

STRUCTURAL STEEL ESTIMATE FOR SECTOR C  
Beams and Columns

First Floor Beam Schedule												
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	9	15	10	0.675	\$11.30	\$1,525.50	\$3.77	\$508.95	\$2.58	\$348.30	\$2,382.75	
8 x 10	10.5	6	10	0.315	\$11.30	\$711.90	\$3.77	\$237.51	\$2.58	\$162.54	\$1,111.95	
10 x 12	21	1	12	0.126	\$18.15	\$381.15	\$3.91	\$82.11	\$2.61	\$54.81	\$518.07	
10 x 12	10	1	12	0.06	\$18.15	\$181.50	\$3.91	\$39.10	\$2.61	\$26.10	\$246.70	
12 x 16	24	23	16	4.416	\$15.80	\$8,721.60	\$2.57	\$1,418.64	\$1.76	\$971.52	\$11,111.76	
12 x 14	24	4	14	0.672	\$15.80	\$1,516.80	\$2.57	\$246.72	\$1.76	\$168.96	\$1,932.48	
14 x 22	21	7	22	1.617	\$26.50	\$3,895.50	\$2.66	\$391.02	\$1.78	\$261.66	\$4,548.18	
16 x 26	21	7	26	1.911	\$29.50	\$4,336.50	\$2.26	\$332.22	\$1.55	\$227.85	\$4,896.57	
16 x 31	21	1	31	0.3255	\$35.00	\$735.00	\$2.51	\$52.71	\$1.72	\$36.12	\$823.83	
18 x 35	24	8	35	3.36	\$39.50	\$7,584.00	\$3.40	\$652.80	\$1.73	\$332.16	\$8,568.96	
18 x 35	9	4	35	0.63	\$39.50	\$1,422.00	\$3.40	\$122.40	\$1.73	\$62.28	\$1,606.68	
<b>\$37,747.93</b>												
Second Floor Beam Schedule												
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	9	29	10	1.305	\$11.30	\$2,949.30	\$3.77	\$983.97	\$2.58	\$673.38	\$4,606.65	
10 x 12	24	5	12	0.72	\$18.15	\$2,178.00	\$3.91	\$469.20	\$2.61	\$313.20	\$2,960.40	
12 x 16	24	6	16	1.152	\$15.80	\$2,275.20	\$2.57	\$370.08	\$1.76	\$253.44	\$2,898.72	
12 x 14	24	53	14	8.904	\$15.80	\$20,097.60	\$2.57	\$3,269.04	\$1.76	\$2,238.72	\$25,605.36	
14 x 22	21	18	22	4.158	\$26.50	\$10,017.00	\$2.66	\$1,005.48	\$1.78	\$672.84	\$11,695.32	
16 x 26	21	6	26	1.638	\$29.50	\$3,717.00	\$2.26	\$284.76	\$1.55	\$195.30	\$4,197.06	
16 x 31	24	5	31	1.86	\$35.00	\$4,200.00	\$2.51	\$301.20	\$1.72	\$206.40	\$4,707.60	
18 x 35	24	4	35	1.68	\$39.50	\$3,792.00	\$3.40	\$326.40	\$1.73	\$166.08	\$4,284.48	
18 x 35	9	2	35	0.315	\$39.50	\$711.00	\$3.40	\$61.20	\$1.73	\$31.14	\$803.34	
18 x 40	24	2	40	0.96	\$45.00	\$2,160.00	\$3.40	\$163.20	\$1.73	\$83.04	\$2,406.24	
18 x 40	9	1	40	0.18	\$45.00	\$405.00	\$3.40	\$30.60	\$1.73	\$15.57	\$451.17	
21 x 50	24	2	50	1.2	\$60.50	\$2,904.00	\$3.19	\$153.12	\$1.60	\$76.80	\$3,133.92	
21 x 50	9	1	50	0.225	\$60.50	\$544.50	\$3.19	\$28.71	\$1.60	\$14.40	\$587.61	
24 x 62	24	2	62	1.488	\$75.00	\$3,600.00	\$3.06	\$146.88	\$1.53	\$73.44	\$3,820.32	
24 x 68	24	2	68	1.632	\$82.50	\$3,960.00	\$3.06	\$146.88	\$1.53	\$73.44	\$4,180.32	
<b>\$76,338.51</b>												
Third Floor Beam Schedule												
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	9	29	10	1.305	\$11.30	\$2,949.30	\$3.77	\$983.97	\$2.58	\$673.38	\$4,606.65	
10 x 12	24	5	12	0.72	\$18.15	\$2,178.00	\$3.91	\$469.20	\$2.61	\$313.20	\$2,960.40	
12 x 16	24	6	16	1.152	\$15.80	\$2,275.20	\$2.57	\$370.08	\$1.76	\$253.44	\$2,898.72	
12 x 14	24	53	14	8.904	\$15.80	\$20,097.60	\$2.57	\$3,269.04	\$1.76	\$2,238.72	\$25,605.36	
14 x 22	21	18	22	4.158	\$26.50	\$10,017.00	\$2.66	\$1,005.48	\$1.78	\$672.84	\$11,695.32	
16 x 26	21	5	26	1.365	\$29.50	\$3,097.50	\$2.26	\$237.30	\$1.55	\$162.75	\$3,497.55	
16 x 31	24	2	31	0.744	\$35.00	\$1,680.00	\$2.51	\$120.48	\$1.72	\$82.56	\$1,883.04	
16 x 36	21	4	36	1.512	\$48.50	\$4,074.00	\$2.93	\$246.12	\$1.56	\$131.04	\$4,451.16	
18 x 35	24	4	35	1.68	\$39.50	\$3,792.00	\$3.40	\$326.40	\$1.73	\$166.08	\$4,284.48	
18 x 35	9	2	35	0.315	\$39.50	\$711.00	\$3.40	\$61.20	\$1.73	\$31.14	\$803.34	
21 x 50	24	4	50	2.4	\$60.50	\$5,808.00	\$3.19	\$306.24	\$1.60	\$153.60	\$6,267.84	
21 x 50	9	2	50	0.45	\$60.50	\$1,089.00	\$3.19	\$57.42	\$1.60	\$28.80	\$1,175.22	
24 x 62	24	2	62	1.488	\$75.00	\$3,600.00	\$3.06	\$146.88	\$1.53	\$73.44	\$3,820.32	
24 x 68	24	2	68	1.632	\$82.50	\$3,960.00	\$3.06	\$146.88	\$1.53	\$73.44	\$4,180.32	
<b>\$78,129.72</b>												

