

PROJECT:

ADDRESS:

SCOPE:

TOTAL BID

CONCRETE ESTIMATE


<http://www.estimasters.com>
 (512) 333-1785

SR #	DWG. NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	Labor Cost	Total Labor Cost	Material Cost	Total Material Cost	Total Unit Cost	TOTAL COST
03 00 00 CONCRETE													
BUILDING CONCRETE													
WALL FOUNDATION													
3' wide footing (260.5 LF)													
1	S100		3'-0" wide x 1'-0" deep reinforced concrete Footing	29	10%	32	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	S100		3-15M cont. bar @ bottom	991	10%	1,090	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	S100		20M @ 12" O.C. dowels on both faces	6,994	10%	7,694	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	S100		Formwork	528	10%	581	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2' wide footing (37.3 LF)													
5	S100		2'-0" wide x 1'-0" deep reinforced concrete Footing	3	10%	3	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	S100		3-15M cont. bar @ bottom	152	10%	167	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	S100		20M @ 12" O.C. dowels on both faces	1,064	10%	1,170	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	S100		Formwork	78	10%	86	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ISOLATED COLUMN FOUNDATION													
F-1 (2 Ea.)													
9	S101a		11'-6" x 11'-6" x 4'-0" deep reinforced concrete column isolated footing	7	10%	7	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	S101a		18-25M @ bottom each way	2,782	10%	3,060	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	S101a		4-20M dowels	46	10%	50	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	S101a		Formwork	371	10%	408	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-2 (2 Ea.)													
13	S101a		4'-0" x 4'-0" x 1'-4" deep reinforced concrete column isolated footing	2	10%	2	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	S101a		4-15M @ bottom each way	81	10%	89	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	S101a		4-20M dowels	46	10%	50	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	S101a		Formwork	43	10%	47	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-3 (5 Ea.)													
17	S101a		6'-0" x 6'-0" x 2'-0" deep reinforced concrete column isolated footing	13	10%	15	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	S101a		6-20M @ bottom each way	684	10%	752	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	S101a		4-20M dowels	46	10%	50	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	S101a		Formwork	240	10%	264	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-4 (1 Ea.)													
21	S101a		7'-0" x 8'-6" x 2'-0" deep reinforced concrete column isolated footing	4	10%	5	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	S101a		8-20M @ bottom each way	274	10%	301	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	S101a		4-20M dowels	46	10%	50	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	S101a		Formwork	62	10%	68	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-5 (2 Ea.)													
25	S101a		5'-0" x 6'-0" x 2'-0" deep reinforced concrete column isolated footing	4	10%	5	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	S101a		6-20M @ bottom each way	274	10%	301	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27	S101a		4-20M dowels	46	10%	50	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	S101a		Formwork	88	10%	97	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-6 (2 Ea.)													
29	S101a		7'-0" x 9'-6" x 2'-0" deep reinforced concrete column isolated footing	10	10%	11	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	S101a		6-20M @ bottom each way	1,060	10%	1,166	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	S101a		4-20M dowels	46	10%	50	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	S101a		Formwork	132	10%	145	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-7 (1 Ea.)													
33	S101a		11'-6" x 23'-0" x 4'-0" deep reinforced concrete column isolated footing	39	10%	43	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	S101a		20M @ 12" O.C. T&B EW	2,230	10%	2,453	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	S101a		16-20M dowels	182	10%	201	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	S101a		Formwork	280	10%	308	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-8 (1 Ea.)													
37	S101a		5'-0" x 6'-0" x 2'-0" deep reinforced concrete column isolated footing	2	10%	2	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	S101a		6-15M @ bottom each way	91	10%	100	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	S101a		4-20M dowels	46	10%	50	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	S101a		Formwork	44	10%	48	SFCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F-9 (1 Ea.)													
41	S101a		8'-0" x 8'-0" x 2'-0" deep reinforced concrete column isolated footing	5	10%	5	CY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
42	S101a		8-15M @ bottom each way	162	10%	178	LBs.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

