

Project Name:

Architect:

Engineer:

Customer:

Job Type: Lump Sum

Estimator: admin

Creation Date: 2024-05-10

Last Modified: 2025-08-06

Status: Complete

Escalation: No

Cover Page Comments:

ESTIMATE INFORMATION

TYPE OF WORK:WASTEWATER SYSTEM UPGRADE

SCOPE OF WORK:PUMPSTATION 1,2,3
BASE SLAB,CONC. WALLS,COLUMNS,SLABS,CONC. BEAMS,MASONRY,CONC. CURB
EQUIPMENT PADS,PUMP BASES,SIDEWALK SLAB

1-DETAILING:DRAWINGS/DESIGN:5 OUT OF 5 (GOOD DRAWINGS)
DIFFICULTY DETAILING/ESTIMATING 8 OUT OF 10
PS#1 AND PS#2 ARE TYPICAL (IDENTICAL):COST SAVING FOR DETAILING/MANAGING

2-REBAR BLACK 400MPa

3-MISC. ITEMS:BOTTONHEAD BARS 60 PCs 25M AND
176 PCs 20M

4-NOTE:N/A

5-ADDENDUM:#1,#2,#3,#4,#5,#6 (AFFECTED),#7, SEEN

6-EXCLUDED:ALL REBAR RELATED TO SHORING IN FDN WALLS (NEED TO BE DESIGNED)
NOTE AT DETAIL 3-3/S3040

MEHDI

Drawing References:

DRAWINGS:

S0001,S1001,S1002,S1003,S1010,S1020,S1021,S1030,S1031,S1040,S2001
S2002,S2003,S2010,S2020,S2021,S2030,S2031,S2040,S3001,S3002,S3003
S3004,S3010,S3020,S3021,S3022,S3030,S3031,S3032,S3033,S3040,S8001
S8002,S8003,S8004
DATED:20/02/2025 REVISED AS PER ADDENDUM #6
CIVIL,ELECTRICAL,MECH.,PROCESS DRAWINGS SEEN

Segment Summary					
Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Kgs)	Costing
Included Segments:					

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Kgs)	Costing
PS#1	105,559	0	0	105,559	No
BASE SLAB	29,259	0	0	29,259	No
BASE SLAB/STANDEES	692	0	0	692	No
DOWELS TO WALLS	7,787	0	0	7,787	No
CONC. WALLS	42,053	0	0	42,053	No
DOWELS TO PILASTER	75	0	0	75	No
WALL PILASTERS	458	0	0	458	No
DOWELS TO COLUMNS	207	0	0	207	No
COLUMNS	1,072	0	0	1,072	No
ROOF SLAB	6,907	0	0	6,907	No
CONC. BEAMS	2,047	0	0	2,047	No
CONC. BENCHING	834	0	0	834	No
DRILL DOWELS	332	0	0	332	No
INDOOR EQUIPMENT PADS	1,088	0	0	1,088	No
PUMP BASE & THRUST BLOCK	1,222	0	0	1,222	No
CONC. CURB	323	0	0	323	No
STAIR LANDING	168	0	0	168	No
CONC. HATCH	157	0	0	157	No
DOWELS TO MASONRY	1,381	0	0	1,381	No
MASONRY WALLS	7,779	0	0	7,779	No
STEEL DECK SLAB	935	0	0	935	No
CONC. SIDEWALK	783	0	0	783	No
PS#2	105,578	0	0	105,578	No
BASE SLAB	29,259	0	0	29,259	No
BASE SLAB/STANDEES	692	0	0	692	No
DOWELS TO WALLS	7,787	0	0	7,787	No
CONC. WALLS	42,053	0	0	42,053	No
DOWELS TO PILASTER	75	0	0	75	No
WALL PILASTER	458	0	0	458	No
DOWELS TO COLUMNS	207	0	0	207	No
COLUMNS	1,072	0	0	1,072	No
ROOF SLAB	6,907	0	0	6,907	No
CONC. BEAMS	2,047	0	0	2,047	No
CONC. BENCHING	834	0	0	834	No
DRILL DOWELS	332	0	0	332	No
INDOOR EQUIPMENT PADS	1,088	0	0	1,088	No
PUMP BASE & TRUSTBLOCK	1,222	0	0	1,222	No
CONC. CURBS	323	0	0	323	No
STAIR LANDING	168	0	0	168	No
CONC. HATCH	157	0	0	157	No
DOWLS TO MASONRY WALLS	1,400	0	0	1,400	No
MASONRY WALLS	7,779	0	0	7,779	No
STEEL DECK SLAB	935	0	0	935	No
CONC. SIDEWALK	783	0	0	783	No

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Kgs)	Costing
PS#3	285,739	0	0	285,739	No
BASE SLAB	73,131	0	0	73,131	No
BASE SLAB/STANDEES	2,505	0	0	2,505	No
DOWELS TO CONC. WALLS	13,815	0	0	13,815	No
CONC. WALLS	106,498	0	0	106,498	No
DOWELS TO PILASTERS	301	0	0	301	No
PILASTERS	1,831	0	0	1,831	No
DOWELS TO COLUMNS	518	0	0	518	No
COLUMNS	4,569	0	0	4,569	No
GRINDER CHANNEL WALLS	7,681	0	0	7,681	No
SLAB AT CHANNEL LEVEL	8,857	0	0	8,857	No
CONC. BEAMS	12,535	0	0	12,535	No
CONC. BENCHING	5,088	0	0	5,088	No
DRILL DOWELS	1,068	0	0	1,068	No
MAIN SLAB	12,416	0	0	12,416	No
EQUIPMENT PADS	2,268	0	0	2,268	No
PUMP BASE & THRUSTBLOCK	3,261	0	0	3,261	No
STAIR LANDING	2,944	0	0	2,944	No
CONC. CURB	723	0	0	723	No
CONC. HATCH	394	0	0	394	No
DOWELS TO MASONRY	3,338	0	0	3,338	No
MASONRY WALLS	15,388	0	0	15,388	No
STEEL DECK SLAB	5,506	0	0	5,506	No
CONC. SIDEWALK	783	0	0	783	No
CANOPY FTG	321	0	0	321	No

Estimate Defaults

Size Unit: Metric	Building Code: ACI 1983
Length Unit: Millimeters	Concrete Strength: 25
Weight Unit: Kilograms	Lap Table:
Soft Hooks: No	Estimating Lap: 40D
Seismic Hooks: No	Steel Manufactured In: ANY
	Tie Clearance: 40
	Spiral Clearance: 80
	Spacing Tolerance: 0
Rebar Coating: Black	Rebar Grade: 400
Plain Coating: Black	Plain Grade: 400
Number of lap lengths to extend a stock bar before lapping: 1	

