

STEEL DECKING

Metal Decking - 20 GAGE GALV. STEEL - 2" THICK

Area (SF)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
227,201	1.63	370337.63	0.37	84064.37	0.03	6816.03	461218.03
SUBTOTAL							\$461,218.03

STEEL BEAMS

W-Shaped Beams - First Floor

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	6	2	10	0.06	11.3	135.6	3.77	45.24	2.58	30.96	\$211.80
8 x 15	5	5	15	0.19	12.1	302.5	3.91	97.75	2.61	65.25	\$465.50
8 x 31	14	10	31	2.17	35	4900	4.11	575.4	2.81	393.4	\$5,868.80
12 x 14	10	5	14	0.35	15.8	790	2.57	128.5	1.76	88	\$1,006.50
12 x 14	12	1	14	0.08	15.8	189.6	2.57	30.84	1.76	21.12	\$241.56
12 x 14	20	26	14	3.64	15.8	8216	2.57	1336.4	1.76	915.2	\$10,467.60
12 x 26	20	10	26	2.60	0	29.5	2.57	514	1.76	352	\$895.50
14 x 22	20	5	22	1.10	26.5	2650	2.66	266	1.78	178	\$3,094.00
14 x 22	26	1	22	0.29	26.5	689	2.66	69.16	1.78	46.28	\$804.44
14 x 55	26	2	55	1.43	64	3328	2.93	152.36	1.96	101.92	\$3,582.28
16 x 26	22	2	26	0.57	29.5	1298	2.26	99.44	1.55	68.2	\$1,465.64
16 x 26	24	1	26	0.31	29.5	708	2.26	54.24	1.55	37.2	\$799.44
16 x 26	30	13	26	5.07	29.5	11505	2.26	881.4	1.55	604.5	\$12,990.90
16 x 31	30	2	31	0.93	35	2100	2.51	150.6	1.72	103.2	\$2,353.80
16 x 31	22	1	31	0.34	35	770	2.51	55.22	1.72	37.84	\$863.06
18 x 40	26	1	40	0.52	45	1170	3.4	88.4	1.73	44.98	\$1,303.38
18 x 40	30	2	40	1.20	45	2700	3.4	204	1.73	103.8	\$3,007.80
18 x 60	20	2	60	1.20	78.5	3140	3.77	150.8	1.89	75.6	\$3,366.40
21 x 44	28	1	44	0.62	53	1484	3.91	109.48	1.6	44.8	\$1,638.28
21 x 44	32	1	44	0.70	53	1696	3.91	125.12	1.6	51.2	\$1,872.32
21 x 50	30	1	50	0.75	61.5	1845	3.19	95.7	1.6	48	\$1,988.70
SUBTOTAL											\$58,287.70

W-Shaped Beams - Second Floor - Sector A

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	6	10	10	0.30	11.3	678	3.77	226.2	2.58	154.8	\$1,059.00
10 x 12	21	1	12	0.13	18.15	381.15	3.91	82.11	2.61	54.81	\$518.07
10 x 22	10	1	22	0.11	25	250	3.77	37.7	2.58	25.8	\$313.50
12 x 14	21	21	14	3.09	15.8	6967.8	2.57	1133.37	1.76	776.16	\$8,877.33
12 x 14	10	3	14	0.21	15.8	474	2.57	77.1	1.76	52.8	\$603.90
12 x 14	5	2	14	0.07	15.8	158	2.57	25.7	1.76	17.6	\$201.30
12 x 14	14	10	14	0.98	15.8	2212	2.57	359.8	1.76	246.4	\$2,818.20
12 x 16	10	1	16	0.08	15.8	158	2.57	25.7	1.76	17.6	\$201.30
12 x 16	23	2	16	0.37	15.8	726.8	2.57	118.22	1.76	80.96	\$925.98
12 x 19	20	2	19	0.38	26.5	1060	2.66	106.4	1.78	71.2	\$1,237.60
14 x 22	32	2	22	0.70	26.5	1696	2.66	170.24	1.78	113.92	\$1,980.16
14 x 22	22	5	22	1.21	26.5	2915	2.66	292.6	1.78	195.8	\$3,403.40
14 x 22	10	1	22	0.11	26.5	265	2.66	26.6	1.78	17.8	\$309.40
14 x 22	6	1	22	0.07	26.5	159	2.66	15.96	1.78	10.68	\$185.64
14 x 22	15	1	22	0.17	26.5	397.5	2.66	39.9	1.78	26.7	\$464.10
14 x 22	27	1	22	0.30	26.5	715.5	2.66	71.82	1.78	48.06	\$835.38
16 x 26	31	22	26	8.87	29.5	20119	2.26	1541.32	1.55	1057.1	\$22,717.42
16 x 26	21	20	26	5.46	29.5	12390	2.26	949.2	1.55	651	\$13,990.20
16 x 26	20	1	26	0.26	29.5	590	2.26	45.2	1.55	31	\$666.20
16 x 26	26	1	26	0.34	29.5	767	2.26	58.76	1.55	40.3	\$866.06
16 x 26	15	1	26	0.20	29.5	442.5	2.26	33.9	1.55	23.25	\$499.65
16 x 31	32	9	31	4.46	35	10080	2.51	722.88	1.72	495.36	\$11,298.24
16 x 31	21	3	31	0.98	35	2205	2.51	158.13	1.72	108.36	\$2,471.49
16 x 31	8	1	31	0.12	35	280	2.51	20.08	1.72	13.76	\$313.84
18 x 35	31	3	35	1.63	39.5	3673.5	3.4	316.2	1.73	160.89	\$4,150.59
18 x 35	21	5	35	1.84	39.5	4147.5	3.4	357	1.73	181.65	\$4,686.15
18 x 35	43	6	35	4.52	39.5	10191	3.4	877.2	1.73	446.34	\$11,514.54
18 x 35	14	1	35	0.25	39.5	553	3.4	47.6	1.73	24.22	\$624.82
18 x 40	22	4	40	1.76	45	3960	3.4	299.2	1.73	152.24	\$4,411.44
18 x 40	30	1	40	0.60	45	1350	3.4	102	1.73	51.9	\$1,503.90
18 x 55	32	1	55	0.88	62	1984	3.58	114.56	1.82	58.24	\$2,156.80
21 x 44	27	1	44	0.59	53	1431	3.91	105.57	1.6	43.2	\$1,579.77
21 x 44	43	22	44	20.81	53	50138	3.91	3698.86	1.6	1513.6	\$55,350.46
21 x 50	36	1	50	0.90	60.5	2178	3.19	114.84	1.6	57.6	\$2,350.44
21 x 57	42	1	57	1.20	75	3150	3.27	137.34	1.64	68.88	\$3,356.22
21 x 68	43	1	68	1.46	82.5	3547.5	3.27	140.61	1.64	70.52	\$3,758.63
24 x 55	32	2	55	1.76	66.5	4256	3.06	195.84	1.53	97.92	\$4,549.76
24 x 55	43	5	55	5.91	66.5	14297.5	3.06	657.9	1.53	328.95	\$15,284.35
24 x 55	27	1	55	0.74	66.5	1795.5	3.06	82.62	1.53	41.31	\$1,919.43
24 x 62	27	1	62	0.84	75	2025	3.06	82.62	1.53	41.31	\$2,148.93
24 x 62	32	1	62	0.99	75	2400	3.06	97.92	1.53	48.96	\$2,546.88
24 x 62	42	1	62	1.30	75	3150	3.06	128.52	1.53	64.26	\$3,342.78
24 x 68	42	1	68	1.43	82.5	3465	3.06	128.52	1.53	64.26	\$3,657.78
24 x 68	25	1	68	0.85	82.5	2062.5	3.06	76.5	1.53	38.25	\$2,177.25
24 x 76	32	2	76	2.43	92	5888	3.06	195.84	1.53	97.92	\$6,181.76
24 x 76	20	3	76	2.28	92	5520	3.06	183.6	1.53	91.8	\$5,795.40
24 x 76	43	1	76	1.63	92	3956	3.06	131.58	1.53	65.79	\$4,153.37
27 x 84	21	4	84	3.53	102	8568	2.85	239.4	1.43	120.12	\$8,927.52
27 x 84	42	1	84	1.76	102	4284	2.85	119.7	1.43	60.06	\$4,463.76
30 x 90	43	1	90	1.94	112	4816	2.72	116.96	1.39	59.77	\$4,992.73
30 x 108	32	2	108	3.46	122	7808	2.72	174.08	1.39	88.96	\$8,071.04
										SUBTOTAL	\$250,413.86

