

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
24				3.PRECAST STRUCTURES											
25				4.SMOOTH DOWEL,PT SUPPORT BAR											
26				5.CONCRETE PAVING & CONCRETE SIDEWALK (NO											
27				REINFORCEMENT DETAILS)											
28															
29				INCULSIONS:											
30				1.PILE,PILE CAP,MAT FOOTING,WALL FOOTING,GRADE											
31				BEAM,SLAB ON GRADE,ELEVATED BEAM,ELEVATED SLAB,											
32				CONCRETE WALL,SHEAR WALL,CONCRETE COLUMNS,CMU WALL											
33				SITE WORK											
34															
35				ASSUMPTIONS:											
36															
37				NOTES:											
38				1.REBAR ACCESSORIES AS PER STANDARD PRACTICES											
39															
40				>CONC.PILE											
				CONCRETE PILE											
41	1A					185				1	#11	60-00		#11 VERT	58974
42	1A					185				1	#11	23-00	H	#11 VERT	22607
43	1A					185				6	#5	20-04		6 #5 VERT (2/S4.1)	23541
44	1A					185				30	#3	3-09	L	#3 TIES @10"	7826
45	1A					41				1	#11	60-00		#11 VERT	13070
46	1A					41				1	#11	16-00	H	#11 VERT	3485

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
47	1A					41				6	#5	20-04		6 #5 VERT (2/S4.1)	5217
48	1A					41				30	#3	3-09	L	#3 TIES @10"	1734
49															
50															
51				>PILE CAP				PILE CAP							
52 SEC:6/S4.1															
53	1B					3			2	4	#9	9-05	H	4 #9 LW T&B (PC2)	768
54	1B					3			2	8	#9	5-05	H	8 #9 SW T&B	884
55	1C					3				4	#4	8-06	L	#4 STANDEE	68
56	1B					7			6	5	#9	9-05	H	5 #9 T&B (PC3)	6723
57	1C					7				4	#4	8-06	L	#4 STANDEE	159
58	1B								6	5	#9	9-05	H	5 #9 T&B (PC3A)	960
59	1C									4	#4	8-06	L	#4 STANDEE	23
60	1B					4			6	5	#9	9-05	H	5 #9 T&B (PC3B)	3842
61	1C					4				4	#4	8-06	L	#4 STANDEE	91
62	1B					4			6	5	#9	9-05	H	5 #9 T&B (PC3C)	3842
63	1C					4				4	#4	8-06	L	#4 STANDEE	91
64 SEC:8/S4.1															
65	1B					8			4	9	#9	9-05	H	9 #9 T&B EW (PC4)	9221
66	1C					8				4	#4	8-06	L	#4 STANDEE	182
67 SEC:9/S4.1															
68	1B								2	12	#9	9-05	H	12 #9 SW T&B (PC4A)	768
69	1B								2	10	#9	11-02	H	10 #9 LW T&B	759

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
70	1C									4	#4	8-06	L	#4 STANDEE	23
71 SEC:8/S4.1															
72	1B								4	10	#9	9-05	H	10 #9 T&B EW (PC4B)	1281
73	1C									4	#4	8-06	L	#4 STANDEE	23
74 SEC:10/S4.1															
75	1B					5			4	12	#9	11-02	H	12 #9 EW T&B (PC5)	9112
76	1C					5				4	#4	9-03	L	#4 STANDEE	124
77	1B					3			4	14	#9	11-02	H	14 #9 EW T&B (PC5A)	6378
78	1C					3				4	#4	10-03	L	#4 STANDEE	82
79 CONCRETE COLUMN DWLS															
80	1D					3				8	#7	6-11	H	8-#7 DWLS	339
81	1D									8	#7	6-11	H	8-#7 DWLS	113
82	1D									8	#7	6-11	H	8-#7 DWLS	113
83	1D									8	#7	6-11	H	8-#7 DWLS	113
84	1D									8	#7	6-11	H	8-#7 DWLS	113
85	1D									8	#7	6-11	H	8-#7 DWLS	113
86	1D									8	#7	6-11	H	8-#7 DWLS	113
87	1D									8	#7	6-11	H	8-#7 DWLS	113
88	1D					3				8	#7	6-11	H	8-#7 DWLS	339
89	1D					2				8	#7	6-11	H	8-#7 DWLS	226
90	1D					2				8	#7	6-11	H	8-#7 DWLS	226
91	1D									8	#7	6-11	H	8-#7 DWLS	113
92	1D					2				8	#7	6-11	H	8-#7 DWLS	226

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
93	1D					2				8	#7	6-11	H	8-#7 DWLS	226
94	1D					3				8	#7	6-11	H	8-#7 DWLS	339
95	1D					2				8	#7	6-11	H	8-#7 DWLS	226
96	1D									8	#7	6-11	H	8-#7 DWLS	113
97	1D									8	#7	6-11	H	8-#7 DWLS	113
98	1D					2				8	#7	6-11	H	8-#7 DWLS	226
99	1D									8	#7	6-11	H	8-#7 DWLS	113
100	1D					2				8	#7	6-11	H	8-#7 DWLS	226
101	1D					4				8	#7	6-11	H	8-#7 DWLS	452
102	1D					2				8	#7	6-11	H	8-#7 DWLS	226
103	1D									12	#7	6-11	H	12-#7 DWLS	170
104	1D					2				8	#7	6-11	H	8-#7 DWLS	226
105	1D					2				6	#6	6-05	H	6-#6 VERT	116
106	1D									6	#6	6-05	H	6-#6 VERT	58
107	1D									8	#7	6-11	H	8-#7 DWLS	113
108															
109															
110	>MAT FOOTING			MAT FOOTING											
111 SEC:5/S4.3															
112	1E								2	44	#9	6-04		#9 SW T&B @12"	1895
113	1E								2	7	#9	49-04		#9 LW T&B @12"	2348
114	1C									22	#4	8-06	L	#4 STANDEE	125
115 SEC:1/S4.3															

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
116	1E								2	32	#9	18-04		#9 SW T&B @12"	3989
117	1E								2	20	#9	31-00		#9 LW T&B @12"	4216
118	1C									40	#4	8-06	L	#4 STANDEE	227
119 SEC:2/S4.3															
120	1E								2	21	#9	14-04		#9 SW T&B @12"	2047
121	1E								2	16	#9	19-08		#9 LW T&B @12"	2140
122	1C									20	#4	8-06	L	#4 STANDEE	114
123 SEC:4/S4.3															
124	1E								2	20	#9	6-00		#9 SW T&B @12"	816
125	1E								2	7	#9	19-00		#9 LW T&B @12"	904
126	1C									10	#4	8-06	L	#4 STANDEE	57
127 SHEAR WALL DWL (SOG)															
128	1F									24	#6	6-01	H	12 #6 DWL EF-SW1	219
129	1F									48	#6	6-01	H	24 #6 DWL EF-SW2	439
130	1F									28	#6	6-01	H	28 #6 DWL EF-SW5	256
131	1F									42	#6	6-01	H	21 #6 DWL EF-SW6	384
132	1F									28	#6	6-01	H	28 #6 DWL EF-SW7	256
133	1F									28	#6	6-01	H	28 #6 DWL EF-SW8	256
134	1F									22	#6	6-01	H	11 #6 DWL EF-SW9	201
135	1F									38	#6	6-01	H	19 #6 DWL EF-SW10	347
136	1F									20	#6	6-01	H	10 #6 DWL EF-SW11	183
137 SHEAR WALL DWL (LEVEL 2 SLAB)															
138	1F									18	#6	10-01	H	9 #6 DWL EF-SW3	273

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
139	1F									18	#6	10-01	H	9 #6 DWL EF-SW4	273
140															
141															
142	>WALL FTG			WALL FOOTING											
143 SEC:12/S4.4															
144	1G								2	5	#4	40-00		#4 CONT T&B @12"	267
145	1G								2	40	#4	4-00		#4 SW T&B @12"	214
146	1C									20	#4	4-07	L	#4 STANDEE	61
147	1G								2	3	#4	15-00		#4 CONT T&B @12"	60
148	1G								2	15	#4	2-00		#4 SW T&B @12"	40
149	1C									10	#4	4-07	L	#4 STANDEE	31
150	1G									55	#4	4-08	H	#4 D/V @12"	171
151	1G									4	#4	55-00		#5 HOR @12"	147
152															
153															
154	>GRADE BEAM			GRADE BEAM											
155	1H									5	#9	39-06	H	5 #9 TOP-GB1	671
156	1H									5	#9	37-11	H	5 #9 BOT	645
157	1H								2	1	#4	37-08	H	1 #4 SIDE BAR	50
158	1H									40	#4	19-03	L	#4 @12" STIRR	514
159	1H									5	#9	25-09	H	5 #9 TOP-GB2	438
160	1H									5	#9	150-00		5 #9 TOP	2550
161	1H									5	#9	33-04	H	5 #9 BOT	567

