** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
1				BUILDING			BUILDING								
2				>COL FTG/PIER			COLUMN FOOTING WITH PIER								
3	MARK - F1														
4	REF SEC - (6/S201)														
5						23			4	5	#6	4-00		#6 @12"O.C EW T&B	2764
6						23				5	#5	7-06	L	#5 STANDEE	900
7															
8	MARK - F2														
9	REF SEC - (5,9/S201)														
10						24			2	6	#5	7-06		#5 @12"O.C LW T&B	2253
11						24			2	7	#5	4-08		#5 @12"O.C SW T&B	1635
12						24				5	#4	6-05	L	#4 STANDEE	514
13															
14	FTG SIZE - (4'-0" X 4'-0")														
15	REF SEC - (14/S201)														
16						60			4	5	#6	4-00		#6 @12"O.C EW T&B	7210
17						60				5	#4	6-04	L	#4 STANDEE	1269
18															
19	FTG SIZE - (5'-0" X 12'-0")														
20	REF SEC - (2/S201)														
21									2	5	#7	12-00		5 #7 CONT T&B	245
22										15	#3	14-00	L	#3 @10"O.C STIRR	79
23															
24										2	#7	14-00	H	2 #7 LW	57
25										3	#7	10-00	H	3 #7 SW	61
26															
27	FTG SIZE - (5'-0" X 12'-0")														
28	REF SEC - (3/S201)														
29									2	5	#7	12-00		5 #7 CONT T&B	245

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
30										15	#3	14-00	L	#3 @10"O.C STIRR	79
31															
32										2	#7	14-00	H	2 #7 LW	57
33										3	#7	10-00	H	3 #7 SW	61
34															
35	FTG SIZE - (6'-0" X 4'-0")														
36	REF SEC - (18/S201)														
37						20			2	5	#6	6-00		#6 @12"O.C LW T&B	1802
38						20			2	7	#6	4-00		#6 @12"O.C SW T&B	1682
39						20				5	#5	7-06	L	#5 STANDEE	782
40															
41	PIER														
42						20				4	#4	6-02	H	4 #4 D/V	330
43						20				4	#3	6-00	L	#3 @12"O.C TIES	180
44															
45	REF SEC - (1/S401 & S202)														
46						55				16	#4	4-00	H	#4 @12"O.C DWLS 1	2351
47															
48															
49	>WALL FTG WALL FOOTING														
50	REF SEC - (4/S201) - 205 LFT **********														
51							LINE			6	#6	(1369 LnFt)		#6 @12"O.C CONT TOP	2057
	>> LENGTH = 205-00 STOCK = 40-00 LAP = 4-08 QTY = 6														
52							LINE			6	#6	(1337 LnFt)		#6 @12"O.C CONT BOT	2009
	>> LENGTH = 205-00 STOCK = 40-00 LAP = 3-07 QTY = 6														
53									2	206	#6	4-06		#6 @12"O.C TRANS T&B	2785
54										60	#4	6-04	L	#4 STANDEE	254
55									2	138	#4	3-09	H	#4 @18"O.C DWLS ES	691

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
56															
57															
58				>GRADE BEAM			GRADE BEAM								
59	REF SEC - (1/S201) - 920 LFT **********														
60							LINE			4	#5	(4071 LnFt)		4 #5 CONT TOP	4247
		>>	LENGTH = 920-00	STOCK = 40-00	LAP = 3-11	QTY = 4									
61						16				4	#5	6-00	H	#5 COR	401
62							LINE			4	#5	(3968 LnFt)		4 #5 CONT BOT	4139
		>>	LENGTH = 920-00	STOCK = 40-00	LAP = 3-00	QTY = 4									
63						16				4	#5	6-00	H	#5 COR	401
64										308	#3	8-00	L	#3 @36"O.C STIRR	926
65										615	#4	3-09	H	#4 @18"O.C DWLS	1541
66															
67	REF SEC - (7/S201) = 2'-2" WIDE = 155 LFT ********														
68							LINE			4	#5	(683 LnFt)		4 #5 CONT TOP	713
		>>	LENGTH = 155-00	STOCK = 40-00	LAP = 3-11	QTY = 4									
69							LINE			4	#5	(668 LnFt)		4 #5 CONT BOT	697
		>>	LENGTH = 155-00	STOCK = 40-00	LAP = 3-00	QTY = 4									
70										53	#3	8-04	L	#3 @36"O.C STIRR	166
71										105	#4	3-09	H	#4 @18"O.C DWLS	263
72															
73	REF SEC - (7/S201) = 2'-6" WIDE = 32 LFT ********														
74									2	4	#5	32-00		4 #5 CONT T&B	267
75										12	#3	9-00	L	#3 @36"O.C STIRR	41
76										23	#4	3-09	H	#4 @18"O.C DWLS	58
77															
78	REF SEC - (13/S201) = 2'-2" WIDE = 28 LFT *******														
79									2	4	#5	28-00		4 #5 CONT T&B	234
80										10	#3	8-04	L	#3 @36"O.C STIRR	31

