

Bid Date -

** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
32				2.SMOOTH REBAR											
33				3.LIGHT POLE BASE (NO REINF.DETAILS)											
34				4.DUCTBANK (E414/E416) MARK-DB1 TO DB28											
35				REF. SHEET(ED4) NO CONDUIT ARRANGEMENT											
36				NOT ENOUGH INFORMATION FOR DUCTBANK SIZE)											
37				5.SITWORK (NOT ENOUGH INFORMATION)											
38				6.CONCRETE CURB (NO REINF.DETAILS)											
39															
40				INCLUSION:											
41				1.MAT FOOTING											
42				2.CONCRETE COLUMN											
43				3.CONCRETE WALL											
44				4.CMU WALL											
45				5.UPPER LEVEL											
46															
47				ASSUMPTIONS:											
48				1.WE ASSUMED 15% MORE AREA FOR MESH LAPPING.											
49															
50				NOTES :											
51				1.REBAR ACCESSORIES: AS PER STANDARD PRACTICE											
52															
53				GAC FACILITY											
54				MAT FOOTING										MAT FOOTING (LEVEL = 227.00')	
55				REF.-(B/S408 & S400)(3266 SQ.FT)											
56										296	#10	40-00		#10 @8" EW BOT	50948
57										385	#10	40-00		#10 @8" EW TOP	66266
58										206	#5	8-08	H	#5 @48" STANDEE	1862
59				REF.-(A/S406 & S401)(19180 SQ.FT)											
60									2	1675	#8	40-00		#8 @8" EW T&B	357780
61										510	#5	8-08	H	#5 @48" STANDEE	4610
62										700	#4	7-08	L	#4 @48" STANDEE	3585

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
63									5	6	#8	40-00		#8 @8" CONT	3204
64									2	230	#8	7-00		#8 @8" DWL ES	8597
65 REF.-(D/S410 & S401)(915 LFT)															
66						10			2	7	#8	40-00		#8 @8" CONT T&B	14952
67									2	478	#8	4-00		#8 @8" TRANS T&B	10210
68										80	#5	9-08	H	#5 @48" STANDEE	807
69									2	1380	#8	8-04	H	#8 @8" D/V EF	61410
70															
71 CONCRETE WALL DWL															
72 REF.-(B/S408 & S400)															
73									2	496	#10	10-02	H	#10 @8" DWL EF	43397
74									2	104	#7	7-08	H	#7 @8" DWL EF	3259
75										78	#6	7-00	H	#6 @8" DWL	820
76 REF.-(D/S410 & S401)															
77									2	2342	#8	8-04	H	#8 @8" DWL EF	104219
78									2	55	#7	7-08	H	#7 @8" DWL EF	1724
79 REF.-(G/S411 & S401)(38 LFT)															
80									2	60	#8	8-04	H	#8 @8" D/V EF	2670
81 EQUIPMENT PAD															
82 REF.-(SD2 & S401)(125 SQ.FT)															
83										8	#4	40-00		#4 @12" EW	214
84										85	#5	3-10	H	#5 @12" DWL	340
85										85	#5	3-00		#5 @12" D&E	266
86															
87 CONC.COLUMN CONCRETE COLUMN															
88 REF.-(1/S412 & S401)(4 LOC) (H =VARIES)															
89									4	8	#9	10-06	H	8-#9 DWL	1142
90									4	8	#9	16-04		8-#9 VERT	1777
91									4	35	#4	6-00	L	#4 @6" TIES	561
92															
93 CONC.WALL CONCRETE WALL															