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
162	1H									5	#9	146-00		5 #9 BOT	2482
163	1H								2	1	#4	60-01	H	1 #4 SIDE BAR	80
164	1H								2	1	#4	105-03		1 #4 SIDE BAR	141
165	1H									160	#4	19-03	L	#4 @12" STIRR	2057
166	1H									5	#9	34-04	H	5 #9 TOP-GB1	584
167	1H									5	#9	92-03		5 #9 TOP	1568
168	1H									5	#9	31-07	H	5 #9 BOT	537
169	1H									5	#9	88-10		5 #9 BOT	1510
170	1H								2	1	#4	60-10	H	1 #4 SIDE BAR	81
171	1H								2	1	#4	61-02		1 #4 SIDE BAR	82
172	1H									112	#4	19-03	L	#4 @12" STIRR	1440
173	1H									5	#9	16-10	H	5 #9 TOP-GB12	286
174	1H									5	#9	15-03	H	5 #9 BOT	259
175	1H								2	1	#4	15-00	H	1 #4 SIDE BAR	20
176	1H									20	#4	19-06	L	#4 @12" STIRR	261
177	1H									5	#9	62-00	H	5 #9 TOP-GB9	1054
178	1H									5	#9	33-07		5 #9 TOP	571
179	1H									5	#9	38-03	H	5 #9 BOT	650
180	1H									5	#9	55-08		5 #9 BOT	946
181	1H								2	1	#4	57-02	H	1 #4 SIDE BAR	76
182	1H								2	1	#4	38-07		1 #4 SIDE BAR	52
183	1H									90	#4	19-03	L	#4 @12" STIRR	1157
184	1H									5	#9	41-07	H	5 #9 TOP-GB3	707

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
185	1H									5	#9	40-00	H	5 #9 BOT	680
186	1H								2	1	#4	39-09	H	1 #4 SIDE BAR	53
187	1H									46	#4	19-06	L	#4 @12" STIRR	599
188	1H									4	#9	56-00	H	4 #9 TOP-GB8	762
189	1H									4	#9	54-06	H	4 #9 BOT	741
190	1H								2	1	#4	53-03	H	1 #4 SIDE BAR	71
191	1H									60	#4	19-00	L	#4 @12" STIRR	762
192	1H									4	#9	20-00	H	4 #9 TOP-GB8	272
193	1H									4	#9	18-06	H	4 #9 BOT	252
194	1H								2	1	#4	18-02	H	1 #4 SIDE BAR	24
195	1H									20	#4	19-00	L	#4 @12" STIRR	254
196	1H									5	#9	30-02	H	5 #9 TOP-GB3	513
197	1H									5	#9	28-08	H	5 #9 BOT	487
198	1H								2	1	#4	28-04	H	1 #4 SIDE BAR	38
199	1H									32	#4	19-06	L	#4 @12" STIRR	417
200	1H									5	#9	13-02	H	5 #9 TOP-GB3	224
201	1H									5	#9	11-08	H	5 #9 BOT	198
202	1H								2	1	#4	11-04	H	1 #4 SIDE BAR	15
203	1H									16	#4	19-06	L	#4 @12" STIRR	208
204	1H									5	#9	20-08	H	5 #9 TOP-GB3	351
205	1H									5	#9	18-02	H	5 #9 BOT	309
206	1H								2	1	#4	17-10	H	1 #4 SIDE BAR	24
207	1H									22	#4	19-06	L	#4 @12" STIRR	287

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
208	1H									5	#9	41-00	H	5 #9 TOP-GB3	697
209	1H									5	#9	72-06		5 #9 TOP	1232
210	1H									5	#9	38-02	H	5 #9 BOT	649
211	1H									5	#9	71-03		5 #9 BOT	1211
212	1H								2	1	#4	72-06	H	1 #4 SIDE BAR	97
213	1H								2	1	#4	34-08		1 #4 SIDE BAR	46
214	1H									104	#4	19-06	L	#4 @12" STIRR	1355
215	1H									5	#9	17-06	H	5 #9 TOP-GB3	297
216	1H									5	#9	15-10	H	5 #9 BOT	269
217	1H								2	1	#4	15-07	H	1 #4 SIDE BAR	21
218	1H									20	#4	19-06	L	#4 @12" STIRR	261
219	1H					2				4	#9	52-09	H	4 #9 TOP-GB5	1435
220	1H					2				4	#9	51-02	H	4 #9 BOT	1392
221	1H					2			2	1	#4	50-10	H	1 #4 SIDE BAR	136
222	1H					2				56	#4	19-00	L	#4 @12" STIRR	1422
223	1H									4	#9	23-06	H	4 #9 TOP-GB5	320
224	1H									4	#9	22-00	H	4 #9 BOT	299
225	1H								2	1	#4	21-08	H	1 #4 SIDE BAR	29
226	1H									26	#4	19-00	L	#4 @12" STIRR	330
227	1H									5	#9	45-00	H	5 #9 TOP-GB10	765
228	1H									5	#9	111-02		5 #9 TOP	1890
229	1H									5	#9	39-00	H	5 #9 BOT	663
230	1H									5	#9	111-00		5 #9 BOT	1887

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
231	1H								2	1	#4	80-05	H	1 #4 SIDE BAR	107
232	1H								2	1	#4	70-03		1 #4 SIDE BAR	94
233	1H									142	#4	19-03	L	#4 @12" STIRR	1826
234	1H					4				5	#9	20-00	H	5 #9 TOP-GB11	1360
235	1H					4				5	#9	18-05	H	5 #9 BOT	1252
236	1H					4			2	1	#4	18-03	H	1 #4 SIDE BAR	98
237	1H					4				22	#4	19-03	L	#4 @12" STIRR	1132
238	1H									4	#9	18-06	H	4 #9 TOP-GB4	252
239	1H									4	#9	90-07		4 #9 TOP	1232
240	1H									4	#9	32-00	H	4 #9 BOT	435
241	1H									4	#9	55-06		4 #9 BOT	755
242	1H								2	1	#4	31-00	H	1 #4 SIDE BAR	41
243	1H								2	1	#4	55-06		1 #4 SIDE BAR	74
244	1H									80	#4	19-00	L	#4 @12" STIRR	1015
245	1H									4	#9	28-06	H	4 #9 TOP-GB6	388
246	1H									4	#9	26-11	H	4 #9 BOT	366
247	1H								2	1	#4	25-09	H	1 #4 SIDE BAR	34
248	1H									40	#4	19-00	L	#4 @12" STIRR	508
249	1H									4	#9	16-10	H	4 #9 TOP-GB7	229
250	1H									4	#9	21-02		4 #9 TOP	288
251	1H									4	#9	24-09	H	4 #9 BOT	337
252	1H								2	1	#4	24-06	H	1 #4 SIDE BAR	33
253	1H									32	#4	19-00	L	#4 @12" STIRR	406

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
254	1H									5	#9	8-05	H	5 #9 TOP-GB3	143
255	1H									5	#9	11-04	H	5 #9 BOT	193
256	1H								2	1	#4	10-05	H	1 #4 SIDE BAR	14
257	1H									16	#4	19-06	L	#4 @12" STIRR	208
258 SECTION (6/S4.2)															
259	1H									83	#6	7-00		#6 @12" D/V OF	873
260	1H									83	#4	4-02		#4 @12" D/V IF	231
261	1H									6	#4	86-00		#4 @12" HORZ OF	345
262	1H									3	#4	86-00		#4 @12" HORZ IF	172
263 SECTION (7/S4.2)															
264	1K									90	#6	5-00		#6 @12" DWL OF	676
265	1H									90	#4	2-10		#4 @12" D/V IF	170
266 SECTION (2/S4.2)															
267	1H									74	#6	7-00		#6 @12" D/V OF	778
268	1H									74	#4	2-08		#4 @12" D/V IF	132
269	1H									6	#4	76-00		#4 @12" HORZ OF	305
270	1H									2	#4	76-00		#4 @12" HORZ IF	102
271 SECTION (7/S4.2)															
272	1H									36	#6	5-00		#6 @12" D/V OF	270
273	1H									36	#4	3-04		#4 @12" D/V IF	80
274	1H									6	#4	35-00		#4 @12" HORZ OF	140
275	1H									3	#4	35-00		#4 @12" HORZ IF	70
276 SECTION (3/S4.2)															