STRUCTURAL STEEL ESTIMATE FOR SECTOR C  
Beams and Columns

Fourth Floor Beam Schedule												
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	9	29	10	1.305	\$11.30	\$2,949.30	\$3.77	\$983.97	\$2.58	\$673.38	\$4,606.65	
10 x 12	24	5	12	0.72	\$18.15	\$2,178.00	\$3.91	\$469.20	\$2.61	\$313.20	\$2,960.40	
12 x 16	24	6	16	1.152	\$15.80	\$2,275.20	\$2.57	\$370.08	\$1.76	\$253.44	\$2,898.72	
12 x 14	24	53	14	8.904	\$15.80	\$20,097.60	\$2.57	\$3,269.04	\$1.76	\$2,238.72	\$25,605.36	
14 x 22	21	12	22	2.772	\$26.50	\$6,678.00	\$2.66	\$670.32	\$1.78	\$448.56	\$7,796.88	
16 x 26	21	11	26	3.003	\$29.50	\$6,814.50	\$2.26	\$522.06	\$1.55	\$358.05	\$7,694.61	
16 x 31	24	6	31	2.232	\$35.00	\$5,040.00	\$2.51	\$361.44	\$1.72	\$247.68	\$5,649.12	
18 x 35	24	6	35	2.52	\$39.50	\$5,688.00	\$3.40	\$489.60	\$1.73	\$249.12	\$6,426.72	
18 x 35	9	3	35	0.4725	\$39.50	\$1,066.50	\$3.40	\$91.80	\$1.73	\$46.71	\$1,205.01	
21 x 44	24	4	44	2.112	\$53.00	\$5,088.00	\$3.91	\$375.36	\$1.60	\$153.60	\$5,616.96	
24 x 62	24	4	62	2.976	\$75.00	\$7,200.00	\$3.06	\$293.76	\$1.53	\$146.88	\$7,640.64	
<b>\$78,101.07</b>												

