

**STRUCTURAL CONCRETE ESTIMATE**

**COLUMNS**

**Columns**

Column No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
CC1	24 x 24	16	10	23.70	400	9481.48	415	9837.04	41	971.85	\$20,290.37
CC2	24 x 44	16	3	13.04	400	5214.81	415	5410.37	41	534.52	\$11,159.70
CC3	20 x 20	58	12	71.60	423	30288.89	670	47975.31	52	3723.46	\$81,987.65
CC4	20 x 20	58	2	11.93	423	5048.15	670	7995.88	52	620.58	\$13,664.61
CC5	20 x 20	74	14	106.58	423	45085.19	670	71411.52	52	5542.39	\$122,039.09
CC6	20 x 20	74	5	38.07	423	16101.85	670	25504.12	52	1979.42	\$43,585.39
CC7	20 x 20	16	1	1.65	423	696.30	670	1102.88	52	85.60	\$1,884.77
CC8	20 x 20	74	3	22.84	423	9661.11	670	15302.47	52	1187.65	\$26,151.23
CC9	20 x 20	58	1	5.97	423	2524.07	670	3997.94	52	310.29	\$6,832.30
CC10	20 x 28	74	2	21.32	423	9017.04	670	14282.30	52	1108.48	\$24,407.82
CC11	20 x 20	58	4	23.87	423	10096.30	670	15991.77	52	1241.15	\$27,329.22
CC12	16 x 16	58	1	3.82	445	1699.42	585	2234.07	58	221.50	\$4,155.00
CC13	32 x 32	16	7	29.50	350	10324.28	315	9291.85	31.5	929.19	\$20,545.32
CC14	16 x 20	54	1	0.75	266	199.50	455	341.25	45	33.75	\$574.50

**SUBTOTAL \$404,606.99**

**SHEAR WALLS**

**Shear Walls**

Wall No.	Area (w x d) [ft]	Height (ft)	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
1	24 x 0.66	58	34.03	166	5648.98	127	4321.81	13.63	463.8289	\$10,434.62
2	14 x 0.66	58	19.8	166	3286.8	127	2514.6	13.63	269.874	\$6,071.27
3	24 x 0.66	58	34.03	166	5648.98	127	4321.81	13.63	463.8289	\$10,434.62
4	24 x 0.66	58	34.03	166	5648.98	127	4321.81	13.63	463.8289	\$10,434.62
5	10 x 0.66	58	14.2	166	2357.2	127	1803.4	13.63	193.546	\$4,354.15
6	21 x 0.66	58	29.77	166	4941.82	127	3780.79	13.63	405.7651	\$9,128.38
7	21 x 0.66	58	29.77	166	4941.82	127	3780.79	13.63	405.7651	\$9,128.38
8	21 x 0.66	58	29.77	166	4941.82	127	3780.79	13.63	405.7651	\$9,128.38
9	8 x 0.66	58	11.34	166	1882.44	127	1440.18	13.63	154.5642	\$3,477.18

**SUBTOTAL \$72,591.59**

**Slabs on Deck**

**Slabs on Deck**

	Thickness (ft)	SF	Volume (CY)	Material Cost / SF	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
Levels 1 -4	0.458	227,201	741.7	1.35	306721.35	0.64	145408.64	0.01	2272.01	\$454,402.00

**SUBTOTAL \$454,402.00**

**BEAMS**

**Concrete Beams - First Floor**

Beam No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
1B1	28 x 25	21	2	7.56	325	2457	400	3024	39.5	298.62	\$5,779.62
1B2	28 x 25	21	2	7.56	325	2457	400	3024	39.5	298.62	\$5,779.62
1B3	28 x 25	21	1	3.78	325	1228.5	400	1512	39.5	149.31	\$2,889.81
1B4	28 x 25	21	1	3.78	325	1228.5	400	1512	39.5	149.31	\$2,889.81
1B5	28 x 25	10.5	1	1.89	310	585.9	470	888.3	46.5	87.885	\$1,562.09
1B6	28 x 25	21	1	3.78	325	1228.5	400	1512	46.5	175.77	\$2,916.27
1B7	28 x 25	10.5	1	1.89	310	585.9	470	888.3	39.5	74.655	\$1,548.86
1B8	24 x 25	12.5	1	2.25	310	697.5	470	1057.5	46.5	104.625	\$1,859.63