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
277	1H								2	24	#6	3-06		#6 @12" D/V EF	252
278	1H								2	2	#4	23-00		#4 @12" HORZ EF	61
279 SECTION (2/S4.2)															
280	1H									64	#6	4-00		#6 @12" D/V OF	385
281	1H									64	#4	3-00		#4 @12" D/V IF	128
282	1H									3	#4	65-00		#4 @12" HORZ OF	130
283	1H									2	#4	65-00		#4 @12" HORZ IF	87
284 SECTION (5/S4.2)															
285	1H									73	#4	3-04		#4 @12" D/V	163
286	1H									3	#4	80-00		#4 @12" HORZ	160
287	1H									2	#4	3-06		#4 CORNER	5
288 SECTION (4/S4.2)															
289	1H								2	151	#4	3-04		#4 @12" D/V EF	672
290	1H								2	3	#4	156-00		#4 @12" HORZ EF	625
291	1H								6	2	#4	4-00	H	#4 CORNER	32
292 SECTION (10/S4.2)															
293	1K									47	#6	5-00		#6 @12" DWL	353
294 SECTION (11/S4.2)															
295	1K									133	#6	5-00		#6 @12" DWL	999
296 CMU DWLS															
297	1L									128	#5	4-00		#5 CMU DWLS	534
298	1L									32	#5	5-00		#5 CMU DWLS	167
299															

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
300															
301				>GRADE BEAM(E)		GRADE BEAM-SLAB DWL EPOXY (6/S4.2)									
302	1J									83	#4	2-06	H	#4 @12" SLAB DWL	139
303 SECTION (8A,8B & 3/S4.2)															
304	1J								2	56	#4	4-00	H	#4 @12" SLAB DWL	299
305															
306															
307				>SOG		SLAB ON GRADE									
308 SEC:6/S4.4															
309	1M								2	1	#4	110-00		#4 CONT T&B	147
310	1M								2	65	#4	6-00	H	#4 DWL @18"	521
311 SEC:7/S4.4															
312	1M									1	#4	55-00		#4 CONT	37
313	1M									38	#4	2-06	H	#4 DWL @18"	63
314 ELEVATOR PIT															
315 SEC:3/S4.3															
316	1N								2	17	#9	9-00		#9 SW T&B @12"	1040
317	1N								2	10	#9	16-00		#9 LW T&B @12"	1088
318	1C									16	#4	8-06	L	#4 STANDEE	91
319 SEC:9/S4.3															
320	1N									36	#4	7-08	H	#4 D/V @12"	184
321	1N									5	#4	35-00		#4 HOR @12"	117
322	1N								4	5	#4	4-00	H	#4 COR BAR	53

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB	
323 SEC:8/S4.4																
324	1M									13	#4	8-06	H	#4 SW @12"	74	
325	1M									7	#4	10-06		#4 LW @12"	49	
326																
327																
				>SOG (E)												SLAB ON GRADE (EPOXY)
329 SEC:3,8A,8B & 9/S4.2																
330	1P									1	#4	60-00		1 #4 CONT	40	
331	1P									60	#4	4-00	H	#4 DWL @12"	160	
332 SEC:6/S4.2																
333	1P									1	#4	110-00		#4 CONT	73	
334	1P									100	#4	2-06	H	#4 DWL @12"	167	
335 SEC:10/S4.4																
336	1P								2	2	#4	35-00		2 #4 CONT T&B	94	
337	1P								2	35	#4	4-00	H	#4 DWL @12"	187	
338	1P									35	#4	2-06	H	#4 DWL @12"	58	
339	1P									35	#4	4-00		#4 DWL @12"	94	
340 SEC:6/S4.3																
341	1P									1	#4	7-08		#4 CONT	5	
342	1P									10	#4	4-00	H	#4 DWL @12"	27	
343																
344																
				>LVL1.5 SL(E)												LEVEL 1.5 GARAGE SLAB (EPOXY)

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
346 8" THICK CONC SLAB															
347	1Q						GRID		2		#5	(450 SqFt)		#5 @ 12" O.C EW T&B	1002
348	1Q									15	#4	4-04	L	#4 STANDEE @ 48" O.C	43
349 3" TOPPING SLAB															
350	1Q									32	#5	5-00		#5 @ 12" O.C BOT	167
351 (REF 14 & 15/S5.6)															
352	1Q									1	#4	120-00		#4 CONT	80
353	1Q									110	#4	4-00	H	#4 DWL @ 12" O.C	294
354															
355															
356 >LVL2 SLAB(E) LEVEL 2 GARAGE SLAB (EPOXY)															
357 MARK-A															
358	1R					10				11	#5	13-00		11-#5 TOP	1491
359	1R					10				10	#5	12-06		10-#5 TOP	1304
360 MARK-B															
361	1R					4				11	#5	11-06		11-#5 TOP	528
362	1R					4				10	#5	20-00		10-#5 TOP	834
363 MARK-C															
364	1R					6				7	#5	20-00		7-#5 TOP	876
365	1R					6				10	#5	12-06		10-#5 TOP	782
366 MARK-D															
367	1R					8				9	#5	12-00		9-#5 TOP	901
368	1R					8				9	#5	3-00		9-#5 TOP	225

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
369 MARK-E															
370	1R									6	#5	21-00		6-#5 TOP	131
371	1R									10	#5	24-00		10-#5 TOP	250
372 MARK-F															
373	1R					4				7	#5	22-06		7-#5 TOP	657
374	1R					4				8	#5	11-00		8-#5 TOP	367
375 MARK-G															
376	1R					2				8	#5	11-00		8-#5 TOP	184
377	1R					2				8	#5	6-00		8-#5 TOP	100
378 MARK-J															
379	1R					5				8	#5	11-00		8-#5 TOP	459
380	1R					5				5	#5	28-00		5-#5 TOP	730
381 MARK-K															
382	1R					3				9	#5	4-00		9-#5 TOP	113
383	1R					3				10	#5	13-06		10-#5 TOP	422
384 MARK-L															
385	1R					3				11	#5	13-00		11-#5 TOP	447
386	1R					3				11	#5	19-00		11-#5 TOP	654
387 MARK-M															
388	1R					3				11	#5	12-00		11-#5 TOP	413
389	1R					3				12	#5	17-06		12-#5 TOP	657
390 MARK-N															
391	1R									6	#5	12-00		6-#5 TOP	75

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
392	1R									9	#5	10-00		9-#5 TOP	94
393	1R									11	#5	35-00		11-#5 ADDL TOP	402
394	1R									6	#5	35-00		6-#5 ADDL TOP	219
395	1R									8	#5	35-00		8-#5 ADDL BOT	292
396	1R									11	#5	35-00		11-#5 ADDL BOT	402
397	1R									6	#5	8-00		6-#5 ADDL TOP	50
398	1R									11	#5	35-00		11-#5 ADDL BOT	402
399 (REF 1/S5.6)															
400	1R					55			2	4	#4	9-00		4-#4 EW	2645
401	1R									2	#5	2080-00		2-#5 SUPPORT BAR	4339
402 (REF 20/S5.6)															
403	1R									1	#4	70-00		#4 CONT	47
404	1R									65	#4	3-00	H	#4 DWL @ 12" O.C	130
405 (REF 1/S5.7)															
406	1R									1	#4	85-00		#4 CONT	57
407	1R									80	#4	3-00	H	#4 DWL @ 12" O.C	160
408 (REF 9/S5.2)															
409	1R									1	#4	17-00		#4 CONT	11
410	1R									20	#4	3-00	H	#4 DWL @ 12" O.C	40
411	1R									1	#4	6350-00		#4 SUPPORT BAR	4242
412 CONCRETE COLUMN DWLS															
413	1D								2	8	#7	4-03	H	8-#7 VERT	139
414	1D								2	8	#7	4-03	H	8-#7 VERT	139

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
415															
416															
417				>LVL3 SLAB(E)										LEVEL 3 GARAGE SLAB (EPOXY)	
418														MARK-A	
419	1S					9				10	#5	13-00		10-#5 TOP	1220
420	1S					9				9	#5	12-06		9-#5 TOP	1056
421														MARK-B	
422	1S					4				8	#5	11-06		8-#5 TOP	384
423	1S					4				9	#5	20-00		9-#5 TOP	751
424														MARK-C	
425	1S					6				6	#5	20-06		6-#5 TOP	770
426	1S					6				9	#5	12-06		9-#5 TOP	704
427														MARK-D	
428	1S					6				9	#5	12-00		9-#5 TOP	676
429	1S					6				9	#5	3-00		9-#5 TOP	169
430														MARK-E	
431	1S									5	#5	21-00		5-#5 TOP	110
432	1S									9	#5	24-00		9-#5 TOP	225
433														MARK-F	
434	1S					4				6	#5	22-06		6-#5 TOP	563
435	1S					4				7	#5	11-00		7-#5 TOP	321
436														MARK-G	
437	1S					2				7	#5	5-00		7-#5 TOP	73