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes
1	GI	Segment: PS#1 Sub-Segment: BASE SLAB																	
2	MT	BASE SLAB																	
3	TR	RA		400		150	150	2	25M	H	20750	10200	S90	S90	S90	40D	9000	25,966	TNB EW
4	MT	SUMP																	
5	TR	BF		400		4600	150	2	25M	H	1500	40D	1200	1500	40D			1,562	DWL
6	TR	BF		400		4600	150	2	25M	H	1500	S90	S90	1500				955	DWL
7	TR	BF		400		9200	150		25M	H	1000	40D						497	DWL
8	TR	BF		400		1000	150		15M	S	9200							116	HRZ
9	TR	BF		400		1000	150	4	15M	H	40D	40D						64	CRNR BAR
10	TR	BF		400		9200	150		15M	S	1000							99	VRT
11	GI	Segment: PS#1 Sub-Segment: BASE SLAB/STANDEES																	
12	MT	STANDEES																	
13	TR	BF		400	140				20M	H	600	600	300	300	300			692	STANDEES
14	GI	Segment: PS#1 Sub-Segment: DOWELS TO WALLS																	
15	MT	1-3/S1040 EXT. WALLS																	
16	TR	BF		400		47600	150		25M	H	2300	1000						4,132	DWL
17	TR	BF		400		47600	150		20M	H	1800	670						1,856	DWL
18	MT	2/1040 INTERIOR WALL																	
19	TR	BF		400	2			2	25M	H	2300	1000						52	DWL
20	TR	BF		400		8100	150	2	25M	H	2300	1000						1,425	DWL
21	MT	1/1040 INTERIOR WALL																	
22	TR	BF		400		8100	150	2	15M	H	1200	600						311	DWL
23	TR	BF		400	2			2	15M	H	1200	600						11	DWL
24	GI	Segment: PS#1 Sub-Segment: CONC. WALLS																	
25	MT	1-3/S1040 EXT. WALLS																	
26	TR	BF		400		47600	150		20M	S	5500	40D						4,718	VRT
27	TR	BF		400		47600	150		25M	H	5500	S90						7,387	VRT
28	TR	BF		400		47600	150	2	15M	H	2000	40D	S90					2,905	VRT
29	TR	LS		400		5500	150		25M	S	47600				1	40D	9000	7,853	HRZ
30	TR	LS		400		5500	150		15M	S	47600				1	40D	9000	3,031	HRZ
31	TR	LS		400		1500	150		25M	S	47600				1	40D	9000	2,273	HRZ
32	TR	LS		400		1500	150		15M	S	47600				1	40D	9000	877	HRZ
33	TR	LS		400		500	150	2	25M	S	47600				1	40D	9000	2,067	HRZ
34	TR	BF		400		5500	150	4	15M	H	40D	40D						305	CRNR BAR
35	TR	BF		400		5500	150	4	25M	H	40D	40D						1,205	CRNR BAR
36	TR	BF		400		500	150	2*4	25M	H	40D	40D						317	CRNR BAR
37	TR	BF		400		1500	150	4	25M	H	40D	40D						349	CRNR BAR
38	TR	BF		400		1500	150	4	15M	H	40D	40D						88	CRNR BAR
39	MT	2/1040 INTERIOR WALL																	
40	TR	BF		400	2			2	25M	H	7500	40D						134	VRT
41	TR	BF		400		8100	150	2	25M	H	7500	40D						3,674	VRT
42	TR	LS		400		7500	150	2	15M	S	8100				1	40D	9000	1,297	HRZ
43	TR	BF		400		7500	150	2*2	15M	H	40D	40D						410	CRNR BAR
44	MT	1/1040 INTERIOR WALL																	
45	TR	BF		400	2			2	15M	H	7500	40D						51	VRT
46	TR	BF		400		8100	150	2	15M	H	7500	40D						1,406	VRT
47	TR	LS		400		7500	150	2	15M	S	8100				1	40D	9000	1,297	HRZ
48	TR	BF		400		7500	150	2*2	15M	H	40D	40D						410	CRNR BAR
49	GI	Segment: PS#1 Sub-Segment: DOWELS TO PILASTER																	
50	MT	PILASTER																	
51	GM								2										
52	TR	BF		400	8				20M	H	1400	600						75	DWL
53	GM																		
54	GI	Segment: PS#1 Sub-Segment: WALL PILASTERS																	
55	MT	PILASTER																	
56	GM								2										
57	TR	BF		400	8				20M	S	7500	40D						312	VRT
58	TR	TA		400		7500	300		10M	L	500	500		40	4			89	TIE
59	TR	BF		400		7500	300	2	10M	L	500	2S90						57	TIE
60	GM																		
61	MT	BUTTON HEAD																	

L											L2	L3	L4	L5	Lap	Stock	Kgs	Notes	
62	TI	Pcs			16						BUTTONHEAD						0	20M	
63	GI	Segment: PS#1 Sub-Segment: DOWELS TO COLUMNS																	
64	MT	COLUMNS																	
65	GM						8												
66	TR	BF		400	5				20M	H	1600	600					207	DWL	
67	GM																		
68	GI	Segment: PS#1 Sub-Segment: COLUMNS																	
69	MT	COLUMNS																	
70	GM						8												
71	TR	BF		400	5				20M	S	7500	40D					780	VRT	
72	TR	TC		400		7500	300		10M	L	400			40	6	40D	292	TIE	
73	GM																		
74	MT	BUTTON HEADS																	
75	TI	Pcs			40				BUTTONHEAD								0	20M	
76	GI	Segment: PS#1 Sub-Segment: ROOF SLAB																	
77	MT	ROOF SLAB																	
78	TR	RA		400		150	150	2	15M	H	19350	8600	S90	S90	S90	40D	9000	7,641	TNB EW
79	TR	RA		400		150	150	-2	15M	H	8000	3000				40D	9000	-1,046	TNB EW
80	MT	OPENING																	
81	TR	BF		400		3000	200	7	15M	H	400	400	200					176	U BAR
82	TR	BF		400	4*2			7	15M	S	1550							136	ADD
83	GI	Segment: PS#1 Sub-Segment: CONC. BEAMS																	
84	MT	B2																	
85	TR	BF		400	6				20M	S	3000							42	TNB
86	TR	TA		400		3000	200		10M	L	400	350		40	0			17	TIE
87	MT	B3																	
88	TR	BF		400	5				30M	H	10500	2S90	2S90					343	BOT
89	TR	BF		400	5				25M	H	10500	2S90	2S90					237	TOP
90	TR	BF		400	2			2	20M	S	10500							99	HRZ
91	TR	TA		400		10500	125		10M	L	550	750		40	0			165	TIE
92	TR	TA		400		10500	125		10M	L	550	250		40	0			99	TIE
93	MT	B4																	
94	TR	BF		400	3			2	25M	S	8700							205	TNB
95	TR	TA		400		8700	150		10M	L	600	500		40	0			96	TIE
96	MT	B4																	
97	TR	BF		400	3			2	25M	S	8700							205	TNB
98	TR	TA		400		8700	150		10M	L	600	500		40	0			96	TIE
99	MT	B7																	
100	TR	BF		400	10				25M	H	4000	2S90						188	TNB
101	TR	BF		400		4000	200		10M	H	400	550	550	40D	40D			40	TIE
102	MT	B8																	
103	TR	BF		400	10				25M	H	4000	2S90						188	TNB
104	TR	BF		400		4000	200		10M	H	400	450	450	2S90				27	TIE
105	GI	Segment: PS#1 Sub-Segment: CONC. BENCHING																	
106	MT	CONC. BENCHING																	
107	TR	RA		400		150	150		15M	S	3550	3000				40D	6000	235	EW
108	TR	RA		400		150	150		15M	S	4000	3000				40D	6000	264	EW
109	TR	RA		400		150	150		15M	S	3000	3000				40D	6000	198	EW
110	TR	RA		400		150	150		15M	S	2000	3000				40D	6000	137	EW
111	GI	Segment: PS#1 Sub-Segment: DRILL DOWELS																	
112	MT	DRILL DOWELS																	
113	TR	BF		400		3000	150	6*2	15M	S	40D	200						332	DRILL DWL
114	GI	Segment: PS#1 Sub-Segment: INDOOR EQUIPMENT PADS																	
115	MT	EQ. PAD																	
116	GM						4												
117	TR	RA		400		300	300		15M	S	1100	1100				40D	9000	70	EW
118	TR	BF		400	2				10M	S	4500							28	HRZ
119	TR	BF		400	2			4	10M	H	40D	40D						23	CRNR BAR
120	TR	BF		400		4400	300		15M	H	650	S90	S90					118	DWL
121	GM																		
122	MT	EQ. PAD																	