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
81										20	#4	3-09	H	#4 @18"O.C DWLS	50
82															
83	REF SEC - (8,8A/S201) - 332 LFT **********														
84							LINE			5	#7	(1963 LnFt)		5 #7 CONT TOP	4014
	>> LENGTH = 332-00 STOCK = 40-00 LAP = 6-09 QTY = 5														
85							LINE			5	#7	(1896 LnFt)		5 #7 CONT BOT	3876
	>> LENGTH = 332-00 STOCK = 40-00 LAP = 5-03 QTY = 5														
86										113	#3	10-00	L	#3 @36"O.C STIRR	425
87										223	#4	3-09	H	#4 @18"O.C DWLS	559
88															
89	CMU WALL DWLS														
90										332	#5	5-00	H	#5 @16"O.C DWLS	1731
91															
92															
93	>SOG SLAB ON GRADE														
94	5" SLAB ON GRADE = 65,915 SQ FT **********														
95										2374	#3	40-00	M	#3 @18"O.C EW	35705
96															
97	5" STROFOAM SLAB = 560 SQ FT **********														
98										21	#3	40-00	M	#3 @18"O.C EW	316
99															
100	CONCRETE STAIRS														
101	REF SEC - (15/S201)														
102							LINE			5	#4	(327 LnFt)		#4 @12"O.C LW	219
	>> LENGTH = 63-00 STOCK = 40-00 LAP = 2-05 QTY = 5														
103						4				5	#4	4-10	H	#4 COR	65
104										63	#4	3-11	H	#4 @12"O.C D&E SW	165
105							LINE			4	#4	(261 LnFt)		#4 @12"O.C NOSING BARS	175
	>> LENGTH = 63-00 STOCK = 40-00 LAP = 2-05 QTY = 4														

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
106						4				4	#4	4-10	H	#4 COR	52
107										63	#4	4-10	H	#4 @12"O.C DWLS	203
108															
109	SEC - (11/S201) - 82 LFT **********														
110										83	#4	2-03		#4 @12"O.C VERT D&E	125
111							LINE			3	#4	(263 LnFt)		3 #4 HOR	176
	>> LENGTH = 82-00 STOCK = 40-00 LAP = 3-01 QTY = 3														
112						3				3	#4	6-00	H	#4 COR	36
113															
114	SEC - (4/S201)														
115										34	#4	40-00	M	#4 @12"O.C EW	908
116															
117							LINE			1	#4	(529 LnFt)		1 #4 CONT	354
	>> LENGTH = 490-00 STOCK = 40-00 LAP = 3-01 QTY = 1														
118						20				1	#4	6-00	H	#4 COR	80
119										491	#4	1-07		#4 @12"O.C D&E DWLS	519
120															
121	SEC - (5/S201)														
122						24				1	#7	12-00	H	1 #7 ADDL BARS	589
123															
124	SEC - (8/S201) - 330 LFT **********														
125										221	#3	4-02	L	#3 @18"O.C ADDL DWLS	346
126															
127	CURB														
128	SEC - (13/S201) - 65 LFT **********														
129							LINE			1	#4	(67 LnFt)		1 #4 CONT	45
	>> LENGTH = 65-00 STOCK = 40-00 LAP = 2-05 QTY = 1														
130									1	1	#4	4-10	H	#4 COR	3

