

Upper Struc. No.	Lower Struc. No.	Len. in.	Area in. sq.	P.I.	D in.	Total C.F.	Const. in.	V in.	Vh in.	0 x Vh	Flow Line Upper	Flow Line Lower	Top of Structure Upper	Top of Structure Lower	Free Board	Hydraulic Grade Line Upper	Frict. Loss	Curve Loss	Junc. Loss	Entr. Loss	Turn Loss	Normal Depth	Cap. C.F.	Q/Cap.		
T	67	63	67.71		11.01	11.01	1.93X	6.23	0.60	6.64	1.10X	552.00	550.69	557.04	557.04	2.72	534.32	553.98	0.74	0.00	5	0.20	14.61	0.75	0.96	
T	68	64	62.86		1.85	1.85	1.11X	1.51	0.64	0.07	0.08X	552.00	551.39	557.04	0.75	3.41	554.09	554.04	0.04	0.60	85	0.04	6.82	0.27	0.44	
T	66	65	107.53		1.53	1.53	1.00X	1.25	0.62	0.04	0.06X	553.00	552.00	560.21	559.50	5.93	554.28	554.22	0.06	0.07	0.02	55	0.01	6.47	0.24	0.41
AI	65	64	50.19		1.00	2.33	1.00X	2.00	0.67	0.17	0.15X	551.80	551.80	559.84	559.84	5.28	554.12	554.04	0.08	0.25	0.04	25	0.04	10.39	0.54	
DCI	64	63	34.5		2.53	6.91	1.00X	3.91	0.24	1.44	0.43X	551.10	550.69	557.04	557.04	3.00	553.75	553.98	0.15	0.18	0.20	11	0.05	6.00	0.83	
CI	63	13	226		0.69	18.61	3.00X	3.79	0.22	4.15	0.21X	550.49	548.22	557.04	560.50	3.46	553.38	552.91	0.47	0.35	0.40	25	0.40	56.38	0.33	0.98
T	20	13	142.16		75.80	75.80	1.00X	7.88	0.96	73.06	0.57X	530.17	528.75	543.50	541.38	4.19	539.31	538.90	0.81	0.96	70	0.58	109.55	0.75	2.24	
T	14	13	52.47		78.93	78.93	4.00X	8.20	1.05	82.49	0.62X	546.74	546.22	550.24	560.50	-2.99	553.23	552.91	0.32	0.94	1.05	25	0.40	100.16	0.79	2.31
MH	13	12	65.14			97.54	4.00X	10.14	1.60	155.67	0.94X	546.02	545.33	560.50	558.66	7.59	550.52	549.87	0.65	0.19	10	0.18	108.51	0.97	2.77	
DCI	12	11	15.76		2.98	104.52	4.00X	10.45	1.69	170.38	1.00X	545.13	544.97	558.66	559.00	8.79	549.50	549.34	0.16	0.45	0.80	101	0.37	99.29	0.64	
AI	11	10	50.28		5.38	105.90	4.00X	8.43	1.10	116.78	0.54X	544.77	544.27	559.00	557.11	9.66	548.54	548.27	0.27	0.04	80	0.72	143.24	0.74	2.52	
CI	10	9	84.96		1.06	106.96	4.00X	8.50	1.12	120.33	0.55X	544.07	543.26	557.11	559.55	8.84	547.69	547.26	0.47	0.18	25	0.34	143.68	0.74	2.56	
DCI	9	8	35.01		4.19	111.15	4.00X	8.65	1.21	135.13	0.60X	543.02	542.67	559.55	559.55	12.33	546.88	546.67	0.21	0.18	20	0.29	143.62	0.77	2.64	
DCI	8	7	114.71		4.03	115.10	4.00X	9.17	1.30	150.25	0.62X	542.47	541.32	559.55	555.60	12.88	546.06	545.32	0.74	0.33	15	0.23	143.82	0.80	2.68	
MH	7	6	100.33		7.26	122.44	4.00X	9.74	1.47	180.49	0.73X	541.12	540.23	555.60	553.85	10.20	544.84	544.26	0.58	0.35	0.32	151	0.20	81.2	0.62	
MH	6	5	97.19		6.63	129.07	4.00X	10.27	1.64	211.43	0.81X	538.55	538.15	540.50	548.73	5.86	542.64	542.15	0.53	0.20	0.30	151	0.39	85.0	0.80	
MH	5	4	65.01		6.00	135.07	4.00X	10.78	1.79	242.31	0.88X	538.11	537.51	548.73	542.00	6.58	541.92	541.31	0.29	0.14	0.14	150	0.40	90.0	0.92	
AI	4	3	73.55		2.69	137.76	4.00X	10.96	1.97	257.08	0.92X	535.31	534.50	543.00	541.38	3.69	539.28	538.50	0.68	0.11	0.04	150	0.74	91.3	0.60	
DCI	3	2	34.5		7.60	221.16	7.00X	7.82	0.95	210.11	0.27X	528.55	528.21	541.38	541.38	2.88	538.08	537.99	0.09	0.04	0.04	420	0.43	53.3	3.00	
DCI	2	1	169		2.32	223.48	7.00X	7.90	0.97	216.79	0.28X	528.01	526.33	541.38	532.33	3.39	537.95	537.48	0.47	0.04	0.04	423	0.51	53.3	3.06	
T	62	11	149.32		4.72	4.72	1.51X	3.85	0.23	1.08	0.53X	556.25	553.85	562.00	559.00	5.07	556.93	555.18	0.80	0.23	50	0.11	8.19	0.58	0.68	