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes
123	GM							4											
124	TR	RA		400		300	300		15M	S	1000	600				40D	9000	38	EW
125	TR	BF		400	2				10M	S	3200							20	HRZ
126	TR	BF		400	2			4	10M	H	40D	40D						23	CRNR BAR
127	TR	BF		400		3200	300		15M	H	650	S90	S90					88	DWL
128	GM																		
129	MT	EQ. PAD																	
130	TR	RA		400		300	300		15M	S	1100	1100				40D	9000	18	EW
131	TR	BF		400	2				10M	S	4500							7	HRZ
132	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
133	TR	BF		400		4400	300		15M	H	650	S90	S90					29	DWL
134	MT	EQ. PAD																	
135	TR	RA		400		300	300		15M	S	1000	600				40D	9000	10	EW
136	TR	BF		400	2				10M	S	3200							5	HRZ
137	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
138	TR	BF		400		3200	300		15M	H	650	S90	S90					22	DWL
139	MT	EQ. PAD																	
140	TR	RA		400		300	300		15M	S	1100	1100				40D	9000	18	EW
141	TR	BF		400	2				10M	S	4500							7	HRZ
142	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
143	TR	BF		400		4400	300		15M	H	650	S90	S90					29	DWL
144	MT	EQ. PAD																	
145	TR	RA		400		300	300		15M	S	1000	600				40D	9000	10	EW
146	TR	BF		400	2				10M	S	3200							5	HRZ
147	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
148	TR	BF		400		3200	300		15M	H	650	S90	S90					22	DWL
149	MT	EQ. PAD																	
150	TR	RA		400		300	300		15M	S	3300	700				40D	9000	34	EW
151	TR	BF		400	2				10M	S	8000							13	HRZ
152	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
153	TR	BF		400		8000	300		15M	H	650	S90	S90					51	DWL
154	MT	EQ. PAD																	
155	TR	RA		400		300	300		15M	S	2300	800				40D	9000	25	EW
156	TR	BF		400	2				10M	S	6000							9	HRZ
157	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
158	TR	BF		400		6000	300		15M	H	650	S90	S90					39	DWL
159	MT	EQ. PAD																	
160	TR	RA		400		300	300		15M	S	1400	800				40D	9000	17	EW
161	TR	BF		400	2				10M	S	4400							7	HRZ
162	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
163	TR	BF		400		4400	300		15M	H	650	S90	S90					29	DWL
164	MT	EQ. PAD																	
165	TR	RA		400		300	300		15M	S	3000	1300				40D	9000	50	EW
166	TR	BF		400	2			2	10M	S	9500							30	HRZ
167	TR	BF		400	2*2			4	10M	H	40D	40D						11	CRNR BAR
168	TR	BF		400		9500	300		15M	H	650	S90	S90					61	DWL
169	MT	EQ. PAD																	
170	TR	RA		400		300	300		15M	S	1400	1400				40D	9000	26	EW
171	TR	BF		400	2				10M	S	6000							9	HRZ
172	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR
173	TR	BF		400		6000	300		15M	H	650	S90	S90					39	DWL
174	GI	Segment: PS#1 Sub-Segment: PUMP BASE & THRUST BLOCK																	
175	MT	PUMP BASE																	
176	GM							3											
177	TR	BF		400		2000	300	2	15M	H	500	1200	S90	S90				167	VRT
178	TR	BF		400		1500	300	2	15M	S	2000							113	HRZ
179	TR	BF		400		1500	300	2*4	15M	H	40D	40D						289	CRNR BAR
180	GM																		
181	MT	PUMP BASE																	
182	GM							3											
183	TR	BF		400		2000	300	3	15M	H	500	1200	S90	S90				251	VRT

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes	
184	TR	BF		400		1500	300	2	15M	S	2000							113	HRZ	
185	TR	BF		400		1500	300	2*4	15M	H	40D	40D						289	CRNR BAR	
186	GM																			
187	GI	Segment: PS#1 Sub-Segment: CONC. CURB																		
188	MT	CURB																		
189	TR	BF		400		49500	300		15M	H	300	200	S90					198	DWL	
190	TR	LS		400		300	200		10M	S	49500				1	40D	6000	125	HRZ	
191	GI	Segment: PS#1 Sub-Segment: STAIR LANDING																		
192	MT	STAIR LANDING																		
193	TR	RA		400		300	300	2	15M	S	2650	2700				40D	9000	168	TNBEW	
194	GI	Segment: PS#1 Sub-Segment: CONC. HATCH																		
195	MT	CURB																		
196	GM								4											
197	TR	BF		400		6000	300		15M	H	300	200	S90					100	DWL	
198	TR	LS		400		300	200		10M	S	6000				1	40D	6000	57	HRZ	
199	GM																			
200	GI	Segment: PS#1 Sub-Segment: DOWELS TO MASONRY																		
201	MT	W1																		
202	TR	BF		400		49500	600		25M	S	1300	1300						857	DWL	
203	TR	BF		400	2			4	25M	S	40D	40D						63	DWL	
204	MT	W1																		
205	TR	BF		400		8700	600		25M	S	1300	1300						163	DWL	
206	TR	BF		400	2			2	25M	S	1300	1300						41	DWL	
207	MT	W1																		
208	TR	BF		400		8700	600		25M	S	1300	1300						163	DWL	
209	TR	BF		400	2			2	25M	S	1300	1300						41	DWL	
210	MT	W2																		
211	TR	BF		400		8700	1200		20M	S	870	870						37	DWL	
212	TR	BF		400	2			2	20M	S	870	870						16	DWL	
213	GI	Segment: PS#1 Sub-Segment: MASONRY WALLS																		
214	MT	W1																		
215	TR	LS		400		49500	600		25M	S	5800				1	1300	1800	4,484	VRT	
216	TR	LS		400	2			4	25M	S	5800				1	1300	1800	427	VRT	
217	TR	LS		400		5800	2000		20M	S	49500				1	40D	6000	532	BND BM	
218	TR	BF		400		5800	2000	4	20M	H	40D	40D						59	CRNR BAR	
219	MT	W1																		
220	TR	LS		400		8700	600		25M	S	3000				1	1300	1800	188	VRT	
221	TR	LS		400	2			2	25M	S	5800				1	1300	1800	214	VRT	
222	TR	LS		400		3000	2000		20M	S	8700				1	40D	6000	67	BND BM	
223	TR	BF		400		3000	2000	2	20M	H	40D	40D						22	CRNR BAR	
224	MT	W1																		
225	TR	LS		400		8700	600		25M	S	5600				1	1300	1800	760	VRT	
226	TR	LS		400	2			2	25M	S	5800				1	1300	1800	214	VRT	
227	TR	LS		400		5600	2000		20M	S	8700				1	40D	6000	89	BND BM	
228	TR	BF		400		5600	2000	2	20M	H	40D	40D						29	CRNR BAR	
229	MT	W2																		
230	TR	LS		400		8700	1200		20M	S	5600				1	870	1800	192	VRT	
231	TR	LS		400	2			2	20M	S	5800				1	870	1800	87	VRT	
232	TR	LS		400		5600	2000		20M	S	8700				1	40D	6000	89	BND BM	
233	TR	BF		400		5600	2000	2	20M	H	40D	40D						29	CRNR BAR	
234	MT	B5																		
235	TR	BF		400	8				15M	S	8700							109	TNB	
236	TR	BF		400	2				15M	S	8700							27	TNB	
237	TR	TA		400		8700	150		10M	L	600	400		40	0			87	TIE	
238	TR	TA		400		8700	150		10M	L	400	400		40	0			69	TIE	
239	GI	Segment: PS#1 Sub-Segment: STEEL DECK SLAB																		
240	MT	STEEL DECK SLAB																		
241	TR	RA		400		200	200	2	15M	S	8100	3430				40D	9000	935	EW	
242	GI	Segment: PS#1 Sub-Segment: CONC. SIDEWALK																		
243	MT	SIDEWALK																		
244	TR	RA		400		300	300		15M	S	16200	1500				40D	9000	289	EW	