119	S103	W-4: 8" thick concrete 10'-0" wall	7	10%	8	CY	\$	-	\$	-	\$	-	\$	-
120	S103	15M @ 12" O.C. both Horizontal and vertical each face	1,775	10%	1,953	LBs.	\$	-	\$	-	\$	-	\$	-
121	S103	Formwork	600	10%	660	SFCA	\$	-	\$	-	\$	-	\$	-
122	S103	W-12: 14" thick concrete 12'-0" wall	3	10%	3	CY	\$	-	\$	-	\$	-	\$	-
123	S103	20M @ 12" O.C. vertical bars at both faces	293	10%	322	LBs.	\$	-	\$	-	\$	-	\$	-
124	S103	15M @ 16" O.C. horizontal at both faces	182	10%	200	LBs.	\$	-	\$	-	\$	-	\$	-
125	S103	Formwork	120	10%	132	SFCA	\$	-	\$	-	\$	-	\$	-
Third Floor Walls														
126	S104	W-1: 8" thick concrete 10'-0" wall	16	10%	18	CY	\$	-	\$	-	\$	-	\$	-
127	S104	15M @ 12" O.C. both Horizontal and vertical each face	3,813	10%	4,194	LBs.	\$	-	\$	-	\$	-	\$	-
128	S104	Formwork	1,320	10%	1,452	SFCA	\$	-	\$	-	\$	-	\$	-
129	S104	W-2: 8" thick concrete 10'-0" wall	15	10%	16	CY	\$	-	\$	-	\$	-	\$	-
130	S104	15M @ 12" O.C. both Horizontal and vertical each face	3,522	10%	3,874	LBs.	\$	-	\$	-	\$	-	\$	-
131	S104	Formwork	1,200	10%	1,320	SFCA	\$	-	\$	-	\$	-	\$	-
132	S104	W-3: 8" thick concrete 10'-0" wall	1	10%	2	CY	\$	-	\$	-	\$	-	\$	-
133	S104	15M @ 12" O.C. both Horizontal and vertical each face	377	10%	415	LBs.	\$	-	\$	-	\$	-	\$	-
134	S104	Formwork	120	10%	132	SFCA	\$	-	\$	-	\$	-	\$	-
135	S104	W-4: 8" thick concrete 10'-0" wall	6	10%	7	CY	\$	-	\$	-	\$	-	\$	-
136	S104	15M @ 12" O.C. both Horizontal and vertical each face	1,426	10%	1,569	LBs.	\$	-	\$	-	\$	-	\$	-
137	S104	Formwork	480	10%	528	SFCA	\$	-	\$	-	\$	-	\$	-
Fourth Floor Walls														
138	S105	W-1: 8" thick concrete 10'-0" wall	16	10%	18	CY	\$	-	\$	-	\$	-	\$	-
139	S105	15M @ 12" O.C. both Horizontal and vertical each face	3,813	10%	4,194	LBs.	\$	-	\$	-	\$	-	\$	-
140	S105	Formwork	1,320	10%	1,452	SFCA	\$	-	\$	-	\$	-	\$	-
141	S105	W-2: 8" thick concrete 10'-0" wall	15	10%	16	CY	\$	-	\$	-	\$	-	\$	-
142	S105	15M @ 12" O.C. both Horizontal and vertical each face	3,522	10%	3,874	LBs.	\$	-	\$	-	\$	-	\$	-
143	S105	Formwork	1,200	10%	1,320	SFCA	\$	-	\$	-	\$	-	\$	-
144	S105	W-3: 8" thick concrete 10'-0" wall	1	10%	2	CY	\$	-	\$	-	\$	-	\$	-
145	S105	15M @ 12" O.C. both Horizontal and vertical each face	377	10%	415	LBs.	\$	-	\$	-	\$	-	\$	-
146	S105	Formwork	120	10%	132	SFCA	\$	-	\$	-	\$	-	\$	-
147	S105	W-4: 8" thick concrete 10'-0" wall	6	10%	7	CY	\$	-	\$	-	\$	-	\$	-
148	S105	15M @ 12" O.C. both Horizontal and vertical each face	1,426	10%	1,569	LBs.	\$	-	\$	-	\$	-	\$	-
149	S105	Formwork	480	10%	528	SFCA	\$	-	\$	-	\$	-	\$	-
150	S105	W-5: 8" thick concrete 10'-0" wall	1	10%	1	CY	\$	-	\$	-	\$	-	\$	-
151	S105	15M @ 12" O.C. both Horizontal and vertical each face	190	10%	209	LBs.	\$	-	\$	-	\$	-	\$	-
152	S105	Formwork	60	10%	66	SFCA	\$	-	\$	-	\$	-	\$	-
Fifth Floor Walls														
153	S106	W-1: 8" thick concrete 10'-0" wall	18	10%	20	CY	\$	-	\$	-	\$	-	\$	-
154	S106	15M @ 12" O.C. both Horizontal and vertical each face	4,028	10%	4,431	LBs.	\$	-	\$	-	\$	-	\$	-