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
94 REF.-(B/S408 & S400)(163 LFT)(H =VARIES)															
95									2	248	#10	32-10		#10 @8" VERT EF	70076
96						5			2	52	#10	40-00		#10 @8" HOR EF	89502
97						4				52	#10	15-02	H	#10 @8" COR OF	13575
98						4			2	52	#10	9-05	H	#10 @8" COR IF	16856
99						4				52	#8	9-03	H	#8 @8" ADDL	5137
100										336	#4	5-09	L	#4 @48" SPREADER	1291
101 REF.-(C/S409 & S400)(104 LFT)(H =VARIES)															
102									2	158	#10	29-00		#10 @8" VERT EF	39433
103						3			2	45	#10	40-00		#10 @8" HOR EF	46472
104						4			2	45	#10	9-05	H	#10 @8" COR IF	14587
105						4			2	45	#8	9-03	H	#8 @8" ADDL	8891
106										190	#4	5-09	L	#4 @48" SPREADER	730
107 REF.-(E/S411 & S400)(69 LFT)(H =VARIES)															
108									2	104	#7	32-10		#7 @8" VERT EF	13959
109						2			2	52	#7	40-00		#7 @8" HOR EF	17006
110						4			2	52	#7	9-05	H	#7 @8" COR IF	8007
111						4			2	52	#5	8-03	H	#5 @8" ADDL	3580
112										145	#4	5-09	L	#4 @48" SPREADER	557
113									4	52	#5	7-06	H	#5 @8" U-BAR	1627
114 REF.-(E/S411 & S400)(50 LFT)(H =VARIES)															
115										78	#6	32-10		#6 @8" VERT	3847
116						2				52	#6	40-00		#6 @8" HOR	6248
117						2				52	#6	9-05	H	#6 @8" COR	1471
118						2				52	#5	8-03	H	#5 @8" ADDL	895
119 REF.-(E/S411 & S400)(59 LFT)(H =VARIES)															
120									2	90	#10	48-02		#10 @8" VERT EF	37307
121									2	90	#9	10-06		#9 @8" VERT EF	6426
122						2			2	58	#10	40-00		#10 @8" HOR EF	39932
123						2			2	18	#9	40-00		#9 @8" HOR EF	9792
124										180	#4	5-09	L	#4 @48" SPREADER	691

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
125															
126				REF.-(D/S410 & S401)(915 LFT)											
127						27			2	4	#8	40-00		#8 @8" HOR EF	23069
128				REF.-(D/S410 & S401)(300 LFT)(H =VARIES)											
129									2	455	#8	8-00		#8 @8" DWL EF	19438
130									2	452	#9	22-02		#9 @8" VERT EF	68131
131						9			2	36	#9	40-00		#9 @8" HOR EF	88128
132										436	#4	4-03	H	#4 @48" SPREADER	1238
133				REF.-(D/S410 & S401)(300 LFT)(H =VARIES)											
134									2	452	#8	21-02		#8 @8" VERT EF	51090
135						9			2	34	#8	40-00		#8 @8" HOR EF	65362
136										436	#4	4-03	H	#4 @48" SPREADER	1238
137				REF.-(D/S410 & S401)(300 LFT)(H =VARIES)											
138									2	452	#8	26-00		#8 @8" VERT EF	62756
139						9			2	36	#8	40-00		#8 @8" HOR EF	69206
140										436	#4	4-03	H	#4 @48" SPREADER	1238
141				REF.-(D/S410 & S401)(386 LFT)(H =VARIES)											
142									2	582	#8	26-00		#8 @8" VERT EF	80805
143						12			2	36	#8	40-00		#8 @8" HOR EF	92275
144										560	#4	4-03	H	#4 @48" SPREADER	1590
145						2				36	#8	12-02	H	#8 @8" COR OF	2339
146						2			2	36	#8	6-03	H	#8 @8" COR IF	2403
147						2				36	#6	6-03	H	#6 @8" ADDL	676
148				REF.-(A/S406 & S401)(230 LFT)(H =VARIES)											
149									2	346	#8	28-00	H	#8 @8" VERT EF	51734
150						7			2	42	#8	40-00		#8 @8" HOR EF	62798
151						16			2	42	#8	6-03	H	#8 @8" COR IF	22428
152						16			2	42	#6	6-03	H	#6 @8" ADDL	12617
153										385	#4	4-09	H	#4 @48" SPREADER	1222
154				REF.-(E/S411 & S401)(36 LFT)(H =VARIES)											
155									2	55	#7	30-04		#7 @8" VERT EF	6820