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
131															
132	SEC - (15/S201) - 72 LFT **********														
133							LINE			3	#5	(225 LnFt)		3 #5 CONT	235
	>> LENGTH = 72-00 STOCK = 40-00 LAP = 3-00 QTY = 3														
134						4				3	#5	6-00	H	#5 COR	75
135															
136	SEC - (17/S201) - 38 LFT **********														
137										39	#3	4-00	L	#3 @12"O.C DWLS	59
138															
139	SEC - (19/S201) - 10 LFT **********														
140										3	#5	10-00		3 #5 CONT	31
141															
142	SEC - (7/S202)														
143										3	#3	4-00		3 #3 RE-ENT BARS	5
144															
145	SEC - (7/S201 & S202) - 85 LFT **********														
146										86	#4	3-06		#4 @12"O.C DWSL 2	201
147															
148	SEC - (1,8/S201) - 1665 LFT **********														
149							LINE			1	#4	(1772 LnFt)		1 #4 CONT	1184
	>> LENGTH = 1665-00 STOCK = 40-00 LAP = 2-05 QTY = 1														
150						53				1	#4	4-10	H	#4 COR	171
151															
152															
153	>COM.DECK.SLA COMPOSITE METAL DECK SLAB														
154	3" COMPOSITE METAL DECK SLAB = 7545 SQ FT ********														
155	SEC - (1,3/S401) - 2170 LFT **********														
156							LINE			2	#4	(4615 LnFt)		2 #4 CONT	3083
	>> LENGTH = 2170-00 STOCK = 40-00 LAP = 2-05 QTY = 2														

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
157										2171	#3	2-00	L	#3 @12"O.C DWLS	1633
158															
159	SEC - (11/S401) - 12 LFT **********														
160										4	#3	12-00		4 #3 CONT	18
161										13	#3	2-06	L	#3 @12"O.C DWLS	12
162															
163															
164				BLDG MASONRY			BUILDING MASONRY								
165				>CMU WALLS			CMU WALLS								
166	8" CMU WALLS														
167	REF SEC - (8/S201 & 8/S401) - 330 LFT **********														
168										250	#5	13-02		#5 @16"O.C VERT	3433
169						8				3	#5	13-02		#5 COR VERT	330
170						3			2	2	#5	13-02		#5 OPNG VERT ES	165
171						3			2	2	#6	8-00		2 #6 LINTEL T&B	144
172						3				13	#3	2-04	L	#3 @8"O.C STIRR	34
173						11			2	1	#5	13-02		#5 CJ ADDL ES	302
174						12				2	#5	13-02		#5 END VERT	330
175							LINE		3	2	#5	(2250 LnFt)		2 #5 CONT BB	2347
	>> LENGTH = 330-00 STOCK = 20-00 LAP = 2-06 QTY = 2														
176						8			3	2	#5	5-00	H	#5 COR BB	250
177															
178															
179	SEC - (10/S401) - 35 LFT **********														
180										27	#5	2-08		#5 @16"O.C VERT	75
181						4			2	2	#6	10-00		2 #6 LINTEL T&B	240
182						4				13	#3	2-04	L	#3 @10"O.C STIRR	46
183							LINE		3	2	#5	(225 LnFt)		2 #5 CONT BB	235
	>> LENGTH = 35-00 STOCK = 20-00 LAP = 2-06 QTY = 2														

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
184															
185															
186				SITE WORK			SITE WORK								
187				>CONC.SIDEWAK			CONCRETE SIDEWALK								
188	SEC - (B3/A006) - 1870 LFT **********														
189							LINE		2	1	#4	(3937 LnFt)		1 #4 CONT T&B	2630
	>> LENGTH = 1870-00 STOCK = 40-00 LAP = 2-00 QTY = 1														
190															
191	SEC - (C1/A006) - 198 LFT **********														
192							LINE			1	#4	(208 LnFt)		1 #4 CONT	139
	>> LENGTH = 198-00 STOCK = 40-00 LAP = 2-00 QTY = 1														
193										199	#4	2-09		#4 @12"O.C DWLS	366
194															
195															
196				>CONC.PAVEMNT			CONCRETE PAVEMENT								
197	5" CONCRETE PAVEMENT = 63,470 SQ FT **********														
198										2286	#3	40-00	M	#3 @18"O.C EW	34381
199															
200															
201	6" CONCRETE PAVEMENT = 32,780 SQ FT **********														
202										1181	#3	40-00	M	#3 @18"O.C EW	17762
203															
204	SEC - (A2/A006) - 128 LFT **********														
205							LINE		2	1	#4	(267 LnFt)		1 #4 CONT T&B	179
	>> LENGTH = 128-00 STOCK = 40-00 LAP = 2-00 QTY = 1														
206															
207	SEC - (A4/A006) - 998 LFT **********														
208							LINE		2	1	#4	(2098 LnFt)		1 #4 CONT T&B	1402
	>> LENGTH = 998-00 STOCK = 40-00 LAP = 2-00 QTY = 1														