W-Shaped Beams - Second Floor - Sector B

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	8	3	10	0.12	11.3	271.2	3.77	90.48	2.58	61.92	\$423.60
8 x 10	12	3	10	0.18	11.3	406.8	3.77	135.72	2.58	92.88	\$635.40
8 x 10	7	2	10	0.07	11.3	158.2	3.77	52.78	2.58	36.12	\$247.10
10 x 12	19	2	12	0.23	25	950	3.77	143.26	2.58	98.04	\$1,191.30
12 x 14	16	4	14	0.45	15.8	1011.2	2.57	164.48	1.76	112.64	\$1,288.32
12 x 14	20	3	14	0.42	15.8	948	2.57	154.2	1.76	105.6	\$1,207.80
12 x 14	25	1	14	0.18	15.8	395	2.57	64.25	1.76	44	\$503.25
12 x 14	10	2	14	0.14	15.8	316	2.57	51.4	1.76	35.2	\$402.60
12 x 14	9	4	14	0.25	15.8	568.8	2.57	92.52	1.76	63.36	\$724.68
12 x 14	6	2	14	0.08	15.8	189.6	2.57	30.84	1.76	21.12	\$241.56
12 x 14	12	7	14	0.59	15.8	1327.2	2.57	215.88	1.76	147.84	\$1,690.92
12 x 14	7	1	14	0.05	15.8	110.6	2.57	17.99	1.76	12.32	\$140.91
12 x 14	14	1	14	0.10	15.8	221.2	2.57	35.98	1.76	24.64	\$281.82
12 x 19	21	5	19	1.00	15.8	1659	2.57	269.85	1.76	184.8	\$2,113.65
12 x 19	8	1	19	0.08	15.8	126.4	2.57	20.56	1.76	14.08	\$161.04
12 x 19	18	1	9	0.08	15.8	284.4	2.57	46.26	1.76	31.68	\$362.34
12 x 26	12	1	26	0.16	29.5	354	2.57	30.84	1.76	21.12	\$405.96
14 x 22	24	1	22	0.26	26.5	636	2.66	63.84	1.78	42.72	\$742.56
14 x 22	10	2	22	0.22	26.5	530	2.66	53.2	1.78	35.6	\$618.80
14 x 22	29	13	22	4.15	26.5	9990.5	2.66	1002.82	1.78	671.06	\$11,664.38
14 x 22	4	1	22	0.04	26.5	106	2.66	10.64	1.78	7.12	\$123.76
14 x 22	8	1	22	0.09	26.5	212	2.66	21.28	1.78	14.24	\$247.52
14 x 22	26	2	22	0.57	26.5	1378	2.66	138.32	1.78	92.56	\$1,608.88
14 x 22	21	3	22	0.69	26.5	1669.5	2.66	167.58	1.78	112.14	\$1,949.22
16 x 26	28	3	26	1.09	29.5	2478	2.26	189.84	1.55	130.2	\$2,798.04
16 x 26	26	1	26	0.34	29.5	767	2.26	58.76	1.55	40.3	\$866.06
16 x 26	24	1	26	0.31	29.5	708	2.26	54.24	1.55	37.2	\$799.44
16 x 26	36	1	26	0.47	29.5	1062	2.26	81.36	1.55	55.8	\$1,199.16
16 x 26	12	2	26	0.31	29.5	708	2.26	54.24	1.55	37.2	\$799.44
16 x 26	21	5	26	1.37	29.5	3097.5	2.26	237.3	1.55	162.75	\$3,497.55
16 x 26	30	2	26	0.78	29.5	1770	2.26	135.6	1.55	93	\$1,998.60
16 x 31	32	1	31	0.50	35	1120	2.51	80.32	1.72	55.04	\$1,255.36
16 x 31	20	3	31	0.93	35	2100	2.51	150.6	1.72	103.2	\$2,353.80
16 x 31	28	1	31	0.43	35	980	2.51	70.28	1.72	48.16	\$1,098.44
16 x 31	18	2	31	0.56	35	1260	2.51	90.36	1.72	61.92	\$1,412.28
16 x 35	8	1	35	0.14	45	360	2.82	22.56	1.93	15.44	\$398.00
16 x 40	29	1	40	0.58	45	1305	2.82	81.78	1.93	55.97	\$1,442.75
18 x 35	32	1	35	0.56	39.5	1264	3.4	108.8	1.73	55.36	\$1,428.16
18 x 35	26	1	35	0.46	39.5	1027	3.4	88.4	1.73	44.98	\$1,160.38
18 x 35	34	5	35	2.98	39.5	6715	3.4	578	1.73	294.1	\$7,587.10
18 x 35	36	5	35	3.15	39.5	7110	3.4	612	1.73	311.4	\$8,033.40
18 x 35	29	2	35	1.02	39.5	2291	3.4	197.2	1.73	100.34	\$2,588.54
18 x 35	13	1	35	0.23	39.5	513.5	3.4	44.2	1.73	22.49	\$580.19
18 x 35	20	2	35	0.70	39.5	1580	3.4	136	1.73	69.2	\$1,785.20
18 x 40	26	3	40	1.56	45	3510	3.4	265.2	1.73	134.94	\$3,910.14
18 x 40	15	1	40	0.30	45	675	3.4	51	1.73	25.95	\$751.95
18 x 40	21	1	40	0.42	45	945	3.4	71.4	1.73	36.33	\$1,052.73
18 x 40	32	2	40	1.28	45	2880	3.4	217.6	1.73	110.72	\$3,208.32
21 x 26	28	1	26	0.36	49.5	1386	3.07	85.96	1.56	43.68	\$1,515.64
21 x 44	14	1	44	0.31	53	742	3.91	54.74	1.6	22.4	\$819.14
21 x 44	29	1	44	0.64	53	1537	3.91	113.39	1.6	46.4	\$1,696.79
21 x 44	18	1	44	0.40	53	954	3.91	70.38	1.6	28.8	\$1,053.18
21 x 50	30	2	50	1.50	60.5	3630	3.19	191.4	1.6	96	\$3,917.40
21 x 50	16	1	50	0.40	60.5	968	3.19	51.04	1.6	25.6	\$1,044.64
21 x 50	24	1	50	0.60	60.5	1452	3.19	76.56	1.6	38.4	\$1,566.96
21 x 50	34	1	50	0.85	60.5	2057	3.19	108.46	1.6	54.4	\$2,219.86
21 x 68	9	1	68	0.31	76.5	688.5	3.15	28.35	1.6	14.4	\$731.25
24 x 55	42	4	55	4.62	66.5	11172	3.06	514.08	1.53	257.04	\$11,943.12
24 x 68	29	1	68	0.99	82.5	2392.5	3.06	88.74	1.53	44.37	\$2,525.61
24 x 68	34	2	68	2.31	82.5	5610	3.06	208.08	1.53	104.04	\$5,922.12
24 x 76	32	1	76	1.22	92	2944	3.06	97.92	1.53	48.96	\$3,090.88
27 x 84	40	1	84	1.68	102	4080	2.85	114	1.43	57.2	\$4,251.20