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
438	1S					2				7	#5	6-00		7-#5 TOP	88
439 MARK-J															
440	1S					5				7	#5	11-00		7-#5 TOP	402
441	1S					5				5	#5	26-00		5-#5 TOP	678
442 MARK-K															
443	1S					3				8	#5	3-00		8-#5 TOP	75
444	1S					3				9	#5	13-06		9-#5 TOP	380
445 MARK-L															
446	1S					3				10	#5	13-00		10-#5 TOP	407
447	1S					3				10	#5	19-00		10-#5 TOP	595
448 MARK-M															
449	1S					3				5	#5	10-00		5-#5 TOP	156
450	1S					3				9	#5	17-06		9-#5 TOP	493
451 MARK-N															
452	1S									5	#5	12-00		5-#5 TOP	63
453	1S									4	#5	10-00		4-#5 TOP	42
454	1S									11	#5	38-00		11-#5 ADDL BOT	436
455	1S					2				10	#5	35-00		10-#5 ADDL BOT	730
456	1S					3				7	#5	35-00		7-#5 ADDL BOT	767
457	1S									5	#5	8-00		5-#5 ADDL TOP	42
458	1S									10	#5	35-00		10-#5 ADDL BOT	365
459	1S									7	#5	35-00		7-#5 ADDL BOT	256
460 (REF 1/S5.6)															

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
461	1S					51			2	4	#4	9-00		4-#4 EW	2453
462	1S									2	#5	2235-00		2-#5 SUPPORT BAR	4662
463	1S									1	#4	6250-00		#4 SUPPORT BAR	4175
464															
465															
466				>LVL4 SLAB(E)		LEVEL 4 GARAGE SLAB (EPOXY)									
467 MARK-A															
468	1T					9				10	#5	13-00		10-#5 TOP	1220
469	1T					9				9	#5	12-06		9-#5 TOP	1056
470 MARK-B															
471	1T					4				8	#5	11-06		8-#5 TOP	384
472	1T					4				9	#5	20-00		9-#5 TOP	751
473 MARK-C															
474	1T					6				6	#5	20-06		6-#5 TOP	770
475	1T					6				9	#5	12-06		9-#5 TOP	704
476 MARK-D															
477	1T					6				9	#5	12-00		9-#5 TOP	676
478	1T					6				9	#5	3-00		9-#5 TOP	169
479 MARK-E															
480	1T									5	#5	21-00		5-#5 TOP	110
481	1T									9	#5	24-00		9-#5 TOP	225
482 MARK-F															
483	1T					4				6	#5	22-06		6-#5 TOP	563

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
484	1T					4				7	#5	11-00		7-#5 TOP	321
485 MARK-G															
486	1T					2				7	#5	5-00		7-#5 TOP	73
487	1T					2				7	#5	6-00		7-#5 TOP	88
488 MARK-J															
489	1T					5				7	#5	11-00		7-#5 TOP	402
490	1T					5				5	#5	26-00		5-#5 TOP	678
491 MARK-K															
492	1T					3				8	#5	3-00		8-#5 TOP	75
493	1T					3				9	#5	13-06		9-#5 TOP	380
494 MARK-L															
495	1T					3				10	#5	13-00		10-#5 TOP	407
496	1T					3				10	#5	19-00		10-#5 TOP	595
497 MARK-M															
498	1T					3				5	#5	10-00		5-#5 TOP	156
499	1T					3				9	#5	17-06		9-#5 TOP	493
500 MARK-N															
501	1T									5	#5	12-00		5-#5 TOP	63
502	1T									4	#5	10-00		4-#5 TOP	42
503	1T									11	#5	38-00		11-#5 ADDL BOT	436
504	1T					2				10	#5	35-00		10-#5 ADDL BOT	730
505	1T					3				7	#5	35-00		7-#5 ADDL BOT	767
506	1T									5	#5	8-00		5-#5 ADDL TOP	42

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
507	1T									10	#5	35-00		10-#5 ADDL BOT	365
508	1T									7	#5	35-00		7-#5 ADDL BOT	256
509 (REF 1/S5.6)															
510	1T					51			2	4	#4	9-00		4-#4 EW	2453
511	1T									2	#5	2235-00		2-#5 SUPPORT BAR	4662
512	1T									1	#4	6250-00		#4 SUPPORT BAR	4175
513															
514															
515				>LVL5 SLAB(E)				LEVEL 5 GARAGE SLAB (EPOXY)							
516 MARK-A															
517	1U					4				10	#5	13-00		10-#5 TOP	542
518	1U					4				9	#5	12-06		9-#5 TOP	469
519 MARK-B															
520	1U					2				8	#5	11-06		8-#5 TOP	192
521	1U					2				9	#5	20-00		9-#5 TOP	375
522 MARK-C															
523	1U					3				6	#5	20-06		6-#5 TOP	385
524	1U					3				9	#5	12-06		9-#5 TOP	352
525 MARK-D															
526	1U					4				9	#5	12-00		9-#5 TOP	451
527	1U					4				9	#5	3-00		9-#5 TOP	113
528 MARK-E															
529	1U									5	#5	21-00		5-#5 TOP	110

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
530	1U									9	#5	24-00		9-#5 TOP	225
531 MARK-F															
532	1U					4				6	#5	22-06		6-#5 TOP	563
533	1U					4				7	#5	10-06		7-#5 TOP	307
534 MARK-G															
535	1U					2				7	#5	5-00		7-#5 TOP	73
536	1U					2				7	#5	6-00		7-#5 TOP	88
537 MARK-H															
538	1U									10	#5	7-00		10-#5 TOP	73
539	1U									9	#5	12-06		9-#5 TOP	117
540 MARK-J															
541	1U					2				5	#5	12-00		5-#5 TOP	125
542	1U					2				4	#5	10-00		4-#5 TOP	83
543	1U					3				7	#5	35-00		7-#5 ADDL BOT	767
544	1U									10	#5	35-00		10-#5 ADDL BOT	365
545	1U									6	#5	10-00		6-#5 ADDL BOT	63
546 (REF 1/S5.6)															
547	1U					25			2	4	#4	9-00		4-#4 EW	1202
548	1U									2	#5	900-00		2-#5 SUPPORT BAR	1877
549	1U									1	#4	3250-00		#4 SUPPORT BAR	2171
550															
551															
552	>LVL 6 PTBEAM			LEVEL 6 HOTEL PT BEAM											

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
553 MARK-6PTB1															
554	1V									4	#6	25-06	H	4 #6 TOP	153
555	1V									4	#6	23-06		4 #6 BOT	141
556	1V									4	#6	6-06		4 #6 BOT	39
557	1V									24	#5	6-00	L	#5 @12" STIRR	150
558	1V									4	#6	26-04	H	4 #6 TOP	158
559	1V									4	#6	24-04		4 #6 BOT	146
560	1V									4	#6	6-06		4 #6 BOT	39
561	1V									25	#5	6-00	L	#5 @12" STIRR	156
562 MARK-6PTB2															
563	1V									4	#6	4-00	H	4 #6 TOP-A	24
564	1V									4	#6	22-00		4 #6 TOP-C	132
565	1V									2	#6	33-00	H	2 #6 TOP	99
566	1V									2	#6	56-06		2 #6 TOP	170
567	1V									2	#6	84-00		2 #6 BOT	252
568	1V									4	#6	6-06		4 #6 BOT	39
569	1V									82	#5	5-00	L	#5 @12" STIRR	428
570 MARK-6PTB4															
571	1V									7	#6	4-00	H	7 #6 TOP-A	42
572	1V									7	#6	22-00		7 #6 TOP-B	231
573	1V									2	#6	28-00	H	2 #6 TOP	84
574	1V									2	#6	28-00		2 #6 TOP	84
575	1V									3	#6	47-04		3 #6 BOT-C	213

