

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
<b>GENERAL REQUIREMENTS</b>								
1		Supervision	1	LS	\$0	\$0	\$0	
2		Permits	1	LS	\$0	\$0	\$0	
3		Final Clean-up	1	LS	\$0	\$0	\$0	
4		Mobilization Costs	1	LS	\$0	\$0	\$0	
5		Project Overheads	1	LS	\$0	\$0	\$0	
6		Bonds	1	LS	\$0	\$0	\$0	
7		Temporary Control & Facilities	1	LS	\$0	\$0	\$0	
8		Excavation	571	CY	\$0	\$35	\$19,985	
<b>Subtotal (General Requirements)</b>								<b>\$19,985</b>

<b>DIVISION 03- CONCRETE</b>								
<b>Concrete Columns</b>								
<b>First Floor</b>								
9		(16x16) Concrete Column "C4" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
10		(24") Dia. Concrete Column "C6" As; Reinf. W/ 8#8 & #3 Ties @ 12" O.C. Type B	1.98	CY	\$400	\$250	\$1,287	
11		(16x16) Concrete Column "C7" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.98	CY	\$400	\$250	\$637	
12		(16x16) Concrete Column "C8" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
13		(16x16) Concrete Column "C9" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
14		(24") Dia. Concrete Column "C10" As; Reinf. W/ 8#8 & #3 Ties @ 12" O.C. Type B	1.98	CY	\$400	\$250	\$1,287	
15		(8x32) Concrete Column "C11" As; Reinf. W/ 8#8 & #3 Ties @ 6" O.C. Type B	1.09	CY	\$400	\$250	\$709	
16		(16x16) Concrete Column "C12" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	1.09	CY	\$400	\$250	\$709	
17		(16x16) Concrete Column "C14" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	1.13	CY	\$400	\$250	\$735	
18		(16x16) Concrete Column "C15" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	2.08	CY	\$400	\$250	\$1,352	
19		(16x16) Concrete Column "C16" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
20		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	1.09	CY	\$400	\$250	\$709	
21		(16x16) Concrete Column "C18" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	1.13	CY	\$400	\$250	\$735	
22		(16x16) Concrete Column "C19" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	3.66	CY	\$400	\$250	\$2,379	
23		(16x16) Concrete Column "C20" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	2.08	CY	\$400	\$250	\$1,352	
24		(16x16) Concrete Column "C24" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	1.13	CY	\$400	\$250	\$735	
25		(16x16) Concrete Column "C29" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	2.08	CY	\$400	\$250	\$1,352	
26		(16x16) Concrete Column "C21" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	1.13	CY	\$400	\$250	\$735	
27		(16x16) Concrete Column "C22" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	1.13	CY	\$400	\$250	\$735	
28		(16x16) Concrete Column "C30" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	2.08	CY	\$400	\$250	\$1,352	
29		(16x16) Concrete Column "C31" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
30		(16x16) Concrete Column "C32" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
31		(16x16) Concrete Column "C33" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
32		(24") Dia. Concrete Column "C35" As; Reinf. W/ 8#7 & #3 Ties @ 12" O.C. Type B	1.98	CY	\$400	\$250	\$1,287	
33		(16x16) Concrete Column "C36" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	1.13	CY	\$400	\$250	\$735	
34		(16x16) Concrete Column "C37" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	3.05	CY	\$400	\$250	\$1,983	
35		(16x16) Concrete Column "C38" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	3.05	CY	\$400	\$250	\$1,983	
36		(24") Dia. Concrete Column "C39" As; Reinf. W/ 8#8 & #3 Ties @ 12" O.C. Type B	1.98	CY	\$400	\$250	\$1,287	

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
<b>Second Floor</b>								
37		(16x16) Concrete Column "C4" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.96	CY	\$400	\$250	\$624	
38		(16x16) Concrete Column "C6" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.72	CY	\$400	\$250	\$468	
39		(16x16) Concrete Column "C7" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.8	CY	\$400	\$250	\$520	
40		(16x16) Concrete Column "C8" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.96	CY	\$400	\$250	\$624	
41		(16x16) Concrete Column "C9" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.96	CY	\$400	\$250	\$624	
42		(16") Dia. Concrete Column "C10" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.76	CY	\$400	\$250	\$494	
43		(8x32) Concrete Column "C11" As; Reinf. W/ 6#7 & #3 Ties @ 6" O.C. Type B	0.89	CY	\$400	\$250	\$579	
44		(16x16) Concrete Column "C12" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.89	CY	\$400	\$250	\$579	
45		(16x16) Concrete Column "C14" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.96	CY	\$400	\$250	\$624	
46		(16x16) Concrete Column "C16" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.96	CY	\$400	\$250	\$624	
47		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.67	CY	\$400	\$250	\$436	
48		(16x16) Concrete Column "C18" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.96	CY	\$400	\$250	\$624	
49		(16x16) Concrete Column "C21" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.89	CY	\$400	\$250	\$579	
50		(16x16) Concrete Column "C22" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.96	CY	\$400	\$250	\$624	
51		(16x16) Concrete Column "C31" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.89	CY	\$400	\$250	\$579	
52		(16x16) Concrete Column "C32" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.89	CY	\$400	\$250	\$579	
53		(16x16) Concrete Column "C33" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.96	CY	\$400	\$250	\$624	
54		(16") Dia. Concrete Column "C35" As; Reinf. W/ 4#7 & #3 Ties @ 9" O.C. Type B	1.01	CY	\$400	\$250	\$657	
55		(12x12) Concrete Column "C36" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.5	CY	\$400	\$250	\$325	
56		(16x16) Concrete Column "C39" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.8	CY	\$400	\$250	\$520	
<b>Third Floor</b>								
57		(16x16) Concrete Column "C4" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.96	CY	\$400	\$250	\$624	
58		(16x16) Concrete Column "C6" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.7	CY	\$400	\$250	\$455	
59		(12x12) Concrete Column "C25" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.54	CY	\$400	\$250	\$351	
60		(16x16) Concrete Column "C9" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.93	CY	\$400	\$250	\$605	
61		(16") Dia. Concrete Column "C10" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.97	CY	\$400	\$250	\$631	
62		(8x32) Concrete Column "C11" As; Reinf. W/ 6#7 & #3 Ties @ 6" O.C. Type B	1.24	CY	\$400	\$250	\$806	
63		(16x16) Concrete Column "C12" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.83	CY	\$400	\$250	\$540	
64		(16x16) Concrete Column "C14" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.83	CY	\$400	\$250	\$540	
65		(16x16) Concrete Column "C16" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	0.96	CY	\$400	\$250	\$624	
66		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.62	CY	\$400	\$250	\$403	
67		(16x16) Concrete Column "C18" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.96	CY	\$400	\$250	\$624	
68		(16x14) Concrete Column "C22" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	0.81	CY	\$400	\$250	\$527	
69		(16x16) Concrete Column "C34" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.93	CY	\$400	\$250	\$605	
70		(16x16) Concrete Column "C44" As; Reinf. W/ 6#8 & #3 Ties @ 6" O.C. Type B	0.93	CY	\$400	\$250	\$605	

PROJECT ID:

SCOPE: Concrete, Masonry &amp; Structural Steel

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
71		(16") Dia. Concrete Column "C35" As; Reinf. W/ 4#7 & #3 Ties @ 9" O.C. Type B	0.97	CY	\$400	\$250	\$631	
72		(16x16) Concrete Column "C39" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	0.93	CY	\$400	\$250	\$605	
73		(8x16) Concrete Column "C42" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.48	CY	\$400	\$250	\$312	
		<b>High Roof Level</b>						
74		(8x32) Concrete Column "C11" As; Reinf. W/ 6#7 & #3 Ties @ 6" O.C. Type B	0.81	CY	\$400	\$250	\$527	
75		(8x16) Concrete Column "C12" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.61	CY	\$400	\$250	\$397	
76		(8x16) Concrete Column "C14" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.41	CY	\$400	\$250	\$267	
77		(8x16) Concrete Column "C16" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.41	CY	\$400	\$250	\$267	
78		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.61	CY	\$400	\$250	\$397	
79		(8x16) Concrete Column "C18" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	0.61	CY	\$400	\$250	\$397	
		<b>Foundation Plan</b>						
		<b>Beam</b>						
80		Grade Beam "GB-1" (123 LF) (24x24) Beam Reinf. W/ 6#7 T&B & 2#7 Mid Height W/ #4 Ties @ 12" O.C.	18.2	CY	\$400	\$250	\$11,830	
		<b>Walls</b>						
81		(12") Concrete Wall (30 LF, 4'-0" H.) Reinforced W/ #5 @ 18" O.C. Each Face Each way	4.44	CY	\$400	\$250	\$2,886	
		<b>Grout</b>						
82		(8") CMU Wall (75 EA) Reinforced W/ #5 Bars @ 16" O.C.	0.75	CY	\$100	\$50	\$113	
83		8" CMU Wall (119 EA) Reinforced W/ #5 Bars @ 24" O.C.	1.19	CY	\$100	\$50	\$179	
		<b>Concrete Footings</b>						
84		(42") Thick Mat Footing "Mat-1" As; (14" Dia. 34 Piles) Reinf Concrete Footing	78.69	CY	\$400	\$250	\$51,149	
85		(36") Thick Mat Footing "Mat-2" As; (14" Dia. 36 Piles) Reinf Concrete Footing	77.89	CY	\$400	\$250	\$50,629	
86		(42") Thick Pile Cap "PC-1" As; (14" Dia. 8 Piles) Reinf Concrete Pile Cap	13.23	CY	\$400	\$250	\$8,600	
87		(30") Thick Pile Cap "PC-2" As; (14" Dia. 2 Piles) Reinf Concrete Pile Cap	22.97	CY	\$400	\$250	\$14,931	
88		(34") Thick Pile Cap "PC-3" As; (14" Dia. 3 Piles) Reinf Concrete Pile Cap	69.26	CY	\$400	\$250	\$45,019	
89		(40") Thick Pile Cap "PC-6" As; (14" Dia. 8 Piles) Reinf Concrete Pile Cap	20.75	CY	\$400	\$250	\$13,488	
90		(40") Thick Pile Cap "PC-8.1" As; (14" Dia. 8 Piles) Reinf Concrete Pile Cap	22.97	CY	\$400	\$250	\$14,931	
91		(40") Thick Pile Cap "PC-8.2" As; (14" Dia. 8 Piles) Reinf Concrete Pile Cap	20.87	CY	\$400	\$250	\$13,566	
92		(44") Thick Pile Cap "PC-9" As; (14" Dia. 9 Piles) Reinf Concrete Pile Cap	28.93	CY	\$400	\$250	\$18,805	
93		(44") Thick Pile Cap "PC-16" As; (14" Dia. 16 Piles) Reinf Concrete Pile Cap	40.2	CY	\$400	\$250	\$26,130	
94		Concrete Pier "P-1" (16x16) Pier Reinf. W/ #6 ASTM 706 Welded To (1-1/2") Base Plate	0.13	CY	\$400	\$250	\$85	
95		Concrete Pier "P-2" (39x39) Pier Reinf. W/ #9 ASTM 706 Welded To (2") Base Plate	0.26	CY	\$400	\$250	\$169	
		<b>Slab On Grade Level</b>						
		<b>Slabs</b>						
96		Slab on Grade -5" Thick Concrete Slab Over Vapor Barrier Compacted Sub Base 4x4 W4.0xW4.0 WWF 2" Slab Bolster	20.5	CY	\$390	\$290	\$13,940	
97		Slab On Grade As: 5" Thick Concrete Over Vapor Barrier Compacted Subbase 4x4 W4.0xW4.0 WWF 2" Slab Bolster	140	CY	\$390	\$290	\$95,200	

PROJECT ID:



SCOPE: Concrete, Masonry &amp; Structural Steel

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
98		Precast Columns For Precast Stair	4	EA	\$250	\$100	\$1,400	
		<b>Grout</b>						
99		(8") CMU Wall (229 EA) Reinforced W/ #5 @ 16" O.C.	2.29	CY	\$100	\$50	\$344	
100		(8") Bond Beam (153 EA) Reinf. W/ 2#5	1.53	CY	\$100	\$50	\$230	
		<b>Second Floor</b>						
		<b>Slab</b>						
101		(4-3/4") Concrete Slab Reinforced W/ 4x4 W4.0 x W4.0 WWF	123	CY	\$390	\$240	\$77,490	
102		9" Thick Slab Reinf. W/ #5 @ 4" O.C. T&B	1.89	CY	\$390	\$240	\$1,191	
103		(12") Concrete Slab Reinf. W/ #5 @ 7" O.C.	2.22	CY	\$390	\$240	\$1,399	
		<b>Concrete Joist</b>						
104		(12") Deep Precast Concrete Joist "J1" @ 78" O.C. (910 LF)	5606	SF	\$8	\$5	\$72,878	
105		(16") Deep Joist "J2" @ 54" O.C. ( 271 LF)	1214	SF	\$8	\$5	\$15,782	
106		(8") Deep Precast Concrete Joist "J3" @ 24" O.C. (30 LF)	63	SF	\$8	\$5	\$819	
107		(20") Deep Precast Concrete Joist "J4" @ 54" O.C. (206 LF)	980	SF	\$8	\$5	\$12,740	
		<b>Beams</b>						
108		(16x30) Concrete Beam "BM-5"	10.13	CY	\$400	\$250	\$6,585	
109		(8x24) Concrete Beam "BM-15"	1.34	CY	\$400	\$250	\$871	
110		(8x24) Concrete Beam "BM-74"	0.55	CY	\$400	\$250	\$358	
111		(8x24) Concrete Beam "BM-14"	0.55	CY	\$400	\$250	\$358	
112		(8x24) Concrete Beam "BM-13"	1.04	CY	\$400	\$250	\$676	
113		(8x24) Concrete Beam "BM-68"	0.55	CY	\$400	\$250	\$358	
114		(16x30) Concrete Beam "BM-78"	3.34	CY	\$400	\$250	\$2,171	
115		(16x30) Concrete Beam "BM-79"	2.96	CY	\$400	\$250	\$1,924	
116		(32x30) Concrete Beam "BM-2"	12.6	CY	\$400	\$250	\$8,190	
117		(16x30) Concrete Beam "BM-11"	0.99	CY	\$400	\$250	\$644	
118		(24x30) Concrete Beam "BM-10"	3.71	CY	\$400	\$250	\$2,412	
119		(16x30) Concrete Beam "BM-3"	11.24	CY	\$400	\$250	\$7,306	
120		(16x30) Concrete Beam "BM-6"	2.84	CY	\$400	\$250	\$1,846	
121		(16x30) Concrete Beam "BM-9"	2.47	CY	\$400	\$250	\$1,606	
122		(32x30) Concrete Beam "BM-1"	12.84	CY	\$400	\$250	\$8,346	
123		(16x30) Concrete Beam "BM-4"	14.33	CY	\$400	\$250	\$9,315	
124		(16x30) Concrete Beam "BM-16"	4.33	CY	\$400	\$250	\$2,815	
125		(16x30) Concrete Beam "BM-81"	3.21	CY	\$400	\$250	\$2,087	
126		(16x30) Concrete Beam "BM-80"	3.71	CY	\$400	\$250	\$2,412	
127		(24x30) Concrete Beam "BM-7"	11.67	CY	\$400	\$250	\$7,586	
128		(18x24) Beam "BM-73"	1.23	CY	\$400	\$250	\$800	
129		(18x24) Beam "BM-12"	1.23	CY	\$400	\$250	\$800	
130		(16x30) Concrete Beam "BM-37"	3.46	CY	\$400	\$250	\$2,249	
131		(16x30) Concrete Beam "BM-38"	3.46	CY	\$400	\$250	\$2,249	
132		(16x30) Concrete Beam "BM-25"	1.24	CY	\$400	\$250	\$806	
		<b>Grout</b>						
133		(8") CMU Wall (61 EA) Reinf. W/ #5@16	0.61	CY	\$100	\$50	\$92	
134		8" CMU Wall (36 EA) Reinforced W/ #5 @ 32" O.C.	0.36	CY	\$100	\$50	\$54	
135		8" CMU Wall (137 EA) Reinforced W/ #5 @ 24" O.C.	1.37	CY	\$100	\$50	\$206	
136		8" CMU Wall (852 EA) Reinforced W/ #5 @ 16" O.C.	8.52	CY	\$100	\$50	\$1,278	
137		(8") Bond Beam (579 EA) Reinf. W/ 2#5	5.79	CY	\$100	\$50	\$869	
		<b>Third Floor</b>						
		<b>Beams</b>						
		<b>(8"x 24") Beam W/ Reinforcement (84 LF)</b>						
138		(8"x24") Beam "BM-26" (33 LF)	1.64	CY	\$400	\$250	\$1,064	
139		(8"x24") Beam "BM-35" (20 LF)	0.98	CY	\$400	\$250	\$639	
140		(8"x24") Beam "BM-36" (11 LF)	0.53	CY	\$400	\$250	\$344	
141		(8"x24") Beam "BM-39" (11 LF)	0.54	CY	\$400	\$250	\$348	
142		(8"x24") Beam "BM-76" (11 LF)	0.51	CY	\$400	\$250	\$335	
		<b>(12"x 18") Beam W/ Reinforcement (60 LF)</b>						
143		(12"x18") Beam "BM-17" (42 LF)	2.33	CY	\$400	\$250	\$1,517	
144		(12"x18") Beam "BM-30" (9 LF)	0.50	CY	\$400	\$250	\$328	
145		(12"x18") Beam "BM-33" (9 LF)	0.51	CY	\$400	\$250	\$329	
		<b>(12"x 24") Beam W/ Reinforcement (16 LF)</b>						
146		(12"x24") Beam "BM-28" (11 LF)	0.80	CY	\$400	\$250	\$519	
147		(12"x24") Beam "BM-29" (5 LF)	0.36	CY	\$400	\$250	\$234	
		<b>(16"x 30") Beam W/ Reinforcement (506 LF)</b>						