**SUBTOTAL \$25,225.70**

**Concrete Beams - Second Floor**

Beam No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
2B1	24 x 25	21	1	3.24	325	1053	400	1296	39.5	127.98	\$2,476.98
2B2	24 x 25	21	1	3.24	325	1053	400	1296	39.5	127.98	\$2,476.98
2B3	24 x 25	21	1	3.24	325	1053	400	1296	39.5	127.98	\$2,476.98

2B4	24 x 25	21	1	3.24	325	1053	400	1296	39.5	127.98	\$2,476.98
2B5	24 x 25	21	1	3.24	325	1053	400	1296	39.5	127.98	\$2,476.98
2B6	24 x 25	21	1	3.24	325	1053	400	1296	39.5	127.98	\$2,476.98
2B7	24 x 25	10.5	1	1.62	310	502.2	470	761.4	46.5	75.33	\$1,338.93
2B8	28 x 25	26	1	4.68	325	1521	400	1872	39.5	184.86	\$3,577.86
2B9	28 x 25	10.5	1	1.89	310	585.9	470	888.3	46.5	87.885	\$1,562.09
2B10	28 x 25	21	1	3.78	325	1228.5	400	1512	39.5	149.31	\$2,889.81
2B11	28 x 25	21	2	7.56	325	2457	400	3024	39.5	298.62	\$5,779.62
2B12	28 x 25	21	1	3.78	325	1228.5	400	1512	39.5	149.31	\$2,889.81
2B13	28 x 25	21	4	15.12	325	4914	400	6048	39.5	597.24	\$11,559.24
2B14	28 x 25	10.5	1	1.89	310	585.9	470	888.3	46.5	87.885	\$1,562.09
2B15	28 x 25	21	1	3.78	325	1228.5	400	1512	39.5	149.31	\$2,889.81
2B16	28 x 25	21	2	7.56	325	2457	400	3024	39.5	298.62	\$5,779.62
2B17	28 x 25	21	1	3.78	325	1228.5	400	1512	39.5	149.31	\$2,889.81
2B18	28 x 25	10.5	1	1.89	310	585.9	470	888.3	46.5	87.885	\$1,562.09
2B19	24 x 25	8	1	1.23	310	381.3	470	578.1	46.5	57.195	\$1,016.60
2B20	12 x 25	16	1	1.23	310	381.3	470	578.1	46.5	57.195	\$1,016.60
2B21	12 x 25	10	1	0.77	310	238.7	470	361.9	46.5	35.805	\$636.41
2B22	11.75 x 25	24	1	1.81	325	588.25	400	724	39.5	71.495	\$1,383.75
2B23	11.5 x 25	24	2	3.54	325	1150.5	400	1416	39.5	139.83	\$2,706.33
2B24	11.5 x 25	9	1	0.66	310	204.6	470	310.2	46.5	30.69	\$545.49
2B25	23.5 x 25	10	1	1.51	310	468.1	470	709.7	46.5	70.215	\$1,248.02

**SUBTOTAL \$67,695.82**

**Concrete Beams - Third Floor**

Beam No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
3B1	24 X 25	13	1	2.01	310	621.91	470	942.90	46.5	93.29	\$1,658.10
3B2	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B3	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B4	24 X 25	21	5	16.20	325	5266.20	400	6481.48	39.5	640.05	\$12,387.73
3B5	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B6	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B7	24 X 25	10.5	2	3.24	310	1004.63	470	1523.15	46.5	150.69	\$2,678.47
3B8	28 X 25	26	1	4.68	325	1521.35	400	1872.43	39.5	184.90	\$3,578.68
3B9	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
3B10	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
3B11	28 X 25	21	2	7.56	325	2457.56	400	3024.69	39.5	298.69	\$5,780.94
3B12	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
3B13	28 X 25	21	4	15.12	325	4915.12	400	6049.38	39.5	597.38	\$11,561.88
3B14	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
3B15	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
3B16	28 X 25	21	2	7.56	325	2457.56	400	3024.69	39.5	298.69	\$5,780.94
3B17	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
3B18	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
3B19	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B20	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B21	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B22	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B23	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B24	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
3B25	24 X 25	8	1	1.23	310	382.72	470	580.25	46.5	57.41	\$1,020.37
3B26	12 X 25	16	1	1.23	310	382.72	470	580.25	46.5	57.41	\$1,020.37
3B27	12 X 25	10	1	0.77	310	239.20	470	362.65	46.5	35.88	\$637.73
3B28	11.75 X 25	24	1	1.81	325	589.31	400	725.31	39.5	71.62	\$1,386.25
3B29	11.5 X 25	24	2	3.55	325	1153.55	400	1419.75	39.5	140.20	\$2,713.50
3B30	11.5 X 25	9	1	0.67	310	206.31	470	312.79	46.5	30.95	\$550.04
3B31	23.5 X 25	10	1	1.51	310	468.43	470	710.20	46.5	70.26	\$1,248.89