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
576	1V									5	#6	6-06		5 #6 BOT-D	49
577	1V									58	#5	14-00	L	#5 @10" STIRR	847
578 MARK-6PTB5															
579	1V								2	7	#6	8-00	H	7 #6 TOP-A	168
580	1V									7	#6	21-00		7 #6 TOP-B	221
581	1V									2	#6	22-06	H	2 #6 TOP	68
582	1V									2	#6	51-06		2 #6 TOP	155
583	1V									3	#6	71-00		3 #6 BOT-C	320
584	1V									10	#6	6-06		5 #6 BOT-D	98
585	1V									84	#5	14-00	L	#5 @10" STIRR	1227
586 MARK-6PTB6 & 6PTB7															
587	1V								2	7	#6	5-00	H	7 #6 TOP-A	105
588	1V									7	#6	21-00		7 #6 TOP-B	221
589	1V									2	#6	18-00	H	2 #6 TOP	54
590	1V									2	#6	114-00		2 #6 TOP	342
591	1V									3	#6	126-07		3 #6 BOT-C	570
592	1V								5	5	#6	6-06		5 #6 BOT-D	244
593	1V									144	#5	14-00	L	#5 @10" STIRR	2103
594 MARK-6PTB8 & 6PTB9															
595	1V					2			2	7	#6	5-00	H	7 #6 TOP-A	210
596	1V					2				7	#6	21-00		7 #6 TOP-B	442
597	1V					2				2	#6	18-00	H	2 #6 TOP	108
598	1V					2				2	#6	114-00		2 #6 TOP	685

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
599	1V					2				3	#6	126-07		3 #6 BOT-C	1141
600	1V					2			5	5	#6	6-06		5 #6 BOT-D	488
601	1V					2				144	#5	14-00	L	#5 @10" STIRR	4205
602 MARK-6PTB10 & 6PTB11															
603	1V								2	7	#6	5-00	H	7 #6 TOP-A	105
604	1V									7	#6	21-00		7 #6 TOP-B	221
605	1V									2	#6	18-00	H	2 #6 TOP	54
606	1V									2	#6	50-09		2 #6 TOP	152
607	1V									3	#6	66-06		3 #6 BOT-C	300
608	1V								3	5	#6	6-06		5 #6 BOT-D	146
609	1V									64	#5	14-00	L	#5 @10" STIRR	935
610 MARK-6PTB11 & 6PTB12															
611	1V								2	7	#6	5-00	H	7 #6 TOP-A	105
612	1V									7	#6	21-00		7 #6 TOP-B	221
613	1V									2	#6	28-09	H	2 #6 TOP	86
614	1V									2	#6	26-06		2 #6 TOP	80
615	1V									3	#6	50-00		3 #6 BOT-C	225
616	1V								2	5	#6	6-06		5 #6 BOT-D	98
617	1V									58	#5	14-00	L	#5 @10" STIRR	847
618 MARK-6PTB13 & 6PTB14															
619	1V								2	7	#6	5-00	H	7 #6 TOP-A	105
620	1V									7	#6	21-00		7 #6 TOP-B	221
621	1V									2	#6	18-00	H	2 #6 TOP	54

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
622	1V									2	#6	114-00		2 #6 TOP	342
623	1V									3	#6	126-07		3 #6 BOT-C	570
624	1V								5	5	#6	6-06		5 #6 BOT-D	244
625	1V									144	#5	14-00	L	#5 @10" STIRR	2103
626															
627															
628				>LVL 6 PT SL										LEVEL 6 HOTEL PT SLAB	
629				ONE WAY SLAB											
630	1W					8				20	#6	14-00		20 #6 TOP-A	3364
631	1W					8				30	#6	18-00		30 #6 TOP-B	6489
632	1W									23	#6	23-00		23 #6 TOP-C	795
633	1W					5				8	#6	15-00	H	8 #6 TOP-D	901
634	1W					4				13	#6	24-00	H	13 #6 TOP-E	1874
635	1W					2				10	#6	6-00	H	10 #6 TOP-F	180
636	1W					6				15	#6	23-00		15 #6 TOP-G	3109
637	1W					1				11	#6	28-00	H	11 #6 TOP-H	463
638	1W					2				3	#6	9-00	H	3 #6 TOP-J	81
639	1W					3				14	#6	23-00		14 #6 TOP-K	1451
640	1W					1				5	#6	12-00		5 #6 TOP-L	90
641				(SEC 1/S5.6)											
642	1W					22				8	#4	9-00		4 #4 EW BOT	1058
643	1W									2	#5	1525-00		2 #5 SUPPORT	3181
644	1W					16				4	#6	19-00		4 #6 ADDL BOT	1826

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
645	1W									17	#6	25-00		17 #6 ADDL BOT	638
646	1W					7				8	#6	14-00		8 #6 ADDL BOT	1178
647	1W					2				5	#6	190-00		5 #6 BOT CONT	2854
648	1W					2				13	#6	14-00		13 #6 BOT	547
649	1W									6	#6	190-00		6 #6 BOT CONT	1712
650	1W									5	#6	120-00		5 #6 BOT CONT	901
651	1W					4				12	#6	23-00		12 #6 TOP	1658
652	1W					4				6	#6	15-00		6 #6 BOT	541
653	1W					14				15	#6	14-00		15 #6 BOT	4416
654	1W									9	#6	190-00		9 #6 TOP	2568
655	1W									4	#6	190-00		4 #6 BOT	1142
656	1W									6	#6	190-00		6 #6 BOT	1712
657	1W									6	#6	30-00		6 #6 TOP	270
658	1W									6	#6	135-00		6 #6 BOT CONT	1217
659	1W									3	#6	135-00		3 #6 TOP CONT	608
660	(SEC 5/S5.7)														
661	1W									2	#4	1075-00		1 #4 CONT T&B	1436
662	1W									700	#4	2-06	H	#4 @18" ADDL	1169
663	1W									1	#4	3850-00		#4 SUPPORT BAR	2572
664															
665															
666	>LVL 6 PTSL(E)			LEVEL 6 HOTEL PT SLAB (EPOXY)											
667	(SEC 6/S5.7)														

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
668	1X									1	#4	214-00		1 #4 CONT	143
669	1X									208	#4	3-06	H	#4 @12" DWL	486
670															
671															
672	>CONC.WALL			CONCRETE WALL											
673 SECTION (7/S4.2)															
674	1Y									90	#6	6-06		#6 @12" VERT OF	879
675	1Y									7	#4	92-00		#4 @12" HORZ OF	430
676	1Y									2	#4	92-00		#4 @12" HORZ IF	123
677	1Y								3	2	#4	6-00	H	#4 CORNER	24
678 SECTION (10/S4.2)															
679	1Y									47	#6	6-06		#6 @12" VERT	459
680	1Y									7	#4	46-00		#4 @12" HORZ	215
681	1Y									2	#4	3-06	H	#4 CORNER	5
682 SECTION (11/S4.2)															
683	1Y									133	#6	12-06		#6 @12" VERT	2497
684	1Y									13	#4	140-00		#4 @12" HORZ	1216
685	1Y								7	2	#4	6-00	H	#4 CORNER	56
686															
687															
688	>SHEAR WALL			SHEAR WALL											
689 MARK-SW1-LOOKING NORTH															
690	1Z									24	#6	29-04		12 #6 VERT EF	1057

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
691	1Z									56	#4	16-04		#4 @12" HOR EF	611
692	1Z									28	#3	4-00	L	#3 HAIRPIN	42
693 MARK-SW2-LOOKING EAST															
694	1Z									48	#6	81-04		24 #6 VERT EF	5864
695	1Z									140	#4	35-04		#4 @12" HOR EF	3304
696	1Z									70	#3	4-00	L	#3 HAIRPIN	105
697	1Z									34	#6	61-09		17 #6 VERT EF	3153
698	1Z									104	#4	24-00		#4 @12" HOR EF	1667
699 MARK-SW3-LOOKING SOUTH															
700	1Z									18	#6	110-10		9 #6 VERT EF	2996
701	1Z									92	#4	11-06		#4 @12" HOR EF	707
702	1Z									46	#3	4-00	L	#3 HAIRPIN	69
703	1Z									80	#4	11-06		#4 @12" HOR EF	615
704	1Z					5				6	#4	7-08		3 #4 T&B-CLB1	154
705	1Z					5				4	#4	7-08		2 #4 MID EF	102
706	1Z					5				8	#3	7-00	L	#3 @8" STIRR	105
707	1Z					5				8	#4	8-00		2 #4 DIAG EF	214
708 MARK-SW4-LOOKING NORTH															
709	1Z									18	#6	115-06		9 #6 VERT EF	3123
710	1Z									194	#4	11-04		#4 @12" VERT EF	1469
711 MARK-SW5-LOOKING EAST															
712	1Z									28	#6	79-04		14 #6 VERT EF	3336
713	1Z									24	#6	61-09		12 #6 VERT EF	2226

