

LOAD TABLE TOP CHORD BRACING

Member Location	I Node	J Node	I Node			J Node		
			Axial k	Shear k	Moment ft-k	Axial k	Shear k	Moment ft-k
Truss Chord	A0	A1	1.51	2.22	9.70	1.51	1.80	-4.59
Truss Chord	A1	A2	8.70	-0.30	-4.35	8.70	-0.76	-0.11
Truss Chord	A2	A3	14.68	0.34	0.06	14.68	-0.13	-0.80
Truss Chord	A3	A4	19.23	0.20	-0.77	19.23	-0.27	-0.48
Truss Chord	A4	A5	23.00	0.22	-0.52	23.00	-0.25	-0.43
Truss Chord	A5	A6	26.12	0.23	-0.51	26.12	-0.24	-0.48
Truss Chord	A6	A7	28.39	0.14	-0.58	28.39	-0.33	0.20
Truss Chord	A7	A8	29.17	0.27	0.13	29.17	-0.20	-0.12
Truss Chord	A8	A9	29.19	0.21	-0.11	29.19	0.26	0.11
Truss Chord	A9	A10	28.44	0.34	0.19	28.44	-0.14	-0.61
Truss Chord	A10	A11	26.14	0.23	-0.51	26.14	-0.24	-0.49
Truss Chord	A11	A12	23.01	0.25	-0.40	23.01	-0.22	-0.52
Truss Chord	A12	A13	19.23	0.27	-0.48	19.23	-0.20	-0.77
Truss Chord	A13	A14	14.68	0.13	-0.80	14.68	-0.34	0.06
Truss Chord	A14	A15	8.70	0.77	-0.11	8.70	0.30	-4.35
Truss Chord	A15	A16	1.51	-1.80	-4.59	1.51	-2.22	9.71
Truss Chord	C0	C1	-0.82	3.84	18.81	-0.82	3.43	-7.08
Truss Chord	C1	C2	0.89	-0.59	-5.67	0.89	-1.06	0.91
Truss Chord	C2	C3	5.34	0.65	1.58	5.34	0.18	-1.70
Truss Chord	C3	C4	9.62	0.31	-0.97	9.62	-0.16	-1.55
Truss Chord	C4	C5	13.10	0.34	-0.95	13.10	-0.13	-1.76
Truss Chord	C5	C6	15.82	0.30	-1.30	15.82	-0.17	-1.78
Truss Chord	C6	C7	17.80	0.13	-1.50	17.80	-0.34	-0.70
Truss Chord	C7	C8	18.36	0.15	-0.59	18.36	-0.32	0.11
Truss Chord	C8	C9	18.25	0.32	0.10	18.25	-0.15	-0.57
Truss Chord	C9	C10	17.65	0.34	-0.69	17.65	-0.13	-1.56
Truss Chord	C10	C11	15.81	0.16	-1.84	15.81	-0.31	-1.24
Truss Chord	C11	C12	13.10	0.14	-1.70	13.10	-0.33	-0.96
Truss Chord	C12	C13	9.62	0.16	-1.55	9.62	-0.31	-0.97
Truss Chord	C13	C14	5.34	-0.18	-1.70	5.34	-0.65	1.58
Truss Chord	C14	C15	0.90	1.05	0.91	0.90	0.59	-5.67
Truss Chord	C15	C16	-0.82	-3.42	-7.08	-0.82	-3.84	18.81
Wind Brace	A0	B1	-6.47	0.28	0.00	-6.47	-0.01	-2.16
Wind Brace	B1	C1	-6.46	0.00	-2.28	-6.46	-0.28	0.00
Wind Brace	A1	B1	7.44	0.28	0.00	7.44	0.00	-2.21
Wind Brace	B1	C0	7.42	-0.01	-2.44	7.42	-0.29	0.00
Wind Brace	A1	B2	-4.10	0.28	0.00	-4.10	-0.01	-2.14
Wind Brace	B2	C2	-4.11	0.00	-2.33	-4.11	-0.29	0.00
Wind Brace	A2	B2	5.28	0.28	0.00	5.28	0.00	-2.27
Wind Brace	B2	C1	5.29	-0.01	-2.45	5.29	-0.29	0.00
Wind Brace	A2	B3	-2.77	0.28	0.00	-2.77	-0.01	-2.15
Wind Brace	B3	C3	-2.77	0.00	-2.31	-2.77	-0.28	0.00
Wind Brace	A3	B3	3.40	0.28	0.00	3.40	0.00	-2.28
Wind Brace	B3	C2	3.40	-0.01	-2.46	3.40	-0.29	0.00
Wind Brace	A3	B4	-2.55	0.28	0.00	-2.55	-0.01	-2.15
Wind Brace	B4	C4	-2.56	0.00	-2.32	-2.56	-0.29	0.00
Wind Brace	A4	B4	3.39	0.28	0.00	3.39	0.00	-2.28
Wind Brace	B4	C3	3.39	-0.01	-2.45	3.39	-0.29	0.00

