	Cant / OH TL : -0.01 in.	2L / 4	(44-12)	2L / 360
	Cant / OH LL : -0.01 in.	2L / 4	(44-12)	2L / 360
	Horiz TL : 0.05 in.		12	
Web :				
	Snow/Wind 0 in.	L / 999	(11-41)	L / 360
	Cant (Snow/Wind) 0 in.	L / 13	(44-12)	L / 360

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
13	Pin		170 lbs	1250 lbs	0 lbs	-250 lbs	170 lbs
14	HRoll		0 lbs	750 lbs	0 lbs	0 lbs	0 lbs
16	HRoll		0 lbs	1240 lbs	0 lbs	-410 lbs	0 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
4-4-12	25-6-9

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB43-44	4-2-13	4-2-13	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB16-38	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs	0 in.
WB15-39	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs	0 in.
WB43-44	4-2-13	4-2-13	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB16-38	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs	0 in.
WB15-39	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs	0 in.
WB43-44	4-2-13	4-2-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB16-38	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB15-39	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB43-44	4-2-13	4-2-13	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB16-38	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB15-39	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB43-44	4-2-13	4-2-13	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.
WB16-38	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB15-39	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.

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

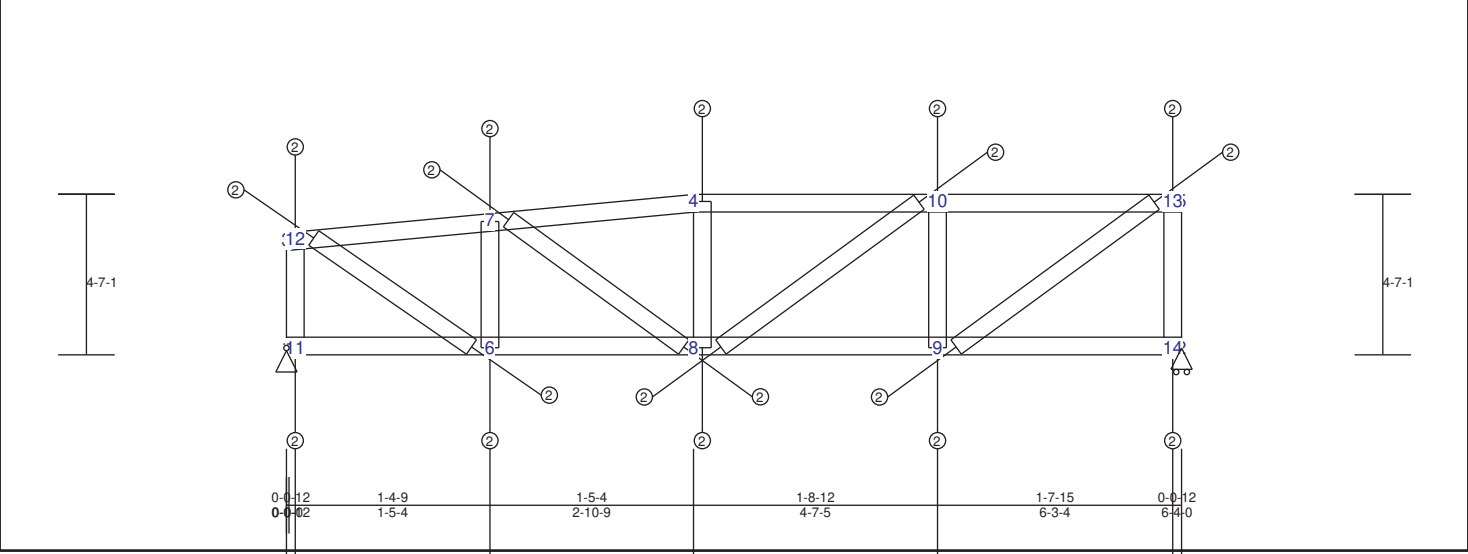
3-18	0.14	76 lbs	-27 lbs
18-19	0.61	-230 lbs	-230 lbs
4-19	0.53	-769 lbs	-769 lbs
4-22	0.66	-1129 lbs	-1129 lbs

- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft². This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

TRUSS RT70 (spacing 24 in)

Top Chord				Bot Chord				Web			
22-24	0.42	-1467 lbs	-1467 lbs	1-17	0.20	-14 lbs	-14 lbs	1-3	0.01	-41 lbs	-41 lbs
24-26	0.39	-1706 lbs	-1706 lbs	13-17	0.20	167 lbs	-160 lbs	17-18	0.01	99 lbs	-88 lbs
5-26	0.39	-1836 lbs	-1836 lbs	13-20	0.28	-719 lbs	-719 lbs	13-19	0.19	-1165 lbs	-1165 lbs
5-46	0.57	-1768 lbs	-1768 lbs	20-21	0.45	1129 lbs	-1065 lbs	4-20	0.11	-657 lbs	-657 lbs
6-46	0.43	-1437 lbs	-1437 lbs	21-23	0.45	1467 lbs	-1318 lbs	21-22	0.15	-887 lbs	-887 lbs
6-7	0.16	-232 lbs	-232 lbs	23-25	0.31	1706 lbs	-1492 lbs	23-24	0.10	-597 lbs	-597 lbs
7-8	0.18	-228 lbs	-228 lbs	25-27	0.31	1836 lbs	-1578 lbs	25-26	0.07	-434 lbs	-434 lbs
8-45	0.39	-1393 lbs	-1393 lbs	27-48	0.67	1836 lbs	-1578 lbs	5-27	0.03	-169 lbs	-169 lbs
9-45	0.33	-1459 lbs	-1459 lbs	29-48	0.67	1570 lbs	-1350 lbs	9-31	0.12	-721 lbs	-721 lbs
9-33	0.42	-1340 lbs	-1340 lbs	29-47	0.29	1321 lbs	-1132 lbs	32-33	0.16	-943 lbs	-943 lbs
33-35	0.49	-1015 lbs	-1015 lbs	31-47	0.30	1340 lbs	-1150 lbs	34-35	0.18	-1093 lbs	-1093 lbs
35-37	0.59	-603 lbs	-603 lbs	31-32	0.46	1340 lbs	-1150 lbs	36-37	0.22	-1303 lbs	-1303 lbs
37-38	0.62	415 lbs	-319 lbs	32-34	0.53	1015 lbs	-897 lbs	16-38	0.20	-1194 lbs	-1194 lbs
38-39	0.57	415 lbs	-319 lbs	34-36	0.67	603 lbs	-575 lbs	15-39	0.04	433 lbs	-172 lbs
10-39	0.63	320 lbs	-76 lbs	16-36	0.67	-415 lbs	-415 lbs	10-40	0.98	-243 lbs	-243 lbs
11-41	0.24	338 lbs	-95 lbs	15-16	0.27	-415 lbs	-415 lbs	10-11	0.50	165 lbs	-120 lbs
41-44	0.23	326 lbs	-139 lbs	15-40	0.27	-320 lbs	-320 lbs	14-41	0.02	-123 lbs	-123 lbs
12-44	0.00	-3 lbs	-3 lbs	14-40	0.35	-320 lbs	-320 lbs	29-42	0.10	623 lbs	-529 lbs
6-42	0.58	-1061 lbs	-1061 lbs	14-43	0.35	-259 lbs	-259 lbs	43-44	0.00	13 lbs	-7 lbs
8-42	0.58	-1061 lbs	-1061 lbs	2-43	0.01	0 lbs	0 lbs	45-47	0.01	73 lbs	-59 lbs
								46-48	0.11	765 lbs	-646 lbs
								13-18	0.03	211 lbs	-207 lbs
								19-20	0.13	1023 lbs	-741 lbs
								4-21	0.13	1006 lbs	-768 lbs
								22-23	0.09	719 lbs	-539 lbs
								24-25	0.06	511 lbs	-371 lbs
								26-27	0.04	288 lbs	-206 lbs
								31-33	0.12	864 lbs	-672 lbs
								32-35	0.14	1037 lbs	-812 lbs
								34-37	0.17	1247 lbs	-986 lbs
								36-38	0.17	1314 lbs	-1014 lbs
								16-39	0.04	439 lbs	-172 lbs
								40-41	0.04	400 lbs	-199 lbs
								14-44	0.17	-642 lbs	-642 lbs
								29-45	0.02	-83 lbs	-83 lbs
								9-47	0.01	-56 lbs	-56 lbs
								29-46	0.12	-644 lbs	-644 lbs
								5-48	0.14	-797 lbs	-797 lbs

TRUSS RT71 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.24 (10 - 13)	TL(V): 0 in.	L / 999	(3-12)	L / 240
BC : 0.17 (8 - 9)	LL(V): 0 in.	L / 999	(3-12)	L / 360
Web : 0.09 (9 - 13)	DL(V): 0 in.	L / 999	(3-12)	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 in.	L / 999	(3-12)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
	11	Pin	60 lbs	340 lbs	0 lbs	0 lbs	-30 lbs	60 lbs
	14	HRoll	0 lbs	330 lbs	0 lbs	-110 lbs	0 lbs	0 lbs

Materials	Type	Material	Bracing	Material Exceptions	Material	Bracing
	Top Chd	350S150-43(50)	Sheathing			
	Bot Chd	350S150-43(50)	Sheathing			
	Web	350S150-43(50)	Unbraced			

Truss Dimensions	Max Height	Max Width
	4-7-1	6-4-0

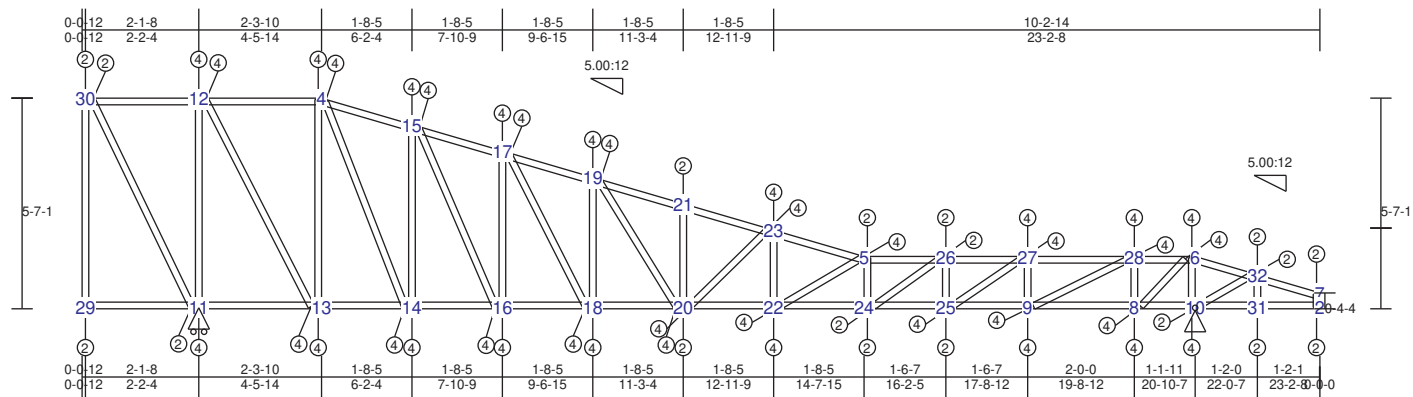
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-12 0.15 -131 lbs -131 lbs	1-11 0.02 -101 lbs -101 lbs	6-7 0.06 -292 lbs -292 lbs
7-12 0.24 -165 lbs -165 lbs	6-11 0.16 -150 lbs -150 lbs	4-8 0.02 -79 lbs -79 lbs
4-7 0.13 -165 lbs -165 lbs	6-8 0.16 -150 lbs -150 lbs	9-10 0.08 334 lbs -304 lbs
4-10 0.20 137 lbs -114 lbs	8-9 0.17 -137 lbs -137 lbs	11-12 0.07 -345 lbs -345 lbs
10-13 0.24 98 lbs -93 lbs	9-14 0.17 -98 lbs -98 lbs	13-14 0.09 -339 lbs -339 lbs
5-13 0.16 0 lbs 0 lbs	2-14 0.00 0 lbs 0 lbs	7-8 0.01 64 lbs -12 lbs
		8-10 0.04 -133 lbs -133 lbs
		6-12 0.03 305 lbs -158 lbs
		9-13 0.09 -331 lbs -331 lbs

TRUSS RT72 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (28 - 8)	TL(V): 0.03 in.	L / 999	4	L / 240
BC : 0.62 (20 - 22)	LL(V): 0.01 in.	L / 999	4	L / 360
Web : 0.38 (11 - 12)	DL(V): 0.01 in.	L / 999	4	L / 0
	Cant / OH TL: -0.01 in.	2L / 130	(6-32)	2L / 360
	Cant / OH LL: -0.01 in.	2L / 130	(6-32)	2L / 360
	Horiz TL: 0.03 in.		12	
	Web :			
	Snow/Wind -0.01 in.	L / 999	4	L / 360
	Cant (Snow/Wind) 0 in.	L / 260	(6-32)	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
10	Pin		-270 lbs	1200 lbs	0 lbs	-220 lbs	-270 lbs
11	HRoll		0 lbs	1580 lbs	0 lbs	-10 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
5'-7-2	23'-2-8