PROJECT ID:



SCOPE: Concrete, Masonry &amp; Structural Steel

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
148		(16"x30") Beam "BM-19" (119 LF)	16.41	CY	\$400	\$250	\$10,668	
149		(16"x30") Beam "BM-20" (57 LF)	7.95	CY	\$400	\$250	\$5,168	
150		(16"x30") Beam "BM-21" (23 LF)	3.16	CY	\$400	\$250	\$2,054	
151		(16"x30") Beam "BM-22" (82 LF)	11.34	CY	\$400	\$250	\$7,372	
152		(16"x30") Beam "BM-25" (23 LF)	3.18	CY	\$400	\$250	\$2,066	
153		(16"x30") Beam "BM-27" (16 LF)	2.16	CY	\$400	\$250	\$1,403	
154		(16"x30") Beam "BM-31" (18 LF)	2.48	CY	\$400	\$250	\$1,611	
155		(16"x30") Beam "BM-37" (28 LF)	3.86	CY	\$400	\$250	\$2,511	
156		(16"x30") Beam "BM-38" (27 LF)	3.72	CY	\$400	\$250	\$2,416	
157		(16"x30") Beam "BM-72" (22 LF)	3.08	CY	\$400	\$250	\$2,000	
158		(16"x30") Beam "BM-82" (24 LF)	3.27	CY	\$400	\$250	\$2,122	
159		(16"x30") Beam "BM-83" (25 LF)	3.43	CY	\$400	\$250	\$2,230	
160		(16"x30") Beam "BM-84" (22 LF)	3.00	CY	\$400	\$250	\$1,952	
161		(16"x30") Beam "BM-85" (23 LF)	3.16	CY	\$400	\$250	\$2,054	
		<b>(24"x 30") Beam W/ Reinforcement (269 LF)</b>						
162		(24"x30") Beam "BM-18" (52 LF)	9.52	CY	\$400	\$250	\$6,191	
163		(24"x30") Beam "BM-20" (59 LF)	10.81	CY	\$400	\$250	\$7,025	
164		(24"x30") Beam "BM-23" (112 LF)	20.70	CY	\$400	\$250	\$13,457	
165		(24"x30") Beam "BM-24" (19 LF)	3.46	CY	\$400	\$250	\$2,251	
166		(24"x30") Beam "BM-32" (29 LF)	5.31	CY	\$400	\$250	\$3,452	
		<b>(28"x 30") Beam W/ Reinforcement (33 LF)</b>						
167		(28"x30") Beam "BM-18" (32 LF)	6.97	CY	\$400	\$250	\$4,528	
		<b>Slabs</b>						
168		4-3/4" Concrete Slab Reinforced W/ 4x4 W4.0xW4.0 WWF	7925	SF	\$8	\$5	\$103,025	
169		6" Thick Concrete Slab Reinforced W/ #4 @ 18" O.C. & #4 @ 6" O.C. Top & Bottom	697	SF	\$8	\$5	\$9,061	
		<b>Precast Concrete Joists</b>						
170		(12") Deep Precast Concrete Joist "J1"	482	LF	\$13	\$7	\$9,640	
171		(16") Deep Precast Concrete Joist "J2"	240	LF	\$13	\$7	\$4,800	
172		(8") Deep Precast Concrete Joist "J3"	64	LF	\$13	\$7	\$1,280	
173		(20") Deep Precast Concrete Joist "J4"	231	LF	\$13	\$7	\$4,620	
		<b>Grout</b>						
174		(5'-4" H.) (8") CMU Wall (31 LF, 186 EA) W/ #5 Vertical Bar @ 8" O.C.	2.02	CY	\$100	\$50	\$303	
175		(10'-10" H.) (8") CMU Wall (151 LF, 1840 EA) W/ #5 Vertical Bar @ 8" O.C.	20	CY	\$100	\$50	\$3,000	
176		(10' H.) (8") CMU Wall (8 LF, 90 EA) W/ #5 Vertical Bar @ 16" O.C.	0.57	CY	\$100	\$50	\$86	
177		(11'-2" H) 8" CMU Wall Reinforced (157 LF, 1970 EA) W/ #5 @ 16" O.C.	12.4	CY	\$100	\$50	\$1,860	
178		(10' H.) (8") CMU Wall (70 LF, 788 EA) W/ #5 Vertical Bar @ 24" O.C.	2.78	CY	\$100	\$50	\$417	
179		(15'-5" H.) (8") CMU Wall (18 LF, 313 EA) W/ #5 Vertical Bar @ 24" O.C.	1.1	CY	\$100	\$50	\$165	
180		(9'-4" H.) (8") CMU Wall (36 LF, 378 EA) W/ #5 Vertical Bar @ 32" O.C.	1.2	CY	\$100	\$50	\$180	
181		(10' H.) (8") CMU Wall (37 LF, 417 EA) W/ #5 Vertical Bar @ 32" O.C.	1.19	CY	\$100	\$50	\$179	
		<b>Roof</b>						
		<b>Beams</b>						
		<b>(8"x 16") Beam W/ Reinforcement (9 LF)</b>						
182		(8"x16") Beam "BM-56" (8 LF)	0.28	CY	\$400	\$250	\$183	
		<b>(8"x 24") Beam W/ Reinforcement (90 LF)</b>						
183		(8"x24") Beam "BM-48" (11 LF)	0.54	CY	\$400	\$250	\$353	
184		(8"x24") Beam "BM-49" (26 LF)	1.29	CY	\$400	\$250	\$838	
185		(8"x24") Beam "BM-53" (35 LF)	1.75	CY	\$400	\$250	\$1,139	
186		(8"x24") Beam "BM-55" (19 LF)	0.96	CY	\$400	\$250	\$621	
		<b>(16"x 30") Beam W/ Reinforcement (164 LF)</b>						
187		(16"x30") Beam "BM-45" (23 LF)	3.18	CY	\$400	\$250	\$2,067	
188		(16"x30") Beam "BM-51" (16 LF)	2.24	CY	\$400	\$250	\$1,454	
189		(16"x30") Beam "BM-43" (18 LF)	2.12	CY	\$400	\$250	\$1,376	
190		(16"x30") Beam "BM-70" (17 LF)	2.01	CY	\$400	\$250	\$1,307	
191		(16"x30") Beam "BM-86" (24 LF)	2.90	CY	\$400	\$250	\$1,887	
192		(16"x30") Beam "BM-87" (24 LF)	2.89	CY	\$400	\$250	\$1,875	
193		(16"x30") Beam "BM-88" (21 LF)	2.60	CY	\$400	\$250	\$1,689	
194		(16"x30") Beam "BM-89" (23 LF)	2.89	CY	\$400	\$250	\$1,880	
		<b>(18"x 30") Beam W/ Reinforcement (82 LF)</b>						
195		(18"x30") Beam "BM-44" (82 LF)	11.38	CY	\$400	\$250	\$7,397	
		<b>(24"x 24") Beam W/ Reinforcement (103 LF)</b>						
196		(24"x24") Beam "BM-40" (51 LF)	7.56	CY	\$400	\$250	\$4,915	
197		(24"x24") Beam "BM24" (52 LF)	7.69	CY	\$400	\$250	\$4,997	