**SUBTOTAL \$93,028.58**

**Concrete Beams - Fourth Floor**

Beam No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
4B1	24 X 25	13	1	2.01	310	621.91	470	942.90	46.5	93.29	\$1,658.10
4B2	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55

4B3	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B4	24 X 25	21	5	16.20	325	5266.20	400	6481.48	39.5	640.05	\$12,387.73
4B5	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B6	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B7	24 X 25	10.5	2	3.24	310	1004.63	470	1523.15	46.5	150.69	\$2,678.47
4B8	28 X 25	26	1	4.68	325	1521.35	400	1872.43	39.5	184.90	\$3,578.68
4B9	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
4B10	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
4B11	28 X 25	21	2	7.56	325	2457.56	400	3024.69	39.5	298.69	\$5,780.94
4B12	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
4B13	28 X 25	21	4	15.12	325	4915.12	400	6049.38	39.5	597.38	\$11,561.88
4B14	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
4B15	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
4B16	28 X 25	21	2	7.56	325	2457.56	400	3024.69	39.5	298.69	\$5,780.94
4B17	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
4B18	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
4B19	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B20	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B21	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B22	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B23	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B24	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
4B25	24 X 25	8	1	1.23	310	382.72	470	580.25	46.5	57.41	\$1,020.37
4B26	12 X 25	16	1	1.23	310	382.72	470	580.25	46.5	57.41	\$1,020.37
4B27	12 X 25	10	1	0.77	310	239.20	470	362.65	46.5	35.88	\$637.73
4B28	11.75 X 25	24	1	1.81	325	589.31	400	725.31	39.5	71.62	\$1,386.25
4B29	11.5 X 25	24	2	3.55	325	1153.55	400	1419.75	39.5	140.20	\$2,713.50
4B30	11.5 X 25	9	1	0.67	310	206.31	470	312.79	46.5	30.95	\$550.04
4B31	23.5 X 25	10	1	1.51	310	468.43	470	710.20	46.5	70.26	\$1,248.89

**SUBTOTAL \$93,028.58**

**Concrete Beams - Roof**

Beam No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
RB1	24 X 25	13	1	2.01	310	621.91	470	942.90	46.5	93.29	\$1,658.10
RB2	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB3	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB4	24 X 25	21	5	16.20	325	5266.20	400	6481.48	39.5	640.05	\$12,387.73
RB5	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB6	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB7	24 X 25	10.5	2	3.24	310	1004.63	470	1523.15	46.5	150.69	\$2,678.47
RB8	28 X 25	26	1	4.68	325	1521.35	400	1872.43	39.5	184.90	\$3,578.68
RB9	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
RB10	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
RB11	28 X 25	21	2	7.56	325	2457.56	400	3024.69	39.5	298.69	\$5,780.94
RB12	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
RB13	28 X 25	21	4	15.12	325	4915.12	400	6049.38	39.5	597.38	\$11,561.88
RB14	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
RB15	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
RB16	28 X 25	21	2	7.56	325	2457.56	400	3024.69	39.5	298.69	\$5,780.94
RB17	28 X 25	21	1	3.78	325	1228.78	400	1512.35	39.5	149.34	\$2,890.47
RB18	28 X 25	10.5	1	1.89	310	586.03	470	888.50	46.5	87.91	\$1,562.44
RB19	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB20	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB21	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB22	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB23	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB24	24 X 25	21	1	3.24	325	1053.24	400	1296.30	39.5	128.01	\$2,477.55
RB25	24 X 25	8	1	1.23	325	401.23	400	493.83	39.5	48.77	\$943.83
RB26	12 X 25	16	1	1.23	310	382.72	470	580.25	46.5	57.41	\$1,020.37
RB27	12 X 25	10	1	0.77	310	239.20	470	362.65	46.5	35.88	\$637.73
RB28	11.75 X 25	24	1	1.81	325	589.31	400	725.31	39.5	71.62	\$1,386.25
RB29	11.5 X 25	24	2	3.55	325	1153.55	400	1419.75	39.5	140.20	\$2,713.50