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
714	1Z									238	#4	9-05		#4 @12" HOR EF	1497
715	1Z					4				238	#4	4-00	H	#4 CORNER	2544
716 MARK-SW6-LOOKING SOUTH															
717	1Z									42	#6	145-04		21 #6 VERT EF	9168
718	1Z									102	#4	19-06		#4 @12" HOR EF	1329
719	1Z									146	#4	19-06		#4 @12" HOR EF	1902
720	1Z					4				6	#4	8-00		3 #4 T&B-CLB2	128
721	1Z					4				4	#4	8-00		2 #4 MID EF	86
722	1Z					4				8	#3	7-00	L	#3 @8" STIRR	84
723	1Z					4				8	#4	8-09		2 #4 DIAG EF	187
724	1Z					6				4	#6	9-04		2 #6 OPNG VERT ES	336
725	1Z					6				2	#4	8-00		2 #5 OPNG HOR	64
726	1Z					6				4	#5	4-00		2 #5 DIAG ES	100
727 MARK-SW7-LOOKING WEST															
728	1Z									28	#6	79-04		14 #6 VERT EF	3336
729	1Z									24	#6	66-01		12 #6 VERT EF	2382
730	1Z									134	#4	9-05		#4 @12" HOR EF	843
731	1Z									112	#4	8-03		#4 @12" HOR EF	617
732 MARK-SW8-LOOKING NORTH															
733	1Z									28	#6	77-03		14 #6 VERT EF	3249
734	1Z									136	#4	19-08		#4 @12" HOR EF	1787
735	1Z					2				4	#6	9-04		2 #6 OPNG VERT ES	112
736	1Z					2				2	#4	8-00		2 #5 OPNG HOR	21

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
737	1Z					2				4	#5	4-00		2 #5 DIAG ES	33
738 MARK-SW9-LOOKING EAST															
739	1Z									22	#6	128-08		11 #6 VERT EF	4252
740	1Z									128	#4	11-08		#4 @12" HOR EF	998
741	1Z									72	#4	11-08		#4 @12" HOR EF	561
742	1Z					5				6	#4	7-04		3 #4 T&B-CLB1	147
743	1Z					5				4	#4	7-04		2 #4 MID EF	98
744	1Z					5				8	#3	7-00	L	#3 @8" STIRR	105
745	1Z					5				8	#4	8-00		2 #4 DIAG EF	214
746 MARK-SW10-LOOKING SOUTH															
747	1Z									38	#6	135-06		19 #6 VERT EF	7734
748	1Z									230	#4	24-00		#4 @12" HOR EF	3687
749 MARK-SW11-LOOKING WEST															
750	1Z									20	#6	135-06		10 #6 VERT EF	4070
751	1Z									230	#4	11-08		#4 @12" HOR EF	1792
752	1Z									4	#6	9-09		2 #6 OPNG VERT ES	59
753	1Z									4	#4	7-08		2 #5 OPNG HOR	20
754	1Z									4	#5	4-00		2 #5 DIAG ES	17
755															
756															
757 >SHEAR WALL(E) SHEAR WALL (EPOXY)															
758 (SEC 9/S5.2)															
759	2A									34	#4	4-00	H	#4 @12" DWL EF	91

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
760															
761															
762				>CONC.COLUMN			CONCRETE COLUMN								
763	GROUP - A														
764	MARK - C-6,D-6 & E-5														
765	2B					3				8	#7	21-03	H	8-#7 VERT	1042
766	2B					3			3	8	#7	13-11	H	8-#7 VERT	2048
767	2B					3				8	#7	11-10	H	8-#7 VERT	580
768	2B					3				54	#4	10-00	L	#4 @14" O.C TIES	1082
769	MARK - E-2														
770	2B									8	#7	24-09	H	8-#7 VERT	405
771	2B								3	8	#7	13-11	H	8-#7 VERT	683
772	2B									8	#7	11-10	H	8-#7 VERT	193
773	2B									54	#4	10-00	L	#4 @14" O.C TIES	361
774	MARK - F-2														
775	2B									8	#7	25-09	H	8-#7 VERT	421
776	2B								3	8	#7	13-11	H	8-#7 VERT	683
777	2B									8	#7	11-10	H	8-#7 VERT	193
778	2B									54	#4	10-00	L	#4 @14" O.C TIES	361
779	MARK - F-3														
780	2B									8	#7	26-09	H	8-#7 VERT	437
781	2B								3	8	#7	13-11	H	8-#7 VERT	683
782	2B									8	#7	11-10	H	8-#7 VERT	193

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
783	2B									54	#4	10-00	L	#4 @14" O.C TIES	361
784 MARK - F-4															
785	2B									8	#7	25-03	H	8-#7 VERT	413
786	2B								3	8	#7	13-11	H	8-#7 VERT	683
787	2B									8	#7	11-10	H	8-#7 VERT	193
788	2B									54	#4	10-00	L	#4 @14" O.C TIES	361
789 MARK - F-5															
790	2B									8	#7	24-03	H	8-#7 VERT	397
791	2B								3	8	#7	13-11	H	8-#7 VERT	683
792	2B									8	#7	11-10	H	8-#7 VERT	193
793	2B									54	#4	10-00	L	#4 @14" O.C TIES	361
794 MARK - F-6															
795	2B									8	#7	23-03	H	8-#7 VERT	380
796	2B								3	8	#7	13-11	H	8-#7 VERT	683
797	2B									8	#7	11-10	H	8-#7 VERT	193
798	2B									54	#4	10-00	L	#4 @14" O.C TIES	361
799 MARK - E-7															
800	2B									8	#7	21-09	H	8-#7 VERT	356
801	2B								3	8	#7	13-11	H	8-#7 VERT	683
802	2B									8	#7	11-10	H	8-#7 VERT	193
803	2B									54	#4	10-00	L	#4 @14" O.C TIES	361
804 GROUP - B															
805 MARK - C-3,C-4 & D-2															

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
806	2B					3				8	#7	23-03	H	8-#7 VERT	1141
807	2B					3			3	8	#7	13-11	H	8-#7 VERT	2048
808	2B					3				8	#7	11-10	H	8-#7 VERT	580
809	2B					3				54	#4	10-00	L	#4 @14" O.C TIES	1082
810 MARK - C-4 & D-5															
811	2B					2				8	#7	21-03	H	8-#7 VERT	695
812	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365
813	2B					2				8	#7	11-10	H	8-#7 VERT	387
814	2B					2				54	#4	10-00	L	#4 @14" O.C TIES	721
815 GROUP - C															
816 MARK - C-7 & D-7															
817	2B					2				8	#7	21-03	H	8-#7 VERT	695
818	2B					2				15	#4	5-09	L	#4 @14" O.C TIES	115
819	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365
820	2B					2				8	#7	11-10	H	8-#7 VERT	387
821	2B					2				40	#4	10-00	L	#4 @14" O.C TIES	534
822 MARK - F-7															
823	2B									8	#7	23-03	H	8-#7 VERT	380
824	2B									15	#4	5-09	L	#4 @14" O.C TIES	58
825	2B								3	8	#7	13-11	H	8-#7 VERT	683
826	2B									8	#7	11-10	H	8-#7 VERT	193
827	2B									40	#4	10-00	L	#4 @14" O.C TIES	267
828 MARK - E-3 & E-4															

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
829	2B					2				8	#7	25-03	H	8-#7 VERT	826
830	2B					2				15	#4	5-09	L	#4 @14" O.C TIES	115
831	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365
832	2B					2				8	#7	11-10	H	8-#7 VERT	387
833	2B					2				40	#4	10-00	L	#4 @14" O.C TIES	534
834 GROUP - D															
835 MARK - D-3 & D-4															
836	2B					2				8	#7	25-03	H	8-#7 VERT	826
837	2B					2				15	#4	5-09	L	#4 @14" O.C TIES	115
838	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365
839	2B					2				8	#7	11-10	H	8-#7 VERT	387
840	2B					2				40	#4	10-00	L	#4 @14" O.C TIES	534
841 GROUP - E															
842 MARK - B-6,C-7.8 & D-7															
843	2B					3				8	#7	21-03	H	8-#7 VERT	1042
844	2B					3			3	8	#7	13-11	H	8-#7 VERT	2048
845	2B					3				8	#7	11-10	H	8-#7 VERT	580
846	2B					3				64	#4	8-00	L	#4 @12" O.C TIES	1026
847 MARK - D.8-8 & E.7-8															
848	2B					2				8	#7	22-03	H	8-#7 VERT	728
849	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365
850	2B					2				8	#7	11-10	H	8-#7 VERT	387
851	2B					2				64	#4	8-00	L	#4 @12" O.C TIES	684