Line	Mat	Func	Placing	Grd	Qty	Span	Spccg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes	
245	TR	BF		400		16200	300		15M	S	1500							130	DWL	
246	TR	BF		400		19200	300		15M	H	250	250	250	300	250			198	DWL	
247	TR	LS		400	2			2	15M	S	19500				1	40D	6000	135	TNB	
248	TR	BF		400	2*2			4	15M	H	40D	40D						32	CRNR BAR	
249	GI	Segment: PS#2 Sub-Segment: BASE SLAB																		
250	MT	BASE SLAB																		
251	TR	RA		400		150	150	2	25M	H	20750	10200	S90	S90	S90	40D	9000	25,966	TNB EW	
252	MT	SUMP																		
253	TR	BF		400		4600	150	2	25M	H	1500	40D	1200	1500	40D			1,562	DWL	
254	TR	BF		400		4600	150	2	25M	H	1500	S90	S90	1500				955	DWL	
255	TR	BF		400		9200	150		25M	H	1000	40D						497	DWL	
256	TR	BF		400		1000	150		15M	S	9200							116	HRZ	
257	TR	BF		400		1000	150	4	15M	H	40D	40D						64	CRNR BAR	
258	TR	BF		400		9200	150		15M	S	1000							99	VRT	
259	GI	Segment: PS#2 Sub-Segment: BASE SLAB/STANDEES																		
260	MT	STANDEES																		
261	TR	BF		400	140				20M	H	600	600	300	300	300			692	STANDEES	
262	GI	Segment: PS#2 Sub-Segment: DOWELS TO WALLS																		
263	MT	1-3/S1040 EXT. WALLS																		
264	TR	BF		400		47600	150		25M	H	2300	1000						4,132	DWL	
265	TR	BF		400		47600	150		20M	H	1800	670						1,856	DWL	
266	MT	2/1040 INTERIOR WALL																		
267	TR	BF		400	2			2	25M	H	2300	1000						52	DWL	
268	TR	BF		400		8100	150	2	25M	H	2300	1000						1,425	DWL	
269	MT	1/1040 INTERIOR WALL																		
270	TR	BF		400		8100	150	2	15M	H	1200	600						311	DWL	
271	TR	BF		400	2			2	15M	H	1200	600						11	DWL	
272	GI	Segment: PS#2 Sub-Segment: CONC. WALLS																		
273	MT	1-3/S1040 EXT. WALLS																		
274	TR	BF		400		47600	150		20M	S	5500	40D						4,718	VRT	
275	TR	BF		400		47600	150		25M	H	5500	S90						7,387	VRT	
276	TR	BF		400		47600	150	2	15M	H	2000	40D	S90					2,905	VRT	
277	TR	LS		400		5500	150		25M	S	47600				1	40D	9000	7,853	HRZ	
278	TR	LS		400		5500	150		15M	S	47600				1	40D	9000	3,031	HRZ	
279	TR	LS		400		1500	150		25M	S	47600				1	40D	9000	2,273	HRZ	
280	TR	LS		400		1500	150		15M	S	47600				1	40D	9000	877	HRZ	
281	TR	LS		400		500	150	2	25M	S	47600				1	40D	9000	2,067	HRZ	
282	TR	BF		400		5500	150	4	15M	H	40D	40D						305	CRNR BAR	
283	TR	BF		400		5500	150	4	25M	H	40D	40D						1,205	CRNR BAR	
284	TR	BF		400		500	150	2*4	25M	H	40D	40D						317	CRNR BAR	
285	TR	BF		400		1500	150	4	25M	H	40D	40D						349	CRNR BAR	
286	TR	BF		400		1500	150	4	15M	H	40D	40D						88	CRNR BAR	
287	MT	2/1040 INTERIOR WALL																		
288	TR	BF		400	2			2	25M	H	7500	40D						134	VRT	
289	TR	BF		400		8100	150	2	25M	H	7500	40D						3,674	VRT	
290	TR	LS		400		7500	150	2	15M	S	8100				1	40D	9000	1,297	HRZ	
291	TR	BF		400		7500	150	2*2	15M	H	40D	40D						410	CRNR BAR	
292	MT	1/1040 INTERIOR WALL																		
293	TR	BF		400	2			2	15M	H	7500	40D						51	VRT	
294	TR	BF		400		8100	150	2	15M	H	7500	40D						1,406	VRT	
295	TR	LS		400		7500	150	2	15M	S	8100				1	40D	9000	1,297	HRZ	
296	TR	BF		400		7500	150	2*2	15M	H	40D	40D						410	CRNR BAR	
297	GI	Segment: PS#2 Sub-Segment: DOWELS TO PILASTER																		
298	MT	PILASTER																		
299	GM								2											
300	TR	BF		400	8				20M	H	1400	600						75	DWL	
301	GM																			
302	GI	Segment: PS#2 Sub-Segment: WALL PILASTER																		
303	MT	PILASTER																		
304	GM								2											
305	TR	BF		400	8				20M	S	7500	40D						312	VRT	

L											L2	L3	L4	L5	Lap	Stock	Kgs	Notes	
306	TR	TA		400		7500	300		10M	L	500	500		40	4		89	TIE	
307	TR	BF		400		7500	300	2	10M	L	500	2S90					57	TIE	
308	GM																		
309	MT	BUTTON HEAD																	
310	TI	Pcs	16						BUTTONHEAD								0	20M	
311	GI	Segment: PS#2 Sub-Segment: DOWELS TO COLUMNS																	
312	MT	COLUMNS																	
313	GM							8											
314	TR	BF		400	5				20M	H	1600	600					207	DWL	
315	GM																		
316	GI	Segment: PS#2 Sub-Segment: COLUMNS																	
317	MT	COLUMNS																	
318	GM							8											
319	TR	BF		400	5				20M	S	7500	40D					780	VRT	
320	TR	TC		400		7500	300		10M	L	400			40	6	40D	292	TIE	
321	GM																		
322	MT	BUTTON HEADS																	
323	TI	Pcs	40						BUTTONHEAD								0	20M	
324	GI	Segment: PS#2 Sub-Segment: ROOF SLAB																	
325	MT	ROOF SLAB																	
326	TR	RA		400		150	150	2	15M	H	19350	8600	S90	S90	S90	40D	9000	7,641	TNB EW
327	TR	RA		400		150	150	-2	15M	H	8000	3000				40D	9000	-1,046	TNB EW
328	MT	OPENING																	
329	TR	BF		400		3000	200	7	15M	H	400	400	200				176	U BAR	
330	TR	BF		400	4*2			7	15M	S	1550						136	ADD	
331	GI	Segment: PS#2 Sub-Segment: CONC. BEAMS																	
332	MT	B2																	
333	TR	BF		400	6				20M	S	3000						42	TNB	
334	TR	TA		400		3000	200		10M	L	400	350		40	0		17	TIE	
335	MT	B3																	
336	TR	BF		400	5				30M	H	10500	2S90	2S90				343	BOT	
337	TR	BF		400	5				25M	H	10500	2S90	2S90				237	TOP	
338	TR	BF		400	2			2	20M	S	10500						99	HRZ	
339	TR	TA		400		10500	125		10M	L	550	750		40	0		165	TIE	
340	TR	TA		400		10500	125		10M	L	550	250		40	0		99	TIE	
341	MT	B4																	
342	TR	BF		400	3			2	25M	S	8700						205	TNB	
343	TR	TA		400		8700	150		10M	L	600	500		40	0		96	TIE	
344	MT	B4																	
345	TR	BF		400	3			2	25M	S	8700						205	TNB	
346	TR	TA		400		8700	150		10M	L	600	500		40	0		96	TIE	
347	MT	B7																	
348	TR	BF		400	10				25M	H	4000	2S90					188	TNB	
349	TR	BF		400		4000	200		10M	H	400	550	550	40D	40D		40	TIE	
350	MT	B8																	
351	TR	BF		400	10				25M	H	4000	2S90					188	TNB	
352	TR	BF		400		4000	200		10M	H	400	450	450	2S90			27	TIE	
353	GI	Segment: PS#2 Sub-Segment: CONC. BENCHING																	
354	MT	CONC. BENCHING																	
355	TR	RA		400		150	150		15M	S	3550	3000			40D	6000	235	EW	
356	TR	RA		400		150	150		15M	S	4000	3000			40D	6000	264	EW	
357	TR	RA		400		150	150		15M	S	3000	3000			40D	6000	198	EW	
358	TR	RA		400		150	150		15M	S	2000	3000			40D	6000	137	EW	
359	GI	Segment: PS#2 Sub-Segment: DRILL DOWELS																	
360	MT	DRILL DOWELS																	
361	TR	BF		400		3000	150	6*2	15M	S	40D	200					332	DRILL DWL	
362	GI	Segment: PS#2 Sub-Segment: INDOOR EQUIPMENT PADS																	
363	MT	EQ. PAD																	
364	GM							4											
365	TR	RA		400		300	300		15M	S	1100	1100			40D	9000	70	EW	
366	TR	BF		400	2				10M	S	4500						28	HRZ	