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
156									2	42	#7	40-00		#7 @6" HOR EF	6868
157									2	42	#7	10-06	H	#7 @6" COR IF	1803
158									2	42	#6	6-03	H	#6 @6" ADDL	789
159										62	#4	4-09	H	#4 @48" SPREADER	197
160 REF.-(A/S406 & S401)(36 LFT)(H =VARIES)															
161									2	55	#8	30-08		#8 @8" VERT EF	9007
162									2	42	#8	40-00		#8 @8" HOR EF	8971
163										42	#8	12-02	H	#8 @8" COR OF	1364
164									2	42	#8	6-03	H	#8 @8" COR IF	1402
165										42	#6	6-03	H	#6 @8" ADDL	394
166										62	#4	4-09	H	#4 @48" SPREADER	197
167 REF.-(A/S406 & S401)(46 LFT)(H =VARIES)															
168									2	72	#9	30-08		#9 @8" VERT EF	15014
169									2	42	#9	40-00		#9 @8" HOR EF	11424
170									2	42	#9	9-04	H	#9 @8" COR IF	2666
171										42	#7	9-00	H	#7 @8" ADDL	773
172										80	#4	5-07	H	#4 @48" SPREADER	298
173 REF.-(G/S411 & S401)(38 LFT)(H =VARIES)															
174									2	9	#8	40-00		#8 @8" HOR EF	1922
175 REF.-(J/S412 & S401)(11 LFT)(H =VARIES)															
176									2	18	#6	6-00		#6 @8" VERT EF	324
177									2	10	#6	11-00		#6 @8" HOR EF	330
178 REF.-(C/S409 & S402)(38 LFT)(H =VARIES)															
179									2	60	#7	5-04	H	#7 @8" DWL EF	1308
180									2	60	#7	15-04		#7 @8" VERT EF	3761
181									2	26	#7	40-00		#7 @8" HOR EF	4252
182									2	26	#7	10-06	H	#7 @8" COR IF	1116
183									2	26	#6	6-03	H	#6 @6" ADDL	488
184										62	#4	4-09	H	#4 @48" SPREADER	197
185 REF.-(2/S412 & S402)(110 LFT)															
186									3	2	#4	40-00		2-#4 CONT	160

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** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
218									2	5	#9	15-00		5-#9 T&B	510
219									2	1	#5	15-00		#5 @12" MID EF	31
220										18	#3	7-00	L	#3 @8" STIRR	47
221 MARK =B7															
222 REF.-(S412 & S402)(25 LFT)															
223									2	5	#9	30-00		5-#9 T&B	1020
224									2	1	#5	30-00		#5 @12" MID EF	63
225										40	#3	7-00	L	#3 @8" STIRR	105
226 MARK =B8															
227 REF.-(S412 & S402)(45 LFT)															
228						2			2	4	#9	40-00		4-#9 T&B	2176
229						2			2	1	#5	40-00		#5 @12" MID EF	167
230										70	#4	8-00	L	#4 @8" STIRR	374
231 MARK =B9															
232 REF.-(S412 & S402)(38 LFT)															
233									2	4	#7	40-00		4-#7 T&B	654
234									2	2	#5	40-00		#5 @12" MID EF	167
235										60	#3	9-00	L	#3 @8" STIRR	203
236															
237 LEVEL 259.83'															
238 REF.-(B/S408 & S402)(3125 SQ.FT)															
239									2	266	#6	40-00		#6 @8" EW T&B	31963
240										200	#4	5-08	L	#4 @48" STANDEE	757
241 LEVEL 264.67'															
242 REF.-(B/S410 & S402)(3675 SQ.FT)															
243										318	#7	40-00		#7 @8" SW T&B	26000
244										322	#8	40-00		#8 @8" SW T&B	34390
245										234	#4	6-08	L	#4 @48" STANDEE	1042
246															
247 CMU WALL															
248 REF.-(B/S410 & S402)															

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
249										343	#6	7-08	H	#6 @32" CMU DWL	3950
250										190	#6	7-08	H	#6 ADDL CMU DWL	2188
251															
252 MARK =B10															
253 REF.-(S412 & S403)(73 LFT)															
254						2			2	3	#8	40-00		3-#8 T&B	1282
255										222	#3	5-00	L	#3 @4" STIRR	417
256 MARK =B11															
257 REF.-(S412 & S403)(339 LFT)															
258									10	6	#9	40-00		6-#9 TOP	8160
259									10	10	#9	40-00		10-#9 TOP	13600
260						10			2	2	#5	40-00		#5 @12" MID EF	1669
261										510	#4	5-00	L	#4 @8" STIRR	1703
262 MARK =B12															
263 REF.-(S412 & S403)(38 LFT)															
264									2	6	#9	40-00		6-#9 T&B	1632
265						2			2	4	#5	40-00		#5 @6" MID EF	668
266										60	#4	11-08	L	#4 @8" STIRR	468
267 MARK =B13															
268 REF.-(S412 & S403)(306 LFT)															
269						10			2	4	#9	40-00		4-#9 T&B	10880
270						9			2	2	#5	40-00		#5 @12" MID EF	1502
271										462	#4	8-04	L	#4 @8" STIRR	2572
272						8			2	4	#9	13-06	H	4-#9 COR T&B	2938
273						8			2	2	#5	6-00	H	#5 @12" COR EF	200
274 MARK =B14															
275 REF.-(S412 & S403)(46 LFT)															
276						2			2	4	#9	40-00		4-#9 T&B	2176
277						2			2	2	#5	40-00		#5 @12" MID EF	334
278										72	#4	8-04	L	#4 @8" STIRR	401
279						2			2	4	#9	13-06	H	4-#9 COR T&B	734