155	S106	Formwork	1,452	10%	1,597	SFCA	\$	-	\$	-	\$	-	\$	-
156	S106	W-2: 8" thick concrete 10'-0" wall	16	10%	18	CY	\$	-	\$	-	\$	-	\$	-
157	S106	15M @ 12" O.C. both Horizontal and vertical each face	3,719	10%	4,091	LBs.	\$	-	\$	-	\$	-	\$	-
158	S106	Formwork	1,320	10%	1,452	SFCA	\$	-	\$	-	\$	-	\$	-
159	S106	W-3: 8" thick concrete 10'-0" wall	2	10%	2	CY	\$	-	\$	-	\$	-	\$	-
160	S106	15M @ 12" O.C. both Horizontal and vertical each face	493	10%	542	LBs.	\$	-	\$	-	\$	-	\$	-
161	S106	Formwork	132	10%	145	SFCA	\$	-	\$	-	\$	-	\$	-
162	S106	W-4: 8" thick concrete 10'-0" wall	7	10%	7	CY	\$	-	\$	-	\$	-	\$	-
163	S106	15M @ 12" O.C. both Horizontal and vertical each face	1,675	10%	1,843	LBs.	\$	-	\$	-	\$	-	\$	-
164	S106	Formwork	528	10%	581	SFCA	\$	-	\$	-	\$	-	\$	-
165	S106	W-5: 8" thick concrete 10'-0" wall	1	10%	1	CY	\$	-	\$	-	\$	-	\$	-
166	S106	15M @ 12" O.C. both Horizontal and vertical each face	310	10%	341	LBs.	\$	-	\$	-	\$	-	\$	-
167	S106	Formwork	66	10%	73	SFCA	\$	-	\$	-	\$	-	\$	-
Low Roof Walls														
168	S107	W-1: 8" thick concrete 10'-0" wall	23	10%	25	CY	\$	-	\$	-	\$	-	\$	-
169	S107	15M @ 12" O.C. both Horizontal and vertical each face	5,979	10%	6,577	LBs.	\$	-	\$	-	\$	-	\$	-
170	S107	Formwork	1,848	10%	2,033	SFCA	\$	-	\$	-	\$	-	\$	-
171	S107	W-2: 8" thick concrete 10'-0" wall	20	10%	22	CY	\$	-	\$	-	\$	-	\$	-
172	S107	15M @ 12" O.C. both Horizontal and vertical each face	4,368	10%	4,805	LBs.	\$	-	\$	-	\$	-	\$	-
173	S107	Formwork	1,652	10%	1,817	SFCA	\$	-	\$	-	\$	-	\$	-
174	S107	W-3: 8" thick concrete 10'-0" wall	2	10%	3	CY	\$	-	\$	-	\$	-	\$	-
175	S107	15M @ 12" O.C. both Horizontal and vertical each face	549	10%	604	LBs.	\$	-	\$	-	\$	-	\$	-
176	S107	Formwork	196	10%	216	SFCA	\$	-	\$	-	\$	-	\$	-
177	S107	W-4: 8" thick concrete 10'-0" wall	9	10%	10	CY	\$	-	\$	-	\$	-	\$	-
178	S107	15M @ 12" O.C. both Horizontal and vertical each face	1,871	10%	2,058	LBs.	\$	-	\$	-	\$	-	\$	-
179	S107	Formwork	728	10%	801	SFCA	\$	-	\$	-	\$	-	\$	-
180	S107	W-5: 8" thick concrete 10'-0" wall	1	10%	1	CY	\$	-	\$	-	\$	-	\$	-
181	S107	15M @ 12" O.C. both Horizontal and vertical each face	375	10%	413	LBs.	\$	-	\$	-	\$	-	\$	-
182	S107	Formwork	84	10%	92	SFCA	\$	-	\$	-	\$	-	\$	-
Elevator Pit														
Slab														
183	S110	30" thick concrete elevator slab footing	19	10%	21	CY	\$	-	\$	-	\$	-	\$	-
184	S110	20M @ 10" O.C. @ top and bottom both layers	2,963	10%	3,259	LBs.	\$	-	\$	-	\$	-	\$	-
185	S110	Formwork	150	10%	165	SFCA	\$	-	\$	-	\$	-	\$	-
Piers														
Basement														
186	S101a	P-1: 12"x24" Concrete pier (1 Ea.)	0.3	10%	0.3	CY	\$	-	\$	-	\$	-	\$	-
187	S101a	4-15M vertical	20	10%	22	LBs.	\$	-	\$	-	\$	-	\$	-
188	S101a	10M @ 16" O.C. ties	17	10%	19	LBs.	\$	-	\$	-	\$	-	\$	-
189	S101a	Formwork	24	10%	26	SFCA	\$	-	\$	-	\$	-	\$	-
190	S101a	P-2: 18"x20" Concrete pier (4 Ea.)	1	10%	2	CY	\$	-	\$	-	\$	-	\$	-