Material Design Pass

Point Loads

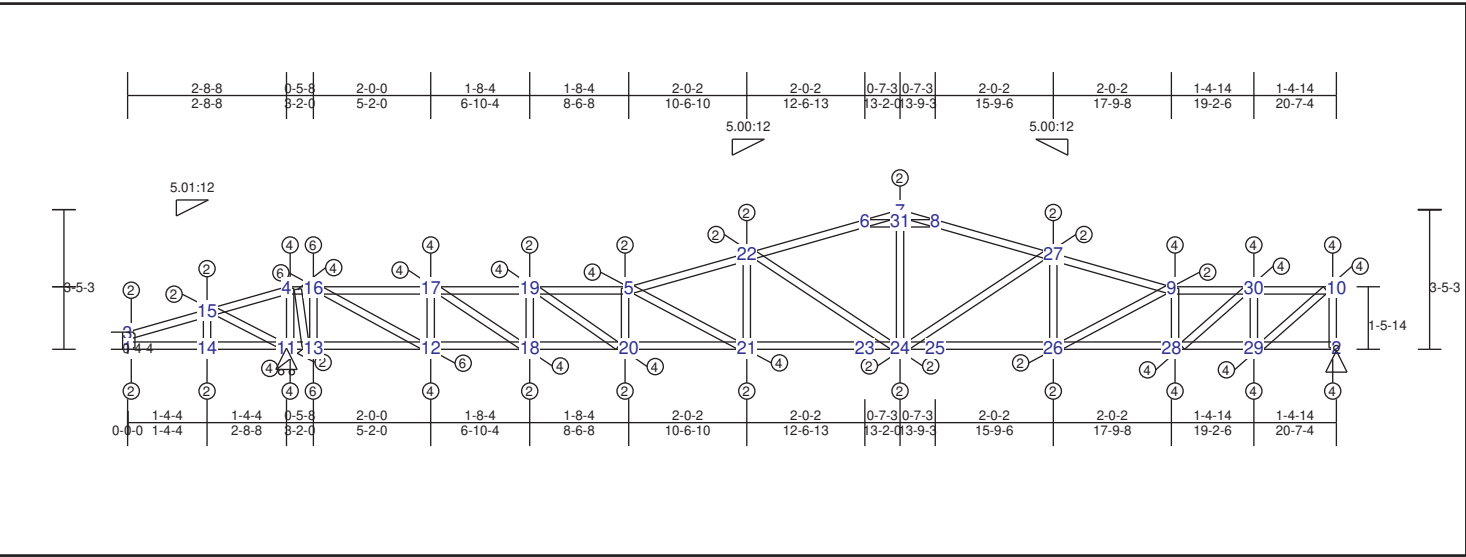
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB29-30	5-5-9	5-5-9	Concentrated	Dead	Down	Global	130 lbs	130 lbs	0 in.
WB29-30	5-5-9	5-5-9	Concentrated	Live	Down	Global	195 lbs	195 lbs	0 in.
WB29-30	5-5-9	5-5-9	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB29-30	5-5-9	5-5-9	Concentrated	Wind	Down	Global	254 lbs	254 lbs	0 in.
WB29-30	5-5-9	5-5-9	Concentrated	Wind	Down	Global	72 lbs	72 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
5-26	0.59	-2900 lbs	-2900 lbs	1-29	0.01	0 lbs	0 lbs	11-12	0.38	-1151 lbs	-1151 lbs	15-16	0.25	1030 lbs	-893 lbs
26-27	0.53	-2431 lbs	-2431 lbs	11-29	0.24	-145 lbs	-145 lbs	4-13	0.35	-1036 lbs	-1036 lbs	17-18	0.20	1010 lbs	-856 lbs
27-28	0.54	-1750 lbs	-1750 lbs	11-13	0.58	-350 lbs	-350 lbs	14-15	0.29	-1084 lbs	-1084 lbs	19-20	0.17	988 lbs	-818 lbs
6-28	0.72	-563 lbs	-563 lbs	13-14	0.54	-610 lbs	-610 lbs	16-17	0.22	-968 lbs	-968 lbs	20-23	0.16	-923 lbs	-923 lbs
6-32	0.23	245 lbs	-139 lbs	14-16	0.54	-868 lbs	-868 lbs	18-19	0.19	-978 lbs	-978 lbs	5-22	0.18	-1103 lbs	-1103 lbs
7-32	0.15	67 lbs	-24 lbs	16-18	0.50	-1154 lbs	-1154 lbs	20-21	0.03	-151 lbs	-151 lbs	24-26	0.08	670 lbs	-512 lbs
4-15	0.54	664 lbs	-609 lbs	18-20	0.53	1519 lbs	-1478 lbs	22-23	0.11	829 lbs	-639 lbs	25-27	0.12	949 lbs	-709 lbs
15-17	0.49	-913 lbs	-913 lbs	20-22	0.62	2055 lbs	-1907 lbs	5-24	0.07	-416 lbs	-416 lbs	9-28	0.18	1454 lbs	-1075 lbs
17-19	0.42	-1286 lbs	-1286 lbs	22-24	0.49	2900 lbs	-2552 lbs	25-26	0.11	-648 lbs	-648 lbs	6-8	0.18	1438 lbs	-1076 lbs
19-21	0.48	-1687 lbs	-1687 lbs	24-25	0.49	2900 lbs	-2552 lbs	9-27	0.14	-824 lbs	-824 lbs	11-30	0.17	-455 lbs	-455 lbs
21-23	0.51	-1902 lbs	-1902 lbs	9-25	0.47	2431 lbs	-2194 lbs	8-28	0.20	-1198 lbs	-1198 lbs	10-32	0.05	-292 lbs	-292 lbs
5-23	0.63	-2794 lbs	-2794 lbs	8-9	0.62	1750 lbs	-1685 lbs	6-10	0.18	-1117 lbs	-1117 lbs				
3-30	0.16	0 lbs	0 lbs	8-10	0.62	-807 lbs	-807 lbs	2-7	0.01	30 lbs	-29 lbs				
12-30	0.60	145 lbs	0 lbs	10-31	0.14	-225 lbs	-225 lbs	29-30	0.00	16 lbs	0 lbs				
4-12	0.60	350 lbs	-192 lbs	2-31	0.14	-14 lbs	-14 lbs	31-32	0.01	74 lbs	-68 lbs				
								12-13	0.30	1000 lbs	-801 lbs				
								4-14	0.35	1151 lbs	-989 lbs				

TRUSS RT73 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (30 - 10)	TL(V): 0.03 in.	L / 999	5	L / 240
BC: 0.91 (11 - 13)	LL(V): 0.02 in.	L / 999	5	L / 360
Web: 0.27 (13 - 16)	DL(V): 0.01 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: -0.02 in.		7	
	Web:			
	Snow/Wind -0.01 in.	L / 999	5	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table							
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	Pin	160 lbs	990 lbs	0 lbs	0 lbs	-180 lbs	160 lbs
11	HRoll	0 lbs	1300 lbs	0 lbs	0 lbs	-260 lbs	0 lbs
Materials				Material Exceptions			
Type	Material	Bracing	Section	Material	Bracing		
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions

Max Height 3-5-4
Max Width 20-7-4

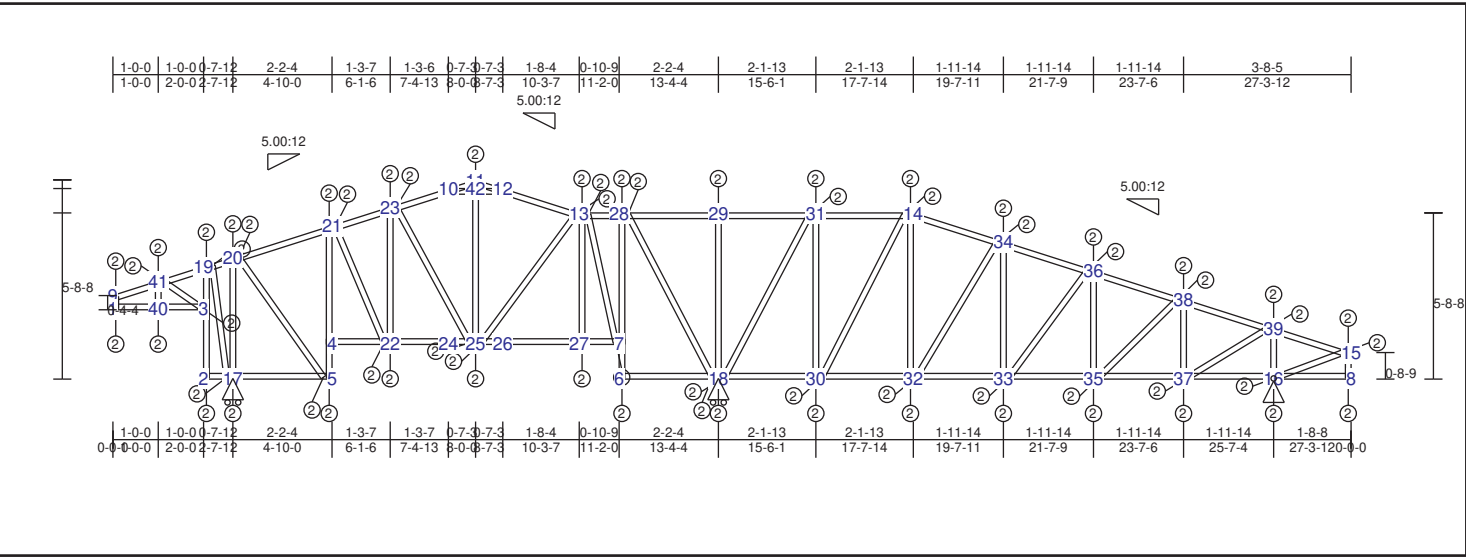
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-15	0.24	40 lbs	-8 lbs	11-14	0.12	-14 lbs	-14 lbs	1-3	0.01	23 lbs	-20 lbs
4-15	0.31	211 lbs	-107 lbs	11-14	0.40	198 lbs	-194 lbs	14-15	0.00	-24 lbs	-24 lbs
4-16	0.56	194 lbs	-97 lbs	11-13	0.91	198 lbs	-194 lbs	4-11	0.15	-902 lbs	-902 lbs
16-17	0.64	-1277 lbs	-1277 lbs	12-13	0.91	1277 lbs	-930 lbs	13-16	0.27	-1656 lbs	-1656 lbs
17-19	0.69	-2076 lbs	-2076 lbs	12-18	0.50	2076 lbs	-1516 lbs	12-17	0.17	-1016 lbs	-1016 lbs
5-19	0.69	-2665 lbs	-2665 lbs	18-20	0.43	2665 lbs	-1949 lbs	18-19	0.13	-776 lbs	-776 lbs
5-22	0.56	-2614 lbs	-2614 lbs	20-21	0.41	2665 lbs	-1949 lbs	5-20	0.09	-524 lbs	-524 lbs
6-22	0.47	-1860 lbs	-1860 lbs	21-24	0.35	1949 lbs	-1401 lbs	21-22	0.08	593 lbs	-475 lbs
6-7	0.26	-314 lbs	-314 lbs	24-26	0.29	1604 lbs	-1177 lbs	26-27	0.01	76 lbs	-71 lbs
7-8	0.27	-312 lbs	-312 lbs	26-28	0.31	1669 lbs	-1254 lbs	9-28	0.14	-864 lbs	-864 lbs
8-27	0.39	-1667 lbs	-1667 lbs	28-29	0.66	1669 lbs	-1254 lbs	29-30	0.21	-1255 lbs	-1255 lbs
9-27	0.44	-1816 lbs	-1816 lbs	2-29	0.66	893 lbs	-668 lbs	2-10	0.17	-1032 lbs	-1032 lbs
9-30	0.57	-1669 lbs	-1669 lbs					24-31	0.11	731 lbs	-596 lbs
10-30	0.75	-893 lbs	-893 lbs					11-15	0.04	243 lbs	-243 lbs
6-31	0.69	-1079 lbs	-1079 lbs					4-13	0.17	1356 lbs	-1048 lbs
8-31	0.69	-1079 lbs	-1079 lbs					12-16	0.22	1721 lbs	-1307 lbs
								17-18	0.14	1117 lbs	-832 lbs
								19-20	0.10	841 lbs	-621 lbs
								5-21	0.15	-908 lbs	-908 lbs
								9-26	0.01	97 lbs	-83 lbs
								28-30	0.16	1268 lbs	-958 lbs
								10-29	0.18	1460 lbs	-1115 lbs
								24-27	0.06	-294 lbs	-294 lbs
								22-24	0.15	-775 lbs	-775 lbs

TRUSS RT74 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (19 - 20)	TL(V): 0.01 in.	L / 999	(9-41)	L / 240
BC : 0.45 (6 - 18)	LL(V): 0 in.	L / 999	(9-41)	L / 360
Web : 0.73 (4 - 21)	DL(V): 0 in.	L / 999	(9-41)	L / 0
	Cant / OH TL: 0 in.	2L / 999	(9-41)	2L / 360
	Cant / OH LL: 0 in.	2L / 999	(9-41)	2L / 360
	Horiz TL: -0.03 in.			
	Web :			
	Snow/Wind 0 in.	L / 999	(1-40)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	(1-40)	L / 360

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
16	Pin		-130 lbs	720 lbs	0 lbs	-120 lbs	-130 lbs
17	HRoll		0 lbs	800 lbs	0 lbs	-180 lbs	0 lbs
18	HRoll		-130 lbs	1500 lbs	0 lbs	-120 lbs	-130 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
5'-8-9	27'-3-12

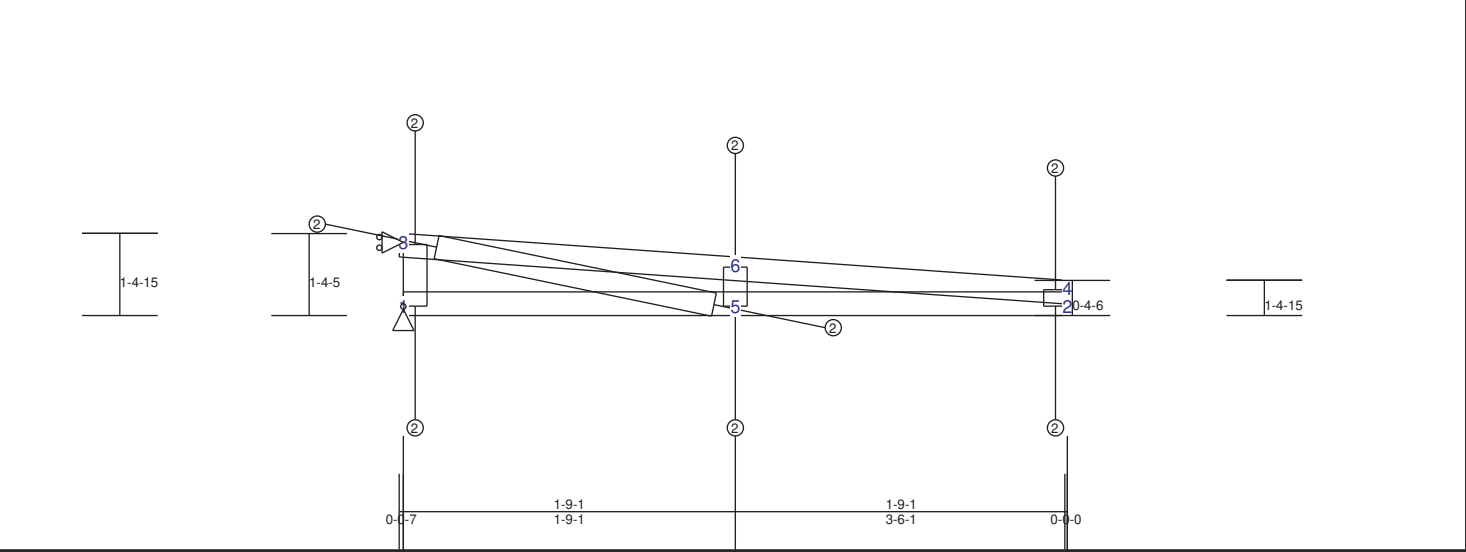
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
9-41 0.10 39 lbs -9 lbs	6-18 0.45 -313 lbs -313 lbs	1-9 0.01 25 lbs -24 lbs	18-28 0.20 -696 lbs -696 lbs
19-41 0.21 130 lbs -55 lbs	18-30 0.45 -313 lbs -313 lbs	2-3 0.31 44 lbs -40 lbs	18-31 0.22 -750 lbs -750 lbs
19-20 0.38 191 lbs -134 lbs	30-32 0.27 164 lbs -158 lbs	3-19 0.41 147 lbs -136 lbs	14-30 0.16 -541 lbs -541 lbs
20-21 0.33 346 lbs -277 lbs	32-33 0.16 313 lbs -312 lbs	17-20 0.11 -580 lbs -580 lbs	32-34 0.09 370 lbs -358 lbs
21-23 0.15 357 lbs -277 lbs	33-35 0.10 -416 lbs -416 lbs	4-5 0.31 -355 lbs -355 lbs	33-36 0.04 213 lbs -173 lbs
10-23 0.14 357 lbs -249 lbs	35-37 0.18 -416 lbs -416 lbs	4-21 0.73 -452 lbs -452 lbs	35-38 0.01 86 lbs -27 lbs
10-11 0.11 36 lbs -4 lbs	16-37 0.18 -415 lbs -415 lbs	22-23 0.03 -122 lbs -122 lbs	37-39 0.06 514 lbs -347 lbs
11-12 0.08 41 lbs -4 lbs	8-16 0.03 -145 lbs -145 lbs	13-27 0.00 16 lbs -5 lbs	15-16 0.01 71 lbs -63 lbs
12-13 0.23 353 lbs -251 lbs	4-22 0.38 217 lbs -125 lbs	6-7 0.11 5 lbs 0 lbs	3-41 0.02 -128 lbs -128 lbs
13-28 0.38 242 lbs -65 lbs	22-25 0.13 217 lbs -125 lbs	7-28 0.57 644 lbs -452 lbs	13-25 0.04 310 lbs -151 lbs
28-29 0.30 313 lbs -97 lbs	25-27 0.13 209 lbs -108 lbs	18-29 0.04 -167 lbs -167 lbs	23-25 0.01 62 lbs -20 lbs
29-31 0.36 313 lbs -97 lbs	7-27 0.38 56 lbs -51 lbs	30-31 0.10 495 lbs -400 lbs	
14-31 0.27 306 lbs -164 lbs	2-17 0.13 -78 lbs -78 lbs	14-32 0.09 353 lbs -349 lbs	
14-34 0.23 320 lbs -243 lbs	5-17 0.24 127 lbs -79 lbs	33-34 0.04 -194 lbs -194 lbs	
34-36 0.18 -407 lbs -407 lbs	1-40 0.09 -14 lbs -14 lbs	35-36 0.01 -35 lbs -35 lbs	
36-38 0.20 -467 lbs -467 lbs	3-40 0.21 -95 lbs -95 lbs	37-38 0.05 -324 lbs -324 lbs	
38-39 0.29 -450 lbs -450 lbs		16-39 0.11 -689 lbs -689 lbs	
15-39 0.33 162 lbs -157 lbs		8-15 0.02 3 lbs 0 lbs	
10-42 0.18 355 lbs -250 lbs		40-41 0.00 15 lbs -9 lbs	
12-42 0.18 355 lbs -250 lbs		25-42 0.06 -242 lbs -242 lbs	
		17-19 0.05 277 lbs -277 lbs	
		5-20 0.07 430 lbs -305 lbs	
		21-22 0.03 257 lbs -127 lbs	
		7-13 0.14 -655 lbs -655 lbs	