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
280						2			2	2	#5	6-00	H	#5 @12" COR EF	50
281 MARK =B15															
282 REF.-(S412 & S403)(28 LFT)															
283									2	4	#9	30-00		4-#9 T&B	816
284									2	2	#5	30-00		#5 @12" MID EF	125
285										45	#4	8-04	L	#4 @8" STIRR	251
286									2	4	#9	13-06	H	4-#9 COR T&B	367
287									2	2	#5	6-00	H	#5 @12" COR EF	25
288 MARK =B16															
289 REF.-(S412 & S403)(38 LFT)															
290										3	#7	40-00		3-#7 TOP	245
291										4	#8	40-00		4-#8 BOT	427
292									2	1	#5	40-00		#5 @12" MID EF	83
293										116	#3	6-00	L	#3 @4" STIRR	262
294 MARK =B17															
295 REF.-(S412 & S403)(18 LFT)															
296									2	4	#9	20-00		4-#9 T&B	544
297									2	3	#5	20-00		#5 @12" MID EF	125
298										58	#4	8-04	L	#4 @4" STIRR	323
299									2	4	#9	13-06	H	4-#9 COR T&B	367
300									2	3	#5	6-00	H	#5 @12" COR EF	38
301															
302 LEVEL 275.17'															
303 REF.-(B/S408 & S403)(13065 SQ.FT)															
304									2	1080	#5	40-00		#5 @8" EW T&B	90115
305										820	#4	5-08	L	#4 @48" STANDEE	3104
306						40			2	1	#5	9-00		1-#5 ADDL T&B	751
307 CONCRETE STAIR															
308 REF.-(SD & S403)(100 SQ.FT)															
309										10	#4	40-00		#4 @8" EW	267
310									4	1	#4	7-08		1-#4 NOSING	20

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** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
311									4	9	#4	2-00	L	#4 @8" DWL	48
312															
313 MARK =RB1															
314 REF.-(S412 & S404)(164 LFT)															
315						5			2	4	#9	40-00		4-#9 T&B	5440
316						5			2	3	#5	40-00		#5 @12" MID EF	1252
317										250	#4	8-04	L	#4 @8" STIRR	1392
318						4			2	4	#9	13-06	H	4-#9 COR T&B	1469
319						4			2	3	#5	6-00	H	#5 @12" COR EF	150
320 MARK =RB2															
321 REF.-(S412 & S405)(582 LFT)															
322						18			2	5	#9	40-00		5-#9 T&B	24480
323						17			2	3	#5	40-00		#5 @12" MID EF	4255
324										880	#4	8-04	L	#4 @8" STIRR	4899
325						12			2	5	#9	13-06	H	5-#9 COR T&B	5508
326						12			2	3	#5	6-00	H	#5 @12" COR EF	451
327 MARK =RB3															
328 REF.-(S412 & S405)(703 LFT)															
329						21			2	5	#9	40-00		5-#9 T&B	28560
330						20			2	3	#5	40-00		#5 @12" MID EF	5006
331										1060	#4	8-04	L	#4 @8" STIRR	5901
332						10			2	5	#9	13-06	H	5-#9 COR T&B	4590
333						10			2	3	#5	6-00	H	#5 @12" COR EF	375
334 MARK =RB4															
335 REF.-(S412 & S404)(60 LFT)															
336						2			2	4	#9	40-00		4-#9 T&B	2176
337						2			2	2	#5	40-00		#5 @12" MID EF	334
338										92	#4	7-00	L	#4 @8" STIRR	430
339						4			2	4	#9	13-06	H	4-#9 COR T&B	1469
340						4			2	3	#5	6-00	H	#5 @12" COR EF	150
341 MARK =RB5															