191	S101a	6-30M vertical	425	10%	468	LBS.	\$	-	\$	-	\$	-
192	S101a	10M @ 10" O.C. ties	101	10%	112	LBS.	\$	-	\$	-	\$	-
193	S101a	Formwork	102	10%	113	SFCA	\$	-	\$	-	\$	-
GRADE BEAM												
Ground Floor												
194	S102	14" x 14" grade beam concrete	1	10%	1	CY	\$	-	\$	-	\$	-
195	S102	3-20M top and bottom	137	10%	150	LBS.	\$	-	\$	-	\$	-
196	S102	10M @ 12" O.C. ties	41	10%	45	LBS.	\$	-	\$	-	\$	-
197	S102	Formwork	29	10%	32	SFCA	\$	-	\$	-	\$	-
Columns												
Basement												
198	S101	C-2: 20"x18" Concrete column (4 Ea.)	4	10%	4	CY	\$	-	\$	-	\$	-
199	S101	6-30M vertical	1,170	10%	1,287	LBS.	\$	-	\$	-	\$	-
200	S101	10M @ 10" O.C. ties	249	10%	274	LBS.	\$	-	\$	-	\$	-
201	S101	Formwork	293	10%	323	SFCA	\$	-	\$	-	\$	-
202	S101	C-2a: 14"x24" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
203	S101	6-30M vertical	292	10%	322	LBS.	\$	-	\$	-	\$	-
204	S101	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
205	S101	Formwork	73	10%	80	SFCA	\$	-	\$	-	\$	-
206	S101	C-3: 12"x24" Concrete column (2 Ea.)	2	10%	2	CY	\$	-	\$	-	\$	-
207	S101	6-30M vertical	585	10%	643	LBS.	\$	-	\$	-	\$	-
208	S101	10M @ 10" O.C. ties	125	10%	137	LBS.	\$	-	\$	-	\$	-
209	S101	Formwork	132	10%	145	SFCA	\$	-	\$	-	\$	-
210	S101	C-16: 20" dia. Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
211	S101	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
212	S101	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
213	S101	Formwork	58	10%	63	SFCA	\$	-	\$	-	\$	-
214	S101	C17: 20"x22" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
215	S101	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
216	S101	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
217	S101	Formwork	77	10%	85	SFCA	\$	-	\$	-	\$	-
218	S101	C-18: 12"x24" Concrete column (2 Ea.)	2	10%	2	CY	\$	-	\$	-	\$	-
219	S101	6-25M vertical	418	10%	460	LBS.	\$	-	\$	-	\$	-
220	S101	10M @ 10" O.C. ties	125	10%	137	LBS.	\$	-	\$	-	\$	-
221	S101	Formwork	132	10%	145	SFCA	\$	-	\$	-	\$	-
222	S101	C-19: 16"x24" Concrete column (2 Ea.)	2	10%	3	CY	\$	-	\$	-	\$	-
223	S101	8-30M vertical	780	10%	858	LBS.	\$	-	\$	-	\$	-
224	S101	10M @ 10" O.C. ties	125	10%	137	LBS.	\$	-	\$	-	\$	-
225	S101	Formwork	154	10%	169	SFCA	\$	-	\$	-	\$	-
226	S101	C-20: 14"x22" Concrete column (8 Ea.)	7	10%	8	CY	\$	-	\$	-	\$	-
227	S101	8-30M vertical	3,120	10%	3,432	LBS.	\$	-	\$	-	\$	-
228	S101	10M @ 10" O.C. ties	499	10%	549	LBS.	\$	-	\$	-	\$	-
229	S101	Formwork	528	10%	581	SFCA	\$	-	\$	-	\$	-
230	S101	C-21: 14"x22" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
231	S101	8-30M vertical	390	10%	429	LBS.	\$	-	\$	-	\$	-
232	S101	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
233	S101	Formwork	66	10%	73	SFCA	\$	-	\$	-	\$	-
234	S101	C-22: 10"x20" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
235	S101	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
236	S101	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
237	S101	Formwork	55	10%	61	SFCA	\$	-	\$	-	\$	-
Ground Floor												
238	S102	C-2a: 14"x24" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
239	S102	6-30M vertical	292	10%	322	LBS.	\$	-	\$	-	\$	-
240	S102	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
241	S102	Formwork	73	10%	80	SFCA	\$	-	\$	-	\$	-
242	S102	C-3: 10"x22" Concrete column (2 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
243	S102	6-30M vertical	585	10%	643	LBS.	\$	-	\$	-	\$	-
244	S102	10M @ 10" O.C. ties	125	10%	137	LBS.	\$	-	\$	-	\$	-
245	S102	Formwork	119	10%	131	SFCA	\$	-	\$	-	\$	-
246	S102	C-18: 10"x22" Concrete column (2 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
247	S102	6-25M vertical	418	10%	460	LBS.	\$	-	\$	-	\$	-
248	S102	10M @ 10" O.C. ties	125	10%	137	LBS.	\$	-	\$	-	\$	-
249	S102	Formwork	119	10%	131	SFCA	\$	-	\$	-	\$	-
250	S102	C-19: 14"x22" Concrete column (2 Ea.)	2	10%	2	CY	\$	-	\$	-	\$	-
251	S102	8-30M vertical	780	10%	858	LBS.	\$	-	\$	-	\$	-
252	S102	10M @ 10" O.C. ties	125	10%	137	LBS.	\$	-	\$	-	\$	-
253	S102	Formwork	132	10%	145	SFCA	\$	-	\$	-	\$	-
254	S102	C-20: 14"x22" Concrete column (8 Ea.)	7	10%	8	CY	\$	-	\$	-	\$	-
255	S102	8-30M vertical	3,120	10%	3,432	LBS.	\$	-	\$	-	\$	-
256	S102	10M @ 10" O.C. ties	499	10%	549	LBS.	\$	-	\$	-	\$	-