TRUSS RT75 (spacing 24 in)



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

Max CSI Summary	Deflection	L	(Loc)	Max. Allowed
TC : 0.40 (6 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.38 (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: -0.02 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		480 lbs	360 lbs	0 lbs	-60 lbs	480 lbs
3	VRoll		-480 lbs	0 lbs	0 lbs	0 lbs	-480 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

Max Height	Max Width
1-5-0	3-6-8

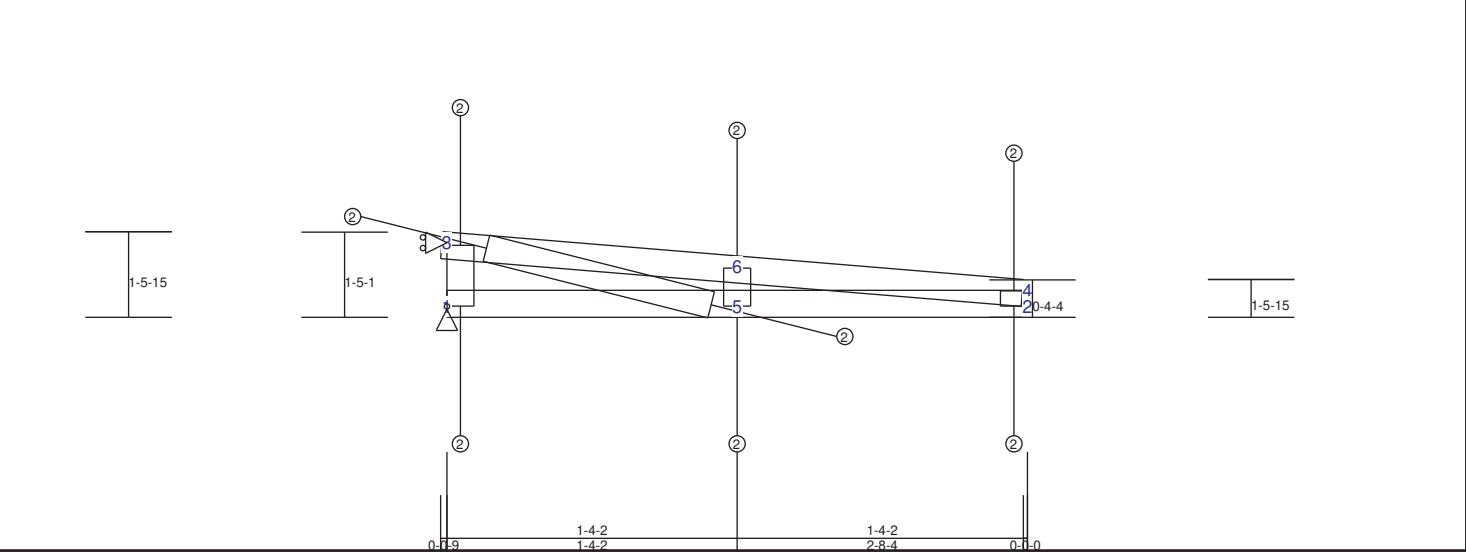
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.28	576 lbs	-410 lbs	1-5	0.38	-478 lbs	-478 lbs	1-3	0.12	-414 lbs	-414 lbs
4-6	0.40	91 lbs	-49 lbs	2-5	0.22	-14 lbs	-14 lbs	5-6	0.05	-323 lbs	-323 lbs
								2-4	0.01	22 lbs	-22 lbs
								3-5	0.09	633 lbs	-550 lbs

TRUSS RT76 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (6 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.26 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		260 lbs	280 lbs	0 lbs	-40 lbs	260 lbs
3	VRoll		-260 lbs	0 lbs	0 lbs	0 lbs	-260 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

Max Height	Max Width
1-5-15	2-8-13

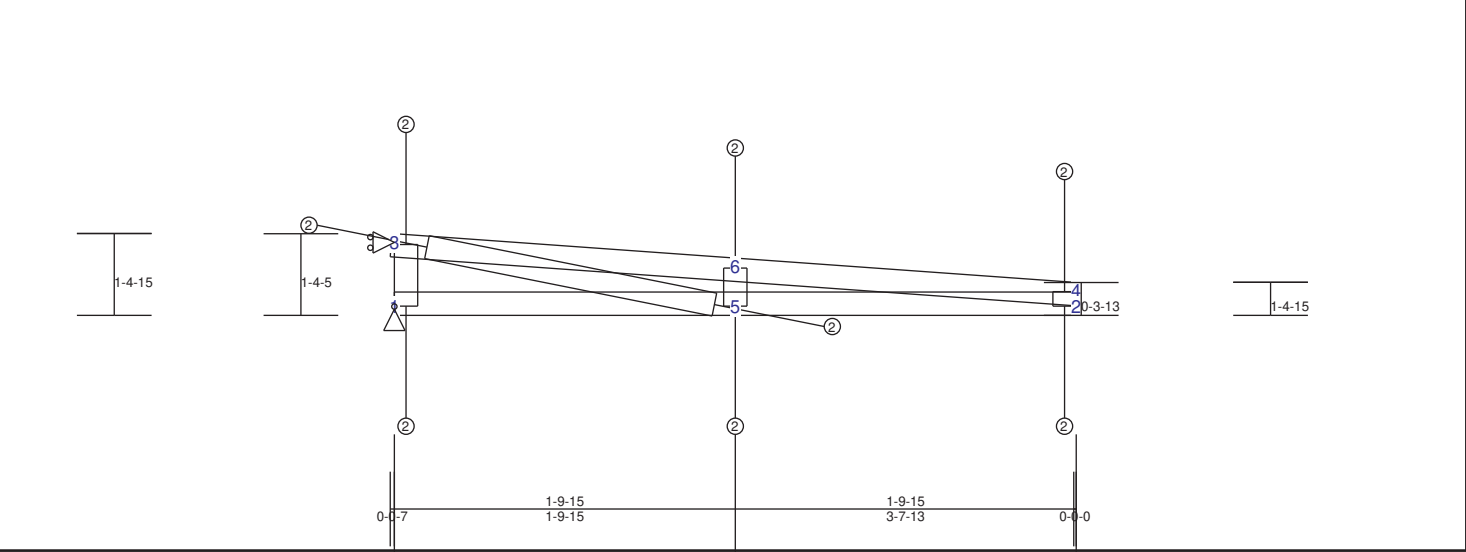
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.19	370 lbs	-242 lbs	1-5	0.26	-264 lbs	-264 lbs	2-4	0.01	16 lbs	-14 lbs
4-6	0.26	105 lbs	-55 lbs	2-5	0.15	-14 lbs	-14 lbs	5-6	0.04	-261 lbs	-261 lbs
								1-3	0.12	-327 lbs	-327 lbs
								3-5	0.07	428 lbs	-398 lbs

TRUSS RT77 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (6 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC :	0.41 (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: -0.02 in.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		520 lbs	370 lbs	0 lbs	-60 lbs	520 lbs
3	VRoll		-520 lbs	0 lbs	0 lbs	0 lbs	-520 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Sheathing	

Truss Dimensions

Max Height	Max Width
1-5-1	3-8-4

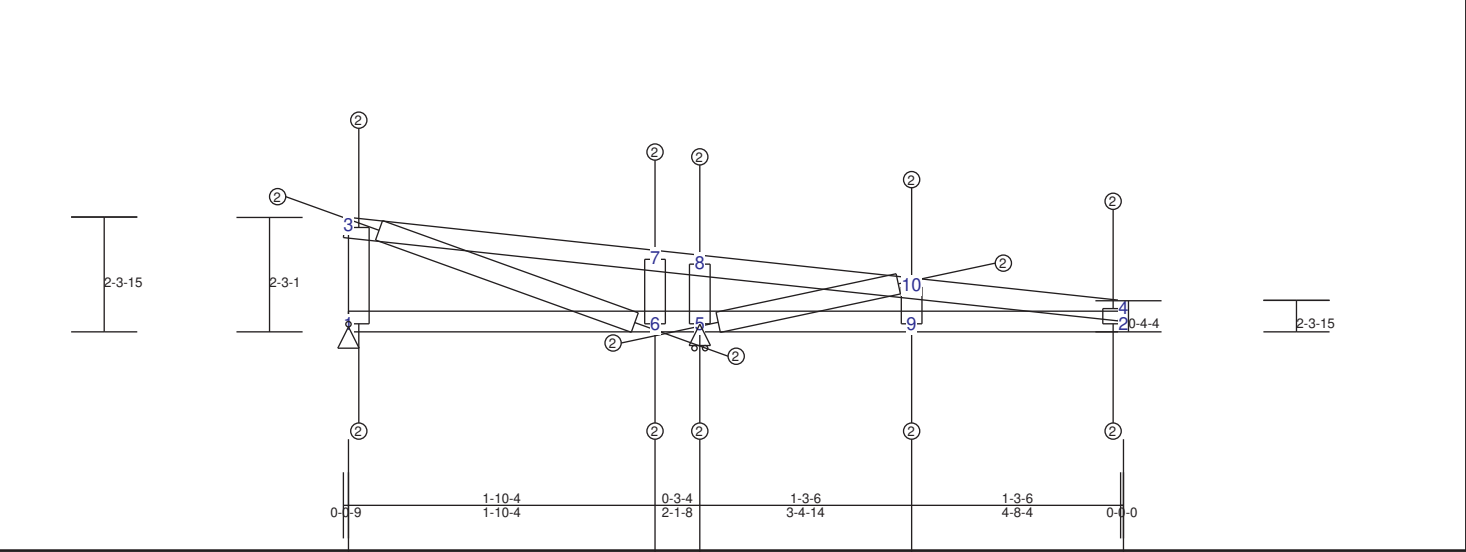
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.31	621 lbs	-445 lbs	1-5	0.41	-521 lbs	-521 lbs	1-3	0.12	-430 lbs	-430 lbs
4-6	0.43	94 lbs	-50 lbs	2-5	0.24	-12 lbs	-12 lbs	5-6	0.05	-334 lbs	-334 lbs
								2-4	0.01	-23 lbs	-23 lbs
								3-5	0.10	674 lbs	-585 lbs

TRUSS RT78 (spacing 24 in)



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

Max CSI Summary	Deflection	L/	(Loc)	Max. Allowed
TC : 0.35 (8 - 10)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.53 (6 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.25 (1 - 3)	DL(V): 0 in.	L / 999	3	L / 0
	Cant / OH TL: 0 in.	2L / 742	(8-10)	2L / 360
	Cant / OH LL: 0 in.	2L / 742	(8-10)	2L / 360
	Horiz TL: 0.01 in.		3	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table							
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin	-240 lbs	80 lbs	0 lbs	0 lbs	0 lbs	-240 lbs
5	HRoll	0 lbs	1370 lbs	0 lbs	0 lbs	0 lbs	0 lbs
Materials		Material Exceptions					
Type	Material	Bracing	Section	Material	Bracing		
Top Chd	350S150-43(50)	Sheathing					
Bot Chd	350S150-43(50)	Sheathing					
Web	350S150-43(50)	Unbraced					

Truss Dimensions	
Max Height	Max Width
2-4-0	4-8-13

Material Design Pass

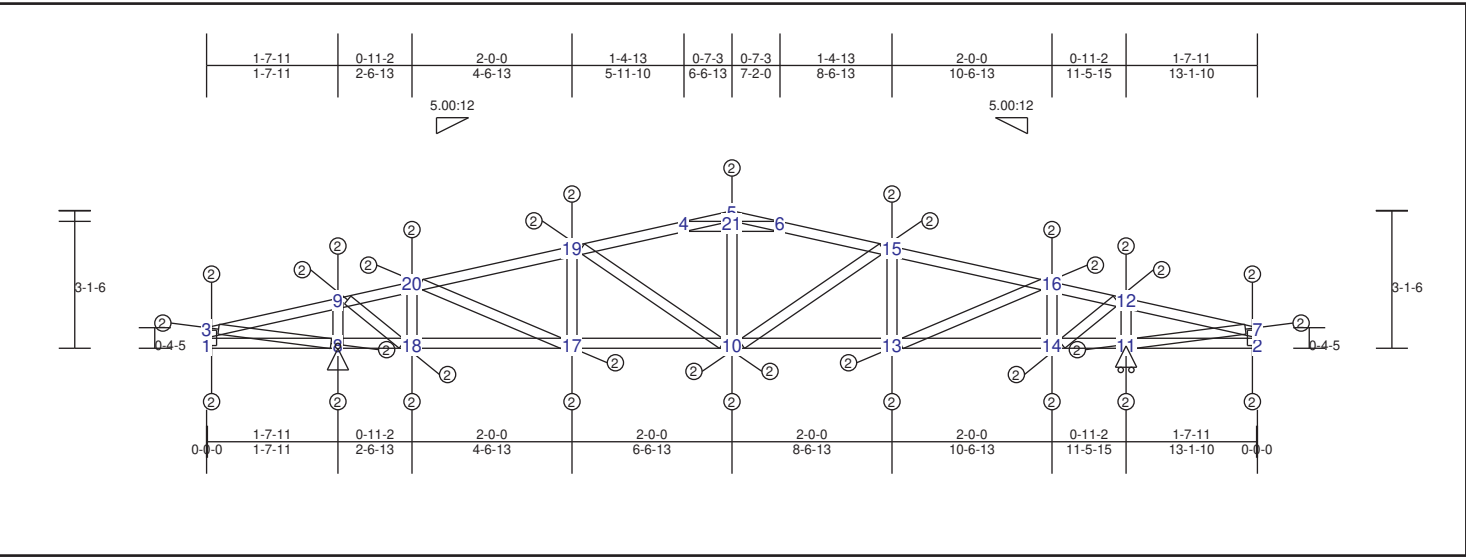
Point Loads									
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB6-7	0-0-0	0-0-0	Concentrated	Dead	Down	Global	380 lbs	380 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Live	Down	Global	570 lbs	570 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	741 lbs	741 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	741 lbs	741 lbs	0 in.
WB6-7	0-0-0	0-0-0	Concentrated	Wind	Down	Global	209 lbs	209 lbs	0 in.