SUBTOTAL \$123,280.19

W-Shaped Beams - Third Floor - Section A

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	6	15	10	0.45	11.3	1017	3.77	339.3	2.58	232.2	\$1,588.50
8 x 10	8	3	10	0.12	11.3	271.2	3.77	90.48	2.58	61.92	\$423.60
10 x 12	20	1	12	0.12	25	500	3.77	75.4	2.58	51.6	\$627.00
10 x 22	10	1	22	0.11	25	250	3.77	37.7	2.58	25.8	\$313.50
12 x 14	16	4	14	0.45	15.8	1011.2	2.57	164.48	1.76	112.64	\$1,288.32
12 x 14	20	19	14	2.66	15.8	6004	2.57	976.6	1.76	668.8	\$7,649.40
12 x 14	18	1	14	0.13	15.8	284.4	2.57	46.26	1.76	31.68	\$362.34
12 x 14	14	8	14	0.78	15.8	1769.6	2.57	287.84	1.76	197.12	\$2,254.56
12 x 14	6	4	14	0.17	15.8	379.2	2.57	61.68	1.76	42.24	\$483.12
12 x 14	8	2	14	0.11	15.8	252.8	2.57	41.12	1.76	28.16	\$322.08
12 x 16	10	1	16	0.08	16.95	169.5	2.66	26.6	1.78	17.8	\$213.90
12 x 16	20	3	16	0.48	16.95	1017	2.66	159.6	1.78	106.8	\$1,283.40
12 x 19	21	9	19	1.80	26.5	5008.5	2.66	502.74	1.78	336.42	\$5,847.66
12 x 19	13	1	19	0.12	26.5	344.5	2.66	34.58	1.78	23.14	\$402.22
14 x 22	16	3	22	0.53	26.5	1272	2.66	127.68	1.78	85.44	\$1,485.12
14 x 22	21	3	22	0.69	26.5	1669.5	2.66	167.58	1.78	112.14	\$1,949.22
14 x 22	30	2	22	0.66	26.5	1590	2.66	159.6	1.78	106.8	\$1,856.40
14 x 22	26	3	22	0.86	26.5	2067	2.66	207.48	1.78	138.84	\$2,413.32
14 x 22	12	2	22	0.26	26.5	636	2.66	63.84	1.78	42.72	\$742.56
14 x 22	9	1	22	0.10	26.5	238.5	2.66	23.94	1.78	16.02	\$278.46
16 x 26	24	1	26	0.31	29.5	708	2.26	54.24	1.55	37.2	\$799.44
16 x 26	21	10	26	2.73	29.5	6195	2.26	474.6	1.55	325.5	\$6,995.10
16 x 26	15	3	26	0.59	29.5	1327.5	2.26	101.7	1.55	69.75	\$1,498.95
16 x 26	32	17	26	7.07	29.5	16048	2.26	1229.44	1.55	843.2	\$18,120.64
16 x 26	42	1	26	0.55	29.5	1239	2.26	94.92	1.55	65.1	\$1,399.02
16 x 26	20	9	26	2.34	29.5	5310	2.26	406.8	1.55	279	\$5,995.80
16 x 31	21	3	31	0.98	35	2205	2.51	158.13	1.72	108.36	\$2,471.49
16 x 31	30	10	31	4.65	35	10500	2.51	753	1.72	516	\$11,769.00
16 x 31	32	3	31	1.49	35	3360	2.51	240.96	1.72	165.12	\$3,766.08
18 x 35	24	1	35	0.42	39.5	948	3.4	81.6	1.73	41.52	\$1,071.12
18 x 35	26	1	35	0.46	39.5	1027	3.4	88.4	1.73	44.98	\$1,160.38
18 x 35	8	1	35	0.14	39.5	316	3.4	27.2	1.73	13.84	\$357.04
18 x 35	30	4	35	2.10	39.5	4740	3.4	408	1.73	207.6	\$5,355.60
18 x 35	42	3	35	2.21	39.5	4977	3.4	428.4	1.73	217.98	\$5,623.38
18 x 35	38	2	35	1.33	39.5	3002	3.4	258.4	1.73	131.48	\$3,391.88
18 x 35	21	7	35	2.57	39.5	5806.5	3.4	499.8	1.73	254.31	\$6,560.61
18 x 35	16	14	35	3.92	39.5	8848	3.4	761.6	1.73	387.52	\$9,997.12
18 x 40	28	2	40	1.12	45	2520	3.4	190.4	1.73	96.88	\$2,807.28
18 x 40	26	1	40	0.52	45	1170	3.4	88.4	1.73	44.98	\$1,303.38
18 x 40	30	1	40	0.60	45	1350	3.4	102	1.73	51.9	\$1,503.90
18 x 71	42	1	71	1.49	92	3864	3.77	158.34	1.89	79.38	\$4,101.72
18 x 86	42	1	86	1.81	104	4368	3.77	158.34	1.89	79.38	\$4,605.72
21 x 44	16	1	44	0.35	53	848	3.91	62.56	1.6	25.6	\$936.16
21 x 44	27	1	44	0.59	53	1431	3.91	105.57	1.6	43.2	\$1,579.77
21 x 44	21	1	44	0.46	53	1113	3.91	82.11	1.6	33.6	\$1,228.71
21 x 44	42	15	44	13.86	53	33390	3.91	2463.3	1.6	1008	\$36,861.30
21 x 48	21	1	48	0.50	60.5	1270.5	3.19	66.99	1.6	33.6	\$1,371.09
21 x 50	42	3	50	3.15	60.5	7623	3.19	401.94	1.6	201.6	\$8,226.54
21 x 68	24	5	68	4.08	82.5	9900	3.27	392.4	1.64	196.8	\$10,489.20
21 x 68	42	1	68	1.43	82.5	3465	3.27	137.34	1.64	68.88	\$3,671.22
24 x 55	27	2	55	1.49	66.5	3591	3.06	165.24	1.53	82.62	\$3,838.86
24 x 55	32	2	55	1.76	66.5	4256	3.06	195.84	1.53	97.92	\$4,549.76
24 x 55	21	1	55	0.58	66.5	1396.5	3.06	64.26	1.53	32.13	\$1,492.89
24 x 55	42	4	55	4.62	66.5	11172	3.06	514.08	1.53	257.04	\$11,943.12
24 x 62	32	1	62	0.99	75	2400	3.06	97.92	1.53	48.96	\$2,546.88
24 x 62	42	2	62	2.60	75	6300	3.06	257.04	1.53	128.52	\$6,685.56
24 x 68	42	1	68	1.43	82.5	3465	3.06	128.52	1.53	64.26	\$3,657.78
24 x 76	30	2	76	2.28	92	5520	3.06	183.6	1.53	91.8	\$5,795.40
24 x 76	20	2	76	1.52	92	3680	3.06	122.4	1.53	61.2	\$3,863.60
24 x 76	42	1	76	1.60	92	3864	3.06	128.52	1.53	64.26	\$4,056.78
27 x 84	21	4	84	3.53	102	8568	2.85	239.4	1.43	120.12	\$8,927.52
27 x 84	30	1	84	1.26	102	3060	2.85	85.5	1.43	42.9	\$3,188.40
27 x 84	38	1	84	1.60	102	3876	2.85	108.3	1.43	54.34	\$4,038.64
27 x 84	42	1	84	1.76	102	4284	2.85	119.7	1.43	60.06	\$4,463.76
30 x 108	32	2	108	3.46	122	7808	2.72	174.08	1.39	88.96	\$8,071.04