257	S102	Formwork	528	10%	581	SFCA	\$	-	\$	-	\$	-
258	S102	C-22: 10"x20" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
259	S102	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
260	S102	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
261	S102	Formwork	55	10%	61	SFCA	\$	-	\$	-	\$	-
Second Floor												
262	S103	C-22: 10"x20" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
263	S103	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
264	S103	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
265	S103	Formwork	55	10%	61	SFCA	\$	-	\$	-	\$	-
Third Floor												
266	S104	C-22: 10"x20" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
267	S104	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
268	S104	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
269	S104	Formwork	55	10%	61	SFCA	\$	-	\$	-	\$	-
Fourth Floor												
270	S105	C-22: 10"x20" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
271	S105	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
272	S105	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
273	S105	Formwork	55	10%	61	SFCA	\$	-	\$	-	\$	-
Fifth Floor												
274	S106	C-22: 10"x20" Concrete column (1 Ea.)	1	10%	1	CY	\$	-	\$	-	\$	-
275	S106	6-25M vertical	209	10%	230	LBS.	\$	-	\$	-	\$	-
276	S106	10M @ 10" O.C. ties	62	10%	69	LBS.	\$	-	\$	-	\$	-
277	S106	Formwork	55	10%	61	SFCA	\$	-	\$	-	\$	-
Concrete Beams												
Second Floor												
278	S103	CB-1: 8" x 16" concrete beam	0.3	10%	0.3	CY	\$	-	\$	-	\$	-
279	S103	2-20M top and bottom bar	61	10%	67	LBS.	\$	-	\$	-	\$	-
280	S103	10M @ 6" O.C. ties	164	10%	180	LBS.	\$	-	\$	-	\$	-
281	S103	Formwork for bottom and sides	29	10%	32	SFCA	\$	-	\$	-	\$	-
282	S103	CB-2: 8" x 16" concrete beam	0.3	10%	0.3	CY	\$	-	\$	-	\$	-
283	S103	2-20M top and bottom bar	63	10%	69	LBS.	\$	-	\$	-	\$	-
284	S103	10M @ 6" O.C. ties	169	10%	186	LBS.	\$	-	\$	-	\$	-
285	S103	Formwork for bottom and sides	30	10%	33	SFCA	\$	-	\$	-	\$	-
286	S103	CB-3: 8" x 12.25" concrete beam	0.5	10%	0.6	CY	\$	-	\$	-	\$	-
287	S103	2-20M top and bottom bar	160	10%	176	LBS.	\$	-	\$	-	\$	-
288	S103	10M @ 6" O.C. ties	339	10%	372	LBS.	\$	-	\$	-	\$	-
289	S103	Formwork for bottom and sides	33	10%	36	SFCA	\$	-	\$	-	\$	-
290	S103	CB-4: 8" x 12.25" concrete beam	0.2	10%	0.2	CY	\$	-	\$	-	\$	-
291	S103	2-20M top and bottom bar	46	10%	50	LBS.	\$	-	\$	-	\$	-
292	S103	10M @ 6" O.C. ties	108	10%	119	LBS.	\$	-	\$	-	\$	-
293	S103	Formwork for bottom and sides	23	10%	26	SFCA	\$	-	\$	-	\$	-
294	S103	CB-5: 8" x 12.25" concrete beam	0.2	10%	0.2	CY	\$	-	\$	-	\$	-
295	S103	2-20M top and bottom bar	46	10%	50	LBS.	\$	-	\$	-	\$	-
296	S103	10M @ 6" O.C. ties	108	10%	119	LBS.	\$	-	\$	-	\$	-
297	S103	Formwork for bottom and sides	23	10%	26	SFCA	\$	-	\$	-	\$	-
298	S103	CB-6: 8" x 12.25" concrete beam	0.2	10%	0.2	CY	\$	-	\$	-	\$	-
299	S103	2-20M top and bottom bar	46	10%	50	LBS.	\$	-	\$	-	\$	-
300	S103	10M @ 6" O.C. ties	108	10%	119	LBS.	\$	-	\$	-	\$	-
301	S103	Formwork for bottom and sides	23	10%	26	SFCA	\$	-	\$	-	\$	-
Third Floor												
302	S104	CB-1: 8" x 16" concrete beam	0.3	10%	0.3	CY	\$	-	\$	-	\$	-
303	S104	2-20M top and bottom bar	61	10%	67	LBS.	\$	-	\$	-	\$	-
304	S104	10M @ 6" O.C. ties	164	10%	180	LBS.	\$	-	\$	-	\$	-
305	S104	Formwork for bottom and sides	29	10%	32	SFCA	\$	-	\$	-	\$	-
306	S104	CB-2: 8" x 16" concrete beam	0.3	10%	0.3	CY	\$	-	\$	-	\$	-
307	S104	2-20M top and bottom bar	63	10%	69	LBS.	\$	-	\$	-	\$	-
308	S104	10M @ 6" O.C. ties	169	10%	186	LBS.	\$	-	\$	-	\$	-
309	S104	Formwork for bottom and sides	30	10%	33	SFCA	\$	-	\$	-	\$	-
310	S104	CB-3: 8" x 12.25" concrete beam	0.1	10%	0.2	CY	\$	-	\$	-	\$	-
311	S104	2-20M top and bottom bar	160	10%	176	LBS.	\$	-	\$	-	\$	-
312	S104	10M @ 6" O.C. ties	339	10%	372	LBS.	\$	-	\$	-	\$	-
313	S104	Formwork for bottom and sides	21	10%	23	SFCA	\$	-	\$	-	\$	-
314	S104	CB-4: 8" x 12.25" concrete beam	0.1	10%	0.1	CY	\$	-	\$	-	\$	-
315	S104	2-20M top and bottom bar	46	10%	50	LBS.	\$	-	\$	-	\$	-
316	S104	10M @ 6" O.C. ties	108	10%	119	LBS.	\$	-	\$	-	\$	-
317	S104	Formwork for bottom and sides	20	10%	22	SFCA	\$	-	\$	-	\$	-
318	S104	CB-5: 8" x 12.25" concrete beam	0.2	10%	0.2	CY	\$	-	\$	-	\$	-
319	S104	2-20M top and bottom bar	54	10%	59	LBS.	\$	-	\$	-	\$	-
320	S104	10M @ 6" O.C. ties	125	10%	137	LBS.	\$	-	\$	-	\$	-
321	S104	Formwork for bottom and sides	21	10%	23	SFCA	\$	-	\$	-	\$	-
Fourth Floor												
322	S105	CB-1: 8" x 16" concrete beam	0.3	10%	0.3	CY	\$	-	\$	-	\$	-
323	S105	2-20M top and bottom bar	61	10%	67	LBS.	\$	-	\$	-	\$	-
324	S105	10M @ 6" O.C. ties	164	10%	180	LBS.	\$	-	\$	-	\$	-
325	S105	Formwork for bottom and sides	29	10%	32	SFCA	\$	-	\$	-	\$	-
326	S105	CB-2: 8" x 16" concrete beam	0.3	10%	0.3	CY	\$	-	\$	-	\$	-
327	S105	2-20M top and bottom bar	63	10%	69	LBS.	\$	-	\$	-	\$	-
328	S105	10M @ 6" O.C. ties	169	10%	186	LBS.	\$	-	\$	-	\$	-