LOAD TABLE TOP CHORD BRACING

Member Location	I Node	J Node	I Node			J Node		
			Axial k	Shear k	Moment ft-k	Axial k	Shear k	Moment ft-k
Wind Brace	A4	B5	-2.55	0.28	0.00	-2.55	-0.01	-2.16
Wind Brace	B5	C5	-2.55	0.00	-2.33	-2.55	-0.29	0.00
Wind Brace	A5	B5	3.52	0.28	0.00	3.52	0.00	-2.26
Wind Brace	B5	C4	3.52	-0.01	-2.44	3.52	-0.29	0.00
Wind Brace	A5	B6	-2.33	0.28	0.00	-2.33	-0.01	-2.18
Wind Brace	B6	C6	-2.33	0.00	-2.35	-2.33	-0.29	0.00
Wind Brace	A6	B6	3.48	0.28	0.00	3.48	0.00	-2.25
Wind Brace	B6	C5	3.47	-0.01	-2.42	3.47	-0.29	0.00
Wind Brace	A6	B7	-1.56	0.28	0.00	-1.56	-0.01	-2.21
Wind Brace	B7	C7	-1.56	0.00	-2.37	-1.56	-0.29	0.00
Wind Brace	A7	B7	2.73	0.28	0.00	2.73	0.00	-2.23
Wind Brace	B7	C6	2.73	-0.01	-2.39	2.73	-0.29	0.00
Wind Brace	A7	B8	-0.02	0.28	0.00	-0.02	0.00	-2.23
Wind Brace	B8	C8	-0.02	0.00	-2.37	-0.02	-0.29	0.00
Wind Brace	A8	B8	1.14	0.28	0.00	1.14	0.00	-2.23
Wind Brace	B8	C7	1.14	-0.01	-2.37	1.14	-0.29	0.00
Wind Brace	A8	B9	0.92	0.28	0.00	0.92	0.00	-2.23
Wind Brace	B9	C9	0.92	-0.01	-2.37	0.92	-0.29	0.00
Wind Brace	A9	B9	0.22	0.28	0.00	0.22	0.00	-2.23
Wind Brace	B9	C8	0.22	0.00	-2.37	0.22	-0.29	0.00
Wind Brace	A9	B10	2.84	0.28	0.00	2.84	0.00	-2.23
Wind Brace	B10	C10	2.84	-0.01	-2.39	2.84	-0.29	0.00
Wind Brace	A10	B10	-1.66	0.28	0.00	-1.66	-0.01	-2.21
Wind Brace	B10	C9	-1.66	0.00	-2.37	-1.66	-0.29	0.00
Wind Brace	A10	B11	3.52	0.28	0.00	3.52	0.00	-2.25
Wind Brace	B11	C11	3.52	-0.01	-2.42	3.52	-0.29	0.00
Wind Brace	A11	B11	-2.38	0.28	0.00	-2.38	-0.01	-2.18
Wind Brace	B11	C10	-2.38	0.00	-2.35	-2.38	-0.29	0.00
Wind Brace	A11	B12	3.54	0.28	0.00	3.54	0.00	-2.26
Wind Brace	B12	C12	3.54	-0.01	-2.44	3.54	-0.29	0.00
Wind Brace	A12	B12	-2.57	0.28	0.00	-2.57	-0.01	-2.16
Wind Brace	B12	C11	-2.57	0.00	-2.35	-2.57	-0.29	0.00
Wind Brace	A12	B13	3.40	0.28	0.00	3.40	0.00	-2.28
Wind Brace	B13	C13	3.40	-0.01	-2.45	3.40	-0.29	0.00
Wind Brace	A13	B13	-2.56	0.28	0.00	-2.56	-0.01	-2.15
Wind Brace	B13	C12	-2.56	0.00	-2.32	-2.56	-0.29	0.00
Wind Brace	A13	B14	3.41	0.28	0.00	3.41	0.00	-2.28
Wind Brace	B14	C14	3.41	-0.01	-2.46	3.41	-0.29	0.00
Wind Brace	A14	B14	-2.77	0.28	0.00	-2.77	-0.01	-2.15
Wind Brace	B14	C13	-2.77	0.00	-2.31	-2.77	-0.28	0.00
Wind Brace	A14	B15	5.28	0.28	0.00	5.28	0.00	-2.27
Wind Brace	B15	C15	5.29	-0.01	-2.45	5.29	-0.29	0.00
Wind Brace	A15	B15	-4.10	0.28	0.00	-4.10	-0.01	-2.14
Wind Brace	B15	C14	-4.11	0.00	-2.33	-4.11	-0.29	0.00
Wind Brace	A15	B16	7.44	0.28	0.00	7.44	0.00	-2.21
Wind Brace	B16	C16	7.42	-0.01	-2.44	7.42	-0.29	0.00
Wind Brace	A16	B16	-6.47	0.28	0.00	-6.47	-0.01	-2.16
Wind Brace	B16	C15	-6.46	0.00	-2.28	-6.46	-0.28	0.00