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
342				REF.-(S412 & S404)(25 LFT)											
343									2	6	#9	30-00		6-#9 T&B	1224
344										6	#5	30-00		6-#5 MID	188
345										40	#4	9-00	L	#4 @8" STIRR	240
346				SOUTH STAIR											
347				REF.-(N/S414 & S413)(96 SQ.FT)											
348									2	9	#5	40-00		#5 @8" EW T&B	751
349										8	#4	6-08	L	#4 @48" STANDEE	36
350				REF.-(N/S414 & S413)											
351									4	6	#4	5-00		#4 @12" EW T&B	80
352										4	#4	5-08	L	#4 @48" STANDEE	15
353				REF.-(M/S414 & S413)(60 SQ.FT)											
354									2	5	#5	40-00		#5 @8" EW T&B	417
355										4	#4	6-08	L	#4 @48" STANDEE	18
356				REF.-(SDS & S404)(523 LFT)											
357									14	1	#4	40-00		1-#4 CONT	374
358										135	#4	3-00	L	#4 @48" DWL	271
359									4	1	#4	4-10	L	1-#4 COR	13
360															
361				CMU WALL										CMU WALL	
362				REF.-(B/S408 & S401)(89 LFT)(H= VARIES)											
363										35	#6	16-04		#6 @32" VERT	859
364										16	#6	16-04		#6 ADDL VERT	393
365										35	#6	8-04	H	#6 @32" VERT	438
366										16	#6	8-04	H	#6 ADDL VERT	200
367										2	#5	7-04		2-#5 LINTEL	15
368									2	2	#5	7-08		2-#5 LINTEL	32
369									2	2	#5	7-08		2-#5 SILL	32
370										2	#5	10-04		2-#5 LINTEL	22
371										16	#3	2-04	L	#3 @8" STIRR	14
372						2			6	2	#5	20-00		2-#5 BB	501

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LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
373									2	2	#5	5-02	H	2-#5 BB COR	22
374 REF.-(B/S408 & S401)(30 LFT)(H= VARIES)															
375										12	#6	16-04		#6 @32" VERT	294
376										8	#6	16-04		#6 ADDL VERT	196
377										2	#5	7-04		2-#5 LINTEL	15
378									2	2	#5	20-00		2-#5 BB	83
379									2	2	#5	5-02	H	2-#5 BB COR	22
380 REF.-(B/S408 & S401)(137 LFT)(H= VARIES)															
381										55	#6	16-10		#6 @32" VERT	1391
382										22	#6	16-10		#6 ADDL VERT	556
383										55	#6	7-08	H	#6 @32" VERT	633
384										22	#6	7-08	H	#6 ADDL VERT	253
385									2	2	#5	10-04		2-#5 LINTEL	43
386									2	16	#3	2-04	L	#3 @8" STIRR	28
387						2			8	2	#5	20-00		2-#5 BB	668
388						2			2	2	#5	5-02	H	2-#5 BB COR	43
389 REF.-(B/S408 & S401)(34 LFT)(H= VARIES)															
390										15	#6	61-09		#6 @32" VERT	1391
391										8	#6	61-09		#6 ADDL VERT	742
392										15	#6	8-04	H	#6 @32" VERT	188
393										8	#6	8-04	H	#6 ADDL VERT	100
394						4			3	2	#5	20-00		2-#5 BB	501
395						4			2	2	#5	5-02	H	2-#5 BB COR	86
396 REF.-(C/S409 & S401)(23 LFT)(H= VARIES)															
397										10	#6	61-09		#6 @32" VERT	927
398										6	#6	61-09		#6 ADDL VERT	556
399										10	#6	8-04	H	#6 @32" VERT	125
400										6	#6	8-04	H	#6 ADDL VERT	75
401						4			2	2	#5	20-00		2-#5 BB	334
402						4			2	2	#5	5-02	H	2-#5 BB COR	86
403 REF.-(B/S408 & S401)(11 LFT)(H= VARIES)															