RB30	11.5 X 25	9	1	0.67	310	206.31	470	312.79	46.5	30.95	\$550.04
RB31	23.5 X 25	10	1	1.51	310	468.43	470	710.20	46.5	70.26	\$1,248.89
<b>SUBTOTAL</b>											<b>\$92,952.03</b>

**JOISTS**

**Concrete Joists - First Floor**

Joist No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
1J1	10 X 25	27	26	45.14	390	17604.17	246	11104.17	23.5	1060.76	\$29,769.10
1J2	10 X 25	9	11	6.37	425	2705.44	280	1782.41	26.5	168.69	\$4,656.54
1J3	12.5 X 25	24	2	3.86	390	1504.63	246	949.07	23.5	90.66	\$2,544.37
1J4	12.5 X 25	9	1	0.72	425	307.44	280	202.55	26.5	19.17	\$529.15
1J5	10 X 25	9	4	2.31	425	983.80	280	648.15	26.5	61.34	\$1,693.29
1J6	10 X 25	9	1	0.58	425	245.95	280	162.04	26.5	15.34	\$423.32
1J7	16.5 X 25	24	2	5.09	390	1986.11	246	1252.78	23.5	119.68	\$3,358.56
1J8	16.5 X 25	9	1	0.95	425	405.82	280	267.36	26.5	25.30	\$698.48
1J9	6.5 X 25	24	1	1.00	390	391.20	246	246.76	23.5	23.57	\$661.54
1J10	10 X .25	12	1	0.77	425	327.93	280	216.05	26.5	20.45	\$564.43
1J11	10 X 25	24	1	1.54	390	601.85	246	379.63	23.5	36.27	\$1,017.75
<b>SUBTOTAL</b>											<b>\$45,916.52</b>

**Concrete Joists - Second Floor**

Joist No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
2J1	10 x 25	24	6	9.26	390	3611.11	246	2277.78	23.5	217.59	\$6,106.48
2J2	10 x 25	24	12	18.52	390	7222.22	246	4555.56	23.5	435.19	\$12,212.96
2J3	10 x 25	24	28	43.21	390	16851.85	246	10629.63	23.5	1015.43	\$28,496.91
2J4	10 x 25	9	16	9.26	425	3935.19	280	2592.59	26.5	245.37	\$6,773.15
2J5	10 x 25	24	4	6.17	390	2407.41	246	1518.52	23.5	145.06	\$4,070.99
2J6	10 x 25	9	4	2.31	425	983.80	280	648.15	26.5	61.34	\$1,693.29
2J7	7 x 25	24	1	1.08	390	421.30	246	265.74	23.5	25.39	\$712.42
2J8	7 x 25	9	1	0.41	425	172.16	280	113.43	26.5	10.73	\$296.33
2J9	7 x 25	24	1	1.08	390	421.30	246	265.74	23.5	25.39	\$712.42
2J10	18.5 x 25	24	1	2.85	390	1113.43	246	702.31	23.5	67.09	\$1,882.83
2J11	10.5 x 25	24	1	16.20	390	6319.44	246	3986.11	23.5	380.79	\$10,686.34
2J12	7.125 x 25	12	3	0.31	425	131.43	280	86.59	26.5	8.19	\$226.21
2J13	10 x 25	24	20	30.86	390	12037.04	246	7592.59	23.5	725.31	\$20,354.94
2J14	10 x 25	9	2	1.16	425	491.90	280	324.07	26.5	30.67	\$846.64
2J15	10 x 25	9	2	1.16	425	491.90	280	324.07	26.5	30.67	\$846.64
2J16	7.125 x 25	5	2	0.46	425	194.71	280	128.28	26.5	12.14	\$335.13
2J17	16 x 25	24	2	4.94	390	1925.93	246	1214.81	23.5	116.05	\$3,256.79
2J18	10 x 25	24	2	4.94	390	1925.93	246	1214.81	23.5	116.05	\$3,256.79
2J19	10 x 25	24	1	2.47	390	962.96	246	607.41	23.5	58.02	\$1,628.40
<b>SUBTOTAL</b>											<b>\$104,395.67</b>