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
852 MARK - H-6.7															
853	2B									8	#7	23-03	H	8-#7 VERT	380
854	2B								3	8	#7	13-11	H	8-#7 VERT	683
855	2B									8	#7	11-10	H	8-#7 VERT	193
856	2B									64	#4	8-00	L	#4 @12" O.C TIES	342
857 MARK - E-2															
858	2B									8	#7	23-09	H	8-#7 VERT	388
859	2B								3	8	#7	13-11	H	8-#7 VERT	683
860	2B									8	#7	11-10	H	8-#7 VERT	193
861	2B									64	#4	8-00	L	#4 @12" O.C TIES	342
862 MARK - H-5.2 & H-5.9															
863	2B					2				8	#7	24-03	H	8-#7 VERT	793
864	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365
865	2B					2				8	#7	11-10	H	8-#7 VERT	387
866	2B					2				64	#4	8-00	L	#4 @12" O.C TIES	684
867 MARK - H-4.2															
868	2B									8	#7	25-03	H	8-#7 VERT	413
869	2B								3	8	#7	13-11	H	8-#7 VERT	683
870	2B									8	#7	11-10	H	8-#7 VERT	193
871	2B									64	#4	8-00	L	#4 @12" O.C TIES	342
872 MARK - G-2.5 & G-3.4															
873	2B					2				8	#7	25-09	H	8-#7 VERT	842
874	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
875	2B					2				8	#7	11-10	H	8-#7 VERT	387
876	2B					2				64	#4	8-00	L	#4 @12" O.C TIES	684
877 GROUP - F															
878 MARK - B-1,B-2.3,B-4 & B-5															
879	2B					4				8	#7	21-03	H	8-#7 VERT	1390
880	2B					4			3	8	#7	13-11	H	8-#7 VERT	2731
881	2B					4				8	#7	11-10	H	8-#7 VERT	774
882	2B					4				64	#4	8-00	L	#4 @12" O.C TIES	1368
883 MARK - B-3 & D-1															
884	2B					2				8	#7	23-03	H	8-#7 VERT	760
885	2B					2			3	8	#7	13-11	H	8-#7 VERT	1365
886	2B					2				8	#7	11-10	H	8-#7 VERT	387
887	2B					2				64	#4	8-00	L	#4 @12" O.C TIES	684
888 GROUP - H															
889 MARK - H-8															
890	2B									12	#7	23-03	H	12-#7 VERT	570
891	2B								3	12	#7	13-11	H	12-#7 VERT	1024
892	2B									12	#7	11-10	H	12-#7 VERT	290
893	2B									64	#4	14-00	L	#4 @12" O.C TIES	599
894 GROUP - I															
895 MARK - E.7-2.4 & F.8-2.4															
896	2B					2				8	#7	25-09	H	8-#7 VERT	842
897	2B					2				8	#7	12-02	H	8-#7 VERT	398

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
898	2B					2				30	#4	14-10	L	#4 @12" O.C TIES	595
899 GROUP - J															
900 MARK - A-5.5 & C-5.5															
901	2B					2				6	#6	21-03	H	6-#6 VERT	383
902	2B					2				6	#6	11-08	H	6-#6 VERT	210
903	2B					2				44	#4	5-04	L	#4 @8" O.C TIES	314
904 MARK - C.5-4															
905	2B									6	#6	23-08	H	6-#6 VERT	213
906	2B									6	#6	11-08	H	6-#6 VERT	105
907	2B									44	#4	5-04	L	#4 @8" O.C TIES	157
908 GROUP - K															
909 MARK - B.7-1.7															
910	2B									8	#7	21-03	H	8-#7 VERT	347
911	2B									8	#7	13-11	H	8-#7 VERT	228
912	2B									8	#7	11-10	H	8-#7 VERT	193
913	2B									36	#4	10-00	L	#4 @14" O.C TIES	240
914 GROUP - L															
915 MARK - D.5-3															
916	2B							2		8	#7	13-11	H	8-#7 VERT	455
917	2B									8	#7	11-10	H	8-#7 VERT	193
918	2B									30	#4	10-00	L	#4 @14" O.C TIES	200
919 GROUP - M															
920 MARK - D.5-5.6															

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
921	2B								2	8	#7	13-11	H	8-#7 VERT	455
922	2B									8	#7	11-10	H	8-#7 VERT	193
923	2B									30	#4	10-00	L	#4 @14" O.C TIES	200
924															
925															
926				>CMU WALL			CMU WALL								
927 8" THICK CMU WALL															
928 SEC (10/S4.2)															
929	2C									26	#5	24-06		#5 @32" O.C VERT	664
930	2C									3	#5	24-06		#5 COR VERT	77
931	2C									2	#5	24-06		#5 END BAR	51
932	2C								3	2	#5	76-00		#5 CONT BB	476
933	2C								3	2	#5	5-00	H	#5 COR @BB	31
934 SEC (11/S4.2)															
935	2C									18	#5	11-06		#5 @32" O.C VERT	216
936	2C									2	#5	11-06		#5 END BAR	24
937	2C								2	2	#5	42-00		#5 CONT BB	175
938 SEC (4/S4.2)															
939	2C									58	#5	42-08		#5 @32" O.C VERT	2581
940	2C									3	#5	42-08		#5 COR VERT	134
941	2C									12	#5	42-08		#5 OPNG ADDL	534
942	2C									4	#5	42-08		#5 END BAR	178
943	2C								5	2	#5	142-00		#5 CONT BB	1481

** ESTIMATING BAR LIST **

LINE	F	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
944	2C								5	2	#5	5-00	H	#5 COR @BB	52
945 8" THICK SCREEN WALL															
946 SEC (12/S4.4)															
947	2C									32	#5	10-06		#5 @24" O.C VERT	350
948	2C								2	2	#5	68-00		#5 CONT BB	284
949															
950															
951 SITE WORK SITE WORK															
952 >GENERATOR PA GENERATOR PAD (31/C6.1)															
953 TRENCH BEAM															
954	2D									2	#5	64-00		2 #5 BOT	134
955	2D									46	#4	6-00	L	#4 @16" STIRR	184
956 8" CONCRETE SLAB = 146 SQ.FT															
957	2D									6	#5	19-00		5# @16" LW	119
958	2D									15	#5	7-08		#5 @16" SW	120
959															
960 >TRANSFOR.PAD TRANSFORMER PAD (33/C6.1)															
961	2E									3	#4	8-00		3 #4 LW	16
962	2E									2	#4	6-06		2 #4 SW	9
963	2E									2	#4	4-01		2 #4 SW	5
964	2E								4	1	#4	4-00		#4 DIAG	11
965															
966 >LIGHT POLE LIGHT POLE (34/C6.1)															

** TOTALS PAGE (LBS) **

BASE SIZE	STRUCTURE TOTAL		----- STRAIGHT -----		LIGHT BENT -----		HEAVY BENT -----		STOCK/MILL -----	
	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	10,070			100	10,070				
#4 Gr 60	100	103,831	59	61,069	33	34,179	8	8,276		307
#5 Gr 60	100	116,101	86	99,430	11	13,001		83	3	3,587
#6 Gr 60	100	122,695	92	113,242			8	9,453		
#7 Gr 60	100	60,686					100	60,686		
#9 Gr 60	100	106,071	36	38,605			64	67,466		
#11 Gr 60	100	98,136					27	26,092	73	72,044
Average Lbs per Linear Feet = 1.3586 Average Rebar Size = 6.83										
Total 308.8 Tons	100	617,590	51	312,346	9	57,250	28	172,056	12	75,938

** TOTALS PAGE (LBS) **

BASE >CONC.PILE										
---- SubStructure ----			----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	9,560			100	9,560				
#5 Gr 60	100	28,758	100	28,758						
#11 Gr 60	100	98,136					27	26,092	73	72,044
Average Lbs per Linear Feet = 1.9093					Average Rebar Size = 9.18					
Total 68.3 Tons	100	136,454	21	28,758	7	9,560	19	26,092	53	72,044

BASE >PILE CAP										
---- SubStructure ----			----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	866			100	866				
#6 Gr 60	100	174					100	174		
#7 Gr 60	100	5,029					100	5,029		
#9 Gr 60	100	44,538					100	44,538		
Average Lbs per Linear Feet = 2.9818					Average Rebar Size = 8.71					
Total 25.4 Tons	100	50,607			2	866	98	49,741		