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.22	-164 lbs	-164 lbs	1-6	0.42	298 lbs	-98 lbs	1-3	0.25	94 lbs	-77 lbs
7-8	0.31	-338 lbs	-338 lbs	5-6	0.53	298 lbs	-98 lbs	5-8	0.09	-529 lbs	-529 lbs
8-10	0.35	-338 lbs	-338 lbs	5-9	0.53	298 lbs	-98 lbs	9-10	0.02	-123 lbs	-123 lbs
4-10	0.19	-37 lbs	-37 lbs	2-9	0.18	-14 lbs	-14 lbs	2-4	0.01	36 lbs	-24 lbs
								6-7	0.04	452 lbs	0 lbs
								3-6	0.03	232 lbs	-169 lbs
								5-10	0.04	382 lbs	-128 lbs

TRUSS RT79 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (3 - 9)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.29 (8 - 18)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.13 (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.		14	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table								Max Horizontal			
P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift		-40 lbs	0 lbs		
8	Pin		-40 lbs	760 lbs	0 lbs	-130 lbs					
11	HRoll		0 lbs	760 lbs	0 lbs	-130 lbs					
Materials		Material Exceptions						Max Horizontal			
Type	Material	Bracing	Section	Material	Bracing						
Top Chd	350S150-43(50)	Sheathing									
Bot Chd	350S150-43(50)	Sheathing									
Web	350S150-43(50)	Unbraced									

Truss Dimensions

Max Height	Max Width
3'-1-7	13'-1-10

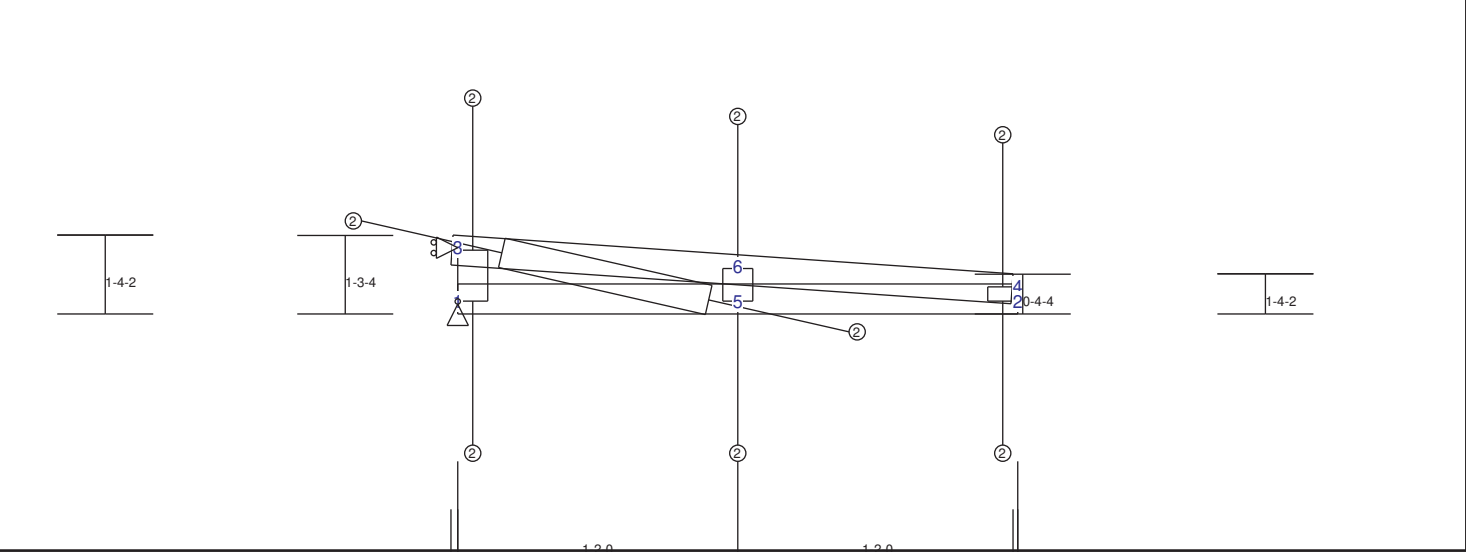
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-9	0.34	-169 lbs	-169 lbs	1-8	0.04	110 lbs	-80 lbs	1-3	0.01	3 lbs	-1 lbs
9-20	0.32	-470 lbs	-470 lbs	8-18	0.29	297 lbs	-247 lbs	8-9	0.13	-777 lbs	-777 lbs
19-20	0.22	-611 lbs	-611 lbs	17-18	0.27	534 lbs	-388 lbs	11-12	0.13	-777 lbs	-777 lbs
4-19	0.17	-599 lbs	-599 lbs	10-17	0.08	534 lbs	-388 lbs	2-7	0.01	3 lbs	-1 lbs
4-5	0.05	-115 lbs	-115 lbs	10-13	0.08	534 lbs	-368 lbs	18-20	0.09	-547 lbs	-547 lbs
5-6	0.05	-115 lbs	-115 lbs	13-14	0.27	534 lbs	-368 lbs	17-19	0.03	-160 lbs	-160 lbs
6-15	0.17	-599 lbs	-599 lbs	11-14	0.29	297 lbs	-220 lbs	13-15	0.03	-160 lbs	-160 lbs
15-16	0.22	-611 lbs	-611 lbs	2-11	0.04	90 lbs	-80 lbs	14-16	0.09	-547 lbs	-547 lbs
12-16	0.32	-470 lbs	-470 lbs					10-21	0.02	-112 lbs	-112 lbs
7-12	0.34	-169 lbs	-169 lbs					3-8	0.01	88 lbs	-83 lbs
4-21	0.13	-415 lbs	-415 lbs					7-11	0.01	88 lbs	-83 lbs
6-21	0.13	-415 lbs	-415 lbs					9-18	0.08	688 lbs	-498 lbs
								17-20	0.03	302 lbs	-184 lbs
								10-19	0.01	81 lbs	-31 lbs
								10-15	0.01	84 lbs	-31 lbs
								13-16	0.03	302 lbs	-189 lbs
								12-14	0.08	687 lbs	-492 lbs

TRUSS RT80 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Squares indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC :	0.22 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.10 (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: -0.01 in.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		220 lbs	240 lbs	0 lbs	-40 lbs	220 lbs
3	VRoll		-220 lbs	0 lbs	0 lbs	0 lbs	-220 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Sheathing			

Truss Dimensions

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

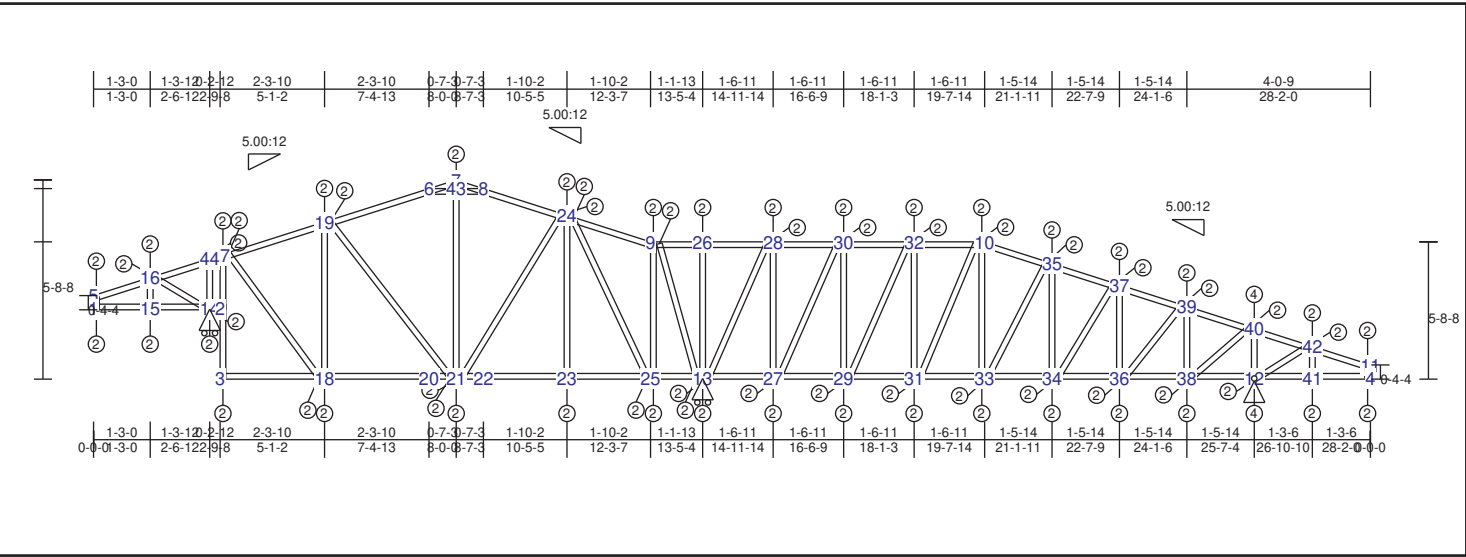
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.15	314 lbs	-205 lbs	1-5	0.22	-221 lbs	-221 lbs	2-4	0.01	12 lbs	-11 lbs
4-6	0.20	93 lbs	-50 lbs	2-5	0.13	-14 lbs	-14 lbs	5-6	0.04	-233 lbs	-233 lbs
								1-3	0.10	-286 lbs	-286 lbs
								3-5	0.06	374 lbs	-349 lbs

TRUSS RT81 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (16 - 44)	TL(V): 0 in.	L / 999	(19-6)	L / 240
BC :	0.48 (15 - 14)	LL(V): 0 in.	L / 999	(19-6)	L / 360
Web :	0.53 (2 - 17)	DL(V): 0 in.	L / 999	(5-16)	L / 0
		Cant / OH TL: 0 in.	2L / 999	0	2L / 0
		Cant / OH LL: 0 in.	2L / 999	0	2L / 0
		Horiz TL: 0.02 in.		5	
		Web :			
		Snow/Wind 0 in.	L / 999	(5-16)	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
12	Pin		-140 lbs	930 lbs	0 lbs	-130 lbs	-140 lbs
13	HRoll		0 lbs	1250 lbs	0 lbs	-240 lbs	0 lbs
14	HRoll		0 lbs	930 lbs	0 lbs	-170 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
5-8-9	28-2-0

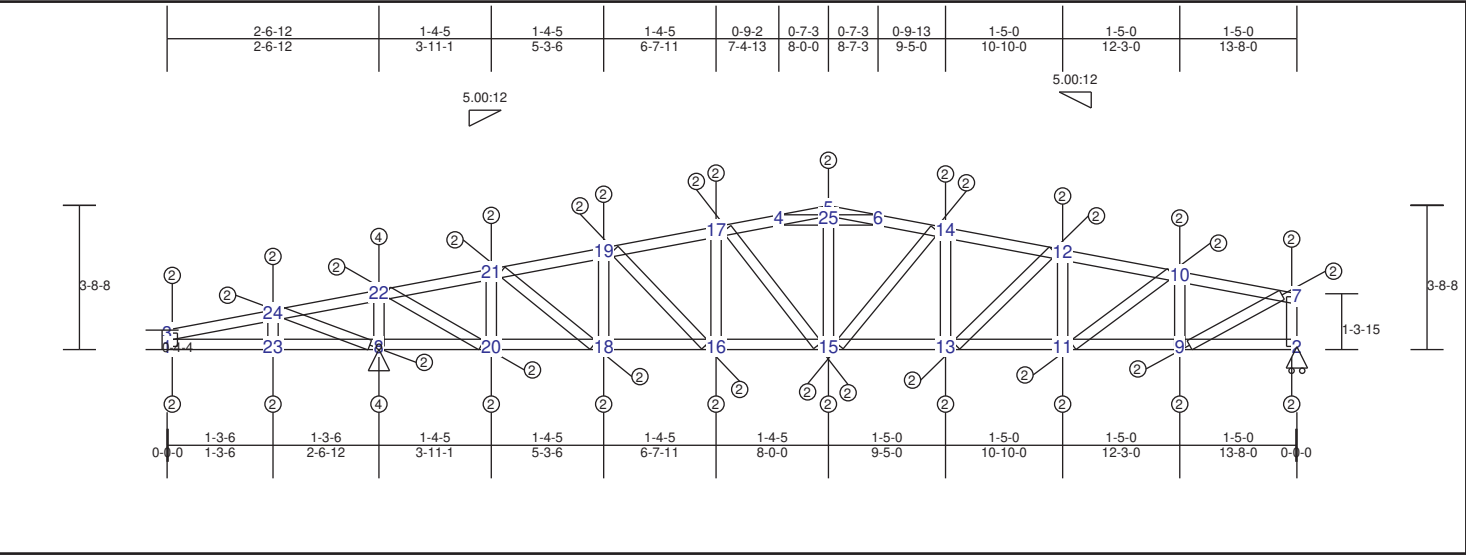
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web				Web			
5-16	0.17	35 lbs	-10 lbs	3-18	0.23	236 lbs	-144 lbs	1-5	0.01	27 lbs	-25 lbs	27-30	0.11	-500 lbs	-500 lbs
16-44	0.40	141 lbs	-51 lbs	18-21	0.23	316 lbs	-173 lbs	15-16	0.00	-19 lbs	-19 lbs	29-32	0.06	-282 lbs	-282 lbs
17-44	0.38	85 lbs	-5 lbs	21-23	0.06	316 lbs	-173 lbs	2-3	0.20	-12 lbs	-12 lbs	10-31	0.02	110 lbs	-72 lbs
17-19	0.39	394 lbs	-370 lbs	23-25	0.22	276 lbs	-162 lbs	2-17	0.53	-633 lbs	-633 lbs	33-35	0.02	179 lbs	-116 lbs
6-19	0.26	398 lbs	-386 lbs	13-25	0.44	128 lbs	-56 lbs	18-19	0.11	-442 lbs	-442 lbs	34-37	0.01	75 lbs	-5 lbs
6-7	0.10	53 lbs	-10 lbs	13-27	0.44	180 lbs	-119 lbs	23-24	0.00	30 lbs	-16 lbs	36-39	0.04	352 lbs	-196 lbs
10-35	0.14	-524 lbs	-524 lbs	27-29	0.26	340 lbs	-264 lbs	9-25	0.06	426 lbs	-294 lbs	38-40	0.08	734 lbs	-496 lbs
35-37	0.16	-562 lbs	-562 lbs	29-31	0.15	429 lbs	-352 lbs	13-26	0.00	-7 lbs	-7 lbs	12-42	0.04	-268 lbs	-268 lbs
37-39	0.22	-562 lbs	-562 lbs	31-33	0.11	451 lbs	-385 lbs	27-28	0.09	449 lbs	-405 lbs	19-21	0.02	156 lbs	-57 lbs
39-40	0.37	-470 lbs	-470 lbs	33-34	0.10	493 lbs	-451 lbs	29-30	0.06	307 lbs	-288 lbs	21-24	0.01	95 lbs	-39 lbs
40-42	0.38	246 lbs	-137 lbs	34-36	0.12	493 lbs	-461 lbs	31-32	0.02	-103 lbs	-103 lbs	14-16	0.02	127 lbs	-121 lbs
11-42	0.16	76 lbs	-27 lbs	36-38	0.31	462 lbs	-461 lbs	10-33	0.04	-173 lbs	-173 lbs				
9-26	0.39	179 lbs	-128 lbs	12-38	0.31	-360 lbs	-360 lbs	34-35	0.01	-48 lbs	-48 lbs				
26-28	0.29	215 lbs	-180 lbs	12-41	0.18	207 lbs	-207 lbs	36-37	0.04	-256 lbs	-256 lbs				
28-30	0.24	-340 lbs	-340 lbs	4-41	0.18	-14 lbs	-14 lbs	38-39	0.10	-578 lbs	-578 lbs				
30-32	0.17	-429 lbs	-429 lbs	1-15	0.13	-14 lbs	-14 lbs	12-40	0.14	-821 lbs	-821 lbs				
10-32	0.15	453 lbs	-451 lbs	14-15	0.48	104 lbs	-95 lbs	41-42	0.01	93 lbs	-82 lbs				
7-8	0.11	53 lbs	-11 lbs	2-14	0.48	104 lbs	-95 lbs	4-11	0.01	-36 lbs	-36 lbs				
8-24	0.17	405 lbs	-370 lbs					21-43	0.06	-196 lbs	-196 lbs				
9-24	0.23	408 lbs	-387 lbs					14-44	0.03	-176 lbs	-176 lbs				
6-43	0.18	434 lbs	-373 lbs					17-18	0.07	524 lbs	-326 lbs				
8-43	0.18	434 lbs	-373 lbs					24-25	0.12	-436 lbs	-436 lbs				
								9-13	0.16	-707 lbs	-707 lbs				
								13-28	0.14	-629 lbs	-629 lbs				