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes	
367	TR	BF		400	2			4	10M	H	40D	40D						23	CRNR BAR	
368	TR	BF		400		4400	300		15M	H	650	S90	S90					118	DWL	
369	GM																			
370	MT	EQ. PAD																		
371	GM								4											
372	TR	RA		400		300	300		15M	S	1000	600				40D	9000	38	EW	
373	TR	BF		400	2				10M	S	3200							20	HRZ	
374	TR	BF		400	2			4	10M	H	40D	40D						23	CRNR BAR	
375	TR	BF		400		3200	300		15M	H	650	S90	S90					88	DWL	
376	GM																			
377	MT	EQ. PAD																		
378	TR	RA		400		300	300		15M	S	1100	1100				40D	9000	18	EW	
379	TR	BF		400	2				10M	S	4500							7	HRZ	
380	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
381	TR	BF		400		4400	300		15M	H	650	S90	S90					29	DWL	
382	MT	EQ. PAD																		
383	TR	RA		400		300	300		15M	S	1000	600				40D	9000	10	EW	
384	TR	BF		400	2				10M	S	3200							5	HRZ	
385	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
386	TR	BF		400		3200	300		15M	H	650	S90	S90					22	DWL	
387	MT	EQ. PAD																		
388	TR	RA		400		300	300		15M	S	1100	1100				40D	9000	18	EW	
389	TR	BF		400	2				10M	S	4500							7	HRZ	
390	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
391	TR	BF		400		4400	300		15M	H	650	S90	S90					29	DWL	
392	MT	EQ. PAD																		
393	TR	RA		400		300	300		15M	S	1000	600				40D	9000	10	EW	
394	TR	BF		400	2				10M	S	3200							5	HRZ	
395	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
396	TR	BF		400		3200	300		15M	H	650	S90	S90					22	DWL	
397	MT	EQ. PAD																		
398	TR	RA		400		300	300		15M	S	3300	700				40D	9000	34	EW	
399	TR	BF		400	2				10M	S	8000							13	HRZ	
400	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
401	TR	BF		400		8000	300		15M	H	650	S90	S90					51	DWL	
402	MT	EQ. PAD																		
403	TR	RA		400		300	300		15M	S	2300	800				40D	9000	25	EW	
404	TR	BF		400	2				10M	S	6000							9	HRZ	
405	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
406	TR	BF		400		6000	300		15M	H	650	S90	S90					39	DWL	
407	MT	EQ. PAD																		
408	TR	RA		400		300	300		15M	S	1400	800				40D	9000	17	EW	
409	TR	BF		400	2				10M	S	4400							7	HRZ	
410	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
411	TR	BF		400		4400	300		15M	H	650	S90	S90					29	DWL	
412	MT	EQ. PAD																		
413	TR	RA		400		300	300		15M	S	3000	1300				40D	9000	50	EW	
414	TR	BF		400	2			2	10M	S	9500							30	HRZ	
415	TR	BF		400	2*2			4	10M	H	40D	40D						11	CRNR BAR	
416	TR	BF		400		9500	300		15M	H	650	S90	S90					61	DWL	
417	MT	EQ. PAD																		
418	TR	RA		400		300	300		15M	S	1400	1400				40D	9000	26	EW	
419	TR	BF		400	2				10M	S	6000							9	HRZ	
420	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
421	TR	BF		400		6000	300		15M	H	650	S90	S90					39	DWL	
422	GI	Segment: PS#2 Sub-Segment: PUMP BASE & TRUSTBLOCK																		
423	MT	PUMP BASE																		
424	GM								3											
425	TR	BF		400		2000	300	2	15M	H	500	1200	S90	S90				167	VRT	
426	TR	BF		400		1500	300	2	15M	S	2000							113	HRZ	
427	TR	BF		400		1500	300	2*4	15M	H	40D	40D						289	CRNR BAR	

v18.01.164 ©2025 UNAUTHORIZED REPRODUCTION PROHIBITED August 6, 2025 7:35:09 AM

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes
489	TR	RA		400		200	200	2	15M	S	8100	3430				40D	9000	935	EW
490	GI	Segment: PS#2 Sub-Segment: CONC. SIDEWALK																	
491	MT	SIDEWALK																	
492	TR	RA		400		300	300		15M	S	16200	1500				40D	9000	289	EW
493	TR	BF		400		16200	300		15M	S	1500							130	DWL
494	TR	BF		400		19200	300		15M	H	250	250	250	300	250			198	DWL
495	TR	LS		400	2			2	15M	S	19500				1	40D	6000	135	TNB
496	TR	BF		400	2*2			4	15M	H	40D	40D						32	CRNR BAR
497	GI	Segment: PS#3 Sub-Segment: BASE SLAB																	
498	MT	BASE SLAB																	
499	TR	RA		400		150	150	2	25M	H	25050	22300	S90	S90	S90	40D	9000	65,946	TNB EW
500	MT	SUMP																	
501	TR	BF		400		12500	150	2	25M	H	1500	40D	1200	1500	40D			4,150	DWL
502	TR	BF		400		4600	150	2	25M	H	1500	S90	S90	1500				955	DWL
503	TR	BF		400		26500	150		25M	H	1000	40D						1,404	DWL
504	TR	BF		400		1000	150		15M	S	26500							333	HRZ
505	TR	BF		400		1000	150	4	15M	H	40D	40D						64	CRNR BAR
506	TR	BF		400		26500	150		15M	S	1000							279	VRT
507	GI	Segment: PS#3 Sub-Segment: BASE SLAB/STANDEES																	
508	MT	STANDEES																	
509	TR	BF		400	394				20M	H	900	900	300	300	300			2,505	STANDEES
510	GI	Segment: PS#3 Sub-Segment: DOWELS TO CONC. WALLS																	
511	MT	1-3/S1040 EXT. WALLS																	
512	TR	BF		400		76300	150		25M	H	2000	1000						6,005	DWL
513	TR	BF		400		76300	150		20M	H	1650	670						2,786	DWL
514	MT	2/1040 INTERIOR WALL																	
515	TR	BF		400	2			2	25M	H	2300	1000						52	DWL
516	TR	BF		400		18700	150	2	25M	H	2300	1000						3,264	DWL
517	MT	1/1040 INTERIOR WALL																	
518	TR	BF		400		18600	200	2	15M	H	1200	600						531	DWL
519	TR	BF		400	2			2	15M	H	1200	600						11	DWL
520	MT	2/1040 INTERIOR WALL																	
521	TR	BF		400	2			2	25M	H	2300	1000						52	DWL
522	TR	BF		400		6250	150	2	25M	H	2300	1000						1,114	DWL
523	GI	Segment: PS#3 Sub-Segment: CONC. WALLS																	
524	MT	3-3/S3040 EXT. WALLS																	
525	TR	BF		400		76300	150	2	15M	S	8000	40D						13,836	VRT
526	TR	BF		400		76300	150	2	15M	H	3000	S90						5,221	VRT
527	TR	BF		400		76300	150	2	15M	H	2700	40D						5,349	VRT
528	TR	BF		400		76300	150		15M	H	40D							512	VRT
529	TR	BF		400		76300	150		15M	H	S90							208	VRT
530	TR	LS		400		8000	150	2	25M	S	76300				1	40D	9000	36,868	HRZ
531	TR	LS		400		3000	150		25M	S	76300				1	40D	9000	7,038	HRZ
532	TR	LS		400		3000	150		15M	S	76300				1	40D	9000	2,684	HRZ
533	TR	LS		400		2700	150	2	15M	S	76300				1	40D	9000	4,858	HRZ
534	TR	LS		400	4				25M	S	76300				1	40D	9000	1,341	HRZ
535	TR	BF		400		8000	150	2*4	25M	H	40D	40D						3,489	CRNR BAR
536	TR	BF		400		3000	150	4	15M	H	40D	40D						169	CRNR BAR
537	TR	BF		400		3000	150	4	25M	H	40D	40D						666	CRNR BAR
538	TR	BF		400		2700	150	2*4	15M	H	40D	40D						305	CRNR BAR
539	TR	BF		400	4			4	25M	H	40D	40D						127	CRNR BAR
540	MT	3-1/3040 INTERIOR WALL																	
541	TR	BF		400	2			2	15M	H	13700	80D						94	VRT
542	TR	BF		400		18600	150	2	15M	H	13700	80D						5,880	VRT
543	TR	LS		400		13700	150	2	15M	S	18600				1	40D	9000	5,805	HRZ
544	TR	BF		400		13700	150	2*2	15M	H	40D	40D						748	CRNR BAR
545	MT	3/3040 INTERIOR WALL																	
546	TR	BF		400	2			2	15M	H	13700	40D						90	VRT
547	TR	BF		400		18600	200	2	15M	H	13700	80D						4,422	VRT
548	TR	LS		400		13700	200	2	15M	S	18600				1	40D	9000	4,370	HRZ
549	TR	BF		400		13700	200	2*2	15M	H	40D	40D						563	CRNR BAR