40 x 277	42	1	277	5.82	340	14280	3.16	132.72	1.61	67.62	\$14,480.34
SUBTOTAL											\$288,403.65
W-Shaped Beams - Third Floor - Section B											
Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	8	4	10	0.16	11.3	361.6	3.77	120.64	2.58	82.56	\$564.80
8 x 10	12	2	10	0.12	11.3	271.2	3.77	90.48	2.58	61.92	\$423.60
8 x 10	9	2	10	0.09	11.3	203.4	3.77	67.86	2.58	46.44	\$317.70
10 x 12	18	2	12	0.22	25	900	3.77	135.72	2.58	92.88	\$1,128.60
12 x 14	20	7	14	0.98	15.8	2212	2.57	359.8	1.76	246.4	\$2,818.20
12 x 14	18	1	14	0.13	15.8	284.4	2.57	46.26	1.76	31.68	\$362.34
12 x 14	12	6	14	0.50	15.8	1137.6	2.57	185.04	1.76	126.72	\$1,449.36
12 x 14	16	6	14	0.67	15.8	1516.8	2.57	246.72	1.76	168.96	\$1,932.48
12 x 14	6	2	14	0.08	15.8	189.6	2.57	30.84	1.76	21.12	\$241.56
12 x 14	10	2	14	0.14	15.8	316	2.57	51.4	1.76	35.2	\$402.60
12 x 19	21	5	19	1.00	16.95	1779.75	2.66	279.3	1.78	186.9	\$2,245.95
12 x 19	18	2	19	0.34	16.95	610.2	2.66	95.76	1.78	64.08	\$770.04
12 x 26	26	1	26	0.34	31.5	819	2.66	69.16	1.78	46.28	\$934.44
14 x 22	16	2	22	0.35	26.5	848	2.66	85.12	1.78	56.96	\$990.08
14 x 22	24	2	22	0.53	26.5	1272	2.66	127.68	1.78	85.44	\$1,485.12
14 x 22	26	16	22	4.58	26.5	11024	2.66	1106.56	1.78	740.48	\$12,871.04
14 x 22	21	4	22	0.92	26.5	2226	2.66	223.44	1.78	149.52	\$2,598.96
14 x 22	12	1	22	0.13	26.5	318	2.66	31.92	1.78	21.36	\$371.28
16 x 26	12	1	26	0.16	29.5	354	2.26	27.12	1.55	18.6	\$399.72
16 x 26	28	1	26	0.36	29.5	826	2.26	63.28	1.55	43.4	\$932.68
16 x 26	32	1	26	0.42	29.5	944	2.26	72.32	1.55	49.6	\$1,065.92
16 x 26	36	1	26	0.47	29.5	1062	2.26	81.36	1.55	55.8	\$1,199.16
16 x 26	26	2	26	0.68	29.5	1534	2.26	117.52	1.55	80.6	\$1,732.12
16 x 26	21	7	26	1.91	29.5	4336.5	2.26	332.22	1.55	227.85	\$4,896.57
16 x 31	32	2	31	0.99	35	2240	2.51	160.64	1.72	110.08	\$2,510.72
16 x 31	35	2	31	1.09	35	2450	2.51	175.7	1.72	120.4	\$2,746.10
16 x 31	26	1	31	0.40	35	910	2.51	65.26	1.72	44.72	\$1,019.98
16 x 31	30	1	31	0.47	35	1050	2.51	75.3	1.72	51.6	\$1,176.90
16 x 31	21	1	31	0.33	35	735	2.51	52.71	1.72	36.12	\$823.83
16 x 31	18	3	31	0.84	35	1890	2.51	135.54	1.72	92.88	\$2,118.42
16 x 40	26	1	40	0.52	48.5	1261	2.93	76.18	1.96	50.96	\$1,388.14
18 x 35	16	13	35	3.64	39.5	8216	3.4	707.2	1.73	359.84	\$9,283.04
18 x 35	8	1	35	0.14	39.5	316	3.4	27.2	1.73	13.84	\$357.04
18 x 35	18	1	35	0.32	39.5	711	3.4	61.2	1.73	31.14	\$803.34
18 x 35	20	1	35	0.35	39.5	790	3.4	68	1.73	34.6	\$892.60
18 x 35	26	3	35	1.37	39.5	3081	3.4	265.2	1.73	134.94	\$3,481.14
18 x 35	30	2	35	1.05	39.5	2370	3.4	204	1.73	103.8	\$2,677.80
18 x 35	32	1	35	0.56	39.5	1264	3.4	108.8	1.73	55.36	\$1,428.16
18 x 35	34	1	35	0.60	39.5	1343	3.4	115.6	1.73	58.82	\$1,517.42
18 x 35	36	8	35	5.04	39.5	11376	3.4	979.2	1.73	498.24	\$12,853.44
18 x 40	24	2	40	0.96	45	2160	3.4	163.2	1.73	83.04	\$2,406.24
18 x 40	32	1	40	0.64	45	1440	3.4	108.8	1.73	55.36	\$1,604.16
18 x 40	21	1	40	0.42	45	945	3.4	71.4	1.73	36.33	\$1,052.73
18 x 46	20	1	46	0.46	55.5	1110	3.53	70.6	1.77	35.4	\$1,216.00
18 x 61	26	1	61	0.79	78.5	2041	3.77	98.02	1.89	49.14	\$2,188.16
18 x 65	20	1	65	0.65	78.5	1570	3.77	75.4	1.89	37.8	\$1,683.20
21 x 44	24	2	44	1.06	53	2544	3.91	187.68	1.6	76.8	\$2,808.48
21 x 44	36	1	44	0.79	53	1908	3.91	140.76	1.6	57.6	\$2,106.36
21 x 44	26	1	44	0.57	53	1378	3.91	101.66	1.6	41.6	\$1,521.26
21 x 44	18	4	44	1.58	53	3816	3.91	281.52	1.6	115.2	\$4,212.72
21 x 44	28	3	44	1.85	53	4452	3.91	328.44	1.6	134.4	\$4,914.84
21 x 50	30	1	50	0.75	60.5	1815	3.19	95.7	1.6	48	\$1,958.70
21 x 50	32	1	50	0.80	60.5	1936	3.19	102.08	1.6	51.2	\$2,089.28
21 x 50	34	1	50	0.85	60.5	2057	3.19	108.46	1.6	54.4	\$2,219.86
21 x 50	42	4	50	4.20	60.5	10164	3.19	535.92	1.6	268.8	\$10,968.72
21 x 68	24	4	68	3.26	82.5	7920	3.06	293.76	1.53	146.88	\$8,360.64
24 x 68	34	1	68	1.16	82.5	2805	3.06	104.04	1.53	52.02	\$2,961.06
24 x 76	32	1	76	1.22	92	2944	3.06	97.92	1.53	48.96	\$3,090.88
24 x 76	38	1	76	1.44	92	3496	3.06	116.28	1.53	58.14	\$3,670.42
27 x 84	40	1	84	1.68	102	4080	2.85	114	1.43	57.2	\$4,251.20
SUBTOTAL											\$152,497.30

W-Shaped Beams - Third Floor - Section C

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 18	11	6	18	0.59	48.5	3201	3.53	232.98	1.77	116.82	\$3,550.80
8 x 40	23	2	40	0.92	48.5	2231	3.53	162.38	1.77	81.42	\$2,474.80