**Concrete Joists - Third Floor**

Joist No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
3J1	10 x 25	24	6	9.26	390	3611.11	246	2277.78	23.5	217.59	\$6,106.48
3J2	10 x 25	24	12	18.52	390	7222.22	246	4555.56	23.5	435.19	\$12,212.96
3J3	10 x 25	24	29	44.75	390	17453.70	246	11009.26	23.5	1051.70	\$29,514.66
3J4	10 x 25	9	15	8.68	425	3689.24	280	2430.56	26.5	230.03	\$6,349.83
3J5	10 x 25	24	4	6.17	390	2407.41	246	1518.52	23.5	145.06	\$4,070.99
3J6	10 x 25	9	4	2.31	425	983.80	280	648.15	26.5	61.34	\$1,693.29
3J7	7 x 25	24	2	2.16	390	842.59	246	531.48	23.5	50.77	\$1,424.85
3J8	7 x 25	9	1	0.41	425	172.16	280	113.43	26.5	10.73	\$296.33
3J9	7 x 25	24	1	1.08	390	421.30	246	265.74	23.5	25.39	\$712.42
3J10	18.5 x 25	24	1	2.85	390	1113.43	246	702.31	23.5	67.09	\$1,882.83
3J11	10.5 x 25	12	1	0.81	425	344.33	280	226.85	26.5	21.47	\$592.65
3J12	7.5 x 25	12	3	1.74	425	737.85	280	486.11	26.5	46.01	\$1,269.97
3J13	10 x 25	24	11	16.98	390	6620.37	246	4175.93	23.5	398.92	\$11,195.22
3J14	10 x 25	9	2	1.16	425	491.90	280	324.07	26.5	30.67	\$846.64
3J15	10 x 25	9	2	1.16	425	491.90	280	324.07	26.5	30.67	\$846.64
3J16	7.5 x 25	10	2	0.96	425	409.92	280	270.06	26.5	25.56	\$705.54
3J17	16 x 25	24	1	2.47	390	962.96	246	607.41	23.5	58.02	\$1,628.40

3J18	10 x 25	24	2	3.09	390	1203.70	246	759.26	23.5	72.53	\$2,035.49
3J19	10 x 25	24	1	1.54	390	601.85	246	379.63	23.5	36.27	\$1,017.75
3J20	13 x 25	24	6	12.04	390	4694.44	246	2961.11	23.5	282.87	\$7,938.43
3J21	13 x 25	24	1	2.01	390	782.41	246	493.52	23.5	47.15	\$1,323.07

**SUBTOTAL \$93,664.42**

**Concrete Joists - Fourth Floor**

Joist No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
4J1	10 x 25	24	6	9.26	390	3611.11	246	2277.78	23.5	217.59	\$6,106.48
4J2	10 x 25	24	12	18.52	390	7222.22	246	4555.56	23.5	435.19	\$12,212.96
4J3	10 x 25	24	29	44.75	390	17453.70	246	11009.26	23.5	1051.70	\$29,514.66
4J4	10 x 25	9	15	8.68	425	3689.24	280	2430.56	26.5	230.03	\$6,349.83
4J5	10 x 25	24	4	6.17	390	2407.41	246	1518.52	23.5	145.06	\$4,070.99
4J6	10 x 25	9	4	2.31	425	983.80	280	648.15	26.5	61.34	\$1,693.29
4J7	7 x 25	24	2	2.16	390	842.59	246	531.48	23.5	50.77	\$1,424.85
4J8	7 x 25	9	1	0.41	425	172.16	280	113.43	26.5	10.73	\$296.33
4J9	7 x 25	24	1	1.08	390	421.30	246	265.74	23.5	25.39	\$712.42
4J10	18.5 x 25	24	1	2.85	390	1113.43	246	702.31	23.5	67.09	\$1,882.83
4J11	10.5 x 25	24	1	1.62	390	631.94	246	398.61	23.5	38.08	\$1,068.63
4J12	7.125 x 25	12	3	1.65	425	700.95	280	461.81	26.5	43.71	\$1,206.47
4J13	10 x 25	24	11	16.98	390	6620.37	246	4175.93	23.5	398.92	\$11,195.22
4J14	10 x 25	9	2	1.16	425	491.90	280	324.07	26.5	30.67	\$846.64
4J15	10 x 25	9	2	1.16	425	491.90	280	324.07	26.5	30.67	\$846.64
4J16	7.125 x 25	8	2	0.73	425	311.54	280	205.25	26.5	19.43	\$536.21
4J17	16 x 25	24	1	2.47	390	962.96	246	607.41	23.5	58.02	\$1,628.40
4J18	10 x 25	24	1	1.54	390	601.85	246	379.63	23.5	36.27	\$1,017.75