** TOTALS PAGE (LBS) **

BASE
>MAT FOOTING ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	523			100	523				
#6 Gr 60	100	3,087					100	3,087		
#9 Gr 60	100	18,355	100	18,355						
Average Lbs per Linear Feet = 2.6667					Average Rebar Size = 8.46					
Total 11.0 Tons	100	21,965	84	18,355	2	523	14	3,087		

BASE
>WALL FTG ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	991	47	461	9	92	17	171	27	267
Average Lbs per Linear Feet = .6680					Average Rebar Size = 4.00					
Total .5 Tons	100	991	47	461	9	92	17	171	27	267

** TOTALS PAGE (LBS) **

BASE										
>GRADE BEAM ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----										
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	21,860	20	4,267	75	16,419	5	1,174		
#5 Gr 60	100	701	100	701						
#6 Gr 60	100	4,586	100	4,586						
#9 Gr 60	100	41,050	44	18,122			56	22,928		
Average Lbs per Linear Feet = 1.4054					Average Rebar Size = 7.15					
Total 34.1 Tons	100	68,197	41	27,676	24	16,419	35	24,102		

BASE										
>GRADE BEAM(E ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----										
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	438					100	438		
Average Lbs per Linear Feet = .6680					Average Rebar Size = 4.00					
Total .3 Tons	100	438					100	438		

** TOTALS PAGE (LBS) **

BASE >SOG	---- SubStructure ----		----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----		
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight	
#4 Gr 60	100	1,336	26	350	7	91	67	895			
#9 Gr 60	100	2,128	100	2,128							
Average Lbs per Linear Feet = 1.3192					Average Rebar Size = 7.07						
Total 1.8 Tons	100	3,464	72	2,478	3	91	26	895			

BASE >SOG (E)	---- SubStructure ----		----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----		
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight	
#4 Gr 60	100	905	29	266			66	599	4	40	
Average Lbs per Linear Feet = .6680					Average Rebar Size = 4.00						
Total .5 Tons	100	905	29	266			66	599	4	40	

** TOTALS PAGE (LBS) **

BASE
>LVL1.5 SL(E) ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	417	19	80	10	43	71	294		
#5 Gr 60	100	1,169	100	1,169						
Average Lbs per Linear Feet = .9089					Average Rebar Size = 4.74					
Total .8 Tons	100	1,586	79	1,249	3	43	19	294		

BASE
>LVL2 SLAB(E) ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	7,332	95	7,002			5	330		
#5 Gr 60	100	18,800	91	17,090					9	1,710
#7 Gr 60	100	278					100	278		
Average Lbs per Linear Feet = .9064					Average Rebar Size = 4.74					
Total 13.3 Tons	100	26,410	91	24,092			2	608	6	1,710

** TOTALS PAGE (LBS) **

BASE >LVL3 SLAB(E) ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----										
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	6,628	100	6,628						
#5 Gr 60	100	17,659	96	16,908					4	751
Average Lbs per Linear Feet = .9044					Average Rebar Size = 4.73					
Total 12.2 Tons	100	24,287	97	23,536					3	751

BASE >LVL4 SLAB(E) ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----										
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	6,628	100	6,628						
#5 Gr 60	100	17,659	96	16,908					4	751
Average Lbs per Linear Feet = .9044					Average Rebar Size = 4.73					
Total 12.2 Tons	100	24,287	97	23,536					3	751

** TOTALS PAGE (LBS) **

BASE
>LVL5 SLAB(E) ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	3,373	100	3,373						
#5 Gr 60	100	7,715	95	7,340					5	375
Average Lbs per Linear Feet = .8909					Average Rebar Size = 4.70					
Total 5.6 Tons	100	11,088	97	10,713					3	375

BASE
>LVL 6 PTBEAM ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#5 Gr 60	100	13,001			100	13,001				
#6 Gr 60	100	11,064	84	9,282			16	1,782		
Average Lbs per Linear Feet = 1.2135					Average Rebar Size = 5.46					
Total 12.1 Tons	100	24,065	39	9,282	54	13,001	7	1,782		

** TOTALS PAGE (LBS) **

BASE >LVL 6 PT SL										
---- SubStructure ----			----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	6,235	81	5,066			19	1,169		
#5 Gr 60	100	3,181	100	3,181						
#6 Gr 60	100	42,585	92	39,086			8	3,499		
Average Lbs per Linear Feet = 1.2765					Average Rebar Size = 5.70					
Total 26.1 Tons	100	52,001	91	47,333			9	4,668		

BASE >LVL 6 PTSL(E)										
---- SubStructure ----			----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	629	23	143			77	486		
Average Lbs per Linear Feet = .6680					Average Rebar Size = 4.00					
Total .4 Tons	100	629	23	143			77	486		

** TOTALS PAGE (LBS) **

BASE >CONC.WALL										
---- SubStructure ----			----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	2,069	96	1,984			4	85		
#6 Gr 60	100	3,835	100	3,835						
Average Lbs per Linear Feet = 1.0449					Average Rebar Size = 5.30					
Total 3.0 Tons	100	5,904	99	5,819			1	85		

BASE >SHEAR WALL										
---- SubStructure ----			----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	510			100	510				
#4 Gr 60	100	27,365	91	24,821			9	2,544		
#5 Gr 60	100	150	100	150						
#6 Gr 60	100	56,453	100	56,453						
Average Lbs per Linear Feet = 1.0553					Average Rebar Size = 5.33					
Total 42.3 Tons	100	84,478	96	81,424	1	510	3	2,544		

** TOTALS PAGE (LBS) **

BASE
>SHEAR WALL(E) ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	91					100	91		
Average Lbs per Linear Feet = .6680					Average Rebar Size = 4.00					
Total .1 Tons	100	91					100	91		

BASE
>CONC.COLUMN ---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	16,145			100	16,145				
#6 Gr 60	100	911					100	911		
#7 Gr 60	100	55,379					100	55,379		
Average Lbs per Linear Feet = 1.3965					Average Rebar Size = 6.32					
Total 36.3 Tons	100	72,435			22	16,145	78	56,290		

** TOTALS PAGE (LBS) **

BASE >CMU WALL	---- SubStructure ----		----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#5 Gr 60	100	7,308	99	7,225			1	83		
Average Lbs per Linear Feet = 1.0430						Average Rebar Size = 5.00				
Total 3.7 Tons	100	7,308	99	7,225			1	83		

SITE WORK	STRUCTURE TOTAL		----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	77			100	77				
#4 Gr 60	100	225	18	41	82	184				
#5 Gr 60	100	373	100	373						
#6 Gr 60	100	225	100	225						
Average Lbs per Linear Feet = .8579						Average Rebar Size = 4.83				
Total .5 Tons	100	900	71	639	29	261				

** TOTALS PAGE (LBS) **

SITE WORK
>GENERATOR PA---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	184			100	184				
#5 Gr 60	100	373	100	373						
Average Lbs per Linear Feet = .8798					Average Rebar Size = 4.67					
Total .3 Tons	100	557	67	373	33	184				

SITE WORK
>TRANSFOR.PAD---- SubStructure ---- ----- STRAIGHT ----- LIGHT BENT ----- HEAVY BENT ----- STOCK/MILL -----

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	41	100	41						
Average Lbs per Linear Feet = .6680					Average Rebar Size = 4.00					
Total .1 Tons	100	41	100	41						

** TOTALS PAGE (LBS) **

SITE WORK										
>LIGHT POLE										
---- SubStructure ----			----- STRAIGHT -----		----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	77			100	77				
#6 Gr 60	100	225	100	225						
Average Lbs per Linear Feet = .8517					Average Rebar Size = 5.24					
Total .2 Tons	100	302	75	225	25	77				

GRAND TOTALS ----- TOTAL -----										
----- STRAIGHT -----			----- LIGHT BENT -----		----- HEAVY BENT -----		----- STOCK/MILL -----			
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	10,147			100	10,147				
#4 Gr 60	100	104,056	59	61,110	33	34,363	8	8,276		307
#5 Gr 60	100	116,474	86	99,803	11	13,001		83	3	3,587
#6 Gr 60	100	122,920	92	113,467			8	9,453		
#7 Gr 60	100	60,686					100	60,686		
#9 Gr 60	100	106,071	36	38,605			64	67,466		
#11 Gr 60	100	98,136					27	26,092	73	72,044
Average Lbs per Linear Feet = 1.3574					Average Rebar Size = 6.83					
Total 309.3 Tons	100	618,490	51	312,985	9	57,511	28	172,056	12	75,938