SUBTOTAL \$6,025.60

W-Shaped Beams - Fourth Floor - Section A

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	10	1	10	0.05	11.3	113	3.77	37.7	2.58	25.8	\$176.50
8 x 10	5	4	10	0.10	11.3	226	3.77	75.4	2.58	51.6	\$353.00
12 x 14	4	1	14	0.03	15.8	63.2	2.57	10.28	1.76	7.04	\$80.52
12 x 14	6	2	14	0.08	15.8	189.6	2.57	30.84	1.76	21.12	\$241.56
12 x 14	8	1	14	0.06	15.8	126.4	2.57	20.56	1.76	14.08	\$161.04
12 x 14	10	2	14	0.14	15.8	316	2.57	51.4	1.76	35.2	\$402.60
12 x 14	14	1	14	0.10	15.8	221.2	2.57	35.98	1.76	24.64	\$281.82
12 x 14	15	2	14	0.21	15.8	474	2.57	77.1	1.76	52.8	\$603.90
12 x 14	18	1	14	0.13	15.8	284.4	2.57	46.26	1.76	31.68	\$362.34
12 x 14	20	14	14	1.96	15.8	4424	2.57	719.6	1.76	492.8	\$5,636.40
12 x 14	21	2	14	0.29	15.8	663.6	2.57	107.94	1.76	73.92	\$845.46
12 x 16	10	1	16	0.08	16.95	169.5	2.66	26.6	1.78	17.8	\$213.90
12 x 16	14	2	16	0.22	16.95	474.6	2.66	74.48	1.78	49.84	\$598.92
12 x 16	20	2	16	0.32	16.95	678	2.66	106.4	1.78	71.2	\$855.60
12 x 19	20	1	19	0.19	16.95	339	2.66	53.2	1.78	35.6	\$427.80
14 x 22	32	1	22	0.35	26.5	848	2.66	85.12	1.78	56.96	\$990.08
14 x 22	12	1	22	0.13	26.5	318	2.66	31.92	1.78	21.36	\$371.28
14 x 22	20	2	22	0.44	26.5	1060	2.66	106.4	1.78	71.2	\$1,237.60
14 x 22	21	1	22	0.23	26.5	556.5	2.66	55.86	1.78	37.38	\$649.74
14 x 22	24	1	22	0.26	26.5	636	2.66	63.84	1.78	42.72	\$742.56
14 x 22	26	1	22	0.29	26.5	689	2.66	69.16	1.78	46.28	\$804.44
16 x 26	14	1	26	0.18	29.5	413	2.26	31.64	1.55	21.7	\$466.34
16 x 26	15	2	26	0.39	29.5	885	2.26	67.8	1.55	46.5	\$999.30
16 x 26	17	22	26	4.86	29.5	11033	2.26	845.24	1.55	579.7	\$12,457.94
16 x 26	21	17	26	4.64	29.5	10531.5	2.26	806.82	1.55	553.35	\$11,891.67
16 x 26	28	1	26	0.36	29.5	826	2.26	63.28	1.55	43.4	\$932.68
16 x 26	30	13	26	5.07	29.5	11505	2.26	881.4	1.55	604.5	\$12,990.90
16 x 26	32	10	26	4.16	29.5	9440	2.26	723.2	1.55	496	\$10,659.20
16 x 31	32	7	31	3.47	35	7840	2.51	562.24	1.72	385.28	\$8,787.52
16 x 31	22	3	31	1.02	35	2310	2.51	165.66	1.72	113.52	\$2,589.18
16 x 36	30	1	36	0.54	48.5	1455	2.93	87.9	1.96	58.8	\$1,601.70
16 x 36	24	5	36	2.16	48.5	5820	2.93	351.6	1.96	235.2	\$6,406.80
16 x 36	17	1	36	0.31	48.5	824.5	2.93	49.81	1.96	33.32	\$907.63
18 x 35	21	4	35	1.47	39.5	3318	3.4	285.6	1.73	145.32	\$3,748.92
18 x 35	32	1	35	0.56	39.5	1264	3.4	108.8	1.73	55.36	\$1,428.16
18 x 35	26	1	35	0.46	39.5	1027	3.4	88.4	1.73	44.98	\$1,160.38
18 x 35	30	1	35	0.53	39.5	1185	3.4	102	1.73	51.9	\$1,338.90
18 x 35	43	4	35	3.01	39.5	6794	3.4	584.8	1.73	297.56	\$7,676.36
18 x 35	20	2	35	0.70	39.5	1580	3.4	136	1.73	69.2	\$1,785.20
18 x 35	15	1	35	0.26	39.5	592.5	3.4	51	1.73	25.95	\$669.45
18 x 35	42	3	35	2.21	39.5	4977	3.4	428.4	1.73	217.98	\$5,623.38
18 x 40	27	2	40	1.08	45	2430	3.4	183.6	1.73	93.42	\$2,707.02
18 x 40	32	2	40	1.28	45	2880	3.4	217.6	1.73	110.72	\$3,208.32
18 x 40	21	1	40	0.42	45	945	3.4	71.4	1.73	36.33	\$1,052.73
21 x 44	27	1	44	0.59	53	1431	3.91	105.57	1.6	43.2	\$1,579.77
21 x 44	43	7	44	6.62	53	15953	3.91	1176.91	1.6	481.6	\$17,611.51
21 x 44	42	19	44	17.56	53	42294	3.91	3120.18	1.6	1276.8	\$46,690.98
21 x 44	24	4	44	2.11	53	5088	3.91	375.36	1.6	153.6	\$5,616.96
24 x 55	21	1	55	0.58	66.5	1396.5	3.06	64.26	1.53	32.13	\$1,492.89
24 x 55	32	2	55	1.76	66.5	4256	3.06	195.84	1.53	97.92	\$4,549.76
24 x 55	43	1	55	1.18	66.5	2859.5	3.06	131.58	1.53	65.79	\$3,056.87
24 x 55	28	1	55	0.77	66.5	1862	3.06	85.68	1.53	42.84	\$1,990.52
24 x 55	40	1	55	1.10	66.5	2660	3.06	122.4	1.53	61.2	\$2,843.60
24 x 55	24	1	55	0.66	66.5	1596	3.06	73.44	1.53	36.72	\$1,706.16
24 x 62	32	1	62	0.99	75	2400	3.06	97.92	1.53	48.96	\$2,546.88
24 x 62	30	1	62	0.93	75	2250	3.06	91.8	1.53	45.9	\$2,387.70
24 x 62	42	1	62	1.30	75	3150	3.06	128.52	1.53	64.26	\$3,342.78
24 x 68	42	1	68	1.43	82.5	3465	3.06	128.52	1.53	64.26	\$3,657.78
24 x 76	32	2	76	2.43	92	5888	3.06	195.84	1.53	97.92	\$6,181.76
24 x 76	20	2	76	1.52	92	3680	3.06	122.4	1.53	61.2	\$3,863.60

24 x 76	43	1	76	1.63	92	3956	3.06	131.58	1.53	65.79	\$4,153.37
24 x 84	38	1	84	1.60	102	3876	3.14	119.32	1.57	59.66	\$4,054.98
24 x 94	42	1	94	1.97	114	4788	3.14	131.88	1.57	65.94	\$4,985.82
27 x 84	21	4	84	3.53	102	8568	2.85	239.4	1.43	120.12	\$8,927.52
27 x 84	42	1	84	1.76	102	4284	2.85	119.7	1.43	60.06	\$4,463.76
30 x 108	32	2	108	3.46	122	7808	2.72	174.08	1.39	88.96	\$8,071.04