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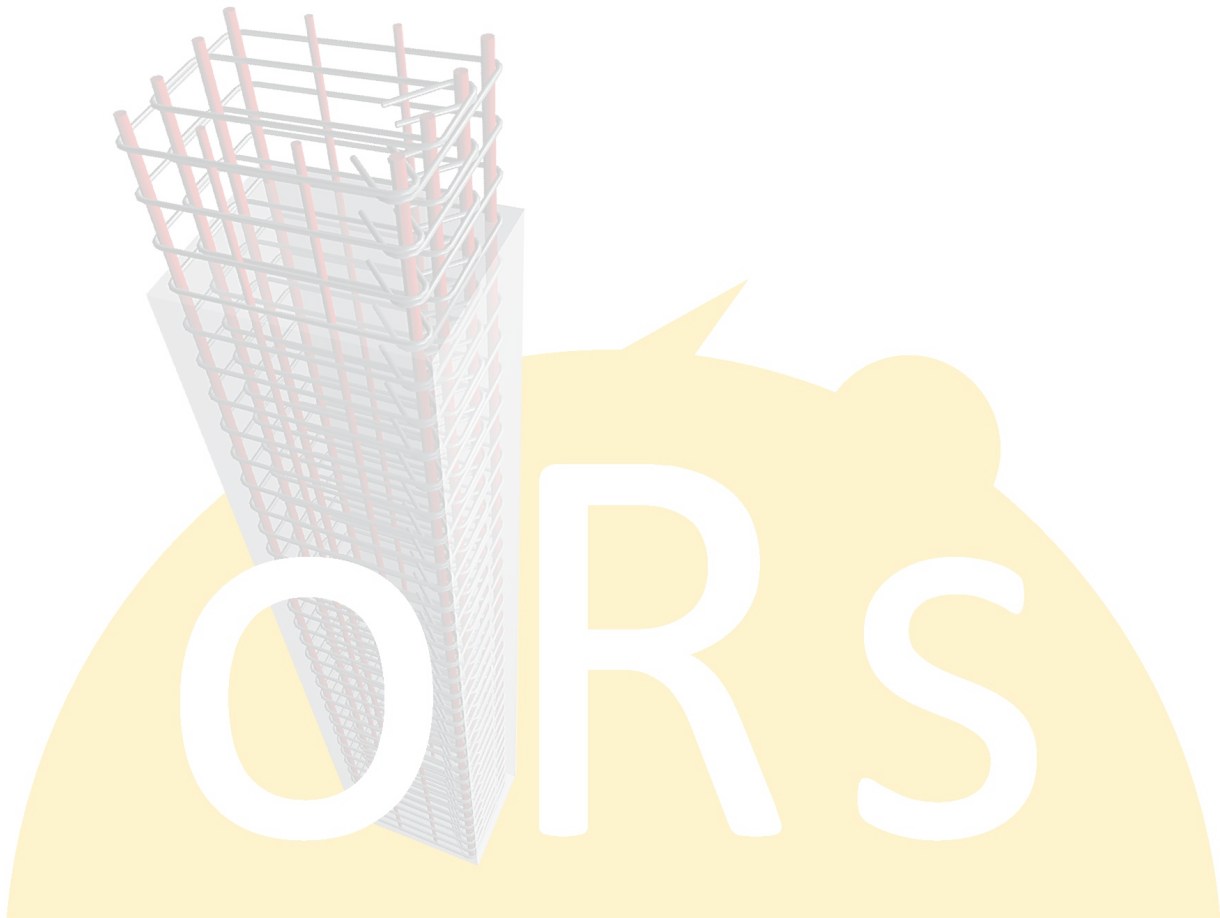
** ESTIMATING BAR LIST **

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
404										6	#6	32-07		#6 @32" VERT	294
405										4	#6	32-07		#6 ADDL VERT	196
406										6	#6	8-04	H	#6 @32" VERT	75
407										4	#6	8-04	H	#6 ADDL VERT	50
408									2	2	#5	20-00		2-#5 BB	83
409									2	2	#5	5-02	H	2-#5 BB COR	22
410 REF.-(C/S409 & S401)(23 LFT)(H= VARIES)															
411										10	#6	16-10		#6 @32" VERT	253
412										6	#6	16-10		#6 ADDL VERT	152
413										10	#6	7-08	H	#6 @32" VERT	115
414										6	#6	7-08	H	#6 ADDL VERT	69
415									2	2	#5	10-04		2-#5 LINTEL	43
416									2	16	#3	2-04	L	#3 @8" STIRR	28
417						2			8	2	#5	20-00		2-#5 BB	668
418						2			2	2	#5	5-02	H	2-#5 BB COR	43
419 REF.-(B/S408 & S401)(523 LFT)(H= VARIES)															
420										200	#6	21-08		#6 @32" VERT	6509
421										120	#6	21-08		#6 ADDL VERT	3905
422										200	#6	9-00	H	#6 @32" VERT	2704
423										120	#6	9-00	H	#6 ADDL VERT	1622
424										2	#5	7-04		2-#5 LINTEL	15
425									4	2	#5	9-04		2-#5 LINTEL	78
426									4	2	#5	9-04		2-#5 SILL	78
427									4	16	#3	2-04	L	#3 @8" STIRR	56
428									2	2	#5	10-04		2-#5 LINTEL	43
429									2	15	#3	3-00	L	#3 @8" STIRR	34
430									10	2	#6	20-00		2-#6 LINTEL	601
431									10	2	#6	20-00		2-#5 SILL	601
432									10	31	#3	3-08	L	#3 @8" STIRR	427
433						2			31	2	#5	20-00		2-#5 BB	2587
434						2			4	2	#5	5-02	H	2-#5 BB COR	86