TRUSS RT82 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (10 - 7)	TL(V): 0 in.	L / 999	(5-6)	L / 240
BC : 0.33 (8 - 20)	LL(V): 0 in.	L / 999	(5-6)	L / 360
Web : 0.14 (8 - 22)	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: 0.01 in.		3	
	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 AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
2	HRoll		0 lbs	620 lbs	0 lbs	-120 lbs	0 lbs
8	Pin		150 lbs	950 lbs	0 lbs	-180 lbs	150 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-8-9	13-8-0

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-6	0.05	-114 lbs	-114 lbs	1-23	0.18	-14 lbs	-14 lbs	2-7	0.13	-639 lbs	-639 lbs
6-14	0.15	-576 lbs	-576 lbs	8-23	0.18	-206 lbs	-206 lbs	9-10	0.09	-524 lbs	-524 lbs
12-14	0.17	-635 lbs	-635 lbs	8-20	0.33	-366 lbs	-366 lbs	11-12	0.03	-173 lbs	-173 lbs
10-12	0.22	-635 lbs	-635 lbs	18-20	0.33	-489 lbs	-489 lbs	13-14	0.01	-57 lbs	-57 lbs
7-10	0.44	-585 lbs	-585 lbs	16-18	0.15	517 lbs	-496 lbs	16-17	0.02	-107 lbs	-107 lbs
3-24	0.16	75 lbs	-26 lbs	15-16	0.11	522 lbs	-496 lbs	18-19	0.05	-309 lbs	-309 lbs
22-24	0.39	246 lbs	-136 lbs	13-15	0.11	555 lbs	-500 lbs	20-21	0.10	-638 lbs	-638 lbs
21-22	0.40	-475 lbs	-475 lbs	11-13	0.09	555 lbs	-502 lbs	8-22	0.14	-844 lbs	-844 lbs
19-21	0.24	-587 lbs	-587 lbs	9-11	0.28	553 lbs	-502 lbs	23-24	0.01	92 lbs	-81 lbs
17-19	0.16	-587 lbs	-587 lbs	2-9	0.28	417 lbs	-396 lbs	1-3	0.01	-36 lbs	-36 lbs
4-17	0.14	-576 lbs	-576 lbs					15-25	0.03	-135 lbs	-135 lbs
4-5	0.05	-113 lbs	-113 lbs					7-9	0.09	653 lbs	-518 lbs
4-25	0.15	437 lbs	-425 lbs					10-11	0.03	262 lbs	-205 lbs
6-25	0.15	437 lbs	-425 lbs					12-13	0.01	60 lbs	-12 lbs
								14-15	0.02	125 lbs	-92 lbs
								16-19	0.01	126 lbs	-42 lbs
								18-21	0.04	415 lbs	-262 lbs
								20-22	0.09	762 lbs	-530 lbs
								8-24	0.04	-267 lbs	-267 lbs
								15-17	0.01	56 lbs	-10 lbs

Max CSI Summary	Deflection	L (in)	(Loc)	Max. Allowed
TC : 0.71 (22 - 20)	TL(V) : 0 in.	L / 999	(4-15)	L / 240
BC : 0.91 (21 - 19)	LL(V) : 0 in.	L / 999	(4-15)	L / 360
Web : 0.23 (19 - 20)	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 : -0.01 in.		4	
Web :				
	Snow/Wind 0 in.	L / 999	(4-15)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
6	Pin		-510 lbs	1230 lbs	0 lbs	0 lbs	-510 lbs
21	VRoll		0 lbs	950 lbs	0 lbs	0 lbs	0 lbs
22	HRoll		0 lbs	950 lbs	0 lbs	0 lbs	0 lbs

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Max Height	Max Width
3-1-2	14-6-0

Point Loads

Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB4-13	0-0-0	0-0-0	Concentrated	Dead	Down	Global	160 lbs	160 lbs	0 in.
WB19-20	0-0-0	0-0-0	Concentrated	Dead	Down	Global	76 lbs	76 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Dead	Down	Global	76 lbs	76 lbs	0 in.
WB9-10	0-0-0	0-0-0	Concentrated	Dead	Down	Global	76 lbs	76 lbs	0 in.
WB11-12	0-0-0	0-0-0	Concentrated	Dead	Down	Global	76 lbs	76 lbs	0 in.
WB4-13	0-0-0	0-0-0	Concentrated	Live	Down	Global	240 lbs	240 lbs	0 in.
WB19-20	0-0-0	0-0-0	Concentrated	Live	Down	Global	114 lbs	114 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Live	Down	Global	114 lbs	114 lbs	0 in.
WB9-10	0-0-0	0-0-0	Concentrated	Live	Down	Global	114 lbs	114 lbs	0 in.
WB11-12	0-0-0	0-0-0	Concentrated	Live	Down	Global	114 lbs	114 lbs	0 in.
WB4-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	310 lbs	310 lbs	0 in.
WB19-20	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB9-10	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB11-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB4-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	310 lbs	310 lbs	0 in.
WB19-20	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB9-10	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB11-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	148 lbs	148 lbs	0 in.
WB4-13	0-0-0	0-0-0	Concentrated	Wind	Down	Global	90 lbs	90 lbs	0 in.
WB19-20	0-0-0	0-0-0	Concentrated	Wind	Down	Global	42 lbs	42 lbs	0 in.
WB7-8	0-0-0	0-0-0	Concentrated	Wind	Down	Global	42 lbs	42 lbs	0 in.
WB9-10	0-0-0	0-0-0	Concentrated	Wind	Down	Global	42 lbs	42 lbs	0 in.
WB11-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	42 lbs	42 lbs	0 in.

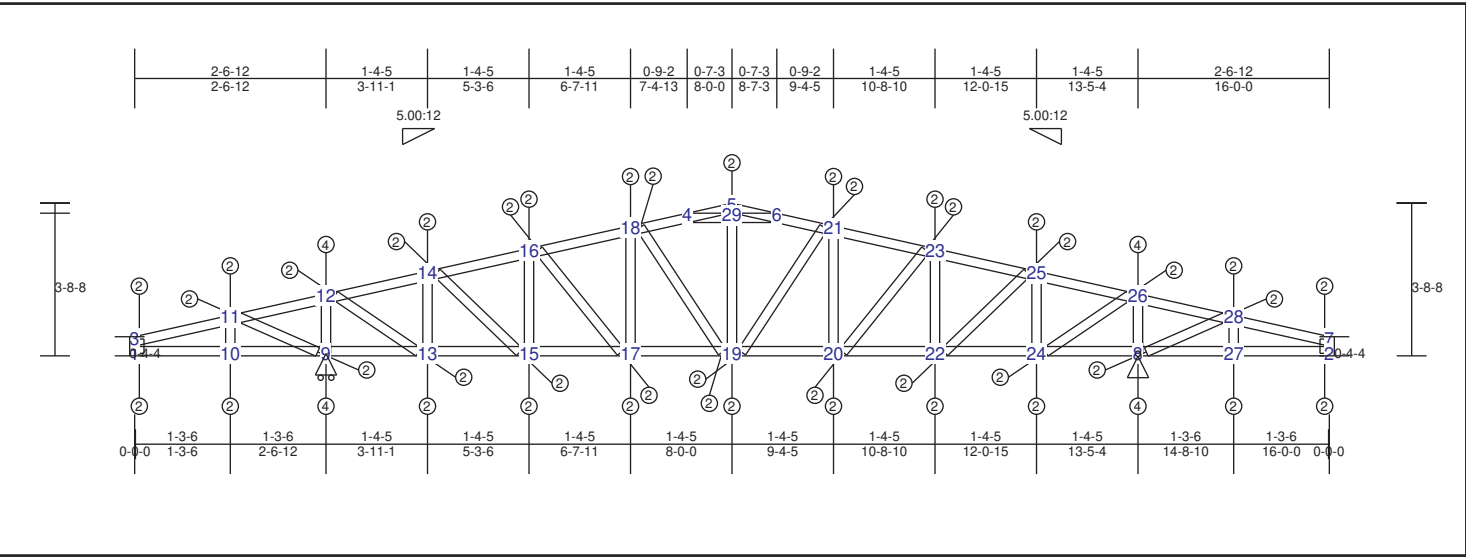
- 1) This Truss has been designed in accordance with AISI 2016.
- 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft². This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 4) Snow Criteria: None
- 5) For Wall Truss when sheathed Ly = 12 inches is used

TRUSS RT83 (spacing 24 in)

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

Top Chord				Bot Chord				Web			
4-15	0.36	-1266 lbs	-1266 lbs	1-21	0.02	0 lbs	0 lbs	7-8	0.11	-594 lbs	-594 lbs
15-16	0.53	-1121 lbs	-1121 lbs	19-21	0.91	77 lbs	0 lbs	9-10	0.03	-141 lbs	-141 lbs
16-18	0.57	-320 lbs	-320 lbs	7-19	0.91	592 lbs	0 lbs	11-12	0.03	258 lbs	0 lbs
5-18	0.11	51 lbs	-18 lbs	7-9	0.37	797 lbs	0 lbs	4-13	0.04	410 lbs	0 lbs
3-22	0.46	-512 lbs	-512 lbs	9-11	0.17	797 lbs	0 lbs	14-15	0.13	-770 lbs	-770 lbs
20-22	0.71	-589 lbs	-589 lbs	11-13	0.26	794 lbs	0 lbs	6-16	0.20	-1196 lbs	-1196 lbs
8-20	0.70	-1104 lbs	-1104 lbs	13-14	0.41	636 lbs	0 lbs	17-18	0.01	66 lbs	-54 lbs
8-10	0.42	-1309 lbs	-1309 lbs	6-14	0.41	-610 lbs	-610 lbs	2-5	0.00	-28 lbs	-28 lbs
10-12	0.30	-1309 lbs	-1309 lbs	6-17	0.12	-610 lbs	-610 lbs	19-20	0.23	-1261 lbs	-1261 lbs
4-12	0.33	-1306 lbs	-1306 lbs	2-17	0.12	-9 lbs	-9 lbs	21-22	0.18	-992 lbs	-992 lbs
								8-9	0.04	409 lbs	0 lbs
								10-11	0.01	54 lbs	-8 lbs
								12-13	0.08	-437 lbs	-437 lbs
								13-15	0.05	540 lbs	0 lbs
								14-16	0.12	1166 lbs	0 lbs
								6-18	0.02	198 lbs	-127 lbs
								7-20	0.10	1028 lbs	0 lbs
								19-22	0.14	1371 lbs	0 lbs

TRUSS RT84 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (25 - 26)	TL(V): 0 in.	L / 999	(5-6)	L / 240
BC : 0.31 (22 - 24)	LL(V): 0 in.	L / 999	(5-6)	L / 360
Web : 0.13 (9 - 12)	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: -0.01 in.		7	
	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 AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
8	Pin		-40 lbs	910 lbs	0 lbs	-150 lbs	-40 lbs
9	HRoll		0 lbs	910 lbs	0 lbs	-180 lbs	0 lbs

Materials

Type	Material	Bracing
Top Chd	350S150-43(50)	Sheathing
Bot Chd	350S150-43(50)	Sheathing
Web	350S150-43(50)	Unbraced