SUBTOTAL \$260,902.75

W-Shaped Beams - Fourth Floor - Section B

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	8	4	10	0.16	11.3	361.6	3.77	120.64	2.58	82.56	\$564.80
8 x 10	12	2	10	0.12	11.3	271.2	3.77	90.48	2.58	61.92	\$423.60
8 x 10	9	2	10	0.09	11.3	203.4	3.77	67.86	2.58	46.44	\$317.70
10 x 12	18	2	12	0.22	25	900	3.77	135.72	2.58	92.88	\$1,128.60
12 x 14	20	7	14	0.98	15.8	2212	2.57	359.8	1.76	246.4	\$2,818.20
12 x 14	18	1	14	0.13	15.8	284.4	2.57	46.26	1.76	31.68	\$362.34
12 x 14	12	6	14	0.50	15.8	1137.6	2.57	185.04	1.76	126.72	\$1,449.36
12 x 14	16	6	14	0.67	15.8	1516.8	2.57	246.72	1.76	168.96	\$1,932.48
12 x 14	6	2	14	0.08	15.8	189.6	2.57	30.84	1.76	21.12	\$241.56
12 x 14	10	2	14	0.14	15.8	316	2.57	51.4	1.76	35.2	\$402.60
12 x 19	21	5	19	1.00	15.8	1659	2.57	269.85	1.76	184.8	\$2,113.65
12 x 19	18	2	19	0.34	15.8	568.8	2.57	92.52	1.76	63.36	\$724.68
12 x 26	26	1	26	0.34	29.5	767	2.57	66.82	1.76	45.76	\$879.58
14 x 22	16	2	22	0.35	26.5	848	2.66	85.12	1.78	56.96	\$990.08
14 x 22	24	2	22	0.53	26.5	1272	2.66	127.68	1.78	85.44	\$1,485.12
14 x 22	26	16	22	4.58	26.5	11024	2.66	1106.56	1.78	740.48	\$12,871.04
14 x 22	21	4	22	0.92	26.5	2226	2.66	223.44	1.78	149.52	\$2,598.96
14 x 22	12	1	22	0.13	26.5	318	2.66	31.92	1.78	21.36	\$371.28
16 x 26	12	1	26	0.16	29.5	354	2.26	27.12	1.55	18.6	\$399.72
16 x 26	28	1	26	0.36	29.5	826	2.26	63.28	1.55	43.4	\$932.68
16 x 26	32	1	26	0.42	29.5	944	2.26	72.32	1.55	49.6	\$1,065.92
16 x 26	36	1	26	0.47	29.5	1062	2.26	81.36	1.55	55.8	\$1,199.16
16 x 26	26	2	26	0.68	29.5	1534	2.26	117.52	1.55	80.6	\$1,732.12
16 x 26	21	7	26	1.91	29.5	4336.5	2.26	332.22	1.55	227.85	\$4,896.57
16 x 31	32	2	31	0.99	35	2240	2.51	160.64	1.72	110.08	\$2,510.72
16 x 31	35	2	31	1.09	35	2450	2.51	175.7	1.72	120.4	\$2,746.10
16 x 31	26	1	31	0.40	35	910	2.51	65.26	1.72	44.72	\$1,019.98
16 x 31	30	1	31	0.47	35	1050	2.51	75.3	1.72	51.6	\$1,176.90
16 x 31	21	1	31	0.33	35	735	2.51	52.71	1.72	36.12	\$823.83
16 x 31	18	3	31	0.84	35	1890	2.51	135.54	1.72	92.88	\$2,118.42
16 x 40	26	1	40	0.52	45	1170	2.82	73.32	1.93	50.18	\$1,293.50
18 x 35	16	13	35	3.64	39.5	8216	3.4	707.2	1.73	359.84	\$9,283.04
18 x 35	8	1	35	0.14	39.5	316	3.4	27.2	1.73	13.84	\$357.04
18 x 35	18	1	35	0.32	39.5	711	3.4	61.2	1.73	31.14	\$803.34
18 x 35	20	1	35	0.35	39.5	790	3.4	68	1.73	34.6	\$892.60
18 x 35	26	3	35	1.37	39.5	3081	3.4	265.2	1.73	134.94	\$3,481.14
18 x 35	30	2	35	1.05	39.5	2370	3.4	204	1.73	103.8	\$2,677.80
18 x 35	32	1	35	0.56	39.5	1264	3.4	108.8	1.73	55.36	\$1,428.16
18 x 35	34	1	35	0.60	39.5	1343	3.4	115.6	1.73	58.82	\$1,517.42
18 x 35	36	8	35	5.04	39.5	11376	3.4	979.2	1.73	498.24	\$12,853.44
18 x 40	24	2	40	0.96	45	2160	3.4	163.2	1.73	83.04	\$2,406.24
18 x 40	32	1	40	0.64	45	1440	3.4	108.8	1.73	55.36	\$1,604.16
18 x 40	21	1	40	0.42	45	945	3.4	71.4	1.73	36.33	\$1,052.73
18 x 46	20	1	46	0.46	55.5	1110	3.53	70.6	1.77	35.4	\$1,216.00
18 x 61	26	1	61	0.79	78.5	2041	3.77	98.02	1.89	49.14	\$2,188.16
18 x 65	20	1	65	0.65	78.5	1570	3.77	75.4	1.89	37.8	\$1,683.20
21 x 44	24	2	44	1.06	53	2544	3.91	187.68	1.6	76.8	\$2,808.48
21 x 44	36	1	44	0.79	53	1908	3.91	140.76	1.6	57.6	\$2,106.36
21 x 44	26	1	44	0.57	53	1378	3.91	101.66	1.6	41.6	\$1,521.26
21 x 44	18	4	44	1.58	53	3816	3.91	281.52	1.6	115.2	\$4,212.72
21 x 44	28	3	44	1.85	53	4452	3.91	328.44	1.6	134.4	\$4,914.84
21 x 50	30	1	50	0.75	60.5	1815	3.19	95.7	1.6	48	\$1,958.70
21 x 50	32	1	50	0.80	60.5	1936	3.19	102.08	1.6	51.2	\$2,089.28
21 x 50	34	1	50	0.85	60.5	2057	3.19	108.46	1.6	54.4	\$2,219.86
21 x 50	42	4	50	4.20	60.5	10164	3.19	535.92	1.6	268.8	\$10,968.72
21 x 68	24	4	68	3.26	82.5	7920	3.06	293.76	1.53	146.88	\$8,360.64
24 x 68	34	1	68	1.16	82.5	2805	3.06	104.04	1.53	52.02	\$2,961.06

24 x 76	32	1	76	1.22	92	2944	3.06	97.92	1.53	48.96	\$3,090.88
24 x 76	38	1	76	1.44	92	3496	3.06	116.28	1.53	58.14	\$3,670.42
27 x 84	40	1	84	1.68	102	4080	2.85	114	1.43	57.2	\$4,251.20
SUBTOTAL											\$152,170.14