Roof Beam Schedule												
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	9	29	10	1.305	\$11.30	\$2,949.30	\$3.77	\$983.97	\$2.58	\$673.38	\$4,606.65	
10 x 12	24	5	12	0.72	\$18.15	\$2,178.00	\$3.91	\$469.20	\$2.61	\$313.20	\$2,960.40	
12 x 16	24	6	16	1.152	\$15.80	\$2,275.20	\$2.57	\$370.08	\$1.76	\$253.44	\$2,898.72	
12 x 14	24	53	14	8.904	\$15.80	\$20,097.60	\$2.57	\$3,269.04	\$1.76	\$2,238.72	\$25,605.36	
14 x 22	21	18	22	4.158	\$26.50	\$10,017.00	\$2.66	\$1,005.48	\$1.78	\$672.84	\$11,695.32	
14 x 26	21	4	26	1.092	\$29.50	\$2,478.00	\$2.28	\$191.52	\$1.56	\$131.04	\$2,800.56	
16 x 26	21	5	26	1.365	\$29.50	\$3,097.50	\$2.26	\$237.30	\$1.55	\$162.75	\$3,497.55	
16 x 31	24	10	31	3.72	\$35.00	\$8,400.00	\$2.51	\$602.40	\$1.72	\$412.80	\$9,415.20	
16 x 31	9	4	31	0.558	\$35.00	\$1,260.00	\$2.51	\$90.36	\$1.72	\$61.92	\$1,412.28	
21 x 44	24	2	44	1.056	\$53.00	\$2,544.00	\$3.91	\$187.68	\$1.60	\$76.80	\$2,808.48	
21 x 50	24	2	50	1.2	\$60.50	\$2,904.00	\$3.19	\$153.12	\$1.60	\$76.80	\$3,133.92	
<b>\$70,834.44</b>												

**\$341,151.67**

Column Schedule												
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	
10 x 33	58	1	33	0.96								
10 x 33	58	3	33	2.87								
12 x 40	58	5	40	5.80	60.5	\$17,545.00	2.27	\$658.30	1.52	\$440.80	\$18,644.10	
12 x 40	58	14	40	16.24	60.5	\$49,126.00	2.27	\$1,843.24	1.52	\$1,234.24	\$52,203.48	
12 x 45	58	1	45	1.31	60.5	\$3,509.00	2.27	\$131.66	1.52	\$88.16	\$3,728.82	
12 x 45	58	1	45	1.31	60.5	\$3,509.00	2.27	\$131.66	1.52	\$88.16	\$3,728.82	
12 x 50	58	2	50	2.90	60.5	\$7,018.00	2.27	\$263.32	1.52	\$176.32	\$7,457.64	
12 x 50	58	2	50	2.90	60.5	\$7,018.00	2.27	\$263.32	1.52	\$176.32	\$7,457.64	
12 x 53	58	5	53	7.69	60.5	\$17,545.00	2.27	\$658.30	1.52	\$440.80	\$18,644.10	
12 x 53	58	7	53	10.76	60.5	\$24,563.00	2.27	\$921.62	1.52	\$617.12	\$26,101.74	
12 x 58	58	6	58	10.09	60.5	\$21,054.00	2.27	\$789.96	1.52	\$528.96	\$22,372.92	
12 x 58	58	6	58	10.09	60.5	\$21,054.00	2.27	\$789.96	1.52	\$528.96	\$22,372.92	
12 x 65	58	3	65	5.66	60.5	\$10,527.00	2.27	\$394.98	1.52	\$264.48	\$11,186.46	
12 x 65	58	3	65	5.66	60.5	\$10,527.00	2.27	\$394.98	1.52	\$264.48	\$11,186.46	
12 x 67	58	1	67	1.94		\$0.00		\$0.00		\$0.00	\$0.00	
12 x 79	58	2	79	4.58	98	\$11,368.00	2.3	\$266.80	1.57	\$182.12	\$11,816.92	
12 x 96	58	1	96	2.78	98	\$5,684.00	2.3	\$133.40	1.57	\$91.06	\$5,908.46	
12 x 96	58	1	96	2.78	98	\$5,684.00	2.3	\$133.40	1.57	\$91.06	\$5,908.46	
12 x 106	58	3	106	9.22	135	\$23,490.00	2.35	\$408.90	1.61	\$280.14	\$24,179.04	
<b>\$252,897.98</b>												