410	S101-S103	10" thick concrete suspended slab (43 CY)	1,256	10%	1,382	SF	\$ -	\$ -	\$ -	\$ -
411	S101-S103	20M @ 10" O.C. both ways top and bottom 15M @ 10" O.C. both ways top and bottom - 1650 lbs./100 SF	20,724	10%	22,796	LBS.	\$ -	\$ -	\$ -	\$ -
412	S101-S103	15M @ 16" O.C. dowels	1,368	10%	1,505	LBS.	\$ -	\$ -	\$ -	\$ -
413	S101-S103	Formwork for bottom and sides	1,556	10%	1,712	SFCA	\$ -	\$ -	\$ -	\$ -
Third Floor										
414	S104	7" thick concrete suspended slab (3 CY)	98	10%	108	SF	\$ -	\$ -	\$ -	\$ -
415	S104	15M @ 10" O.C. both ways top and bottom - 560 lbs./100 SF	549	10%	604	LBS.	\$ -	\$ -	\$ -	\$ -
416	S104	Formwork for bottom and sides	130	10%	143	SFCA	\$ -	\$ -	\$ -	\$ -
Fourth Floor										
417	S105	7" thick concrete suspended slab (3 CY)	98	10%	108	SF	\$ -	\$ -	\$ -	\$ -
418	S105	15M @ 10" O.C. both ways top and bottom - 560 lbs./100 SF	549	10%	604	LBS.	\$ -	\$ -	\$ -	\$ -
419	S105	Formwork for bottom and sides	130	10%	143	SFCA	\$ -	\$ -	\$ -	\$ -
Fifth Floor										
420	S106	7" thick concrete suspended slab (3 CY)	126	10%	139	SF	\$ -	\$ -	\$ -	\$ -
421	S106	15M @ 10" O.C. both ways top and bottom - 560 lbs./100 SF	706	10%	776	LBS.	\$ -	\$ -	\$ -	\$ -
422	S106	Formwork for bottom and sides	130	10%	143	SFCA	\$ -	\$ -	\$ -	\$ -
Low Roof										
423	S107	9" thick concrete suspended slab (4 CY)	138	10%	152	SF	\$ -	\$ -	\$ -	\$ -
424	S107	15M @ 10" O.C. both ways top and bottom - 560 lbs./100 SF	773	10%	850	LBS.	\$ -	\$ -	\$ -	\$ -
425	S107	Formwork for bottom and sides	168	10%	185	SFCA	\$ -	\$ -	\$ -	\$ -
Comslab										
<i>Note: 50% extra concrete SF are added to fill the deck flutes.</i>										
Second Floor										
426	S103	Concrete in 9" comslab	191	10%	210	SF	\$ -	\$ -	\$ -	\$ -
427	S103	152 x 152 MW18.7 x MW18.7 wires mesh	127	10%	140	SF	\$ -	\$ -	\$ -	\$ -
428	S103	Concrete in 12-1/4" comslab	6,305	10%	6,935	SF	\$ -	\$ -	\$ -	\$ -
429	S103	152 x 152 MW18.7 x MW18.7 wires mesh	4,203	10%	4,623	SF	\$ -	\$ -	\$ -	\$ -
430	S103	2-15M Perimeter bars	2,816	10%	3,097	LBS.	\$ -	\$ -	\$ -	\$ -
431	S103	10M bars in flute	874	10%	962	LBS.	\$ -	\$ -	\$ -	\$ -
432	S103	15M bars in flute	889	10%	978	LBS.	\$ -	\$ -	\$ -	\$ -
433	S103	20M bars in flute	275	10%	303	LBS.	\$ -	\$ -	\$ -	\$ -
434	S103	10M @ 6" O.C.	5,645	10%	6,210	LBS.	\$ -	\$ -	\$ -	\$ -
435	S103	10M dowels @ 2'-0" O.C.	359	10%	395	LBS.	\$ -	\$ -	\$ -	\$ -
Third Floor										
436	S104	Concrete in 9" comslab	188	10%	206	SF	\$ -	\$ -	\$ -	\$ -
437	S104	152 x 152 MW18.7 x MW18.7 wires mesh	125	10%	138	SF	\$ -	\$ -	\$ -	\$ -
438	S104	Concrete in 10-1/2" comslab	5,163	10%	5,679	SF	\$ -	\$ -	\$ -	\$ -
439	S104	152 x 152 MW18.7 x MW18.7 wires mesh	3,442	10%	3,786	SF	\$ -	\$ -	\$ -	\$ -
440	S104	2-15M Perimeter bars	2,342	10%	2,576	LBS.	\$ -	\$ -	\$ -	\$ -
441	S104	10M bars in flute	701	10%	771	LBS.	\$ -	\$ -	\$ -	\$ -
442	S104	15M bars in flute	787	10%	866	LBS.	\$ -	\$ -	\$ -	\$ -
443	S104	10M @ 6" O.C.	4,379	10%	4,817	LBS.	\$ -	\$ -	\$ -	\$ -
444	S104	10M dowels @ 2'-0" O.C.	359	10%	395	LBS.	\$ -	\$ -	\$ -	\$ -
Fourth Floor										
445	S105	Concrete in 7-1/2" comslab	50	10%	54	SF	\$ -	\$ -	\$ -	\$ -
446	S105	152 x 152 MW18.7 x MW18.7 wires mesh	33	10%	36	SF	\$ -	\$ -	\$ -	\$ -
447	S105	Concrete in 9" comslab	207	10%	228	SF	\$ -	\$ -	\$ -	\$ -
448	S105	152 x 152 MW18.7 x MW18.7 wires mesh	138	10%	152	SF	\$ -	\$ -	\$ -	\$ -
449	S105	Concrete in 10-1/2" comslab	5,084	10%	5,592	SF	\$ -	\$ -	\$ -	\$ -
450	S105	152 x 152 MW18.7 x MW18.7 wires mesh	3,390	10%	3,729	SF	\$ -	\$ -	\$ -	\$ -
451	S105	2-15M Perimeter bars	2,342	10%	2,576	LBS.	\$ -	\$ -	\$ -	\$ -
452	S105	10M bars in flute	701	10%	771	LBS.	\$ -	\$ -	\$ -	\$ -
453	S105	15M bars in flute	787	10%	866	LBS.	\$ -	\$ -	\$ -	\$ -
454	S105	10M @ 6" O.C.	4,379	10%	4,817	LBS.	\$ -	\$ -	\$ -	\$ -
455	S105	10M dowels @ 2'-0" O.C.	359	10%	395	LBS.	\$ -	\$ -	\$ -	\$ -
Fifth Floor										
456	S106	Concrete in 9" comslab	207	10%	228	SF	\$ -	\$ -	\$ -	\$ -
457	S106	152 x 152 MW18.7 x MW18.7 wires mesh	138	10%	152	SF	\$ -	\$ -	\$ -	\$ -
458	S106	Concrete in 10-1/2" comslab	5,123	10%	5,635	SF	\$ -	\$ -	\$ -	\$ -
459	S106	152 x 152 MW18.7 x MW18.7 wires mesh	3,415	10%	3,757	SF	\$ -	\$ -	\$ -	\$ -
460	S106	2-15M Perimeter bars	2,342	10%	2,576	LBS.	\$ -	\$ -	\$ -	\$ -
461	S106	10M bars in flute	701	10%	771	LBS.	\$ -	\$ -	\$ -	\$ -
462	S106	15M bars in flute	787	10%	866	LBS.	\$ -	\$ -	\$ -	\$ -
463	S106	10M @ 6" O.C.	4,379	10%	4,817	LBS.	\$ -	\$ -	\$ -	\$ -
464	S106	10M dowels @ 2'-0" O.C.	359	10%	395	LBS.	\$ -	\$ -	\$ -	\$ -
Low Roof										
465	S107	Concrete in 9" comslab	194	10%	213	SF	\$ -	\$ -	\$ -	\$ -
466	S107	152 x 152 MW18.7 x MW18.7 wires mesh	129	10%	142	SF	\$ -	\$ -	\$ -	\$ -
467	S107	Concrete in 12" comslab	5,087	10%	5,595	SF	\$ -	\$ -	\$ -	\$ -
468	S107	152 x 152 MW18.7 x MW18.7 wires mesh	3,391	10%	3,730	SF	\$ -	\$ -	\$ -	\$ -
469	S107	2-15M Perimeter bars	2,243	10%	2,468	LBS.	\$ -	\$ -	\$ -	\$ -
470	S107	15M bars in flute	1,545	10%	1,699	LBS.	\$ -	\$ -	\$ -	\$ -
471	S107	25M bars in flute	2,026	10%	2,229	LBS.	\$ -	\$ -	\$ -	\$ -
472	S107	15M @ 6" O.C.	9,419	10%	10,361	LBS.	\$ -	\$ -	\$ -	\$ -
473	S107	10M dowels @ 2'-0" O.C.	296	10%	326	LBS.	\$ -	\$ -	\$ -	\$ -
High Roof										
474	S107	Concrete in 10-1/2" comslab	1,008	10%	1,109	SF	\$ -	\$ -	\$ -	\$ -
475	S107	152 x 152 MW18.7 x MW18.7 wires mesh	672	10%	739	SF	\$ -	\$ -	\$ -	\$ -