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
209															
210	SEC - (A6/A006) - 365 LFT **********														
211							LINE			1	#4	(381 LnFt)		1 #4 CONT	255
	>> LENGTH = 365-00 STOCK = 40-00 LAP = 2-00 QTY = 1														
212										366	#4	1-00		#4 @12"O.C DWLS	244
213															
214															
215	>CURB & GUTTR CURB & GUTTER														
216	SEC - (A1/A006) - 3745 LFT **********														
217							LINE			2	#5	(7985 LnFt)		2 #5 CONT	8329
	>> LENGTH = 3745-00 STOCK = 40-00 LAP = 2-06 QTY = 2														
218															
219															
220	>LIGHT POLE LIGHT POLE														
221	REF SEC - (B/E501)														
222						4				6	#6	13-00		6 #6 VERT	469
223						4				17	#3	4-09	L	#3 @12"O.C TIES	121
224															
225															

** TOTALS PAGE (LBS) **

BUILDING	STRUCTURE TOTAL		------ STRAIGHT	----------	LIGHT BENT	------	HEAVY BENT	------	STOCK/MILL	------
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	40,021		23	10	3,977			90	36,021
#4 Gr 60	100	15,644	7	1,084	13	2,037	42	6,618	38	5,905
#5 Gr 60	100	18,741	77	14,451	9	1,682	14	2,608		
#6 Gr 60	100	20,309	100	20,309						
#7 Gr 60	100	9,205	91	8,380			9	825		
				Average Lbs per Linear Feet = .6266						Average Rebar Size = 4.45
Total 52.0 Tons	100	103,920	43	44,247	7	7,696	10	10,051	40	41,926

BUILDING >COL FTG/PIER	---- SubStructure ----		------ STRAIGHT	----------	LIGHT BENT	------	HEAVY BENT	------	STOCK/MILL	------
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	338			100	338				
#4 Gr 60	100	4,464			40	1,783	60	2,681		
#5 Gr 60	100	5,570	70	3,888	30	1,682				
#6 Gr 60	100	13,458	100	13,458						
#7 Gr 60	100	726	67	490			33	236		
				Average Lbs per Linear Feet = 1.1043						Average Rebar Size = 5.40
Total 12.3 Tons	100	24,556	73	17,836	15	3,803	12	2,917		

BUILDING >WALL FTG	---- SubStructure ----		------ STRAIGHT	----------	LIGHT BENT	------	HEAVY BENT	------	STOCK/MILL	------
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	945			27	254	73	691		
#6 Gr 60	100	6,851	100	6,851						
				Average Lbs per Linear Feet = 1.3046						Average Rebar Size = 5.76

** TOTALS PAGE (LBS) **

BUILDING
>WALL FTG

SIZE	---- SubStructure ---- %	Weight	------ STRAIGHT ---------- %	Weight	LIGHT BENT ------ %	Weight	HEAVY BENT ------ %	Weight	STOCK/MILL ------ %	Weight
Total 3.9 Tons	100	7,796	88	6,851	3	254	9	691		

BUILDING
>GRADE BEAM

SIZE	---- SubStructure ---- %	Weight	------ STRAIGHT ---------- %	Weight	LIGHT BENT ------ %	Weight	HEAVY BENT ------ %	Weight	STOCK/MILL ------ %	Weight
#3 Gr 60	100	1,589			100	1,589				
#4 Gr 60	100	2,471					100	2,471		
#5 Gr 60	100	12,830	80	10,297			20	2,533		
#7 Gr 60	100	7,890	100	7,890						

Average Lbs per Linear Feet = 1.0288 Average Rebar Size = 5.41

Total 12.4 Tons	100	24,780	73	18,187	6	1,589	20	5,004		

BUILDING
>SOG

SIZE	---- SubStructure ---- %	Weight	------ STRAIGHT ---------- %	Weight	LIGHT BENT ------ %	Weight	HEAVY BENT ------ %	Weight	STOCK/MILL ------ %	Weight
#3 Gr 60	100	36,431		5	1	405			99	36,021
#4 Gr 60	100	4,681	22	1,047			17	775	61	2,859
#5 Gr 60	100	341	78	266			22	75		
#7 Gr 60	100	589					100	589		