W-Shaped Beams - Roof - Section A

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	10	1	10	0.05	11.3	113	3.77	37.7	2.58	25.8	\$176.50
10 x 12	20	8	12	0.96	25	4000	3.77	603.2	2.58	412.8	\$5,016.00
10 x 12	14	1	12	0.08	25	350	3.77	52.78	2.58	36.12	\$438.90
12 x 14	5	4	14	0.14	15.8	316	2.57	51.4	1.76	35.2	\$402.60
12 x 14	10	18	14	1.26	15.8	2844	2.57	462.6	1.76	316.8	\$3,623.40
12 x 14	15	4	14	0.42	15.8	948	2.57	154.2	1.76	105.6	\$1,207.80
12 x 14	20	21	14	2.94	15.8	6636	2.57	1079.4	1.76	739.2	\$8,454.60
12 x 16	12	8	16	0.77	16.95	1627.2	2.66	255.36	1.78	170.88	\$2,053.44
12 x 16	16	1	16	0.13	16.95	271.2	2.66	42.56	1.78	28.48	\$342.24
12 x 16	20	3	16	0.48	16.95	1017	2.66	159.6	1.78	106.8	\$1,283.40
12 x 19	15	2	19	0.29	26.5	795	2.66	79.8	1.78	53.4	\$928.20
12 x 19	23	3	19	0.66	26.5	1828.5	2.66	183.54	1.78	122.82	\$2,134.86
12 x 19	24	1	19	0.23	26.5	636	2.66	63.84	1.78	42.72	\$742.56
12 x 26	5	114	26	7.41	31.5	17955	2.66	1516.2	1.78	1014.6	\$20,485.80
14 x 22	17	2	22	0.37	26.5	901	2.66	90.44	1.78	60.52	\$1,051.96
14 x 22	20	1	22	0.22	26.5	530	2.66	53.2	1.78	35.6	\$618.80
14 x 22	21	7	22	1.62	26.5	3895.5	2.66	391.02	1.78	261.66	\$4,548.18
14 x 22	26	5	22	1.43	26.5	3445	2.66	345.8	1.78	231.4	\$4,022.20
14 x 22	32	12	22	4.22	26.5	10176	2.66	1021.44	1.78	683.52	\$11,880.96
16 x 26	12	1	26	0.16	29.5	354	2.26	27.12	1.55	18.6	\$399.72
16 x 26	15	1	26	0.20	29.5	442.5	2.26	33.9	1.55	23.25	\$499.65
16 x 26	19	1	26	0.25	29.5	560.5	2.26	42.94	1.55	29.45	\$632.89
16 x 26	20	2	26	0.52	29.5	1180	2.26	90.4	1.55	62	\$1,332.40
16 x 26	21	32	26	8.74	29.5	19824	2.26	1518.72	1.55	1041.6	\$22,384.32
16 x 26	24	1	26	0.31	29.5	708	2.26	54.24	1.55	37.2	\$799.44
16 x 26	32	17	26	7.07	29.5	16048	2.26	1229.44	1.55	843.2	\$18,120.64
16 x 26	34	2	26	0.88	29.5	2006	2.26	153.68	1.55	105.4	\$2,265.08
16 x 31	21	5	31	1.63	35	3675	2.51	263.55	1.72	180.6	\$4,119.15
16 x 31	32	11	31	5.46	35	12320	2.51	883.52	1.72	605.44	\$13,808.96
16 x 36	21	1	36	0.38	48.5	1018.5	2.93	61.53	1.96	41.16	\$1,121.19
16 x 36	32	1	36	0.58	48.5	1552	2.93	93.76	1.96	62.72	\$1,708.48
18 x 35	19	2	35	0.67	39.5	1501	3.4	129.2	1.73	65.74	\$1,695.94
18 x 35	21	4	35	1.47	39.5	3318	3.4	285.6	1.73	145.32	\$3,748.92
18 x 35	26	1	35	0.46	39.5	1027	3.4	88.4	1.73	44.98	\$1,160.38
18 x 35	32	4	35	2.24	39.5	5056	3.4	435.2	1.73	221.44	\$5,712.64
18 x 35	42	2	35	1.47	39.5	3318	3.4	285.6	1.73	145.32	\$3,748.92
18 x 40	21	4	40	1.68	45	3780	3.4	285.6	1.73	145.32	\$4,210.92
18 x 40	24	1	40	0.48	45	1080	3.4	81.6	1.73	41.52	\$1,203.12
18 x 40	32	1	40	0.64	45	1440	3.4	108.8	1.73	55.36	\$1,604.16
18 x 46	27	1	46	0.62	55.5	1498.5	3.53	95.31	1.77	47.79	\$1,641.60
18 x 50	21	1	50	0.53	60.5	1270.5	3.72	78.12	1.86	39.06	\$1,387.68
18 x 50	32	1	50	0.80	60.5	1936	3.72	119.04	1.86	59.52	\$2,114.56
18 x 50	24	4	50	2.40	60.5	5808	3.72	357.12	1.86	178.56	\$6,343.68
18 x 71	44	1	71	1.56	92	4048	3.77	165.88	1.89	83.16	\$4,297.04
21 x 44	24	1	44	0.53	53	1272	3.91	93.84	1.6	38.4	\$1,404.24
21 x 44	32	5	44	3.52	53	8480	3.91	625.6	1.6	256	\$9,361.60
21 x 44	42	15	44	13.86	53	33390	3.91	2463.3	1.6	1008	\$36,861.30
21 x 44	44	13	44	12.58	53	30316	3.91	2236.52	1.6	915.2	\$33,467.72
21 x 50	26	1	50	0.65	60.5	1573	3.19	82.94	1.6	41.6	\$1,697.54
21 x 50	32	2	50	1.60	60.5	3872	3.19	204.16	1.6	102.4	\$4,178.56
21 x 50	42	6	50	6.30	60.5	15246	3.19	803.88	1.6	403.2	\$16,453.08
21 x 55	44	1	55	1.21	60.5	2662	3.19	140.36	1.6	70.4	\$2,872.76
21 x 57	26	1	57	0.74	75	1950	3.27	85.02	1.64	42.64	\$2,077.66
21 x 62	42	1	62	1.30	75	3150	3.27	137.34	1.64	68.88	\$3,356.22
21 x 62	44	5	62	6.82	75	16500	3.27	719.4	1.64	360.8	\$17,580.20
21 x 68	42	4	68	5.71	82.5	13860	3.27	549.36	1.64	275.52	\$14,684.88
21 x 73	44	1	73	1.61	82.5	3630	3.27	143.88	1.64	72.16	\$3,846.04
21 x 83	44	4	83	7.30	100	17600	3.39	596.64	1.7	299.2	\$18,495.84
24 x 44	30	1	44	0.66	66.5	1995	3.06	91.8	1.53	45.9	\$2,132.70
24 x 55	21	4	55	2.31	66.5	5586	3.06	257.04	1.53	128.52	\$5,971.56

24 x 55	27	1	55	0.74	66.5	1795.5	3.06	82.62	1.53	41.31	\$1,919.43
24 x 55	28	1	55	0.77	66.5	1862	3.06	85.68	1.53	42.84	\$1,990.52
24 x 55	42	1	55	1.16	66.5	2793	3.06	128.52	1.53	64.26	\$2,985.78
24 x 62	32	1	62	0.99	75	2400	3.06	97.92	1.53	48.96	\$2,546.88
24 x 72	42	1	72	1.51	92	3864	3.06	128.52	1.53	64.26	\$4,056.78
24 x 76	20	1	76	0.76	92	1840	3.06	61.2	1.53	30.6	\$1,931.80
24 x 76	32	2	76	2.43	92	5888	3.06	195.84	1.53	97.92	\$6,181.76
24 x 76	40	1	76	1.52	92	3680	3.06	122.4	1.53	61.2	\$3,863.60
27 x 84	32	3	84	4.03	102	9792	2.85	273.6	1.43	137.28	\$10,202.88
27 x 84	44	1	84	1.85	102	4488	2.85	125.4	1.43	62.92	\$4,676.32

SUBTOTAL \$390,271.53

W-Shaped Beams - Roof - Section B

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
8 x 10	5	8	10	0.20	11.3	452	3.77	150.8	2.58	103.2	\$706.00
8 x 10	10	2	10	0.10	11.3	226	3.77	75.4	2.58	51.6	\$353.00
8 x 10	14	1	10	0.07	11.3	158.2	3.77	52.78	2.58	36.12	\$247.10
8 x 10	20	1	10	0.10	11.3	226	3.77	75.4	2.58	51.6	\$353.00
8 x 18	14	2	18	0.25	11.3	316.4	3.77	105.56	2.58	72.24	\$494.20
10 x 39	18	3	39	1.05	55.5	2997	4.11	221.94	2.81	151.74	\$3,370.68
12 x 14	5	7	14	0.25	15.8	553	2.57	89.95	1.76	61.6	\$704.55
12 x 14	11	4	14	0.31	15.8	695.2	2.57	113.08	1.76	77.44	\$885.72
12 x 14	20	4	14	0.56	15.8	1264	2.57	205.6	1.76	140.8	\$1,610.40
12 x 14	32	1	14	0.22	15.8	505.6	2.57	82.24	1.76	56.32	\$644.16
12 x 16	20	2	16	0.32	15.8	632	2.57	102.8	1.76	70.4	\$805.20
12 x 19	12	1	19	0.11	25	300	2.57	30.84	1.76	21.12	\$351.96
12 x 19	16	2	19	0.30	25	800	2.57	82.24	1.76	56.32	\$938.56
12 x 26	5	60	26	3.90	29.5	8850	2.57	771	1.76	528	\$10,149.00
12 x 26	10	1	26	0.13	29.5	295	2.57	25.7	1.76	17.6	\$338.30
12 x 26	18	2	26	0.47	29.5	1062	2.57	92.52	1.76	63.36	\$1,217.88
12 x 26	20	1	26	0.26	29.5	590	2.57	51.4	1.76	35.2	\$676.60
14 x 22	20	5	22	1.10	26.5	2650	2.66	266	1.78	178	\$3,094.00
14 x 22	22	1	22	0.24	26.5	583	2.66	58.52	1.78	39.16	\$680.68
14 x 22	24	3	22	0.79	26.5	1908	2.66	191.52	1.78	128.16	\$2,227.68
14 x 22	26	9	22	2.57	26.5	6201	2.66	622.44	1.78	416.52	\$7,239.96
14 x 22	28	10	22	3.08	26.5	7420	2.66	744.8	1.78	498.4	\$8,663.20
14 x 26	28	1	26	0.36	29.5	826	2.28	63.84	1.56	43.68	\$933.52
14 x 30	12	4	30	0.72	34	1632	2.51	120.48	1.72	82.56	\$1,835.04
14 x 30	18	2	30	0.54	34	1224	2.51	90.36	1.72	61.92	\$1,376.28
14 x 30	28	1	30	0.42	34	952	2.51	70.28	1.72	48.16	\$1,070.44
14 x 30	42	2	30	1.26	34	2856	2.51	210.84	1.72	144.48	\$3,211.32
16 x 26	14	1	26	0.18	29.5	413	2.26	31.64	1.55	21.7	\$466.34
16 x 26	18	1	26	0.23	29.5	531	2.26	40.68	1.55	27.9	\$599.58
16 x 26	20	6	26	1.56	29.5	3540	2.26	271.2	1.55	186	\$3,997.20
16 x 26	24	1	26	0.31	29.5	708	2.26	54.24	1.55	37.2	\$799.44
16 x 26	28	3	26	1.09	29.5	2478	2.26	189.84	1.55	130.2	\$2,798.04
16 x 26	30	3	26	1.17	29.5	2655	2.26	203.4	1.55	139.5	\$2,997.90
16 x 31	18	1	31	0.28	35	630	2.51	45.18	1.72	30.96	\$706.14
16 x 31	24	4	31	1.49	35	3360	2.51	240.96	1.72	165.12	\$3,766.08
16 x 31	26	3	31	1.21	35	2730	2.51	195.78	1.72	134.16	\$3,059.94
16 x 31	28	1	31	0.43	35	980	2.51	70.28	1.72	48.16	\$1,098.44
16 x 31	30	1	31	0.47	35	1050	2.51	75.3	1.72	51.6	\$1,176.90
16 x 31	32	2	31	0.99	35	2240	2.51	160.64	1.72	110.08	\$2,510.72
16 x 31	38	4	31	2.36	35	5320	2.51	381.52	1.72	261.44	\$5,962.96
16 x 32	32	1	32	0.51	37.5	1200	2.6	83.2	1.75	56	\$1,339.20
16 x 35	30	1	35	0.53	37.5	1125	2.6	78	1.72	51.6	\$1,254.60
16 x 36	32	5	36	2.88	48.5	7760	2.93	468.8	1.96	313.6	\$8,542.40
17 x 11	20	4	11	0.44	42.5	3400	3.53	282.4	1.77	141.6	\$3,824.00
17 x 11	10	8	11	0.44	42.5	3400	3.53	282.4	1.77	141.6	\$3,824.00
18 x 35	18	1	35	0.32	39.5	711	3.4	61.2	1.73	31.14	\$803.34
18 x 35	24	1	35	0.42	39.5	948	3.4	81.6	1.73	41.52	\$1,071.12
18 x 35	30	1	35	0.53	39.5	1185	3.4	102	1.73	51.9	\$1,338.90
18 x 35	34	6	35	3.57	39.5	8058	3.4	693.6	1.73	352.92	\$9,104.52
18 x 35	38	1	35	0.67	39.5	1501	3.4	129.2	1.73	65.74	\$1,695.94
18 x 40	24	1	40	0.48	45	1080	3.4	81.6	1.73	41.52	\$1,203.12
18 x 40	34	1	40	0.68	45	1530	3.4	115.6	1.73	58.82	\$1,704.42
18 x 40	38	1	40	0.76	45	1710	3.4	129.2	1.73	65.74	\$1,904.94