T	61	10	34.5		0.37	0.37	1.51X	0.30	0.00	0.00	0.00X	551.50	550.00	557.11	557.11	5.47	551.64	551.25	0.00	0.00	65	0.00	13.47	0.93	0.14	
T	60	7	85.8		3.27	3.27	1.51X	0.66	0.11	0.36	0.26X	548.84	547.98	556.00	555.00	5.88	550.12	549.90	0.22	0.66	0.11	20	0.03	6.47	0.51	0.63
AI	7	1	28		3.99	7.26	1.51X	0.92	0.54	3.95	1.26X	547.78	547.50	555.00	555.60	5.18	549.10	548.75	0.35	0.95	0.36	85	0.36	6.46	1.12	1.25
T	16	15	50		2.77	2.77	1.51X	0.26	0.08	0.22	0.18X	547.86	547.36	553.00	553.11	4.96	548.84	548.75	0.09	0.34	0.08	15	0.01	6.46	0.43	0.56
DCI	15	6	28		2.59	5.26	1.51X	0.37	0.30	1.59	0.69X	547.16	546.88	553.11	553.11	4.44	548.32	548.13	0.19	0.65	0.18	65	0.18	6.46	0.83	0.86
T	59	6	61.08		1.27	1.27	1.51X	1.03	0.02	0.02	0.04X	547.49	546.88	552.00	553.11	3.95	548.15	548.13	0.02	0.02	40	0.18	6.46	0.20	0.38	
T	58	5	150		2.88	2.88	1.51X	2.35	0.09	0.25	0.20X	545.63	544.13	551.00	548.73	4.79	546.21	545.38	0.30	0.09	55	0.04	6.46	0.45	0.58	
T	19	18	37.82		3.19	3.19	1.51X	0.20	0.10	0.33	0.24X	537.26	536.52	543.52	543.14	3.32	540.20	540.11	0.09	0.53	0.10	15	0.02	9.13	0.35	0.50
DCI	18	3	91.27		3.43	6.62	1.51X	0.59	0.45	2.99	1.05X	536.32	534.50	543.14	541.38	3.03	539.46	538.50	0.96	0.09	70	0.27	9.12	0.73	0.79	
T	56	50	77.56		1.32	1.32	1.51X	1.08	0.02	0.02	0.04X	562.28	561.50	568.00	567.78	5.22	562.78	562.75	0.03	0.02	75	0.03	6.49	0.20	0.39	
T	55	49	34.5		1.43	1.43	1.51X	1.17	0.02	0.03	0.05X	560.50	560.15	565.00	565.07	3.65	561.42	561.40	0.02	0.02	90	0.04	6.51	0.22	0.39	
T	54	53	69		2.67	2.67	1.51X	2.18	0.07	0.20	0.17X	555.42	554.73	563.00	561.76	6.90	556.10	555.98	0.12	0.07	75	0.05	6.46	0.41	0.55	
MH	53	48	73.29		2.67	2.67	1.51X	2.18	0.07	0.20	0.17X	554.53	553.80	561.76	560.19	5.78	555.73	555.68	0.13	0.07	70	0.28	6.45	0.41	0.55	
MH	51	50	171.59		2.01	2.01	1.51X	1.64	0.04	0.08	0.08X	566.63	561.50	570.75	567.72	3.75	567.00	567.75	0.17	0.11	0.04	45	0.03	11.19	0.18	0.35
CI	50	49	79.15		3.33	3.33	1.51X	2.71	0.11	0.38	0.27X	561.30	560.15	570.75	565.07	4.97	561.86	561.40	0.21	0.36	15	0.04	15.04	0.43	0.56	
CI	49	48	227.64		0.98	5.74	1.51X	4.68	0.34	1.95	0.78X	559.95	558.95	565.07	560.19	6.69	560.60	560.40	0.00	0.07	90	0.28	10.42	0.70	0.63	
CI	48	47	34.5		1.85	10.26	2.41X	3.27	0.17	1.70	0.21X	553.60	553.19	560.19	560.19	4.59	555.32	555.25	0.07	0.07	25	0.11	22.79	0.45	0.94	
CI	47	46	107.76		1.14	11.40	2.41X	3.63	0.20	2.33	0.25X	553.05	551.97	560.19	560.00	4.94	554.24	553.97	0.27	0.05	55	0.11	22.65	0.50	1.00	
CI	46	45	120.86		0.86	12.23	2.41X	3.83	0.23	2.74	0.26X	551.77	550.56	560.00	557.50	6.03	553.67	553.33	0.34	0.36	95	0.16	22.64	0.53	1.32	
AI	45	44	118.3		4.56	16.59	2.41X	5.28	0.43	7.18	0.54X	550.36	549.18	557.50	557.43	4.17	552.81	552.18	0.64	0.65	75	0.27	22.59	0.73	1.26	
MH	44	36	77.81		16.59	16.59	2.41X	5.28	0.43	7.18	0.54X	548.98	548.20	557.43	555.89	5.25	551.91	551.49	0.42	0.65	25	0.25	22.65	0.73	1.26	
T	57	39	111.08		2.19	2.19	1.51X	1.78	0.05	0.11	0.11X	554.66	551.33	563.00	558.03	7.99	555.02	553.30	0.13	0.27	0.11	105	0.03	11.18	0.20	0.36
T	33	2	219.55		3.26	3.26	1.51X	2.66	0.11	0.36	0.26X	550.64	544.93	563.00	552.00	5.88	551.12	549.54	0.56	0.27	0.11	70	0.07	10.42	0.31	0.48
CI	32	1	30		1.86	5.12	1.5																			