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**** ESTIMATING BAR LIST ****

LINE	LA	EP	A/D	STRUCTURE	MULT	REQ	CODE	+	X	QTY	SZ/GR	LENGTH	B	COMMENT	LINE LB
435															

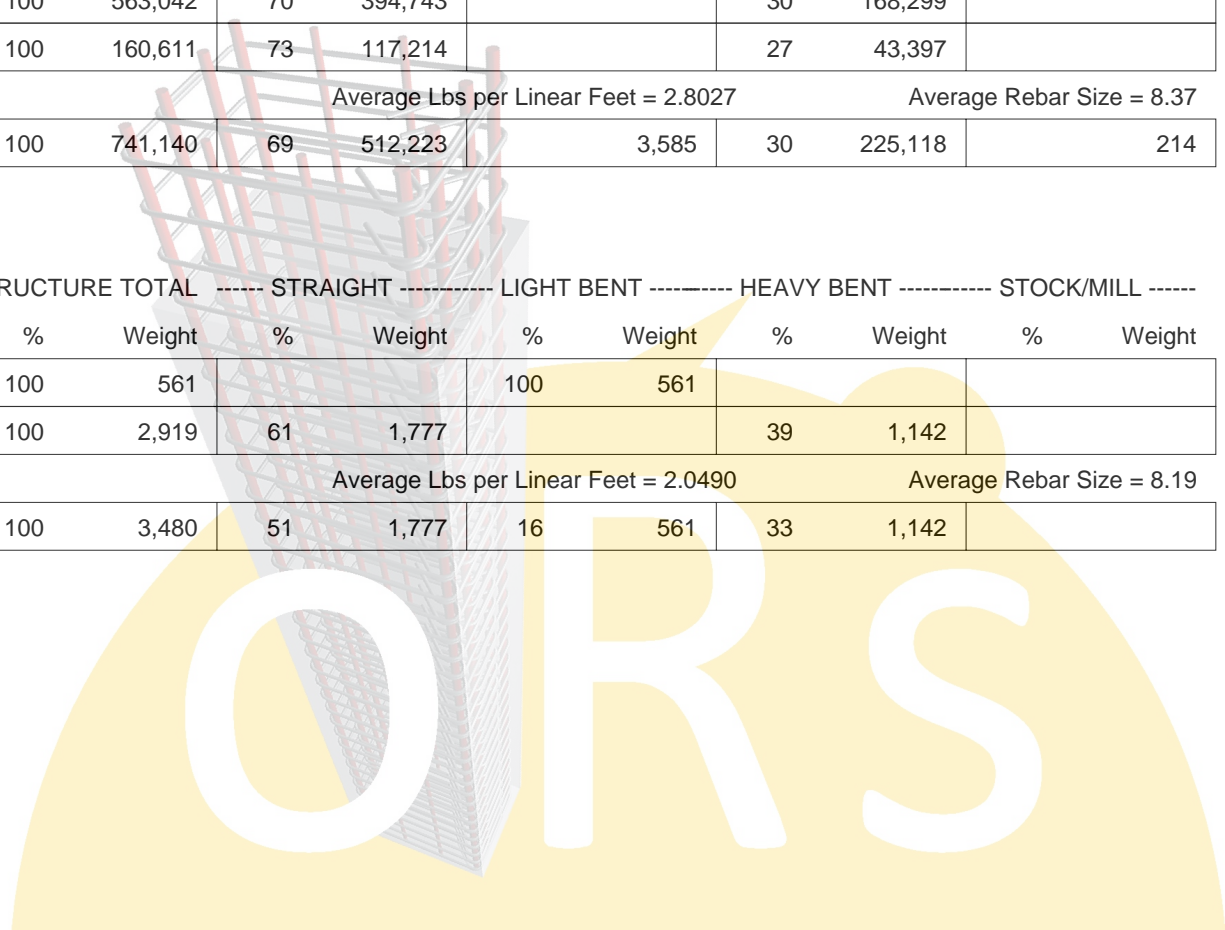


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** TOTALS PAGE (LBS) **

MAT FOOTING		STRUCTURE TOTAL		STRAIGHT		LIGHT BENT		HEAVY BENT		STOCK/MILL	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight	
#4 Gr 60	100	3,799			94	3,585			6	214	
#5 Gr 60	100	7,885	3	266			97	7,619			
#6 Gr 60	100	820					100	820			
#7 Gr 60	100	4,983					100	4,983			
#8 Gr 60	100	563,042	70	394,743			30	168,299			
#10 Gr 60	100	160,611	73	117,214			27	43,397			
Average Lbs per Linear Feet = 2.8027						Average Rebar Size = 8.37					
Total 370.6 Tons	100	741,140	69	512,223		3,585	30	225,118		214	

CONC.COLUMN		STRUCTURE TOTAL		STRAIGHT		LIGHT BENT		HEAVY BENT		STOCK/MILL	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight	
#4 Gr 60	100	561			100	561					
#9 Gr 60	100	2,919	61	1,777			39	1,142			
Average Lbs per Linear Feet = 2.0490						Average Rebar Size = 8.19					
Total 1.8 Tons	100	3,480	51	1,777	16	561	33	1,142			



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** TOTALS PAGE (LBS) **

CONC.WALL	STRUCTURE TOTAL		STRAIGHT		LIGHT BENT		HEAVY BENT		STOCK/MILL	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#4 Gr 60	100	11,205			29	3,269	69	7,776	1	160
#5 Gr 60	100	6,102					100	6,102		
#6 Gr 60	100	27,184	40	10,749			60	16,435		
#7 Gr 60	100	65,673	80	52,666			20	13,007		
#8 Gr 60	100	642,397	85	546,699			15	95,698		
#9 Gr 60	100	201,581	99	198,915			1	2,666		
#10 Gr 60	100	367,740	88	322,722			12	45,018		
Average Lbs per Linear Feet = 2.8849					Average Rebar Size = 8.57					