476	S107	2-15M Perimeter bars	608	10%	668	LBS.	\$ -	\$ -	\$ -	\$ -	
477	S107	10M bars in flute	206	10%	227	LBS.	\$ -	\$ -	\$ -	\$ -	
478	S107	15M @ 6" O.C.	826	10%	908	LBS.	\$ -	\$ -	\$ -	\$ -	
479	S107	10M dowels @ 2'-0" O.C.	170	10%	187	LBS.	\$ -	\$ -	\$ -	\$ -	
Sub Total										\$ -	
							Total Labor Cost	Total Material Cost			
SUB - TOTAL							\$ -	\$ -	\$ -		
OVERHEAD AND PROFIT									20%	\$ -	
TOTAL BASE BID										\$ -	

- CY Cubic Yard
- CF Cubic Foot
- SF Square Foot
- LF Linear Foot
- EA. Each/Count
- LS Lump Sum
- Loc. Location

14" SOG	
span	65 lf
spacing	0.84 lf
bar length	20 lf
layers	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	5956 LBs.

14" SOG	
span	20 lf
spacing	1.25 lf
bar length	65 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	2798 LBs.

30" elevator slab	
span	21
spacing	0.84
bar length	15
layers	4
20M	1.583
wastage	1.2
Weight	2963

BASEMENT 12'-0" high

W-1 vert.	
span	65.16 lf
spacing	0.84 lf
bar length	12 lf
layers	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	3582 LBs.

Ground 10'-0" high

W-1 vert.	
span	65 lf
spacing	1 lf
bar length	11 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1838 LBs.

Second 12'-0"

W-1 vert.	
span	
spacing	
bar length	
layers	
20M	1.583
wastage	1.2
Weight	#DIV/0!

W-1 hori.	
span	12 lf
spacing	1 lf
bar length	66 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	2172 LBs.

W-1 hori.	
span	11 lf
spacing	1 lf
bar length	65 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1975 LBs.

W-1 hori.	
span	11
spacing	1
bar length	65
layers	2
15M	1.055
wastage	1.2
Weight	1975

W-2 vert.	
span	62.07 lf
spacing	1 lf
bar length	12 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1916 LBs.

W-2 vert.	
span	54 lf
spacing	1 lf
bar length	11 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1532 LBs.

W-2 vert.	
span	60
spacing	1
bar length	11
layers	2
15M	1.055
wastage	1.2
Weight	1699

W-2 Hori.	
span	12 lf

W-2 Hori.	
span	11 lf

W-2 Hori.	
span	11

spacing	1 lf
bar length	63 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	2074 LBs.

spacing	1 lf
bar length	54 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1641 LBs.

spacing	1
bar length	60
layers	2
15M	1.055
wastage	1.2
Weight	1823

W-4 vert.	
span	35 lf
spacing	1 lf
bar length	12 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1094 LBs.

W-4 vert.	
span	30 lf
spacing	1 lf
bar length	11 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	863 LBs.

W-4 vert.	
span	30
spacing	1
bar length	11
layers	2
15M	1.055
wastage	1.2
Weight	863

W-4 Hori.	
span	12 lf
spacing	1 lf
bar length	35 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1152 LBs.

W-4 Hori.	
span	11 lf
spacing	1 lf
bar length	30 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	912 LBs.

W-4 Hori.	
span	11
spacing	1
bar length	30
layers	2
15M	1.055
wastage	1.2
Weight	912

W-5 vert.	
span	3 lf
spacing	0.84 lf
bar length	12 lf
layers	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	208 LBs.

W-5 vert.	
span	3 lf
spacing	1 lf
bar length	11 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	111 LBs.

W-11 vert.	
span	6
spacing	1
bar length	11
layers	2
20M	1.583
wastage	1.2
Weight	293

W-5 hori.	
span	12 lf
spacing	1 lf
bar length	3 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	99 LBs.

W-5 Hori.	
span	11 lf
spacing	1 lf
bar length	3 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	91 LBs.

W-11 hori.	
span	11
spacing	1
bar length	6
layers	2
15M	1.055
wastage	1.2
Weight	182

W-6 vert.	
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W-6 vert.	
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span 23 lf
spacing 1 lf
bar length 12 lf
layers 2 t&b
20M 1.583 lb/ft
wastage 1.2 factor

Weight 1094 LBs.

span 23 lf
spacing 1 lf
bar length 11 lf
layers 2 t&b
20M 1.583 lb/ft
wastage 1.2 factor

Weight 1003 LBs.

W-6 hori.

span 12 lf
spacing 1.34 lf
bar length 23 lf
layers 2 t&b
15M 1.055 lb/ft
wastage 1.2 factor

Weight 580 LBs.

W-6 hori.

span 12 lf
spacing 1.34 lf
bar length 23 lf
layers 2 t&b
15M 1.055 lb/ft
wastage 1.2 factor

Weight 580 LBs.

W-7 vert.

span 82 lf
spacing 0.84 lf
bar length 12 lf
layers 1 t&b
20M 1.583 lb/ft
wastage 1.2 factor

Weight 2248 LBs.

W-7 vert.

span 83 lf
spacing 0.84 lf
bar length 11 lf
layers 1 t&b
20M 1.583 lb/ft
wastage 1.2 factor

Weight 2086 LBs.

W-7 hori.

span 12 lf
spacing 1 lf
bar length 82 lf
layers 1 t&b
15M 1.055 lb/ft
wastage 1.2 factor

Weight 1350 LBs.

W-7 hori.

span 11 lf
spacing 1 lf
bar length 83 lf
layers 1 t&b
15M 1.055 lb/ft
wastage 1.2 factor

Weight 1261 LBs.

W-8 vert.

span 110 lf
spacing 1 lf
bar length 12 lf
layers 2 t&b
20M 1.583 lb/ft
wastage 1.2 factor

Weight 5061 LBs.

W-5 vert.

span 10 lf
spacing 1 lf
bar length 11 lf
layers 2 t&b
15M 1.055 lb/ft
wastage 1.2 factor

Weight 306 LBs.

W-8 hori.	
span	12 lf
spacing	1.34 lf
bar length	110 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	2773 LBs.

W-5 Hori.	
span	11 lf
spacing	1 lf
bar length	10 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	304 LBs.

W-9 vert.	
span	25 lf
spacing	1 lf
bar length	12 lf
layers	1 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	593 LBs.