**SUBTOTAL \$82,610.59**

**Concrete Joists - Roof**

Joist No.	Area (w x d) [in]	Length (ft)	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
RJ1	10 x 25	24	6	9.26	390	3611.11	246	2277.78	23.5	217.59	\$6,106.48
RJ2	10 x 25	24	12	18.52	390	7222.22	246	4555.56	23.5	435.19	\$12,212.96
RJ3	10 x 25	24	29	44.75	390	17453.70	246	11009.26	23.5	1051.70	\$29,514.66
RJ4	10 x 25	9	15	8.68	425	3689.24	280	2430.56	26.5	230.03	\$6,349.83
RJ5	10 x 25	24	4	6.17	390	2407.41	246	1518.52	23.5	145.06	\$4,070.99
RJ6	10 x 19	9	4	1.76	425	747.69	280	492.59	26.5	46.62	\$1,286.90
RJ7	7 x 25	24	2	2.16	390	842.59	246	531.48	23.5	50.77	\$1,424.85
RJ8	7 x 25	9	1	0.41	425	172.16	280	113.43	26.5	10.73	\$296.33
RJ9	7 x 25	24	1	1.08	390	421.30	246	265.74	23.5	25.39	\$712.42
RJ10	18.5 x 25	24	1	2.85	390	1113.43	246	702.31	23.5	67.09	\$1,882.83
RJ11	10 x 25	24	1	1.54	390	601.85	246	379.63	23.5	36.27	\$1,017.75
RJ12	7.5 x 25	12	3	1.74	425	737.85	280	486.11	26.5	46.01	\$1,269.97
RJ13	10 x 19	24	11	12.90	390	5031.48	246	3173.70	23.5	303.18	\$8,508.36
RJ14	10 x 25	9	2	1.16	425	491.90	280	324.07	26.5	30.67	\$846.64
RJ15	10 x 19	9	2	0.88	425	373.84	280	246.30	26.5	23.31	\$643.45
RJ16	7.5 x 25	8	2	0.19	425	79.25	280	52.21	26.5	4.94	\$136.40
RJ17	16 x 25	24	1	2.47	390	962.96	246	607.41	23.5	58.02	\$1,628.40
RJ18	10 x 25	24	1	1.54	390	601.85	246	379.63	23.5	36.27	\$1,017.75
RJ19	10 x 25	24	1	1.54	390	601.85	246	379.63	23.5	36.27	\$1,017.75

**SUBTOTAL \$79,944.70**

**FOUNDATIONS**

**Column Footings**

Footing No.	Dimension	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
F 3.0	3'-0" x 3'-0" x 1'-1"	3	1.08	104	112.67	30.5	33.04	11.5	12.46	\$158.17
F 3.5	3'-6" x 3'-6" x 1'-1"	1	0.49	104	51.11	30.5	14.99	11.5	5.65	\$71.76
F 4.0	4'-0" x 4'-0" x 1'-1"	1	0.64	104	66.75	30.5	19.58	11.5	7.38	\$93.71
F 5.0	5'-0" x 5'-0" x 1'-1"	1	1.00	104	104.31	30.5	30.59	11.5	11.53	\$146.43
F 5.5	5'-6" x 5'-6" x 1'-1"	1	1.21	104	126.23	30.5	37.02	11.5	13.96	\$177.20
F 6.0	6'-0" x 6'-0" x 1'-2"	3	4.67	104	485.33	13.25	61.83	5	23.33	\$570.50
F 6.5	6'-6" x 6'-6" x 1'-4"	12	25.04	104	2603.70	13.25	331.72	5	125.18	\$3,060.60
F 7.0	7'-0" x 7'-0" x 1'-5"	4	10.28	104	1069.58	13.25	136.27	5	51.42	\$1,257.27