Total 661.0 Tons	100	1,321,882	86	1,131,751		3,269	14	186,702		160

UPPER LEVEL	STRUCTURE TOTAL		STRAIGHT		LIGHT BENT		HEAVY BENT		STOCK/MILL	
SIZE	%	Weight	%	Weight	%	Weight	%	Weight	%	Weight
#3 Gr 60	100	2,244			100	2,244				
#4 Gr 60	100	24,999		100	97	24,258			3	641
#5 Gr 60	100	109,881	99	108,317			1	1,439		125
#6 Gr 60	100	38,101	84	31,963			16	6,138		
#7 Gr 60	100	27,696	100	27,696						
#8 Gr 60	100	39,197	100	39,197						
#9 Gr 60	100	120,836	86	103,394			14	17,442		
Average Lbs per Linear Feet = 1.5258					Average Rebar Size = 6.83					
Total 181.5 Tons	100	362,954	86	310,667	7	26,502	7	25,019		766

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**** TOTALS PAGE (LBS) ****

CMU WALL SIZE	STRUCTURE TOTAL %	Weight	STRAIGHT %	Weight	LIGHT BENT %	Weight	HEAVY BENT %	Weight	STOCK/MILL %	Weight
#3 Gr 60	100	587			100	587				
#5 Gr 60	100	6,251	7	416			7	410	87	5,425
#6 Gr 60	100	26,463	75	19,816			25	6,647		
Average Lbs per Linear Feet = 1.3229					Average Rebar Size = 5.76					
Total 16.7 Tons	100	33,301	61	20,232	2	587	21	7,057	16	5,425

GRAND TOTALS SIZE	TOTAL %	Weight	STRAIGHT %	Weight	LIGHT BENT %	Weight	HEAVY BENT %	Weight	STOCK/MILL %	Weight
#3 Gr 60	100	2,831			100	2,831				
#4 Gr 60	100	40,564			78	31,673	19	7,776	3	1,015
#5 Gr 60	100	130,119	84	108,999			12	15,570	4	5,550
#6 Gr 60	100	92,568	68	62,528			32	30,040		
#7 Gr 60	100	98,352	82	80,362			18	17,990		
#8 Gr 60	100	1,244,636	79	980,639			21	263,997		
#9 Gr 60	100	325,336	93	304,086			7	21,250		
#10 Gr 60	100	528,351	83	439,936			17	88,415		
Average Lbs per Linear Feet = 2.4942					Average Rebar Size = 8.22					
Total 1,231.4 Tons	100	2,462,757	80	1,976,650	1	34,504	18	445,038		6,565