LOAD TABLE BOTTOM CHORD BRACING

Member Location	I Node	J Node	I Node			J Node		
			Axial k	Shear k	Moment ft-k	Axial k	Shear k	Moment ft-k
Truss Chord	A0	A1	5.56	3.23	-1.22	5.69	-4.33	4.01
Truss Chord	A1	A2	10.10	3.37	3.85	10.12	-4.25	6.27
Truss Chord	A2	A3	13.36	3.91	6.17	13.39	-3.71	3.62
Truss Chord	A3	A4	16.60	3.46	3.50	16.62	-4.16	4.75
Truss Chord	A4	A5	19.40	3.66	4.64	19.42	-3.96	4.57
Truss Chord	A5	A6	21.63	3.69	4.48	21.64	-3.93	4.58
Truss Chord	A6	A7	23.05	3.75	4.53	23.06	-3.87	4.63
Truss Chord	A7	A8	23.57	3.70	4.62	23.57	-3.92	5.50
Truss Chord	A8	A9	23.56	3.92	5.50	23.56	-3.70	4.58
Truss Chord	A9	A10	23.05	3.86	4.59	23.04	-3.76	4.56
Truss Chord	A10	A11	21.63	3.93	4.51	21.62	-3.69	4.49
Truss Chord	A11	A12	19.42	3.96	4.57	19.40	-3.66	4.64
Truss Chord	A12	A13	16.62	4.16	4.75	16.60	-3.46	3.50
Truss Chord	A13	A14	13.38	3.71	3.63	13.36	-3.91	6.17
Truss Chord	A14	A15	10.12	4.25	6.27	10.10	-3.37	3.85
Truss Chord	A15	A16	5.69	4.33	4.01	5.66	-3.23	-1.22
Truss Chord	C0	C1	-5.75	4.67	1.27	-5.70	-2.89	-0.17
Truss Chord	C1	C2	-23.97	2.75	-0.04	-23.92	-4.87	9.52
Truss Chord	C2	C3	-36.35	4.93	9.61	-36.30	-2.68	2.35
Truss Chord	C3	C4	-47.16	3.80	2.49	-47.12	-3.82	4.13
Truss Chord	C4	C5	-57.45	4.07	4.23	-57.41	-3.54	3.40
Truss Chord	C5	C6	-65.76	3.93	3.48	-65.73	-3.68	3.35
Truss Chord	C6	C7	-71.76	3.86	3.39	-71.74	-3.75	3.34
Truss Chord	C7	C8	-75.24	3.44	3.34	-75.23	-4.17	6.23
Truss Chord	C8	C9	-75.23	4.18	6.23	-75.24	-3.44	3.30
Truss Chord	C9	C10	-71.74	3.74	3.29	-71.76	-3.87	3.44
Truss Chord	C10	C11	-65.72	3.69	3.39	-65.75	-3.93	3.48
Truss Chord	C11	C12	-57.40	3.54	3.39	-57.44	-4.08	4.23
Truss Chord	C12	C13	-47.11	3.82	4.13	-47.15	-3.80	2.49
Truss Chord	C13	C14	-36.30	2.68	2.35	-36.35	-4.93	9.62
Truss Chord	C14	C15	-23.91	4.87	9.52	-23.97	-2.75	-0.06
Truss Chord	C15	C16	-5.70	2.88	-0.19	-5.75	-4.68	1.27
Wind Brace	A0	B1	-25.68	0.27	0.00	-25.68	-0.01	-2.12
Wind Brace	B1	C1	-25.68	0.00	-2.27	-25.68	-0.28	0.00
Wind Brace	A1	B1	25.92	0.28	0.00	25.92	0.00	-2.27
Wind Brace	B1	C0	25.91	-0.01	-2.41	25.91	-0.29	0.00
Wind Brace	A1	B2	-23.11	0.28	0.00	-23.11	-0.01	-2.16
Wind Brace	B2	C2	-23.11	0.00	-2.35	-23.11	-0.29	0.00
Wind Brace	A2	B2	23.47	0.28	0.00	23.47	0.00	-2.26
Wind Brace	B2	C1	23.46	-0.01	-2.43	23.46	-0.29	0.00
Wind Brace	A2	B3	-16.19	0.27	0.00	-16.19	-0.01	-2.14
Wind Brace	B3	C3	-16.19	0.00	-2.31	-16.19	-0.28	0.00
Wind Brace	A3	B3	16.44	0.28	0.00	16.44	0.00	-2.28
Wind Brace	B3	C2	16.44	-0.01	-2.46	16.44	-0.30	0.00
Wind Brace	A3	B4	-14.33	0.27	0.00	-14.33	-0.01	-2.14
Wind Brace	B4	C4	-14.33	0.00	-2.32	-14.33	-0.29	0.00
Wind Brace	A4	B4	14.48	0.28	0.00			