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
		<b>(24"x 30") Beam W/ Reinforcement (155 LF)</b>						
198		(24"x30") Beam "BM-43" (74 LF)	13.59	CY	\$400	\$250	\$8,830	
199		(24"x30") Beam "BM-46" (44 LF)	8.14	CY	\$400	\$250	\$5,290	
200		(24"x30") Beam "BM-47" (20 LF)	3.61	CY	\$400	\$250	\$2,348	
201		(24"x30") Beam "BM-52" (17 LF)	3.22	CY	\$400	\$250	\$2,093	
		<b>(26"x 30") Beam W/ Reinforcement (15 LF)</b>						
202		(26"x30") Beam "BM-41" (15 LF)	2.93	CY	\$400	\$250	\$1,904	
		<b>Slabs</b>						
203		4-3/4" Concrete Slab Reinforced W/ 4x4-W4.0xW4.0 W.W.F	6007	SF	\$8	\$5	\$78,091	
204		(7") Thick One Way Slab	173	SF	\$8	\$5	\$2,249	
205		(4.75") Thick Slab W/ #4 @ 8" O.C.	196	SF	\$8	\$5	\$2,548	
		<b>Precast Concrete Joists</b>						
206		(12") Deep Precast Concrete Joist "J1"	491	LF	\$13	\$7	\$9,820	
207		(8") Deep Precast Concrete Joist "J3"	90	LF	\$13	\$7	\$1,800	
208		(20") Deep Precast Concrete Joist "J4"	198	LF	\$13	\$7	\$3,960	
		<b>Grout</b>						
209		(3'-4" H.) (8") CMU Parapet Wall (328 LF, 600 EA) W/ #5 Bar @ 32" O.C.	4.54	CY	\$100	\$50	\$681	
210		(10' H.) (8") CMU Wall (64 LF, 720 EA) W/ #5 Vertically @ 24" O.C.	3.1	CY	\$100	\$50	\$465	
211		(4'-8" H. ) (8") CMU Wall (28 LF, 152 EA) W/ #5 Vertical Bar @ 24" O.C.	1.06	CY	\$100	\$50	\$159	
		<b>High Roof</b>						
		<b>Beams</b>						
		<b>(16"x 24") Beam W/ Reinforcement (134 LF)</b>						
212		(16"x24") Beam "BM-59" (48 LF)	4.71	CY	\$400	\$250	\$3,063	
213		(16"x24") Beam "BM-60" (48 LF)	4.70	CY	\$400	\$250	\$3,056	
214		(16"x24") Beam "BM-61" (19 LF)	1.90	CY	\$400	\$250	\$1,234	
215		(16"x24") Beam "BM-63" (19 LF)	1.82	CY	\$400	\$250	\$1,183	
		<b>(18"x 24") Beam W/ Reinforcement (93 LF)</b>						
216		(18"x24") Beam "BM-62" (18 LF)	2.01	CY	\$400	\$250	\$1,307	
217		(8"x24") Beam "BM-67" (26 LF)	2.91	CY	\$400	\$250	\$1,889	
218		(8"x24") Beam "BM-66" (11 LF)	1.21	CY	\$400	\$250	\$784	
219		(8"x24") Beam "BM-65" (27 LF)	2.96	CY	\$400	\$250	\$1,921	
220		(8"x24") Beam "BM-64" (11 LF)	1.21	CY	\$400	\$250	\$786	
		<b>Slabs</b>						
221		(7") Thick Slab W/ #4 @ 10" O.C. Top & Bottom	1270	SF	\$8	\$5	\$16,510	
		<b>Precast Concrete Joists</b>						
222		(8") Deep Precast Concrete Joist "J3"	72	LF	\$13	\$7	\$1,440	
		<b>Shear Walls</b>						
223		(12") Thick Shear Wall "SW1" (1078 SF) Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars	39.93	CY	\$400	\$250	\$25,955	
224		(12") Thick Shear Wall "SW2" (498 SF) Reinf. W/ #5 @ 12" O.C. Vertical & #5 @ 6" O.C. Horiz. Bars	18.45	CY	\$400	\$250	\$11,993	
225		(12") Thick Shear Wall "SW3" (1083 SF) Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars	40.12	CY	\$400	\$250	\$26,078	
226		(12") Thick Shear Wall "SW4" (436 SF) Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars	16.15	CY	\$400	\$250	\$10,498	
227		(12") Thick Shear Wall "SW5" (840 SF) Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars	31.12	CY	\$400	\$250	\$20,228	
228		(12") Thick Shear Wall "SW6" (254 SF) Reinf. W/ 4#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars	9.41	CY	\$400	\$250	\$6,117	
229		(12") Thick Shear Wall "SW7" (473 SF) Reinf. W/ 6#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars	17.52	CY	\$400	\$250	\$11,388	
230		(12") Thick Shear Wall "SW8" (271 SF) Reinf. W/ 6#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars	10.04	CY	\$400	\$250	\$6,526	
231		(12") Thick Shear Wall "SW9" (198 SF) Reinf. W/ 6#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars	7.34	CY	\$400	\$250	\$4,771	
232		(12") Thick Shear Wall "SW10" (536 SF) Reinf. W/ 8#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars	19.86	CY	\$400	\$250	\$12,909	
		<b>Stairs</b>						
		<b>Rear Stairs</b>						
233		(4'-0") W. Concrete Stairs Reinf. W/ #5@6" O.C. T&B	15.26	CY	\$390	\$240	\$9,613	

PROJECT ID:



SCOPE: Concrete, Masonry &amp; Structural Steel

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
		<b>Front Stairs</b>						
234		(4'-6") Wide Concrete Stairs Reinf. #5 @ 5" O.C. T & B	12.43	CY	\$390	\$240	\$7,831	
		<b>Subtotal (Concrete)</b>						<b>\$1,263,523</b>
		<b>DIVISION 04- MASONRY</b>						
		<b>Foundation Plan</b>						
235		(8") CMU Wall (99 EA, 4'-0" H.) Reinforced W/ #5 Bars @ 16" O.C.	88	SF	\$9	\$6	\$1,320	
236		8" CMU Wall (238 EA, 4'-0" H.) Reinforced W/ #5 Bars @ 24" O.C.	212	SF	\$9	\$6	\$3,180	
		<b>Slab On Grade Level</b>						
237		(8") CMU Wall (955 EA, 12'-6" H.) Reinforced W/ #5 @ 16" O.C.	850	SF	\$9	\$6	\$12,750	
238		(8") Bond Beam (153 EA) Reinf. W/ 2#5	153	LF	\$13	\$7	\$3,060	
		<b>Second Floor</b>						
239		(8") CMU Wall (81 EA, 4'-0" H.) Reinf. W/ #5@16	72	SF	\$9	\$6	\$1,080	
240		8" CMU Wall (252 EA, 10'-8" H.) Reinforced W/ #5 @ 32" O.C.	255	SF	\$9	\$6	\$3,825	
241		8" CMU Wall (733 EA, 10'-8" H.) Reinforced W/ #5 @ 24" O.C.	653	SF	\$9	\$6	\$9,795	
242		8" CMU Wall (3042 EA, 10'-8" H.) Reinforced W/ #5 @ 16" O.C.	2707	SF	\$9	\$6	\$40,605	
243		(8") Bond Beam (579 EA) Reinf. W/ 2#5	516	LF	\$13	\$7	\$10,320	
		<b>Third Floor</b>						
244		(5'-4" H.) (8") CMU Wall (31 LF, 186 EA) W/ #5 Vertical Bar @ 8" O.C.	165	SF	\$9	\$6	\$2,475	
245	S-101 & S-602	(10'-10" H.) (8") CMU Wall (151 LF, 1840 EA) W/ #5 Vertical Bar @ 8" O.C.	1628	SF	\$9	\$6	\$24,420	
246		(10' H.) (8") CMU Wall (8 LF, 90 EA) W/ #5 Vertical Bar @ 16" O.C.	77	SF	\$9	\$6	\$1,155	
247		(11'-2" H) 8" CMU Wall (157 LF, 1970 EA) W/ #5 @ 16" O.C.	1749	SF	\$9	\$6	\$26,235	
248		(10' H.) (8") CMU Wall (70 LF, 788 EA) W/ #5 Vertical Bar @ 24" O.C.	695	SF	\$9	\$6	\$10,425	
249		(15'-5" H.) (8") CMU Wall (18 LF, 313 EA) W/ #5 Vertical Bar @ 24" O.C.	275	SF	\$9	\$6	\$4,125	
250		(9'-4" H.) (8") CMU Wall (36 LF, 378 EA) W/ #5 Vertical Bar @ 32" O.C.	334	SF	\$9	\$6	\$5,010	
251		(10' H.) (8") CMU Wall (37 LF, 417 EA) W/ #5 Vertical Bar @ 32" O.C.	367	SF	\$9	\$6	\$5,505	
252		Double Bond Beam @ Top W/ (2) #5 Horizontal Bars	84	LF	\$13	\$7	\$1,680	
253		Bond Beam @ 3'-4" W/ (2) #5 Horizontal Bars	1049	LF	\$13	\$7	\$20,980	
		<b>Roof</b>						
254		(3'-4" H.) (8") CMU Parapet Wall (328 LF, 600 EA) W/ #5 Bar @ 32" O.C.	1090	SF	\$9	\$6	\$16,350	
255		(10' H.) (8") CMU Wall (64 LF, 720 EA) W/ #5 Vertically @ 24" O.C.	643	SF	\$9	\$6	\$9,645	
256		(4'-8" H. ) (8") CMU Wall (28 LF, 152 EA) W/ #5 Vertical Bar @ 24" O.C.	133	SF	\$9	\$6	\$1,995	
257		Double Bond Beam @ Top W/ (2) #5 Horizontal Bars	388	LF	\$13	\$7	\$7,760	
258		Bond Beam @ 3'-4" W/ (2) #5 Horizontal Bars	65	LF	\$13	\$7	\$1,300	
		<b>Subtotal (Masonry)</b>						<b>\$224,995</b>
		<b>DIVISION 05- METALS</b>						
		<b>Concrete Columns Reinforcement</b>						
259		<b>First Floor</b> (16x16) Concrete Column "C4" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	216	Lbs	\$2.5	\$1.5	\$864	
260		(24") Dia. Concrete Column "C6" As; Reinf. W/ 8#8 & #3 Ties @ 12" O.C. Type B	431	Lbs	\$2.5	\$1.5	\$1,724	
261		(16x16) Concrete Column "C7" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	153	Lbs	\$2.5	\$1.5	\$612	
262		(16x16) Concrete Column "C8" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	173	Lbs	\$2.5	\$1.5	\$692	

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
263		(16x16) Concrete Column "C9" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	173	Lbs	\$2.5	\$1.5	\$692	
264		(24") Dia. Concrete Column "C10" As; Reinf. W/ 8#8 & #3 Ties @ 12" O.C. Type B	431	Lbs	\$2.5	\$1.5	\$1,724	
265		(8x32) Concrete Column "C11" As; Reinf. W/ 8#8 & #3 Ties @ 6" O.C. Type B	442	Lbs	\$2.5	\$1.5	\$1,768	
266		(16x16) Concrete Column "C12" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	240	Lbs	\$2.5	\$1.5	\$960	
267		(16x16) Concrete Column "C14" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	247	Lbs	\$2.5	\$1.5	\$988	
268		(16x16) Concrete Column "C15" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	398	Lbs	\$2.5	\$1.5	\$1,592	
269		(16x16) Concrete Column "C16" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	216	Lbs	\$2.5	\$1.5	\$864	
270		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	224	Lbs	\$2.5	\$1.5	\$896	
271		(16x16) Concrete Column "C18" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	216	Lbs	\$2.5	\$1.5	\$864	
272		(16x16) Concrete Column "C19" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	699	Lbs	\$2.5	\$1.5	\$2,796	
273		(16x16) Concrete Column "C20" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	398	Lbs	\$2.5	\$1.5	\$1,592	
274		(16x16) Concrete Column "C24" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	247	Lbs	\$2.5	\$1.5	\$988	
275		(16x16) Concrete Column "C29" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	398	Lbs	\$2.5	\$1.5	\$1,592	
276		(16x16) Concrete Column "C21" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	247	Lbs	\$2.5	\$1.5	\$988	
277		(16x16) Concrete Column "C22" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	247	Lbs	\$2.5	\$1.5	\$988	
278		(16x16) Concrete Column "C30" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	398	Lbs	\$2.5	\$1.5	\$1,592	
279		(16x16) Concrete Column "C31" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	216	Lbs	\$2.5	\$1.5	\$864	
280		(16x16) Concrete Column "C32" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	216	Lbs	\$2.5	\$1.5	\$864	
281		(16x16) Concrete Column "C33" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	216	Lbs	\$2.5	\$1.5	\$864	
282		(24") Dia. Concrete Column "C35" As; Reinf. W/ 8#7 & #3 Ties @ 12" O.C. Type B	346	Lbs	\$2.5	\$1.5	\$1,384	
283		(16x16) Concrete Column "C36" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	216	Lbs	\$2.5	\$1.5	\$864	
284		(16x16) Concrete Column "C37" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	584	Lbs	\$2.5	\$1.5	\$2,336	
285		(16x16) Concrete Column "C38" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	584	Lbs	\$2.5	\$1.5	\$2,336	
286		(24") Dia. Concrete Column "C39" As; Reinf. W/ 8#8 & #3 Ties @ 12" O.C. Type B	431	Lbs	\$2.5	\$1.5	\$1,724	
		<b>Second Floor</b>						
287		(16x16) Concrete Column "C4" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	185	Lbs	\$2.5	\$1.5	\$740	
288		(16x16) Concrete Column "C6" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	185	Lbs	\$2.5	\$1.5	\$740	
289		(16x16) Concrete Column "C7" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	123	Lbs	\$2.5	\$1.5	\$492	
290		(16x16) Concrete Column "C8" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	149	Lbs	\$2.5	\$1.5	\$596	
291		(16x16) Concrete Column "C9" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	149	Lbs	\$2.5	\$1.5	\$596	
292		(16") Dia. Concrete Column "C10" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	149	Lbs	\$2.5	\$1.5	\$596	
293	S-101 To S-602	(8x32) Concrete Column "C11" As; Reinf. W/ 6#7 & #3 Ties @ 6" O.C. Type B	239	Lbs	\$2.5	\$1.5	\$956	
294		(16x16) Concrete Column "C12" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	197	Lbs	\$2.5	\$1.5	\$788	
295		(16x16) Concrete Column "C14" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	211	Lbs	\$2.5	\$1.5	\$844	
296		(16x16) Concrete Column "C16" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	185	Lbs	\$2.5	\$1.5	\$740	
297		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	163	Lbs	\$2.5	\$1.5	\$652	



ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
298		(16x16) Concrete Column "C18" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	211	Lbs	\$2.5	\$1.5	\$844	
299		(16x16) Concrete Column "C21" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	197	Lbs	\$2.5	\$1.5	\$788	
300		(16x16) Concrete Column "C22" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	211	Lbs	\$2.5	\$1.5	\$844	
301		(16x16) Concrete Column "C31" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	173	Lbs	\$2.5	\$1.5	\$692	
302		(16x16) Concrete Column "C32" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	173	Lbs	\$2.5	\$1.5	\$692	
303		(16x16) Concrete Column "C33" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	185	Lbs	\$2.5	\$1.5	\$740	
304		(16") Dia. Concrete Column "C35" As; Reinf. W/ 4#7 & #3 Ties @ 9" O.C. Type B	158	Lbs	\$2.5	\$1.5	\$632	
305		(12x12) Concrete Column "C36" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	167	Lbs	\$2.5	\$1.5	\$668	
306		(16x16) Concrete Column "C39" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	153	Lbs	\$2.5	\$1.5	\$612	
		<b>Third Floor</b>						
307		(16x16) Concrete Column "C4" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	185	Lbs	\$2.5	\$1.5	\$740	
308		(16x16) Concrete Column "C6" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	178	Lbs	\$2.5	\$1.5	\$712	
309		(12x12) Concrete Column "C25" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	143	Lbs	\$2.5	\$1.5	\$572	
310		(16x16) Concrete Column "C9" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	143	Lbs	\$2.5	\$1.5	\$572	
311		(16") Dia. Concrete Column "C10" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	143	Lbs	\$2.5	\$1.5	\$572	
312		(8x32) Concrete Column "C11" As; Reinf. W/ 6#7 & #3 Ties @ 6" O.C. Type B	222	Lbs	\$2.5	\$1.5	\$888	
313		(16x16) Concrete Column "C12" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	151	Lbs	\$2.5	\$1.5	\$604	
314		(16x16) Concrete Column "C14" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	183	Lbs	\$2.5	\$1.5	\$732	
315		(16x16) Concrete Column "C16" As; Reinf. W/ 4#7 & #3 Ties @ 12" O.C. Type B	149	Lbs	\$2.5	\$1.5	\$596	
316		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	151	Lbs	\$2.5	\$1.5	\$604	
317		(16x16) Concrete Column "C18" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	211	Lbs	\$2.5	\$1.5	\$844	
318		(16x14) Concrete Column "C22" As; Reinf. W/ 4#8 & #3 Ties @ 6" O.C. Type B	204	Lbs	\$2.5	\$1.5	\$816	
319		(16x16) Concrete Column "C34" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	178	Lbs	\$2.5	\$1.5	\$712	
320		(16x16) Concrete Column "C44" As; Reinf. W/ 6#8 & #3 Ties @ 6" O.C. Type B	279	Lbs	\$2.5	\$1.5	\$1,116	
321		(16") Dia. Concrete Column "C35" As; Reinf. W/ 4#7 & #3 Ties @ 9" O.C. Type B	152	Lbs	\$2.5	\$1.5	\$608	
322		(16x16) Concrete Column "C39" As; Reinf. W/ 4#8 & #3 Ties @ 12" O.C. Type B	178	Lbs	\$2.5	\$1.5	\$712	
323		(8x16) Concrete Column "C42" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	164	Lbs	\$2.5	\$1.5	\$656	
		<b>High Roof Level</b>						
324		(8x32) Concrete Column "C11" As; Reinf. W/ 6#7 & #3 Ties @ 6" O.C. Type B	218	Lbs	\$2.5	\$1.5	\$872	
325		(8x16) Concrete Column "C12" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	140	Lbs	\$2.5	\$1.5	\$560	
326		(8x16) Concrete Column "C14" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	140	Lbs	\$2.5	\$1.5	\$560	
327		(8x16) Concrete Column "C16" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	140	Lbs	\$2.5	\$1.5	\$560	
328		(8x24) Concrete Column "C17" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	149	Lbs	\$2.5	\$1.5	\$596	
329		(8x16) Concrete Column "C18" As; Reinf. W/ 4#7 & #3 Ties @ 6" O.C. Type B	140	Lbs	\$2.5	\$1.5	\$560	
		<b>CMU Reinforcement</b>						
		<b>Foundation Plan</b>						
330		(8") CMU Wall Reinforced W/ #5 Bars @ 16" O.C.	73	Lbs	\$2.5	\$1.5	\$292	
331		8" CMU Wall (119 EA) Reinforced W/ #5 Bars @ 24" O.C.	114	Lbs	\$2.5	\$1.5	\$456	

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
		<b>Slab On Grade Level</b>						
332		(8") CMU Wall (229 EA) Reinforced W/ #5 @ 16" O.C.	784	Lbs	\$2.5	\$1.5	\$3,136	
333		(8") Bond Beam (153 EA) Reinf. W/ 2#5	212	Lbs	\$2.5	\$1.5	\$848	
		<b>Second Floor</b>						
334		(8") CMU Wall (61 EA) Reinf. W/ #5@16	61	Lbs	\$2.5	\$1.5	\$244	
335		8" CMU Wall (36 EA) Reinforced W/ #5 @ 32" O.C.	99	Lbs	\$2.5	\$1.5	\$396	
336		8" CMU Wall (137 EA) Reinforced W/ #5 @ 24" O.C.	351	Lbs	\$2.5	\$1.5	\$1,404	
337		8" CMU Wall (852 EA) Reinforced W/ #5 @ 16" O.C.	2122	Lbs	\$2.5	\$1.5	\$8,488	
338		(8") Bond Beam (579 EA) Reinf. W/ 2#5	804	Lbs	\$2.5	\$1.5	\$3,216	
		<b>Third Floor</b>						
339		(5'-4" H.) (8") CMU Wall (31 LF, 186 EA) W/ #5 Vertical Bar @ 8" O.C.	1589	Lbs	\$2.5	\$1.5	\$6,355	
340	S-101 To S-602	(10'-10" H.) (8") CMU Wall (151 LF, 1840 EA) W/ #5 Vertical Bar @ 8" O.C.	26597	Lbs	\$2.5	\$1.5	\$106,389	
341		(10' H.) (8") CMU Wall (8 LF, 90 EA) W/ #5 Vertical Bar @ 16" O.C.	644	Lbs	\$2.5	\$1.5	\$2,578	
342		(11'-2" H) 8" CMU Wall (157 LF, 1970 EA) W/ #5 @ 16" O.C.	15274	Lbs	\$2.5	\$1.5	\$61,095	
343		(10' H.) (8") CMU Wall (70 LF, 788 EA) W/ #5 Vertical Bar @ 24" O.C.	3866	Lbs	\$2.5	\$1.5	\$15,465	
344		(15'-5" H.) (8") CMU Wall (18 LF, 313 EA) W/ #5 Vertical Bar @ 24" O.C.	2229	Lbs	\$2.5	\$1.5	\$8,915	
345		(9'-4" H.) (8") CMU Wall (36 LF, 378 EA) W/ #5 Vertical Bar @ 32" O.C.	1300	Lbs	\$2.5	\$1.5	\$5,200	
346		(10' H.) (8") CMU Wall (37 LF, 417 EA) W/ #5 Vertical Bar @ 32" O.C.	1567	Lbs	\$2.5	\$1.5	\$6,269	
347		Double Bond Beam @ Top W/ (2) #5 Horizontal Bars	349	Lbs	\$2.5	\$1.5	\$1,398	
348		Bond Beam @ 3'-4" W/ (2) #5 Horizontal Bars	2182	Lbs	\$2.5	\$1.5	\$8,728	
			<b>Roof</b>					
349	(3'-4" H.) (8") CMU Parapet Wall (328 LF, 600 EA) W/ #5 Bar @ 32" O.C.	1485	Lbs	\$2.5	\$1.5	\$5,940		
350	(10' H.) (8") CMU Wall (64 LF, 720 EA) W/ #5 Vertically @ 24" O.C.	3672	Lbs	\$2.5	\$1.5	\$14,689		
351	(4'-8" H. ) (8") CMU Wall (28 LF, 152 EA) W/ #5 Vertical Bar @ 24" O.C.	3032	Lbs	\$2.5	\$1.5	\$12,129		
352	Double Bond Beam @ Top W/ (2) #5 Horizontal Bars	1614	Lbs	\$2.5	\$1.5	\$6,456		
353	Bond Beam @ 3'-4" W/ (2) #5 Horizontal Bars	135	Lbs	\$2.5	\$1.5	\$541		
		<b>Concrete Reinforcement</b>						
		<b>Foundation Plan</b>						
		<b>Beam</b>						
354		Grade Beam "GB-1" (24x24) Beam Reinf. W/ #6 T&B	3513	Lbs	\$2.5	\$1.5	\$14,052	
355		#4 Ties	243	Lbs	\$2.5	\$1.5	\$972	
		<b>Walls</b>						
356		(12") Concrete Wall (30 LF, 4'-0" H.) Reinforced W/ #5 @ 18" O.C. Each Face Each way #5 Rebar	167	Lbs	\$2.5	\$1.5	\$668	
		<b>Footing Reinforcement</b>						
357		(42") Thick Pile Cap "PC-1" #5 T&B	128	Lbs	\$2.5	\$1.5	\$512	
358		(30") Thick Pile Cap "PC-2" #5 T&B	260	Lbs	\$2.5	\$1.5	\$1,040	
359		(34") Thick Pile Cap "PC-3" #8 T&B	1152	Lbs	\$2.5	\$1.5	\$4,608	
360		(42") Thick Mat Footing "Mat-1" #8 @8" T&B	6486	Lbs	\$2.5	\$1.5	\$25,944	
361		(36") Thick Mat Footing "Mat-2" #8 @8" T&B	7468	Lbs	\$2.5	\$1.5	\$29,872	
362		(44") Thick Pile Cap "PC-9" #8 T&B	2946	Lbs	\$2.5	\$1.5	\$11,784	