W-9 hori.	
span	12 lf
spacing	1 lf
bar length	25 lf
layers	3 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	1234 LBs.

W-10 vert.	
span	13 lf
spacing	1 lf
bar length	12 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	425 LBs.

W-10 Hori.	
span	12 lf
spacing	1 lf
bar length	13 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	428 LBs.

W-11 vert.

span	6 lf
spacing	1 lf
bar length	12 lf
layers	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor

Weight 319 LBs.**W-11 hori.**

span	12 lf
spacing	1.34 lf
bar length	6 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor

Weight 151 LBs.

	F-1 (isolated footing)		F-2 (isolated footing)		F-3 (isolated footing)
If	No. of foot	2 ea.	No. of foot	2 ea.	No. of foot
If	No. of bars	18 ea.	No. of bars	4 ea.	No. of bars
If	bar length	12 lf	bar length	4 lf	bar length
t&b	Ways	2 t&b	Ways	2 t&b	Ways
lb/ft	25M	2.683 lb/ft	15M	1.055 lb/ft	20M
factor	wastage	1.2 factor	wastage	1.2 factor	wastage
LBs.	Weight	2782 LBs.	Weight	81 LBs.	Weight

WALL REINFORCEMENT

" high	Third 12'-0" high		Fourth 12'-0" high		Fifth 12'-0" high
	W-1 vert.		W-1 vert.		W-1 vert.
If	span	lf	span	lf	span
If	spacing	lf	spacing	lf	spacing
If	bar length	lf	bar length	lf	bar length
t&b	layers	t&b	layers	t&b	layers
lb/ft	20M	1.583 lb/ft	20M	1.583 lb/ft	20M
factor	wastage	1.2 factor	wastage	1.2 factor	wastage
LBs.	Weight	#DIV/0! LBs.	Weight	#DIV/0! LBs.	Weight

If
If
If
t&b
lb/ft
factor
LBs.

	W-2 vert.	
If	span	6 lf
If	spacing	1 lf
If	bar length	11 lf
t&b	layers	2 t&b
lb/ft	15M	1.055 lb/ft
factor	wastage	1.2 factor
LBs.	Weight	195 LBs.

	W-2 Hori.	
If	span	11 lf

lf	spacing	1 lf
lf	bar length	6 lf
t&b	layers	2 t&b
lb/ft	15M	1.055 lb/ft
factor	wastage	1.2 factor
LBs.	Weight	182 LBs.

	W-4 vert.	
lf	span	24 lf
lf	spacing	1 lf
lf	bar length	11 lf
t&b	layers	2 t&b
lb/ft	15M	1.055 lb/ft
factor	wastage	1.2 factor
LBs.	Weight	696 LBs.

	W-4 Hori.	
lf	span	11 lf
lf	spacing	1 lf
lf	bar length	24 lf
t&b	layers	2 t&b
lb/ft	15M	1.055 lb/ft
factor	wastage	1.2 factor
LBs.	Weight	729 LBs.

lf
lf
lf
t&b
lb/ft
factor
LBs.

lf
lf
lf
t&b
lb/ft
factor
LBs.

ed footing)
5 ea.
6 ea.
6 lf
2 t&b
1.583 lb/ft
1.2 factor
684 LBs.

F-4 (isolated footing)	
No. of foot	1 ea.
No.of bars	8 ea.
bar length	9 lf
Ways	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	274 LBs.

F-5 (isolated footing)	
No. of foot	2 ea.
No.of bars	6 ea.
bar length	6 lf
Ways	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	274 LBs.

12'-0" high	Low Roof 12'-0" high	
	W-1 vert.	
lf	span	65 lf
lf	spacing	1 lf
lf	bar length	14 lf
t&b	layers	2 t&b
1.583 lb/ft	20M	1.583 lb/ft
1.2 factor	wastage	1.2 factor
#DIV/0! LBs.	Weight	3510 LBs.

W-1 hori.	
span	14 lf
spacing	1 lf
bar length	65 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	2469 LBs.

W-2 vert.	
span	59 lf
spacing	1 lf
bar length	14 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	2127 LBs.

W-2 Hori.	
span	14 lf

spacing	1 lf
bar length	59 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	2241 LBs.

W-3 vert.

span	7 lf
spacing	1 lf
bar length	14 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	284 LBs.

W-3 Hori.

span	14 lf
spacing	1 lf
bar length	7 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	266 LBs.

W-4 vert.

span	25 lf
spacing	1 lf
bar length	14 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	922 LBs.

W-4 Hori.

span	14 lf
spacing	1 lf
bar length	25 lf
layers	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	950 LBs.

F-6 (isolated footing)	
No. of foot	2 ea.
No. of bars	17 ea.
bar length	9 lf
Ways	1 t&b
25M	2.683 lb/ft
wastage	1.2 factor
Weight	985 LBs.

F-8 (isolated footing)	
No. of foot	1 ea.
No. of bars	6 ea.
bar length	6 lf
Ways	2 t&b
15M	1.055 lb/ft
wastage	1.2 factor
Weight	91 LBs.

F-9 (isolated footing)	
No. of foot	1
No. of bars	8
bar length	8
Ways	2
15M	1.055
wastage	1.2
Weight	162

F-7 (isolated footing)	
span	23 lf
spacing	1 lf
bar length	12 lf
layers	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	1094 LBs.

Suspended slab/100	
Span	10
spacing	0.84
bar length	10
Ways	4
20M	1.583
wastage	1.2
Weight	981

F-7 (isolated footing)	
span	12 lf
spacing	1 lf
bar length	23 lf
layers	2 t&b
20M	1.583 lb/ft
wastage	1.2 factor
Weight	1136 LBs.

Suspended slab/100	
Span	10
spacing	0.84
bar length	10
Ways	4
15M	1.055
wastage	1.2
Weight	653

Suspended slab/100	
Span	10
spacing	1
bar length	10
Ways	4
15M	1.055
wastage	1.2
Weight	557

)
ea.
ea.
lf
t&b
lb/ft
factor
LBs.

) SF
lf
ft
lf
t&b
lb/ft
factor
LBs.

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t&b
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) SF
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lf
t&b
lb/ft
factor
LBs.