F 7.5	7'-6" x 7'-6" x 1'-6"	2	6.25	104	650.04	13.25	82.82	5	31.25	\$764.11
F 8.0	8'-0" x 8'-0" x 1'-7"	8	30.02	104	3122.47	13.25	397.81	5	150.12	\$3,670.40
F 8.5	8'-6" x 8'-6" x 1'-8"	16	71.36	104	7421.44	13.25	945.52	5	356.80	\$8,723.76
F 9.0	9'-0" x 9'-0" x 1'-9"	5	26.25	104	2730.00	13.25	347.81	5	131.25	\$3,209.06
F 9.5	9'-6" x 9'-6" x 1'-10"	15	91.95	104	9562.80	13.25	1218.34	5	459.75	\$11,240.89
F 10.0	10'-0" x 10'-0" x 2'-0"	11	81.51	104	8477.04	13.25	1080.01	5	407.55	\$9,964.60
F 10.5	10'-6" x 10'-6" x 2'-1"	15	127.65	104	13275.60	13.25	1691.36	5	638.25	\$15,605.21
F 11.0	11'-0" x 11'-0" x 2'-2"	10	97.1	104	10098.40	13.25	1286.58	5	485.50	\$11,870.48
F 11.5	11'-6" x 11'-6" x 2'-3"	9	99.18	104	10314.72	13.25	1314.14	5	495.90	\$12,124.76
F 12.0	12'-0" x 12'-0" x 2'-4"	12	149.28	104	15525.12	13.25	1977.96	5	746.40	\$18,249.48
F 12.5	12'-6" x 12'-6" x 2'-5"	1	13.99	104	1454.96	13.25	185.37	5	69.95	\$1,710.28
F 13.0	13'-0" x 13'-0" x 2'-5"	1	15.13	104	1573.52	13.25	200.47	5	75.65	\$1,849.64
F 13.5	13'-6" x 13'-6" x 2'-6"	1	16.88	104	1755.52	13.25	223.66	5	84.40	\$2,063.58
F 14.0	14'-0" x 14'-0" x 2'-7"	3	56.25	104	5850.00	13.25	745.31	5	281.25	\$6,876.56
F 14.5	14'-6" x 14'-6" x 2'-9"	1	21.41	104	2226.64	13.25	283.68	5	107.05	\$2,617.37
F 15.0	15'-0" x 15'-0" x 3'-0"	6	150	104	15600.00	13.25	1987.50	5	750.00	\$18,337.50
F 15.5	15'-6" x 15'-6" x 3'-0"	1	26.7	104	2776.80	13.25	353.78	5	133.50	\$3,264.08
F 18 X 10	18'-0" x 10'-0" x 2'-0"	1	13.33	104	1386.32	13.25	176.62	5	66.65	\$1,629.59
F 23 X 10	23'-0" x 10'-0" x 2'-0"	2	34.06	104	3542.24	13.25	451.30	5	170.30	\$4,163.84
F 23 X 13	23'-0" x 13'-0" x 2'-5"	1	26.76	104	2783.04	13.25	354.57	5	133.80	\$3,271.41
F 24 X 14	24'-0" x 14'-0" x 2'-7"	1	32.15	104	3343.60	13.25	425.99	5	160.75	\$3,930.34
F 26 X 14	26'-0" x 14'-0" x 2'-7"	4	139.32	104	14489.28	13.25	1845.99	5	696.60	\$17,031.87
F 31 X 13	31'-0" x 13'-0" x 2'-5"	1	36.1	104	3754.40	13.25	478.33	5	180.50	\$4,413.23
F 33 X 13	33'-0" x 13'-0" x 2'-5"	1	38.4	104	3993.60	13.25	508.80	5	192.00	\$4,694.40
F 36 X 13	36'-0" x 13'-0" x 2'-5"	1	41.88	104	4355.52	13.25	554.91	5	209.40	\$5,119.83

**SUBTOTAL \$181,931.88**

**Grade Beams**

Dimension	Quantity	Volume (CY)	Material Cost / Unit	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
24' x 3' x 1.5'	4	16	104	1664	13.25	212	5	80	\$1,956.00
16' x 4' x 1.5'	2	7.11	104	739.44	13.25	94.2075	5	35.55	\$869.20

**SUBTOTAL \$2,825.20**

**Slab on Grade**

Thickness (ft)	SF	Volume (CY)	Material Cost / SF	Total Material Cost	Labor Cost / Unit	Total Labor Cost	Equip Cost / Unit	Total Equip Cost	TOTAL COST
0.333	16,516	741.7	1.35	22296.6	0.64	10570.24	0.01	165.16	\$33,032.00

**SUBTOTAL \$33,032.00**

**GRAND TOTAL \$1,927,852.25**