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes
550	MT	3/3040 INTERIOR WALL																	
551	TR	BF		400	2			2	15M	H	5000	80D						39	VRT
552	TR	BF		400		6250	150	2	15M	H	5000	80D						848	VRT
553	TR	LS		400		5000	150	2	15M	S	6250				1	40D	9000	687	HRZ
554	TR	BF		400		5000	150	2*2	15M	H	40D	40D						281	CRNR BAR
555	GI	Segment: PS#3 Sub-Segment: DOWELS TO PILASTERS																	
556	MT	PILASTER																	
557	GM								8										
558	TR	BF		400	8				20M	H	1400	600						301	DWL
559	GM																		
560	GI	Segment: PS#3 Sub-Segment: PILASTERS																	
561	MT	PILASTER																	
562	GM								8										
563	TR	BF		400	8				20M	S	7500	40D						1,248	VRT
564	TR	TA		400		7500	300		10M	L	500	500		40	4			354	TIE
565	TR	BF		400		7500	300	2	10M	L	500	2S90						229	TIE
566	GM																		
567	MT	BUTTON HEAD																	
568	TI	Pcs			64				BUTTONHEAD									0	20M
569	GI	Segment: PS#3 Sub-Segment: DOWELS TO COLUMNS																	
570	MT	COLUMNS																	
571	GM								10										
572	TR	BF		400	6				25M	H	1600	600						518	DWL
573	GM																		
574	GI	Segment: PS#3 Sub-Segment: COLUMNS																	
575	MT	COLUMNS																	
576	GM								10										
577	TR	BF		400	6				25M	S	13700	80D						3,702	VRT
578	TR	TC		400		13700	300		10M	L	600			40	6	40D		867	TIE
579	GM																		
580	MT	BUTTON HEADS																	
581	TI	Pcs			60				BUTTONHEAD									0	25M
582	GI	Segment: PS#3 Sub-Segment: GRINDER CHANNEL WALLS																	
583	MT	SEC D/3022																	
584	TR	BF		400		2600	150	2	15M	H	300	40D	S90					72	DWL
585	TR	BF		400		2600	150	2	15M	S	1500							89	VRT
586	TR	BF		400		2600	150	2	15M	H	40D	40D						76	DWL
587	TR	BF		400		1500	150	2	15M	S	2600							90	HRZ
588	TR	BF		400		1500	150	2	15M	H	40D	40D						44	DWL
589	MT	SEC D/3022																	
590	TR	BF		400		2600	150	2	15M	H	300	40D	S90					72	DWL
591	TR	BF		400		2600	150	2	15M	S	1500							89	VRT
592	TR	BF		400		2600	150	2	15M	H	40D	40D						76	DWL
593	TR	BF		400		1500	150	2	15M	S	2600							90	HRZ
594	TR	BF		400		1500	150	2	15M	H	40D	40D						44	DWL
595	MT	SEC C/3022																	
596	TR	BF		400		3000	150	2	15M	H	300	40D	S90					79	DWL
597	TR	BF		400		3000	150	2	15M	S	1500							99	VRT
598	TR	BF		400		3000	150		15M	H	350	40D	40D					54	U BAR
599	TR	BF		400		1500	150	2	15M	S	3000							104	HRZ
600	TR	BF		400		1500	150	2*2	15M	H	40D	40D						88	DWL
601	MT	SEC C/3022																	
602	TR	BF		400		3000	150	2	15M	H	300	40D	S90					79	DWL
603	TR	BF		400		3000	150	2	15M	S	1500							99	VRT
604	TR	BF		400		3000	150		15M	H	350	40D	40D					54	U BAR
605	TR	BF		400		1500	150	2	15M	S	3000							104	HRZ
606	TR	BF		400		1500	150	2*2	15M	H	40D	40D						88	DWL
607	MT	SEC C/3022																	
608	TR	BF		400		3000	150	2	15M	H	300	40D	S90					79	DWL
609	TR	BF		400		3000	150	2	15M	S	1500							99	VRT
610	TR	BF		400		3000	150		15M	H	350	40D	40D					54	U BAR

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes		
611	TR	BF		400		1500	150	2	15M	S	3000							104	HRZ		
612	TR	BF		400		1500	150	2*2	15M	H	40D	40D						88	DWL		
613	MT	SEC C/3022																			
614	TR	BF		400		8000	150		15M	H	300	40D	S90					104	DWL		
615	TR	BF		400		8000	150		15M	S	1500							130	VRT		
616	TR	BF		400		8000	150		15M	H	40D	40D						111	DWL		
617	TR	BF		400		1500	150		15M	S	8000							138	HRZ		
618	TR	BF		400		1500	150	2*2	15M	H	40D	40D						88	DWL		
619	MT	SEC F/3022																			
620	TR	BF		400		8000	150	2	15M	H	300	40D	S90					207	DWL		
621	TR	BF		400		8000	150	2	15M	S	1500							259	VRT		
622	TR	BF		400		8000	150	2	15M	H	40D	40D						221	DWL		
623	TR	BF		400		1500	150	2	15M	S	8000							276	HRZ		
624	TR	BF		400		1500	150	2	15M	H	40D	40D						44	DWL		
625	TR	BF		400		1500	150	2*18	15M	H	40D	40D						796	CRNR BAR		
626	MT	SEC D/3022																			
627	TR	BF		400		6500	150	2	15M	H	300	40D	S90					170	DWL		
628	TR	BF		400		6500	150	2	15M	S	8500	40D						1,292	VRT		
629	TR	BF		400		6500	150	2	15M	H	40D	40D						181	DWL		
630	TR	BF		400		8500	150	2	15M	S	6500							1,184	HRZ		
631	TR	BF		400		8500	150	2*2	15M	H	40D	40D						466	DWL		
632	GI	Segment: PS#3 Sub-Segment: SLAB AT CHANNEL LEVEL																			
633	MT	300THK SLAB																			
634	TR	RA		400		150	150		15M	S	6500	18600				40D	9000	2,681	TEW		
635	TR	BF		400		18600	100		25M	S	6500							4,771	BOT		
636	TR	LS		400		6500	150		15M	S	18600				1	40D	9000	1,405	BOT		
637	GI	Segment: PS#3 Sub-Segment: CONC. BEAMS																			
638	MT	B1																			
639	GM								2												
640	TR	LS		400	6			2	25M	H	18600	S90	S90		1	40D	6000	2,113	TNB		
641	TR	TA		400		18600	150		10M	L	600	500		40	0			408	TIE		
642	TR	TA		400		18600	150		10M	L	500	300		40	0			290	TIE		
643	GM																				
644	MT	B1																			
645	GM								5												
646	TR	LS		400	6			2	25M	H	5500	S90	S90		1	40D	6000	1,484	TNB		
647	TR	TA		400		5500	150		10M	L	600	500		40	0			310	TIE		
648	TR	TA		400		5500	150		10M	L	500	300		40	0			221	TIE		
649	GM																				
650	MT	B2																			
651	TR	BF		400	6				20M	S	3000							42	TNB		
652	TR	TA		400		3000	200		10M	L	400	350		40	0			17	TIE		
653	MT	B2																			
654	TR	BF		400	6				20M	S	3000							42	TNB		
655	TR	TA		400		3000	200		10M	L	400	350		40	0			17	TIE		
656	MT	B2																			
657	TR	BF		400	6				20M	S	4000							57	TNB		
658	TR	TA		400		4000	200		10M	L	400	350		40	0			23	TIE		
659	MT	B3																			
660	GM								4												
661	TR	BF		400	5				30M	H	7000	2S90						879	BOT		
662	TR	BF		400	5				25M	H	7000	2S90						612	TOP		
663	TR	BF		400	2			2	20M	S	7000							264	HRZ		
664	TR	TA		400		7000	125		10M	L	550	750		40	0			444	TIE		
665	TR	TA		400		7000	125		10M	L	550	250		40	0			265	TIE		
666	GM																				
667	MT	B3																			
668	GM								2												
669	TR	BF		400	5				30M	H	6500	2S90						412	BOT		
670	TR	BF		400	5				25M	H	6500	2S90						287	TOP		
671	TR	BF		400	2			2	20M	S	6500							122	HRZ		