Truss Dimensions

Max Height	Max Width
3'-8-9	16'-0-0

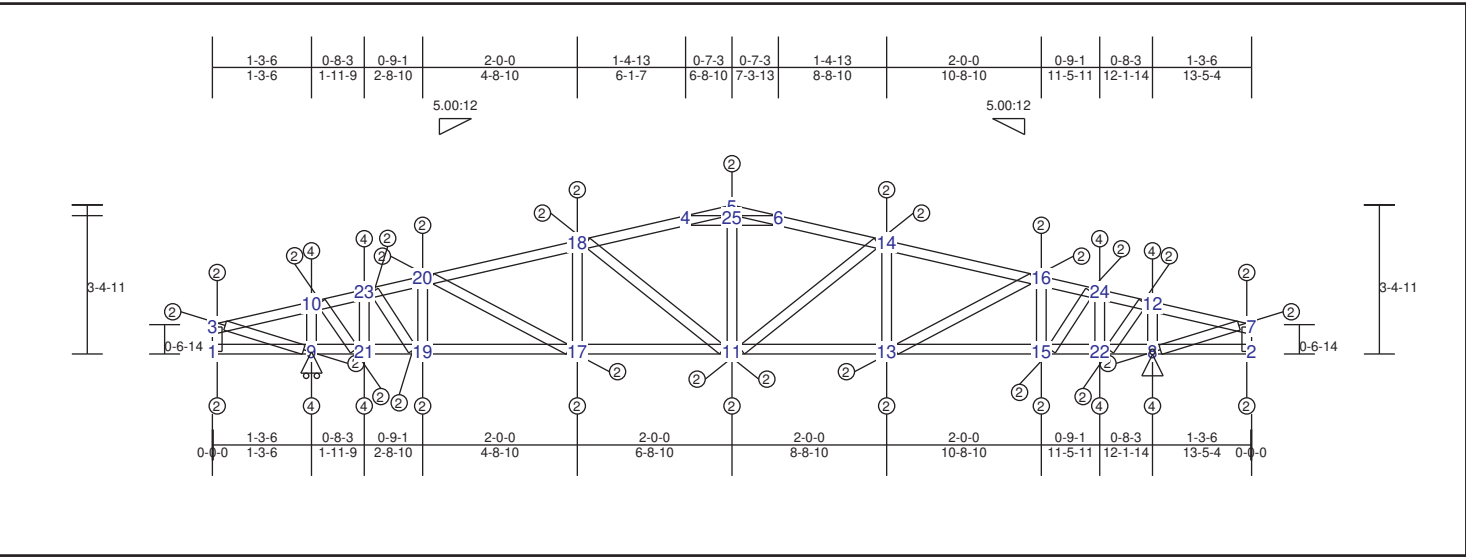
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
5-6	0.04	-107 lbs	-107 lbs	1-10	0.16	-9 lbs	-9 lbs	1-3	0.01	-36 lbs	-36 lbs
6-21	0.12	-508 lbs	-508 lbs	9-10	0.16	-209 lbs	-209 lbs	10-11	0.01	91 lbs	-34 lbs
21-23	0.15	-530 lbs	-530 lbs	9-13	0.31	237 lbs	-209 lbs	9-12	0.13	-800 lbs	-800 lbs
23-25	0.23	-530 lbs	-530 lbs	13-15	0.31	423 lbs	-113 lbs	13-14	0.10	-600 lbs	-600 lbs
25-26	0.37	-431 lbs	-431 lbs	15-17	0.14	463 lbs	-118 lbs	15-16	0.05	-283 lbs	-283 lbs
26-28	0.37	247 lbs	-60 lbs	17-19	0.07	463 lbs	-118 lbs	17-18	0.02	-80 lbs	-80 lbs
7-28	0.15	75 lbs	-14 lbs	19-20	0.07	463 lbs	-123 lbs	20-21	0.02	-80 lbs	-80 lbs
3-11	0.15	75 lbs	-14 lbs	20-22	0.14	463 lbs	-123 lbs	22-23	0.05	-283 lbs	-283 lbs
11-12	0.37	247 lbs	-60 lbs	22-24	0.31	422 lbs	-122 lbs	24-25	0.10	-600 lbs	-600 lbs
12-14	0.37	-431 lbs	-431 lbs	8-24	0.31	236 lbs	-209 lbs	8-26	0.13	-800 lbs	-800 lbs
14-16	0.23	-530 lbs	-530 lbs	8-27	0.16	-209 lbs	-209 lbs	27-28	0.01	91 lbs	-34 lbs
16-18	0.15	-530 lbs	-530 lbs	2-27	0.16	-9 lbs	-9 lbs	2-7	0.01	-36 lbs	-36 lbs
4-18	0.12	-508 lbs	-508 lbs					19-29	0.01	-48 lbs	-48 lbs
4-5	0.04	-107 lbs	-107 lbs					9-11	0.04	-271 lbs	-271 lbs
4-29	0.12	-368 lbs	-368 lbs					12-13	0.07	719 lbs	-215 lbs
6-29	0.12	-368 lbs	-368 lbs					14-15	0.04	382 lbs	-101 lbs
								16-17	0.01	103 lbs	-11 lbs
								18-19	0.00	37 lbs	-17 lbs
								19-21	0.00	38 lbs	-17 lbs
								20-23	0.01	103 lbs	-12 lbs
								22-25	0.04	382 lbs	-102 lbs
								24-26	0.07	719 lbs	-212 lbs
								8-28	0.04	-271 lbs	-271 lbs

TRUSS RT85 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 7)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.37 (15 - 22)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.13 (22 - 24)	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

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
8	Pin		-60 lbs	780 lbs	0 lbs	-130 lbs	-60 lbs
9	HRoll		0 lbs	780 lbs	0 lbs	-150 lbs	0 lbs

Materials						
Type	Material	Bracing	Section	Material	Bracing	
Top Chd	350S150-43(50)	Sheathing				
Bot Chd	350S150-43(50)	Sheathing				
Web	350S150-43(50)	Unbraced				

Truss Dimensions	
Max Height	Max Width
3-4-12	13-5-4

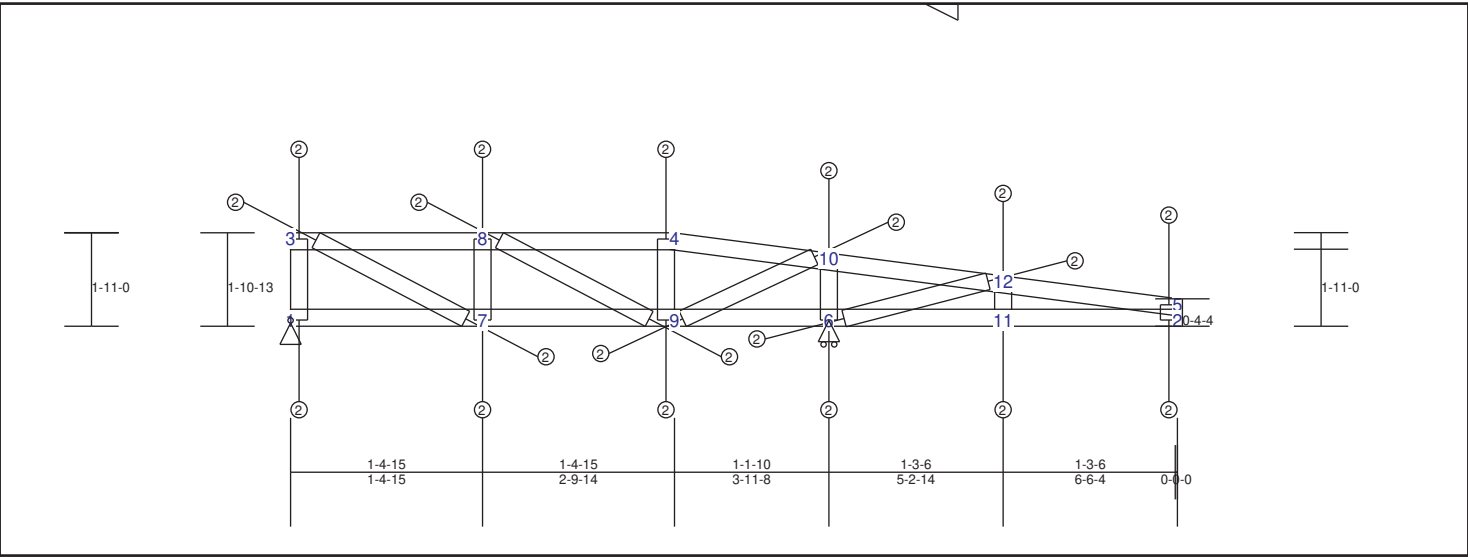
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-10	0.35	-256 lbs	-256 lbs	1-9	0.06	-19 lbs	-19 lbs	1-3	0.01	-11 lbs	-11 lbs
10-23	0.33	-513 lbs	-513 lbs	9-21	0.37	255 lbs	-88 lbs	9-10	0.13	-792 lbs	-792 lbs
20-23	0.31	-634 lbs	-634 lbs	19-21	0.37	478 lbs	-154 lbs	8-12	0.13	-792 lbs	-792 lbs
18-20	0.23	-710 lbs	-710 lbs	17-19	0.24	624 lbs	-189 lbs	2-7	0.01	-11 lbs	-11 lbs
4-18	0.18	-682 lbs	-682 lbs	11-17	0.10	624 lbs	-189 lbs	19-20	0.08	-482 lbs	-482 lbs
4-5	0.07	-131 lbs	-131 lbs	11-13	0.10	624 lbs	-199 lbs	17-18	0.02	-118 lbs	-118 lbs
5-6	0.07	-131 lbs	-131 lbs	13-15	0.24	624 lbs	-199 lbs	13-14	0.02	-118 lbs	-118 lbs
6-14	0.18	-682 lbs	-682 lbs	15-22	0.37	478 lbs	-170 lbs	15-16	0.08	-482 lbs	-482 lbs
14-16	0.23	-710 lbs	-710 lbs	8-22	0.37	255 lbs	-104 lbs	21-23	0.13	-797 lbs	-797 lbs
16-24	0.31	-634 lbs	-634 lbs	2-8	0.06	-41 lbs	-41 lbs	22-24	0.13	-797 lbs	-797 lbs
12-24	0.33	-513 lbs	-513 lbs					11-25	0.01	126 lbs	-67 lbs
7-12	0.35	-256 lbs	-256 lbs					3-9	0.00	13 lbs	-8 lbs
4-25	0.18	-470 lbs	-470 lbs					7-8	0.00	13 lbs	-8 lbs
6-25	0.18	-470 lbs	-470 lbs					11-14	0.01	-65 lbs	-65 lbs
								13-16	0.02	203 lbs	-50 lbs
								11-18	0.01	-65 lbs	-65 lbs
								17-20	0.02	203 lbs	-49 lbs
								10-21	0.07	736 lbs	-221 lbs
								12-22	0.07	736 lbs	-220 lbs
								15-24	0.07	659 lbs	-197 lbs
								19-23	0.07	659 lbs	-197 lbs

TRUSS RT86 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (10 - 12)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.17 (6 - 11)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.18 (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: -0.01 in.		5	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
1	Pin		-190 lbs	120 lbs	0 lbs	-40 lbs
6	HRoll		0 lbs	560 lbs	0 lbs	-80 lbs
						Max Horizontal
						-190 lbs
						0 lbs

Materials			
Type	Material	Bracing	Section
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

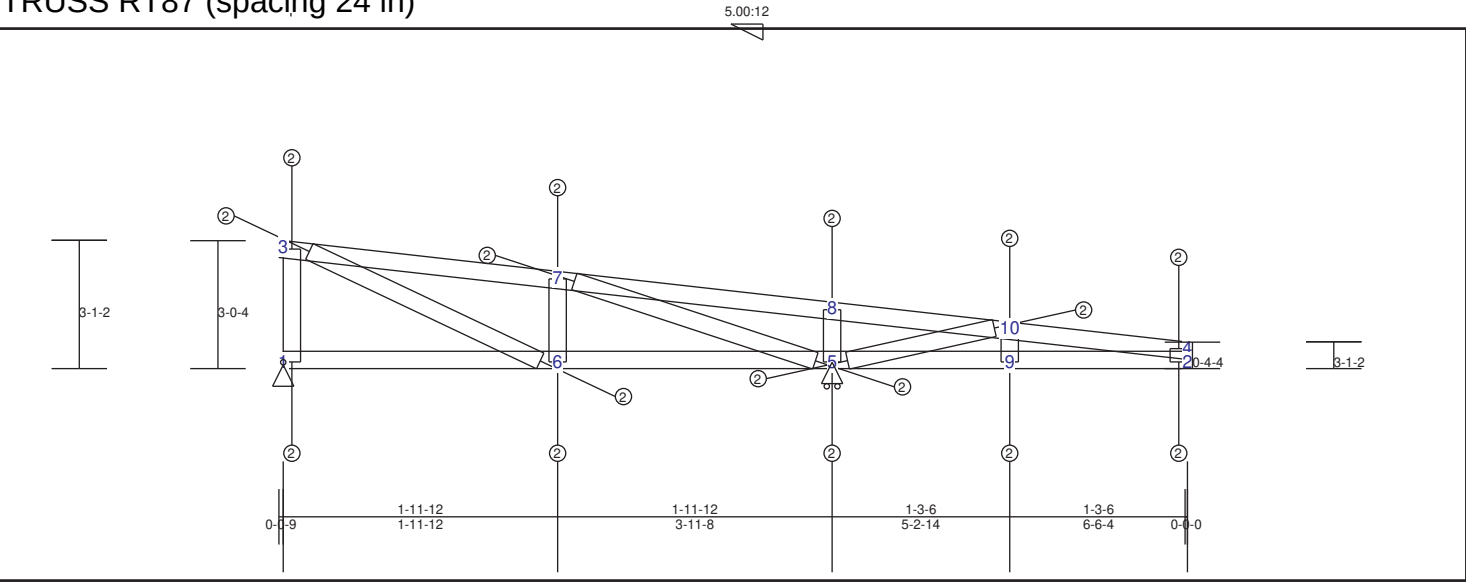
Truss Dimensions	
Max Height	Max Width
1-11-1	6-6-4

Material Design Pass
Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-8	0.10	-94 lbs	-94 lbs	1-7	0.07	230 lbs	-36 lbs	1-3	0.18	164 lbs	-121 lbs
4-8	0.08	78 lbs	-41 lbs	7-9	0.13	148 lbs	-39 lbs	7-8	0.01	135 lbs	-36 lbs
4-10	0.19	96 lbs	-63 lbs	6-9	0.15	-226 lbs	-226 lbs	4-9	0.02	-146 lbs	-146 lbs
10-12	0.26	258 lbs	-147 lbs	6-11	0.17	-226 lbs	-226 lbs	6-10	0.07	-436 lbs	-436 lbs
5-12	0.17	76 lbs	-27 lbs	2-11	0.17	-14 lbs	-14 lbs	11-12	0.01	92 lbs	-79 lbs
								2-5	0.01	-35 lbs	-35 lbs
								3-7	0.03	-164 lbs	-164 lbs
								8-9	0.03	-155 lbs	-155 lbs
								9-10	0.03	338 lbs	-198 lbs
								6-12	0.05	-293 lbs	-293 lbs

TRUSS RT87 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 10)	TL(V): 0 in.	L / 999	3	L / 240
BC :	0.19 (6 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web :	0.47 (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: -0.01 in.		4	
		Web :			
		Snow/Wind 0 in.	L / 999	3	L / 360
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4) Snow Criteria: None
 - 5) For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-320 lbs	-150 lbs	0 lbs	-50 lbs	-320 lbs
5	HRoll		0 lbs	570 lbs	0 lbs	-60 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-1-3	6-6-13