18 x 50	20	1	50	0.50	60.5	1210	3.72	74.4	1.86	37.2	\$1,321.60
18 x 50	24	3	50	1.80	60.5	4356	3.72	267.84	1.86	133.92	\$4,757.76
21 x 14	20	1	14	0.14	53	1060	3.72	74.4	1.86	37.2	\$1,171.60
21 x 44	18	1	44	0.40	53	954	3.91	70.38	1.6	28.8	\$1,053.18
21 x 44	24	1	44	0.53	53	1272	3.91	93.84	1.6	38.4	\$1,404.24
21 x 44	28	1	44	0.62	53	1484	3.91	109.48	1.6	44.8	\$1,638.28
21 x 44	30	1	44	0.66	53	1590	3.91	117.3	1.6	48	\$1,755.30
21 x 44	32	1	44	0.70	53	1696	3.91	125.12	1.6	51.2	\$1,872.32
21 x 44	38	1	44	0.84	53	2014	3.91	148.58	1.6	60.8	\$2,223.38
21 x 48	28	1	48	0.67	60.5	1694	3.19	89.32	1.6	44.8	\$1,828.12
21 x 50	28	1	50	0.70	60.5	1694	3.19	89.32	1.6	44.8	\$1,828.12
21 x 50	30	1	50	0.75	60.5	1815	3.19	95.7	1.6	48	\$1,958.70
21 x 50	32	2	50	1.60	60.5	3872	3.19	204.16	1.6	102.4	\$4,178.56
24 x 55	30	2	55	1.65	66.5	3990	3.06	183.6	1.53	91.8	\$4,265.40
24 x 55	34	1	55	0.94	66.5	2261	3.06	104.04	1.53	52.02	\$2,417.06
24 x 62	32	1	62	0.99	75	2400	3.06	97.92	1.53	48.96	\$2,546.88
24 x 68	30	1	68	1.02	82.5	2475	3.06	91.8	1.53	45.9	\$2,612.70
24 x 68	42	1	68	1.43	82.5	3465	3.06	128.52	1.53	64.26	\$3,657.78
24 x 76	38	1	76	1.44	92	3496	3.06	116.28	1.53	58.14	\$3,670.42

SUBTOTAL \$167,890.01

HSS Beams

Size	Length (ft)	Quantity	lb / ft	Tons	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip. Cost / Unit	Total Equip. Cost	TOTAL COST
4 x 4 x 1/4	16	1	12.18	0.10	182	2912	40.5	648	27	432	\$3,992.00
10 x 4 x 1/4	8	2	22.39	0.18	645	10320	47	752	31.5	504	\$11,576.00
10 x 4 x 1/4	10	4	22.39	0.45	645	25800	47	1880	31.5	1260	\$28,940.00
10 x 4 x 1/4	8	1	22.39	0.09	645	5160	47	376	31.5	252	\$5,788.00
12 x 4 x 1/2	18	1	48.72	0.44	1200	21600	49	882	32.5	585	\$23,067.00
12 x 4 x 1/4	20	1	25.79	0.26	459.94	459.94	49	980	32.5	650	\$2,089.94
12 x 4 x 1/4	10	1	25.79	0.13	240.47	240.47	49	980	32.5	650	\$1,870.47
12 x 4 x 1/4	12	1	25.79	0.15	284.36	284.36	49	980	32.5	650	\$1,914.36
14 x 4 x 1/4	8	1	29.25	0.12	1200	9600	49	392	32.5	260	\$10,252.00
16 x 4 x 3/8	24	1	47.86	0.57	1477	35448	49	1176	32.5	780	\$37,404.00
16 x 4 x 3/8	24	1	47.86	0.57	1477	35448	49	1176	32.5	780	\$37,404.00
16 x 4 x 3/8	18	1	47.86	0.43	1477	26586	49	882	32.5	585	\$28,053.00
18 x 6 x 1/2	24	3	75.94	2.73	1755	126360	51	3672	33.5	2412	\$132,444.00
18 x 6 x 1/2	24	3	75.94	2.73	1755	126360	51	3672	33.5	2412	\$132,444.00
18 x 6 x 1/2	30	1	75.94	1.14	1755	52650	51	1530	33.5	1005	\$55,185.00
18 x 6 x 1/2	30	1	75.94	1.14	1755	52650	51	1530	33.5	1005	\$55,185.00
18 x 6 x 1/2	30	1	75.94	1.14	1755	52650	51	1530	33.5	1005	\$55,185.00
20 x 4 x 1/2	20	1	75.94	0.76	2033	40660	53	1060	34.5	690	\$42,410.00
20 x 4 x 1/2	18	2	75.94	1.37	2033	73188	53	1908	34.5	1242	\$76,338.00
20 x 4 x 3/8	12	1	58.07	0.35	2033	24396	53	636	34.5	414	\$25,446.00
20 x 4 x 3/8	16	1	58.07	0.46	2033	32528	53	848	34.5	552	\$33,928.00
20 x 8 x 1/2	24	1	89.55	1.07	2033	48792	53		34.5	828	\$49,620.00

SUBTOTAL \$850,535.77

GRAND TOTAL \$2,873,492.88