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes						
672	TR	TA		400		7000	125		10M	L	550	750		40	0			222	TIE						
673	TR	TA		400		7000	125		10M	L	550	250		40	0			132	TIE						
674	GM																								
675	MT	G/S3022																							
676	TR	BF		400	5				30M	S	6500							179	BOT						
677	TR	BF		400		1050	200	2	15M	S	6500							143	HRZ						
678	TR	BF		400		6500	200		15M	H	500	1050	1050	2S90				167	TIE						
679	MT	B7																							
680	GM							4																	
681	TR	BF		400	10				25M	H	4500	2S90						832	TNB						
682	TR	BF		400		4500	200		10M	H	400	550	550	40D	40D			181	TIE						
683	GM																								
684	MT	B7																							
685	GM							4																	
686	TR	BF		400	10				25M	H	7500	2S90						1,303	TNB						
687	TR	BF		400		7500	200		10M	H	400	550	550	40D	40D			294	TIE						
688	GM																								
689	MT	B8																							
690	GM							4																	
691	TR	BF		400	10				25M	H	3500	2S90						675	TNB						
692	TR	BF		400		3500	200		10M	H	400	450	450	2S90				99	TIE						
693	GM																								
694	GI	Segment: PS#3 Sub-Segment: CONC. BENCHING																							
695	MT	CONC. BENCHING																							
696	TR	RA		400		150	150	2	15M	S	6500	3000				40D	6000	853	EW						
697	TR	RA		400		150	150	5	15M	S	6500	2600				40D	6000	1,887	EW						
698	TR	RA		400		150	150		15M	S	6500	6500				40D	6000	918	EW						
699	TR	RA		400		150	150		15M	S	2500	6500				40D	6000	361	EW						
700	TR	BF		400		6500	150	18	15M	S	40D	200						1,068	DRILL DWL						
701	GI	Segment: PS#3 Sub-Segment: DRILL DOWELS																							
702	MT	DRILL DOWELS																							
703	TR	BF		400		6500	150	18	15M	S	40D	200						1,068	DRILL DWL						
704	GI	Segment: PS#3 Sub-Segment: MAIN SLAB																							
705	MT	MAIN SLAB																							
706	TR	RA		400		150	150	2	20M	H	19100	7400	S90	S90	S90	40D	9000	9,832	TNB EW						
707	TR	RA		400		300	300	2	15M	H	19100	6500	S90	S90	S90	40D	9000	2,942	TNB EW						
708	TR	RA		400		300	300	-2	15M	H	6000	2600				40D	9000	-359	TNB EW						
709	GI	Segment: PS#3 Sub-Segment: EQUIPMENT PADS																							
710	MT	EQ. PAD																							
711	GM							7																	
712	TR	RA		400		300	300		15M	S	1000	1000				40D	9000	110	EW						
713	TR	BF		400	2				10M	S	4500							49	HRZ						
714	TR	BF		400	2			4	10M	H	40D	40D						40	CRNR BAR						
715	TR	BF		400		4400	300		15M	H	650	S90	S90					206	DWL						
716	GM																								
717	MT	EQ. PAD																							
718	GM							6																	
719	TR	RA		400		300	300		15M	S	1000	600				40D	9000	56	EW						
720	TR	BF		400	2				10M	S	3200							30	HRZ						
721	TR	BF		400	2			4	10M	H	40D	40D						34	CRNR BAR						
722	TR	BF		400		3200	300		15M	H	650	S90	S90					132	DWL						
723	GM																								
724	MT	EQ. PAD																							
725	GM							5																	
726	TR	RA		400		300	300		15M	S	1100	1100				40D	9000	86	EW						
727	TR	BF		400	2				10M	S	4500							35	HRZ						
728	TR	BF		400	2			4	10M	H	40D	40D						28	CRNR BAR						
729	TR	BF		400		4400	300		15M	H	650	S90	S90					147	DWL						
730	GM																								
731	MT	EQ. PAD																							
732	TR	RA		400		300	300		15M	S	1000	600				40D	9000	10	EW						

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes	
733	TR	BF		400	2				10M	S	3200							5	HRZ	
734	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
735	TR	BF		400		3200	300		15M	H	650	S90	S90					22	DWL	
736	MT	EQ. PAD																		
737	TR	RA		400		300	300		15M	S	1100	1100				40D	9000	18	EW	
738	TR	BF		400	2				10M	S	4500							7	HRZ	
739	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
740	TR	BF		400		4400	300		15M	H	650	S90	S90					29	DWL	
741	MT	EQ. PAD																		
742	TR	RA		400		300	300		15M	S	1000	600				40D	9000	10	EW	
743	TR	BF		400	2				10M	S	3200							5	HRZ	
744	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
745	TR	BF		400		3200	300		15M	H	650	S90	S90					22	DWL	
746	MT	EQ. PAD																		
747	TR	RA		400		300	300		15M	S	3300	700				40D	9000	34	EW	
748	TR	BF		400	2				10M	S	8000							13	HRZ	
749	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
750	TR	BF		400		8000	300		15M	H	650	S90	S90					51	DWL	
751	MT	EQ. PAD																		
752	TR	RA		400		300	300	3	15M	S	2000	800				40D	9000	68	EW	
753	TR	BF		400	2			3	10M	S	12000							57	HRZ	
754	TR	BF		400	2			4*3	10M	H	40D	40D						17	CRNR BAR	
755	TR	BF		400		12000	300	3	15M	H	650	S90	S90					226	DWL	
756	MT	EQ. PAD																		
757	TR	RA		400		300	300		15M	S	4500	1100				40D	9000	63	EW	
758	TR	BF		400	2				10M	S	12000							19	HRZ	
759	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
760	TR	BF		400		12000	300		15M	H	650	S90	S90					75	DWL	
761	MT	EQ. PAD																		
762	TR	RA		400		300	300		15M	S	1600	1300				40D	9000	29	EW	
763	TR	BF		400	2			2	10M	S	9500							30	HRZ	
764	TR	BF		400	2*2			4	10M	H	40D	40D						11	CRNR BAR	
765	TR	BF		400		9500	300		15M	H	650	S90	S90					61	DWL	
766	MT	EQ. PAD																		
767	TR	RA		400		300	300		15M	S	4000	2000				40D	9000	97	EW	
768	TR	BF		400	2				10M	S	12000							19	HRZ	
769	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
770	TR	BF		400		12000	300		15M	H	650	S90	S90					75	DWL	
771	MT	EQ. PAD																		
772	TR	RA		400		300	300		15M	S	3500	2500				40D	9000	106	EW	
773	TR	BF		400	2				10M	S	12000							19	HRZ	
774	TR	BF		400	2			4	10M	H	40D	40D						6	CRNR BAR	
775	TR	BF		400		12000	300		15M	H	650	S90	S90					75	DWL	
776	GI	Segment: PS#3 Sub-Segment: PUMP BASE & THRUSTBLOCK																		
777	MT	PUMP BASE																		
778	GM								8											
779	TR	BF		400		2000	300	2	15M	H	500	1200	S90	S90				446	VRT	
780	TR	BF		400		1500	300	2	15M	S	2000							301	HRZ	
781	TR	BF		400		1500	300	2*4	15M	H	40D	40D						772	CRNR BAR	
782	GM																			
783	MT	PUMP BASE																		
784	GM								8											
785	TR	BF		400		2000	300	3	15M	H	500	1200	S90	S90				669	VRT	
786	TR	BF		400		1500	300	2	15M	S	2000							301	HRZ	
787	TR	BF		400		1500	300	2*4	15M	H	40D	40D						772	CRNR BAR	
788	GM																			
789	GI	Segment: PS#3 Sub-Segment: STAIR LANDING																		
790	MT	STAIR LANDING																		
791	TR	RA		400		300	300	2*3	15M	S	9500	3000				40D	9000	1,917	TNBEW	
792	MT	STAIR LANDING																		
793	TR	RA		400		300	300	2*3	15M	S	5000	3000				40D	9000	1,027	TNBEW	

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Kgs	Notes	
794	GI	Segment: PS#3 Sub-Segment: CONC. CURB																		
795	MT	CURB																		
796	TR	BF		400		105000	300		15M	H	300	200	S90					419	DWL	
797	TR	LS		400		300	200		10M	S	105000				1	40D	6000	266	HRZ	
798	TR	BF		400		300	200	18	10M	H	40D	40D						38	CRNR BAR	
799	GI	Segment: PS#3 Sub-Segment: CONC. HATCH																		
800	MT	CURB																		
801	TR	BF		400		4000	300	11	15M	H	300	200	S90					197	DWL	
802	TR	LS		400		300	200	11	10M	S	4000				1	40D	6000	104	HRZ	
803	TR	BF		400		300	200	4*11	10M	H	40D	40D						93	CRNR BAR	
804	GI	Segment: PS#3 Sub-Segment: DOWELS TO MASONRY																		
805	MT	W1																		
806	TR	BF		400		230000	600		25M	S	40D	40D						3,053	DWL	
807	TR	BF		400	2			18	25M	S	40D	40D						285	DWL	
808	GI	Segment: PS#3 Sub-Segment: MASONRY WALLS																		
809	MT	W1																		
810	TR	LS		400		30000	600		25M	S	5800				1	1300	1800	2,722	VRT	
811	TR	LS		400	2			12	15M	S	5800				1	650	1800	292	VRT	
812	TR	LS		400		5800	2000		20M	S	30000				1	40D	6000	319	BND BM	
813	TR	BF		400		5800	2000	12	20M	H	40D	40D						176	CRNR BAR	
814	MT	W1																		
815	TR	LS		400		10000	600		25M	S	3000				1	1300	1800	212	VRT	
816	TR	LS		400	2			2	25M	S	3000				1	1300	1800	47	VRT	
817	TR	LS		400		3000	2000		20M	S	10000				1	40D	6000	76	BND BM	
818	TR	BF		400		3000	2000	2	20M	H	40D	40D						22	CRNR BAR	
819	MT	B5																		
820	TR	BF		400	8				15M	S	19000							239	TNB	
821	TR	BF		400	2				15M	S	19000							60	TNB	
822	TR	TA		400		19000	150		10M	L	600	400		40	0			189	TIE	
823	TR	TA		400		19000	150		10M	L	400	400		40	0			149	TIE	
824	MT	W1																		
825	TR	LS		400		71000	600		25M	S	7250				1	1300	1800	8,926	VRT	
826	TR	LS		400	2			6	25M	S	7250				1	1300	1800	893	VRT	
827	TR	LS		400		7250	2000		20M	S	71000				1	40D	6000	955	BND BM	
828	TR	BF		400		7250	2000	6	20M	H	40D	40D						110	CRNR BAR	
829	GI	Segment: PS#3 Sub-Segment: STEEL DECK SLAB																		
830	MT	STEEL DECK SLAB																		
831	TR	RA		400		200	200	2	15M	S	4200	11500				40D	9000	1,617	EW	
832	TR	RA		400		200	200	2	15M	S	5000	7000				40D	9000	1,136	EW	
833	MT	STEEL DECK SLAB																		
834	TR	RA		400		200	200	2	15M	S	4200	11500				40D	9000	1,617	EW	
835	TR	RA		400		200	200	2	15M	S	5000	7000				40D	9000	1,136	EW	
836	GI	Segment: PS#3 Sub-Segment: CONC. SIDEWALK																		
837	MT	SIDEWALK																		
838	TR	RA		400		300	300		15M	S	16200	1500				40D	9000	289	EW	
839	TR	BF		400		16200	300		15M	S	1500							130	DWL	
840	TR	BF		400		19200	300		15M	H	250	250	250	300	250			198	DWL	
841	TR	LS		400	2			2	15M	S	19500				1	40D	6000	135	TNB	
842	TR	BF		400	2*2			4	15M	H	40D	40D						32	CRNR BAR	
843	GI	Segment: PS#3 Sub-Segment: CANOPY FTG																		
844	MT	FTG																		
845	GM								2											
846	TR	RA		400		250	250	2	20M	H	2400	1100	S90	S90	S90	40D	9000	321	TNB EW	
847	GM																			