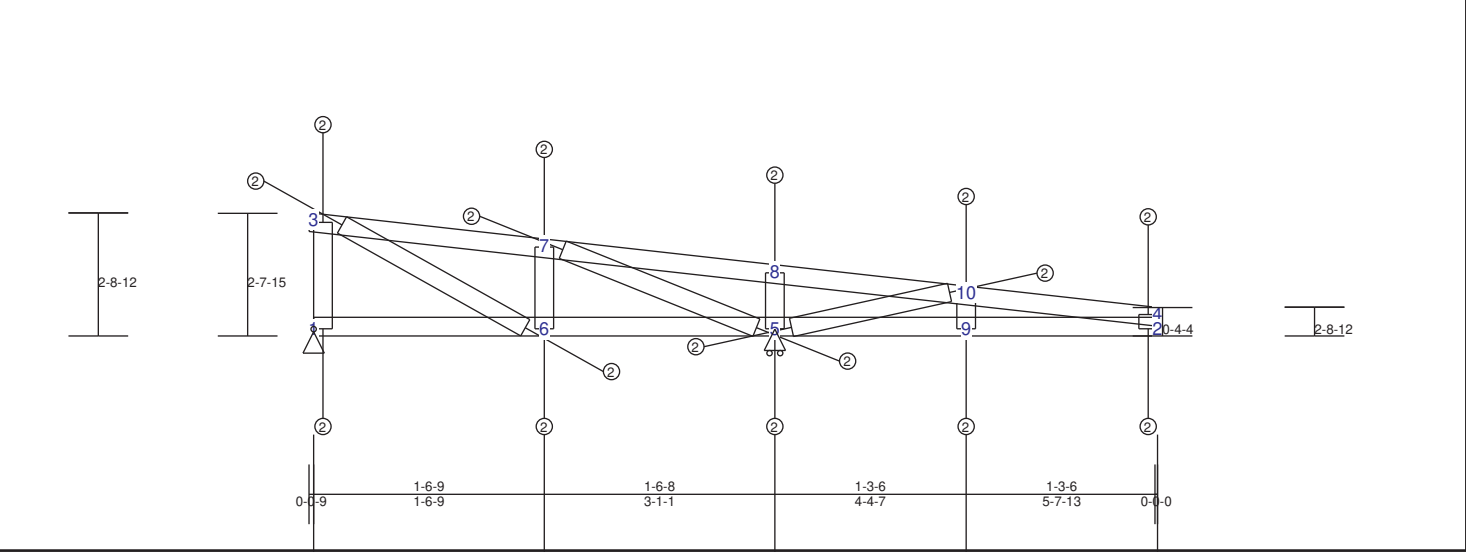
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.16	-263 lbs	-263 lbs	1-6	0.14	387 lbs	-63 lbs	1-3	0.47	312 lbs	-121 lbs
7-8	0.21	282 lbs	-135 lbs	5-6	0.19	244 lbs	-221 lbs	6-7	0.03	262 lbs	-49 lbs
8-10	0.27	282 lbs	-148 lbs	5-9	0.19	227 lbs	-221 lbs	5-8	0.02	98 lbs	-96 lbs
4-10	0.17	66 lbs	-22 lbs	2-9	0.17	-14 lbs	-14 lbs	9-10	0.01	-78 lbs	-78 lbs
								2-4	0.01	34 lbs	-30 lbs
								3-6	0.06	-289 lbs	-289 lbs
								5-7	0.07	-397 lbs	-397 lbs
								5-10	0.05	289 lbs	-286 lbs

TRUSS RT88 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 10)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.18 (6 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.36 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		-280 lbs	-130 lbs	0 lbs	-40 lbs	-280 lbs
5	HRoll		0 lbs	540 lbs	0 lbs	-50 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-8-13	5-8-6

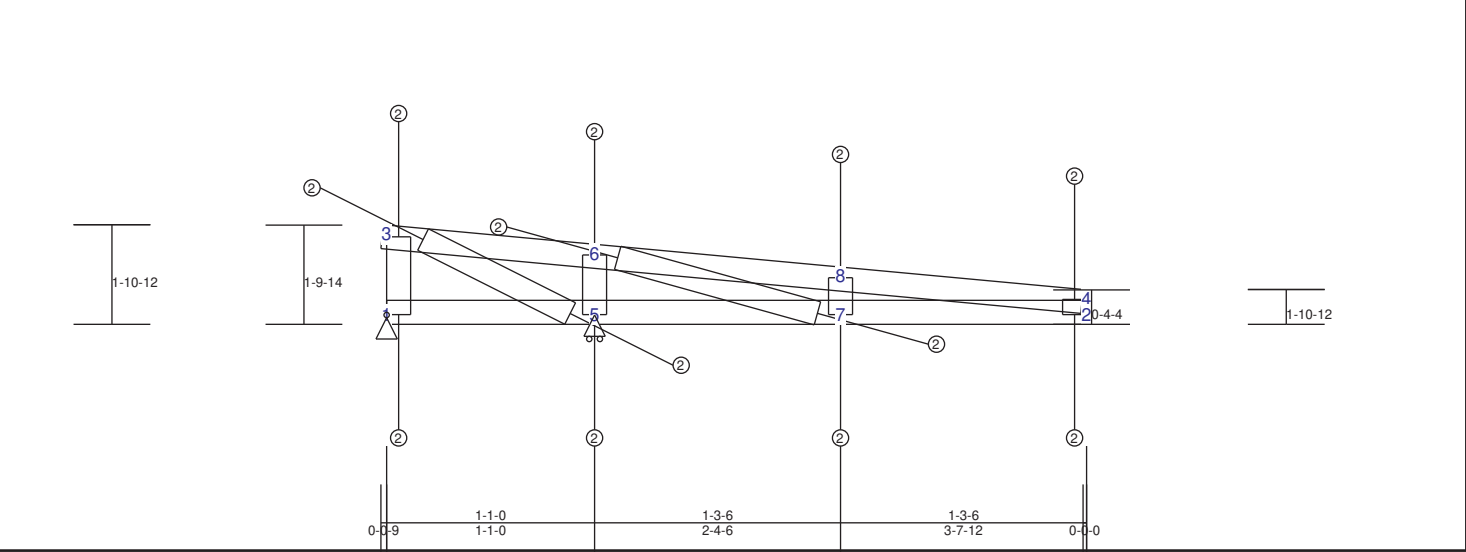
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-7	0.12	-222 lbs	-222 lbs	1-6	0.11	337 lbs	-55 lbs	1-3	0.36	254 lbs	-47 lbs
7-8	0.14	283 lbs	-140 lbs	5-6	0.18	243 lbs	-229 lbs	6-7	0.02	210 lbs	-30 lbs
8-10	0.27	283 lbs	-152 lbs	5-9	0.18	233 lbs	-229 lbs	5-8	0.01	70 lbs	-64 lbs
4-10	0.17	67 lbs	-23 lbs	2-9	0.16	-14 lbs	-14 lbs	9-10	0.01	-78 lbs	-78 lbs
								2-4	0.01	33 lbs	-30 lbs
								3-6	0.04	-220 lbs	-220 lbs
								5-7	0.07	-387 lbs	-387 lbs
								5-10	0.05	297 lbs	-297 lbs

TRUSS RT89 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT #2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (8 - 4)	TL(V): 0 in.	L / 999	3	L / 240
BC : 0.25 (1 - 5)	LL(V): 0 in.	L / 999	3	L / 360
Web : 0.16 (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: -0.01 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary
1)This Truss has been designed in accordance with AISI 2016.
2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
4)Snow Criteria: None
5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

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

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
1-10-12	3-8-5

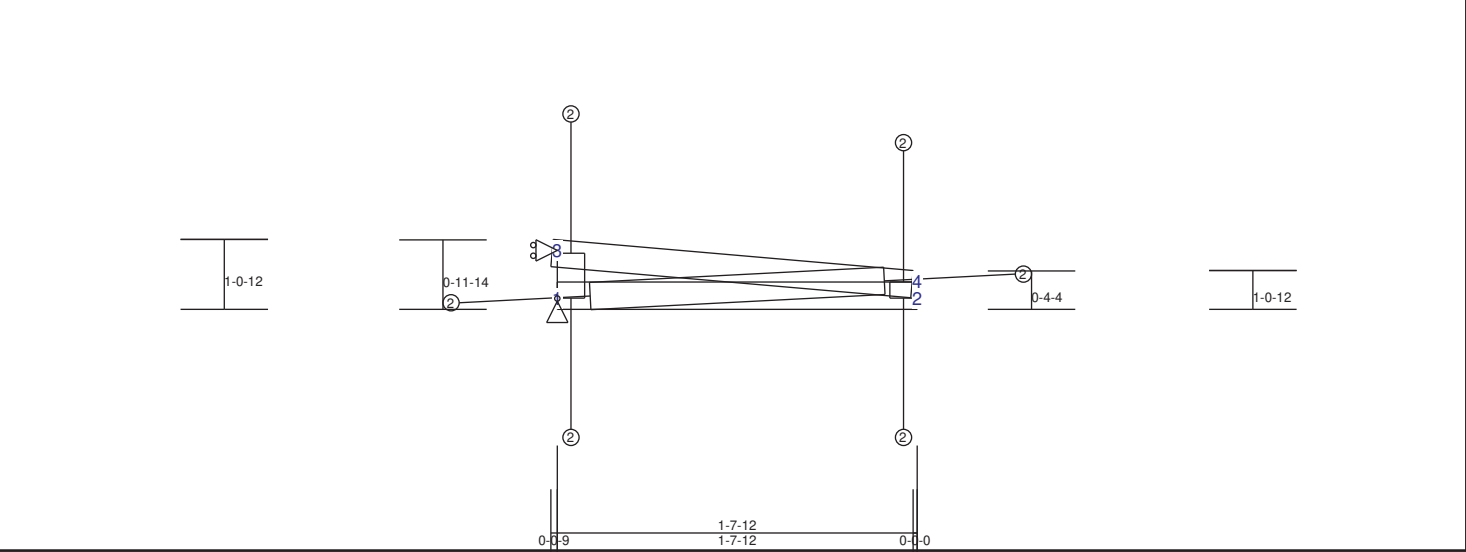
Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-6	0.21	266 lbs	-126 lbs	1-5	0.25	234 lbs	-219 lbs	1-3	0.16	314 lbs	-151 lbs
6-8	0.17	313 lbs	-229 lbs	5-7	0.24	234 lbs	-219 lbs	5-6	0.03	274 lbs	-211 lbs
4-8	0.23	94 lbs	-35 lbs	2-7	0.14	-14 lbs	-14 lbs	7-8	0.04	-233 lbs	-233 lbs
								2-4	0.01	17 lbs	-13 lbs
								3-5	0.09	-542 lbs	-542 lbs
								6-7	0.06	-368 lbs	-368 lbs

TRUSS RT90 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 / 240
BC : 0.04 (1 - 2)	LL(V): 0 in.	L / 999	(3-4)	L / 360
Web : 0.05 (1 - 3)	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

- Load Summary**
- 1)This Truss has been designed in accordance with AISI 2016.
 - 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 4)Snow Criteria: None
 - 5)For Wall Truss when sheathed Ly = 12 inches is used

Reaction Table

P.Point	Type	Brg. Width	Horz React.	Vert React.	Max Gravity Uplift	Max Wind Uplift	Max Horizontal
1	Pin		140 lbs	160 lbs	0 lbs	-20 lbs	140 lbs
3	VRoll		-140 lbs	0 lbs	0 lbs	0 lbs	-140 lbs

Materials

Type	Material	Bracing	Material Exceptions
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Sheathing	

Truss Dimensions

Max Height	Max Width
1-0-13	1-8-5

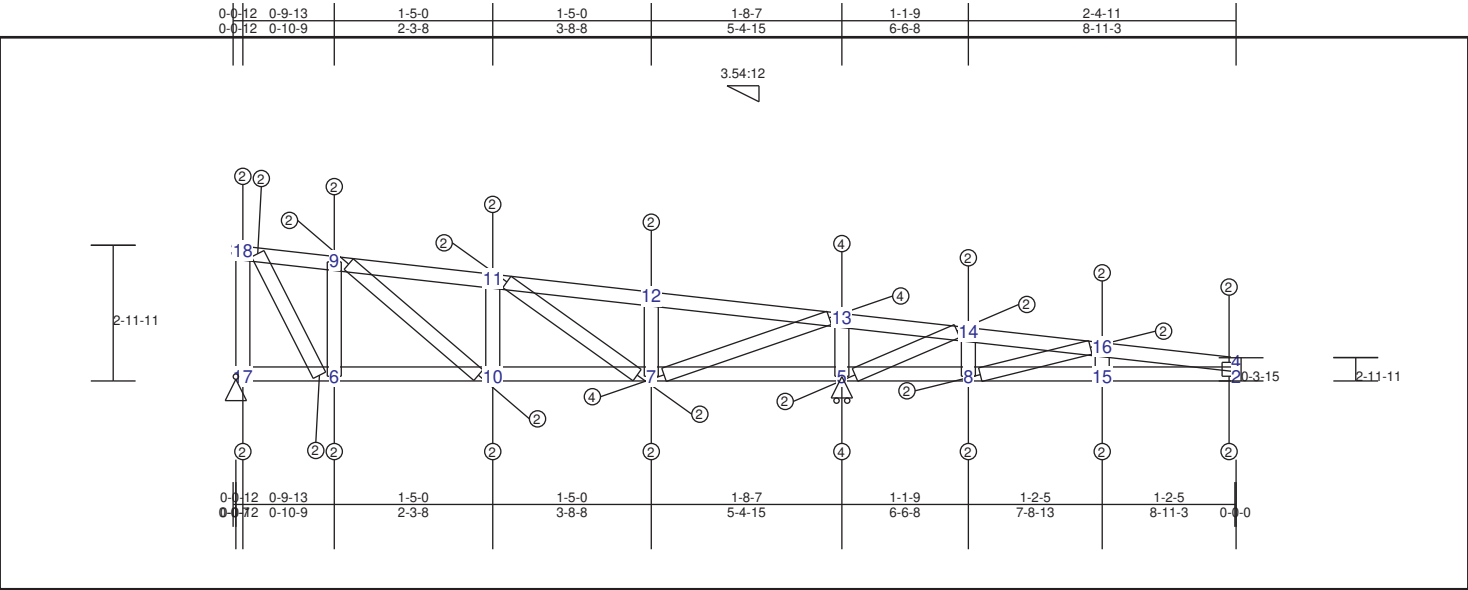
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-4 0.11 177 lbs -104 lbs	1-2 0.04 -138 lbs -138 lbs	1-3 0.05 -129 lbs -129 lbs
		2-4 0.01 6 lbs -2 lbs
		1-4 0.02 -142 lbs -142 lbs

TRUSS RT91 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 (13 - 14)	TL(V): 0 in.	L / 999	(3-18)	L / 240
BC : 0.30 (10 - 7)	LL(V): 0 in.	L / 999	(3-18)	L / 360
Web : 0.15 (5 - 13)	DL(V): 0 in.	L / 999	(3-18)	L / 0
	Cant / OH TL: 0 in.	2L / 999	0	2L / 0
	Cant / OH LL: 0 in.	2L / 999	0	2L / 0
	Horiz TL: 0 in.		4	
	Web :			
	Snow/Wind 0 in.	L / 999	(3-18)	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
5	HRoll		0 lbs	1310 lbs	0 lbs	0 lbs	0 lbs
17	Pin		-140 lbs	390 lbs	0 lbs	0 lbs	-140 lbs

Materials

Type	Material	Bracing	Section	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
2-11-12	8-11-9