Average Lbs per Linear Feet = .4023 Average Rebar Size = 3.18

Total 21.1 Tons	100	42,042	3	1,318	1	405	3	1,439	92	38,880

** TOTALS PAGE (LBS) **

BUILDING
>COM.DECK.SLA ---- SubStructure ---- ------ STRAIGHT ---------- LIGHT BENT ---------- HEAVY BENT ---------- STOCK/MILL ------

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	1,663	1	18	99	1,645				
#4 Gr 60	100	3,083	1	37					99	3,046
				Average Lbs per Linear Feet = .5251					Average Rebar Size = 3.65	
Total 2.4 Tons	100	4,746	1	55	35	1,645			64	3,046

BLDG MASONRYSTRUCTURE TOTAL ------ STRAIGHT ---------- LIGHT BENT ---------- HEAVY BENT ---------- STOCK/MILL ------

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	80			100	80				
#5 Gr 60	100	7,467	65	4,839			3	250	32	2,378
#6 Gr 60	100	384	100	384						
				Average Lbs per Linear Feet = 1.0398					Average Rebar Size = 5.03	
Total 4.0 Tons	100	7,931	66	5,223	1	80	3	250	30	2,378

BLDG MASONRY
>CMU WALLS ---- SubStructure ---- ------ STRAIGHT ---------- LIGHT BENT ---------- HEAVY BENT ---------- STOCK/MILL ------

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	80			100	80				
#5 Gr 60	100	7,467	65	4,839			3	250	32	2,378
#6 Gr 60	100	384	100	384						
				Average Lbs per Linear Feet = 1.0398					Average Rebar Size = 5.03	
Total 4.0 Tons	100	7,931	66	5,223	1	80	3	250	30	2,378

** TOTALS PAGE (LBS) **

SITE WORK	STRUCTURE TOTAL		------ STRAIGHT	----------	LIGHT BENT	------	HEAVY BENT	-------	STOCK/MILL	------
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	52,264			121				100	52,143
#4 Gr 60	100	5,215	13	673					87	4,542
#5 Gr 60	100	8,329	100	8,329						
#6 Gr 60	100	469	100	469						
				Average Lbs per Linear Feet = .4273						Average Rebar Size = 3.35
Total 33.2 Tons	100	66,277	14	9,471	121				86	56,685

SITE WORK >CONC.SIDEWAK	---- SubStructure ----		------ STRAIGHT	----------	LIGHT BENT	------	HEAVY BENT	-------	STOCK/MILL	------
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	3,135	12	382					88	2,753
				Average Lbs per Linear Feet = .6680						Average Rebar Size = 4.00
Total 1.6 Tons	100	3,135	12	382					88	2,753

SITE WORK >CONC.PAVEMNT	---- SubStructure ----		------ STRAIGHT	----------	LIGHT BENT	------	HEAVY BENT	-------	STOCK/MILL	------
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	52,143							100	52,143
#4 Gr 60	100	2,080	14	291					86	1,789
				Average Lbs per Linear Feet = .3824						Average Rebar Size = 3.04
Total 27.2 Tons	100	54,223	1	291					99	53,932

** TOTALS PAGE (LBS) **

SITE WORK
>CURB & GUTTR ---- SubStructure ---- ------ STRAIGHT ---------- LIGHT BENT ------ HEAVY BENT ------ STOCK/MILL ------

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#5 Gr 60	100	8,329	100	8,329						

Average Lbs per Linear Feet = 1.0430 Average Rebar Size = 5.00

Total 4.2 Tons	100	8,329	100	8,329						

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

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	121			100	121				
#6 Gr 60	100	469	100	469						

Average Lbs per Linear Feet = .9305 Average Rebar Size = 5.38

Total .3 Tons	100	590	79	469	21	121				

GRAND TOTALS -------- TOTAL --------- ------ STRAIGHT ---------- LIGHT BENT ------ HEAVY BENT ------ STOCK/MILL ------

SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	92,365		23	5	4,178			95	88,164
#4 Gr 60	100	20,859	8	1,757	10	2,037	32	6,618	50	10,447
#5 Gr 60	100	34,537	80	27,619	5	1,682	8	2,858	7	2,378
#6 Gr 60	100	21,162	100	21,162						
#7 Gr 60	100	9,205	91	8,380			9	825		

Average Lbs per Linear Feet = .5421 Average Rebar Size = 4.07

Total 89.1 Tons	100	178,128	33	58,941	4	7,897	6	10,301	57	100,989