PROJECT ID:



SCOPE: Concrete, Masonry &amp; Structural Steel

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
		(44") Thick Pile Cap "PC-16"						
363		#8 @8" T&B	12672	Lbs	\$2.5	\$1.5	\$50,688	
		(40") Thick Pile Cap "PC-8.2"						
364		#8 T&B	2460	Lbs	\$2.5	\$1.5	\$9,840	
		(40") Thick Pile Cap "PC-8.1"						
365		#8 T&B	2684	Lbs	\$2.5	\$1.5	\$10,736	
366		Concrete Pier "P-1" (16x16) Pier Reinf. W/ #6 ASTM 706 Welded To (1-1/2") Base Plate	9	Lbs	\$2.5	\$1.5	\$36	
367		Concrete Pier "P-2" (39x39) Pier Reinf. W/ #9 ASTM 706 Welded To (2") Base Plate	21	Lbs	\$2.5	\$1.5	\$84	
		<b>Second Floor</b>						
		<b>Slab</b>						
		9" Thick Slab						
		Reinf. W/						
368		#4	1736	Lbs	\$2.5	\$1.5	\$6,944	
369		#5	426	Lbs	\$2.5	\$1.5	\$1,704	
370		#4	34	Lbs	\$2.5	\$1.5	\$136	
371		#5	317	Lbs	\$2.5	\$1.5	\$1,268	
		<b>Beams</b>						
		(32x30) Concrete Beam "BM-1"						
372		5#7	205	Lbs	\$2.5	\$1.5	\$820	
373		6#7	1078	Lbs	\$2.5	\$1.5	\$4,312	
374		3#5 x2	319	Lbs	\$2.5	\$1.5	\$1,276	
375		#4 Ties	654	Lbs	\$2.5	\$1.5	\$2,616	
		(32x30) Concrete Beam "BM-2"						
376		2#7	107	Lbs	\$2.5	\$1.5	\$428	
377		5#7	164	Lbs	\$2.5	\$1.5	\$656	
378		6#7	1213	Lbs	\$2.5	\$1.5	\$4,852	
379		3#5 x2	350	Lbs	\$2.5	\$1.5	\$1,400	
380		#4 Ties	828	Lbs	\$2.5	\$1.5	\$3,312	
		(16x30) Concrete Beam "BM-3"						
381		4#7	1062	Lbs	\$2.5	\$1.5	\$4,248	
382		6#7	711	Lbs	\$2.5	\$1.5	\$2,844	
383		2#7	168	Lbs	\$2.5	\$1.5	\$672	
384		3#7	374	Lbs	\$2.5	\$1.5	\$1,496	
385		#4 Ties	1628	Lbs	\$2.5	\$1.5	\$6,512	
		(16x30) Concrete Beam "BM-4"						
386		4#7	1070	Lbs	\$2.5	\$1.5	\$4,280	
387		6#7	576	Lbs	\$2.5	\$1.5	\$2,304	
388		5#7	429	Lbs	\$2.5	\$1.5	\$1,716	
389		3#7	68	Lbs	\$2.5	\$1.5	\$272	
390		#4 Ties	1628	Lbs	\$2.5	\$1.5	\$6,512	
		(16x30) Concrete Beam "BM-5"						
391		4#7	1650	Lbs	\$2.5	\$1.5	\$6,600	
392		6#7	356	Lbs	\$2.5	\$1.5	\$1,424	
393		3#5 *2	582	Lbs	\$2.5	\$1.5	\$2,328	
394		2#7	94	Lbs	\$2.5	\$1.5	\$376	
395		2#5	63	Lbs	\$2.5	\$1.5	\$252	
396		#3 Ties	307	Lbs	\$2.5	\$1.5	\$1,228	
		(16x30) Concrete Beam "BM-6"						
397		3#7	325	Lbs	\$2.5	\$1.5	\$1,300	
		B81						
398		3#7	460	Lbs	\$2.5	\$1.5	\$1,840	
399		#4 Ties	467	Lbs	\$2.5	\$1.5	\$1,868	
		(24x30) Concrete Beam "BM-7"						
400		4#7	1152	Lbs	\$2.5	\$1.5	\$4,608	
401		3#5 x2	438	Lbs	\$2.5	\$1.5	\$1,752	
402		#3 Ties	828	Lbs	\$2.5	\$1.5	\$3,312	
		(16x30) Concrete Beam "BM-8"						
403		4#7	123	Lbs	\$2.5	\$1.5	\$492	
404		3#5 x2	144	Lbs	\$2.5	\$1.5	\$576	
405		3#4 @ 6"	143	Lbs	\$2.5	\$1.5	\$572	
		(16x30) Concrete Beam "BM-9"						
406		3#7	294	Lbs	\$2.5	\$1.5	\$1,176	
407		#4 Ties	281	Lbs	\$2.5	\$1.5	\$1,124	
		(24x30) Concrete Beam "BM-10"						
408		4#7	392	Lbs	\$2.5	\$1.5	\$1,568	
409		#4 @ 12"	280	Lbs	\$2.5	\$1.5	\$1,120	
		(16x30) Concrete Beam "BM-11"						
410		3#7	105	Lbs	\$2.5	\$1.5	\$420	
411		#4 Ties	121	Lbs	\$2.5	\$1.5	\$484	

PROJECT ID:



SCOPE: Concrete, Masonry &amp; Structural Steel

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
		(18x24) Beam "BM-12"						
412		2#7	123	Lbs	\$2.5	\$1.5	\$492	
413		#4 Ties	161	Lbs	\$2.5	\$1.5	\$644	
		(8x24) Concrete Beam "BM-13"						
414		2#7	266	Lbs	\$2.5	\$1.5	\$1,064	
415		#4 Ties	374	Lbs	\$2.5	\$1.5	\$1,496	
		(8x24) Concrete Beam "BM-15"						
416		2#7	397	Lbs	\$2.5	\$1.5	\$1,588	
417		#4 Ties	374	Lbs	\$2.5	\$1.5	\$1,496	
		(16x30) Concrete Beam "BM-16"						
418		4#7	637	Lbs	\$2.5	\$1.5	\$2,548	
419		#3 Ties	454	Lbs	\$2.5	\$1.5	\$1,816	
		(8x24) Concrete Beam "BM-80"						
420		2#7	131	Lbs	\$2.5	\$1.5	\$524	
421		#4 Ties	201	Lbs	\$2.5	\$1.5	\$804	
		(16x30) Concrete Beam "BM-78"						
422		5#7	623	Lbs	\$2.5	\$1.5	\$2,492	
423		#4 Ties	401	Lbs	\$2.5	\$1.5	\$1,604	
		(8x24) Concrete Beam "BM-74"						
424		2#7	115	Lbs	\$2.5	\$1.5	\$460	
425		#4 Ties	187	Lbs	\$2.5	\$1.5	\$748	
		(8x24) Concrete Beam "BM-14"						
426		2#7	168	Lbs	\$2.5	\$1.5	\$672	
427		#4 Ties	161	Lbs	\$2.5	\$1.5	\$644	
		(16x30) Concrete Beam "BM-78"						
428		4#7	760	Lbs	\$2.5	\$1.5	\$3,040	
429		#4 Ties	427	Lbs	\$2.5	\$1.5	\$1,708	
		(16x30) Concrete Beam "BM-79"						
430		3#7	454	Lbs	\$2.5	\$1.5	\$1,816	
431		#4 Ties	467	Lbs	\$2.5	\$1.5	\$1,868	
		<b>Third Floor Steel</b>						
432		2#4 Bars	56	Lbs	\$2.5	\$1.5	\$224	
433		#4 x 6'-6" Long Hood Add @ 24" O.C.	1172	Lbs	\$2.5	\$1.5	\$4,688	
434		#4 @ 8" O.C.	288	Lbs	\$2.5	\$1.5	\$1,152	
435		(4#4) Top & Bottom	36	Lbs	\$2.5	\$1.5	\$144	
436		#4 @ 18" O.C. Temperature Bar	112	Lbs	\$2.5	\$1.5	\$448	
437		#4 @ 12" O.C. Top & Bottom	1754	Lbs	\$2.5	\$1.5	\$7,016	
438		#4 @ 12" O.C.	53	Lbs	\$2.5	\$1.5	\$212	
439		#4 @ 6" O.C. Top & Bottom	300	Lbs	\$2.5	\$1.5	\$1,200	
440		#4 @ 24" O.C.	181	Lbs	\$2.5	\$1.5	\$724	
		<b>Level 3 Beam Reinforcement</b>						
441		#5 Bars	2700	Lbs	\$2.5	\$1.5	\$10,800	
442		#7 Bar	20677	Lbs	\$2.5	\$1.5	\$82,708	
443		#4 Ties	5855	Lbs	\$2.5	\$1.5	\$23,420	
		<b>Roof Steel</b>						
444		#4 @ 24" O.C. (6'-6" Long)	656	Lbs	\$2.5	\$1.5	\$2,624	
445		(2) #4 Bars	63	Lbs	\$2.5	\$1.5	\$252	
446		#4 @ 24" O.C.	103	Lbs	\$2.5	\$1.5	\$412	
447		#4 @ 10" O.C. Top & Bottom	338	Lbs	\$2.5	\$1.5	\$1,352	
448		#4 @ 14" O.C.	128	Lbs	\$2.5	\$1.5	\$512	
449		#4 @ 8" O.C.	193	Lbs	\$2.5	\$1.5	\$772	
		<b>Roof Beam Reinforcement</b>						
450		6 Bars	91	Lbs	\$2.5	\$1.5	\$364	
451		#7 Bars	12390	Lbs	\$2.5	\$1.5	\$49,560	
452		#4 Ties	2058	Lbs	\$2.5	\$1.5	\$8,232	
		<b>High Roof Steel</b>						
453		#4 @ 12" O.C. Top & Bottom	233	Lbs	\$2.5	\$1.5	\$932	
454		#4 @ 16" O.C.	508	Lbs	\$2.5	\$1.5	\$2,032	
455		#4 @ 24" O.C. (6'-6" Long)	281	Lbs	\$2.5	\$1.5	\$1,124	
456		#4 @ 14" O.C.	299	Lbs	\$2.5	\$1.5	\$1,196	
457		#4 @ 10" O.C. Top & Bottom	823	Lbs	\$2.5	\$1.5	\$3,292	
		<b>High Roof Beam Reinforcement</b>						
458		(6) #5	355	Lbs	\$2.5	\$1.5	\$1,420	
459		(2) #7	2022	Lbs	\$2.5	\$1.5	\$8,088	
460		#4 Ties	390	Lbs	\$2.5	\$1.5	\$1,560	
		<b>Shear Walls Reinforcement</b>						
		(12") Thick Shear Wall "SW1"						
		Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars						
461		#5	2580	Lbs	\$2.5	\$1.5	\$10,320	
		(12") Thick Shear Wall "SW2"						
		Reinf. W/ #5 @ 12" O.C. Vertical & #5 @ 6" O.C. Horiz. Bars						
462		#5	1660	Lbs	\$2.5	\$1.5	\$6,640	

PROJECT ID:



SCOPE: Concrete, Masonry & Structural Steel

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST	TRADE COST
		(12") Thick Shear Wall "SW3" Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars						
463		#5	2500	Lbs	\$2.5	\$1.5	\$10,000	
		(12") Thick Shear Wall "SW4" Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars						
464		#5	1020	Lbs	\$2.5	\$1.5	\$4,080	
		(12") Thick Shear Wall "SW5" Reinf. W/ #5 @ 12" O.C. Vertical & Horiz. Bars						
465		#5	1942	Lbs	\$2.5	\$1.5	\$7,768	
		(12") Thick Shear Wall "SW6" Reinf. W/ 4#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars						
466		#5	319	Lbs	\$2.5	\$1.5	\$1,276	
467		#6	384	Lbs	\$2.5	\$1.5	\$1,536	
		(12") Thick Shear Wall "SW7" Reinf. W/ 6#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars						
468		#5	532	Lbs	\$2.5	\$1.5	\$2,128	
469		#6	567	Lbs	\$2.5	\$1.5	\$2,268	
		(12") Thick Shear Wall "SW8" Reinf. W/ 6#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars						
470		#5	276	Lbs	\$2.5	\$1.5	\$1,104	
471		#6	567	Lbs	\$2.5	\$1.5	\$2,268	
		(12") Thick Shear Wall "SW9" Reinf. W/ 6#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars						
472		#5 @ 12 EF	206	Lbs	\$2.5	\$1.5	\$824	
473		#6	567	Lbs	\$2.5	\$1.5	\$2,268	
		(12") Thick Shear Wall "SW10" Reinf. W/ 8#6" Equally Spaced Vertical & 5 @ 12" O.C.Horiz. Bars						
474		#5	639	Lbs	\$2.5	\$1.5	\$2,556	
475		#6	732	Lbs	\$2.5	\$1.5	\$2,928	
		<b>Stairs Reinforcement</b>						
		<b>Back Stairs</b>						
		(4'-0") W. Concrete Stairs Reinf. W/						
476		#5 @6 T&B	1498	Lbs	\$2.5	\$1.5	\$5,992	
477		#3 Tie @ 12"	274	Lbs	\$2.5	\$1.5	\$1,096	
478		<b>#4 Nosing</b>	379	Lbs	\$2.5	\$1.5	\$1,516	
		Front Stairs						
479		#4 Nosing Bar	284	Lbs	\$2.5	\$1.5	\$1,136	
480		#3 Nosing Tie @ 12"	186	Lbs	\$2.5	\$1.5	\$744	
481		#5 @ 5" T&B	2332	Lbs	\$2.5	\$1.5	\$9,328	
		<b>Subtotal (Metals)</b>						<b>\$924,251</b>

<b>SUBTOTAL</b>		<b>\$924,251.35</b>
<b>OVERHEAD</b>	15%	<b>\$138,637.70</b>
<b>INSURANCE</b>	3%	<b>\$27,727.54</b>
<b>CONTINGENCY</b>	5%	<b>\$46,212.57</b>
<b>TOTAL BASE BID</b>		<b>\$1,136,829.17</b>

**Note:**