Material Design Pass

Point Loads

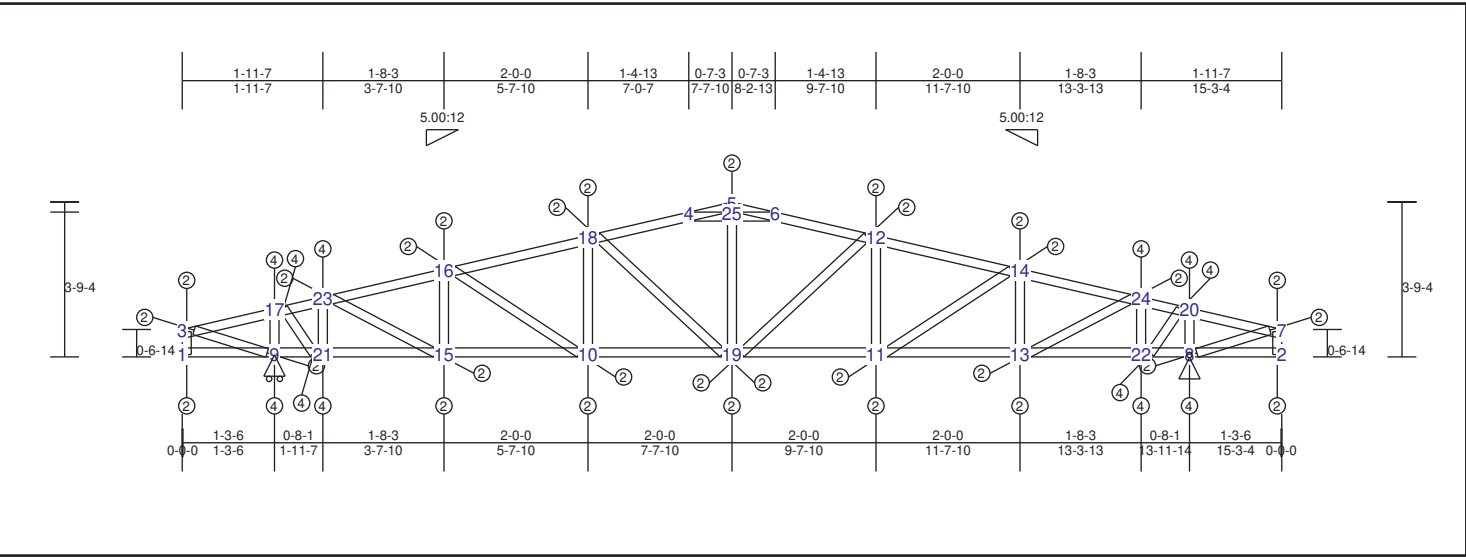
Member	Start Loc	End Loc	Distribution	Category	Direction	Dir Type	Start Mag	End Mag	Trib Width
WB6-9	0-0-0	0-0-0	Concentrated	Dead	Down	Global	120 lbs	120 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Dead	Down	Global	40 lbs	40 lbs	0 in.
WB8-14	0-0-0	0-0-0	Concentrated	Dead	Down	Global	140 lbs	140 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Live	Down	Global	180 lbs	180 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Live	Down	Global	60 lbs	60 lbs	0 in.
WB8-14	0-0-0	0-0-0	Concentrated	Live	Down	Global	210 lbs	210 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	234 lbs	234 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB8-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	273 lbs	273 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	234 lbs	234 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	78 lbs	78 lbs	0 in.
WB8-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	273 lbs	273 lbs	0 in.
WB6-9	0-0-0	0-0-0	Concentrated	Wind	Down	Global	66 lbs	66 lbs	0 in.
WB7-12	0-0-0	0-0-0	Concentrated	Wind	Down	Global	22 lbs	22 lbs	0 in.
WB8-14	0-0-0	0-0-0	Concentrated	Wind	Down	Global	77 lbs	77 lbs	0 in.

Member Forces Summary

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

Top Chord	Bot Chord	Web	Web
3-8 0.00 0 lbs	1-17 0.02 228 lbs	6-9 0.03 269 lbs	9-10 0.03 -179 lbs
9-8 0.28 -136 lbs	6-17 0.27 228 lbs	10-11 0.02 169 lbs	7-11 0.07 -385 lbs
9-11 0.13 -136 lbs	6-10 0.27 222 lbs	7-12 0.03 -183 lbs	7-13 0.08 847 lbs
11-12 0.13 -146 lbs	7-10 0.30 149 lbs	5-13 0.15 -929 lbs	5-14 0.09 -559 lbs
12-13 0.44 536 lbs	5-7 0.30 -731 lbs	8-14 0.06 579 lbs	8-16 0.07 -430 lbs
13-14 0.47 794 lbs	5-8 0.21 -731 lbs	15-16 0.01 79 lbs	6-18 0.05 493 lbs
14-16 0.32 529 lbs	8-15 0.13 -360 lbs	2-4 0.01 28 lbs	
4-16 0.15 51 lbs	2-15 0.13 -12 lbs	17-18 0.08 -413 lbs	

TRUSS RT92 (spacing 24 in)



Circles with leaders indicate screw counts for webs and chords. Screws indicate the number of #10, 0.19 in. screw types at one end of the member. Each value indicates the number of screws required. Allowable shear per screw is calculated per the NASPEC 2007 WITH SUPPLEMENT # 2. Maintain screw edge margin at 5/8" min for each sheet of steel 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 - 17)	TL(V): 0 in.	L / 999	(16-18)	L / 240
BC : 0.41 (9 - 21)	LL(V): 0 in.	L / 999	(16-18)	L / 360
Web : 0.15 (8 - 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: -0.01 in.		1	
	Web :			
	Snow/Wind 0 in.	L / 999	3	L / 360
	Cant (Snow/Wind) 0 in.	L / 999	0	L / 0

Load Summary

- 1)This Truss has been designed in accordance with AISI 2016.
- 2)This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
- 3)Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
- 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
8	Pin	-60 lbs	870 lbs	0 lbs	0 lbs	-150 lbs	-60 lbs
9	HRoll	0 lbs	870 lbs	0 lbs	0 lbs	-170 lbs	0 lbs

Materials

Type	Material	Bracing	Material Exceptions	Material	Bracing
Top Chd	350S150-43(50)	Sheathing			
Bot Chd	350S150-43(50)	Sheathing			
Web	350S150-43(50)	Unbraced			

Truss Dimensions

Max Height	Max Width
3-9-5	15-3-4

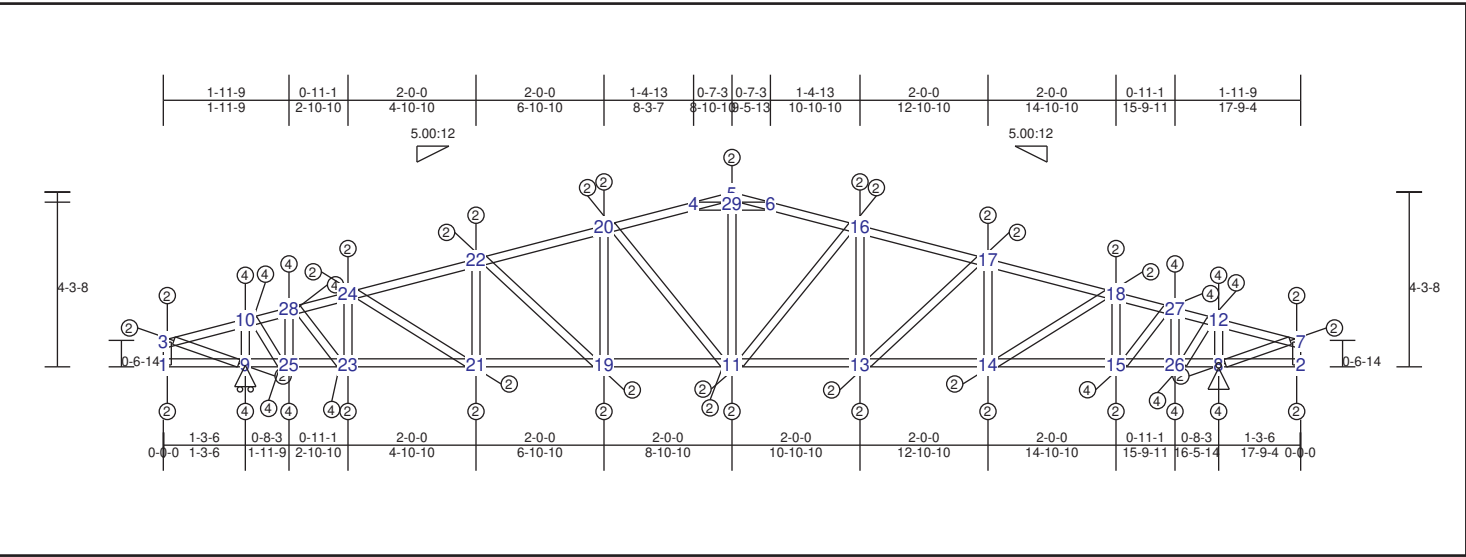
Material Design Pass

Member Forces Summary

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

Top Chord	Bot Chord	Web
3-17 0.41 -315 lbs -315 lbs	1-9 0.07 -19 lbs -19 lbs	1-3 0.01 -13 lbs -13 lbs
17-23 0.40 -567 lbs -567 lbs	9-21 0.41 315 lbs -107 lbs	9-17 0.15 -926 lbs -926 lbs
16-23 0.29 -847 lbs -847 lbs	15-21 0.41 711 lbs -221 lbs	10-18 0.01 -46 lbs -46 lbs
16-18 0.26 -866 lbs -866 lbs	10-15 0.16 764 lbs -227 lbs	8-20 0.15 -927 lbs -927 lbs
4-18 0.19 -810 lbs -810 lbs	10-19 0.13 764 lbs -227 lbs	2-7 0.01 -12 lbs -12 lbs
4-5 0.09 -154 lbs -154 lbs	11-19 0.13 764 lbs -237 lbs	15-16 0.05 -324 lbs -324 lbs
5-6 0.09 -154 lbs -154 lbs	11-13 0.16 764 lbs -238 lbs	11-12 0.01 -46 lbs -46 lbs
6-12 0.19 -810 lbs -810 lbs	13-22 0.41 711 lbs -238 lbs	13-14 0.05 -324 lbs -324 lbs
12-14 0.26 -866 lbs -866 lbs	8-22 0.41 316 lbs -126 lbs	22-24 0.13 -809 lbs -809 lbs
14-24 0.29 -847 lbs -847 lbs	2-8 0.07 -43 lbs -43 lbs	21-23 0.13 -815 lbs -815 lbs
20-24 0.40 -568 lbs -568 lbs		19-25 0.02 214 lbs -99 lbs
7-20 0.41 -313 lbs -313 lbs		3-9 0.00 11 lbs -4 lbs
4-25 0.25 -562 lbs -562 lbs		7-8 0.00 12 lbs -4 lbs
6-25 0.25 -562 lbs -562 lbs		10-16 0.01 82 lbs -10 lbs
		18-19 0.02 -117 lbs -117 lbs
		12-19 0.02 -117 lbs -117 lbs
		11-14 0.01 82 lbs -11 lbs
		20-22 0.09 892 lbs -270 lbs
		13-24 0.05 544 lbs -158 lbs
		15-23 0.05 544 lbs -156 lbs
		17-21 0.09 895 lbs -275 lbs

TRUSS RT93 (spacing 24 in)



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

Max CSI Summary		Deflection	L/	(Loc)	Max. Allowed	
TC :	0.47 (3 - 10)	TL(V): 0.01 in.	L / 999	3	L / 240	
BC :	0.50 (9 - 25)	LL(V): 0 in.	L / 999	3	L / 360	
Web :	0.17 (8 - 12)	DL(V): 0 in.	L / 999	(24-22)	L / 0	
		Cant / OH TL: 0 in.	2L / 999	3	2L / 360	
		Cant / OH LL: 0 in.	2L / 999	3	2L / 360	
		Horiz TL: -0.01 in.		1		
		Web :				
		Snow/Wind 0 in.	L / 999	(20-4)	L / 360	
		Cant (Snow/Wind) 0 in.	L / 999	0	L / 0	

- Load Summary**
- 1) This Truss has been designed in accordance with AISI 2016.
 - 2) This truss has been designed for the effects due to standard loading of TC Live 0.00 psf, TC Dead = 20.00 psf; BC Live = 0.00 psf; BC Dead = 2.20 psf; TC LiveRoof = 30.00 psf
 - 3) Wind Criteria: Code: ASCE 7-16, Wind Speed: 150.00 mph, Exposure: D, Building Classification: II, Enclosure Classification: Enclosed, Mean Roof Height: 45.00 ft, Topographical factor Kzt = 1.00, Roof Type: Gable, Roof Pitch: 5.00:12, This truss is not in a hurricane region, C&C Wind Tributary Effective Area: 300.00 ft², This truss is not in the end zone of the roof, Left end web is not exposed to wind. Right end web is not exposed to wind. Ground elevation: 0 ft.
 - 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
8	Pin				-60 lbs	1010 lbs	0 lbs	-170 lbs	-60 lbs
9	HRoll				0 lbs	1010 lbs	0 lbs	-190 lbs	0 lbs

Materials		Material Exceptions	
Type	Material	Bracing	Material
Top Chd	350S150-43(50)	Sheathing	
Bot Chd	350S150-43(50)	Sheathing	
Web	350S150-43(50)	Unbraced	

Truss Dimensions	
Max Height	Max Width
4-3-9	17-9-4

Material Design Pass

Member Forces Summary

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

Top Chord				Bot Chord				Web			
3-10	0.47	-371 lbs	-371 lbs	1-9	0.09	-21 lbs	-21 lbs	1-3	0.01	-16 lbs	-16 lbs
10-28	0.46	-715 lbs	-715 lbs	9-25	0.50	375 lbs	-125 lbs	9-10	0.17	-1048 lbs	-1048 lbs
24-28	0.41	-955 lbs	-955 lbs	23-25	0.50	732 lbs	-229 lbs	8-12	0.17	-1049 lbs	-1049 lbs
22-24	0.30	-1082 lbs	-1082 lbs	21-23	0.30	968 lbs	-293 lbs	2-7	0.01	-16 lbs	-16 lbs
20-22	0.29	-1082 lbs	-1082 lbs	19-21	0.13	968 lbs	-293 lbs	23-24	0.10	-603 lbs	-603 lbs
4-20	0.24	-978 lbs	-978 lbs	11-19	0.17	947 lbs	-276 lbs	21-22	0.04	-205 lbs	-205 lbs
4-5	0.12	-186 lbs	-186 lbs	11-13	0.17	947 lbs	-286 lbs	19-20	0.01	45 lbs	-39 lbs
5-6	0.12	-186 lbs	-186 lbs	13-14	0.13	968 lbs	-311 lbs	13-16	0.01	45 lbs	-40 lbs
6-16	0.24	-978 lbs	-978 lbs	14-15	0.30	968 lbs	-311 lbs	14-17	0.04	-205 lbs	-205 lbs
16-17	0.29	-1082 lbs	-1082 lbs	15-26	0.50	732 lbs	-253 lbs	15-18	0.10	-603 lbs	-603 lbs
17-18	0.30	-1082 lbs	-1082 lbs	8-26	0.50	376 lbs	-146 lbs	26-27	0.17	-1034 lbs	-1034 lbs
18-27	0.40	-955 lbs	-955 lbs	2-8	0.08	-49 lbs	-49 lbs	25-28	0.17	-1042 lbs	-1042 lbs
12-27	0.45	-715 lbs	-715 lbs					11-29	0.03	337 lbs	-144 lbs
7-12	0.47	-370 lbs	-370 lbs					3-9	0.00	17 lbs	-8 lbs
4-29	0.35	-688 lbs	-688 lbs					7-8	0.00	14 lbs	-7 lbs
6-29	0.35	-688 lbs	-688 lbs					21-24	0.03	335 lbs	-89 lbs
								19-22	0.01	51 lbs	-38 lbs
								11-20	0.04	-186 lbs	-186 lbs
								11-16	0.04	-186 lbs	-186 lbs
								13-17	0.01	53 lbs	-38 lbs
								14-18	0.03	335 lbs	-91 lbs
								12-26	0.10	1007 lbs	-305 lbs
								15-27	0.08	819 lbs	-244 lbs
								10-25	0.10	1010 lbs	-309 lbs
								23-28	0.08	821 lbs	-247 lbs