Segment: PS#1

Total for BASE SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	279	215	64	0	0
25M	28,980	4,875	24,105	0	19,641
	29,259	5,090	24,169	0	19,641

Total for BASE SLAB/STANDEES

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	692	0	692	0	0
	692	0	692	0	0

Total for DOWELS TO WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	322	0	322	0	0
20M	1,856	0	1,856	0	0
25M	5,609	0	5,609	0	0
	7,787	0	7,787	0	0

Total for CONC. WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	12,077	6,502	5,575	0	3,462
20M	4,718	4,718	0	0	0
25M	25,258	12,192	13,066	0	10,421
	42,053	23,412	18,641	0	13,883

Total for DOWELS TO PILASTER

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	75	0	75	0	0
	75	0	75	0	0

Total for WALL PILASTERS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	146	0	0	146	0
20M	312	312	0	0	0
	458	312	0	146	0

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	16.000	Pcs	=	16.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Total for DOWELS TO COLUMNS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	207	0	207	0	0
	207	0	207	0	0

Total for COLUMNS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	292	0	0	292	0
20M	780	780	0	0	0
	1,072	780	0	292	0

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	40.000	Pcs	=	40.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Total for ROOF SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	6,907	757	6,150	0	3,334
	6,907	757	6,150	0	3,334

Total for CONC. BEAMS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	540	0	67	473	0
20M	141	141	0	0	0
25M	1,023	410	613	0	0
30M	343	0	343	0	0
	<u>2,047</u>	<u>551</u>	<u>1,023</u>	<u>473</u>	<u>0</u>

Total for CONC. BENCHING

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	834	834	0	0	0
	<u>834</u>	<u>834</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for DRILL DOWELS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	332	332	0	0	0
	<u>332</u>	<u>332</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for INDOOR EQUIPMENT PADS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	245	140	105	0	0
15M	843	316	527	0	0
	<u>1,088</u>	<u>456</u>	<u>632</u>	<u>0</u>	<u>0</u>

Total for PUMP BASE & THRUST BLOCK

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	1,222	226	996	0	0
	<u>1,222</u>	<u>226</u>	<u>996</u>	<u>0</u>	<u>0</u>

Total for CONC. CURB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	125	125	0	0	113
15M	198	0	198	0	0
	<u>323</u>	<u>125</u>	<u>198</u>	<u>0</u>	<u>113</u>

Total for STAIR LANDING

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	168	168	0	0	0
	<u>168</u>	<u>168</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for CONC. HATCH

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	57	57	0	0	57
15M	100	0	100	0	0
	<u>157</u>	<u>57</u>	<u>100</u>	<u>0</u>	<u>57</u>

Total for DOWELS TO MASONRY

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	53	53	0	0	0
25M	1,328	1,328	0	0	0
	<u>1,381</u>	<u>1,381</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for MASONRY WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	156	0	0	156	0
15M	136	136	0	0	0
20M	1,200	1,061	139	0	886
25M	6,287	6,287	0	0	4,805
	<u>7,779</u>	<u>7,484</u>	<u>139</u>	<u>156</u>	<u>5,691</u>

Total for STEEL DECK SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
15M	935	935	0	0	0
	935	935	0	0	0

Total for CONC. SIDEWALK

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
15M	783	553	230	0	198
	783	553	230	0	198

Total for Segment: PS#1

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
10M	1,561	322	172	1,067	170
15M	25,136	10,974	14,162	0	6,994
20M	10,034	7,065	2,969	0	886
25M	68,485	25,092	43,393	0	34,867
30M	343	0	343	0	0
	105,559	43,453	61,039	1,067	42,917

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	56.000	Pcs	=	56.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Segment: PS#2

Total for BASE SLAB

**** Rebar Weight Summary (Kgs) ****					
Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
15M	279	215	64	0	0
25M	28,980	4,875	24,105	0	19,641
	29,259	5,090	24,169	0	19,641

Total for BASE SLAB/STANDEES

**** Rebar Weight Summary (Kgs) ****					
Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
20M	692	0	692	0	0
	692	0	692	0	0

Total for DOWELS TO WALLS

**** Rebar Weight Summary (Kgs) ****					
Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
15M	322	0	322	0	0
20M	1,856	0	1,856	0	0
25M	5,609	0	5,609	0	0
	7,787	0	7,787	0	0

Total for CONC. WALLS

**** Rebar Weight Summary (Kgs) ****					
Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
15M	12,077	6,502	5,575	0	3,462
20M	4,718	4,718	0	0	0
25M	25,258	12,192	13,066	0	10,421
	42,053	23,412	18,641	0	13,883

Total for DOWELS TO PILASTER

**** Rebar Weight Summary (Kgs) ****					
Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
20M	75	0	75	0	0
	75	0	75	0	0

Total for WALL PILASTER

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	146	0	0	146	0
20M	312	312	0	0	0
	458	312	0	146	0

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	16.000	Pcs	=	16.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Total for DOWELS TO COLUMNS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	207	0	207	0	0
	207	0	207	0	0

Total for COLUMNS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	292	0	0	292	0
20M	780	780	0	0	0
	1,072	780	0	292	0

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	40.000	Pcs	=	40.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Total for ROOF SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	6,907	757	6,150	0	3,334
	6,907	757	6,150	0	3,334

Total for CONC. BEAMS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	540	0	67	473	0
20M	141	141	0	0	0
25M	1,023	410	613	0	0
30M	343	0	343	0	0
	<u>2,047</u>	<u>551</u>	<u>1,023</u>	<u>473</u>	<u>0</u>

Total for CONC. BENCHING

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	834	834	0	0	0
	<u>834</u>	<u>834</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for DRILL DOWELS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	332	332	0	0	0
	<u>332</u>	<u>332</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for INDOOR EQUIPMENT PADS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	245	140	105	0	0
15M	843	316	527	0	0
	<u>1,088</u>	<u>456</u>	<u>632</u>	<u>0</u>	<u>0</u>

Total for PUMP BASE & TRUSTBLOCK

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	1,222	226	996	0	0
	<u>1,222</u>	<u>226</u>	<u>996</u>	<u>0</u>	<u>0</u>

Total for CONC. CURBS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	125	125	0	0	113
15M	198	0	198	0	0
	<u>323</u>	<u>125</u>	<u>198</u>	<u>0</u>	<u>113</u>

Total for STAIR LANDING

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	168	168	0	0	0
	<u>168</u>	<u>168</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for CONC. HATCH

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	57	57	0	0	57
15M	100	0	100	0	0
	<u>157</u>	<u>57</u>	<u>100</u>	<u>0</u>	<u>57</u>

Total for DOWLS TO MASONRY WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	53	53	0	0	0
25M	1,347	1,347	0	0	0
	<u>1,400</u>	<u>1,400</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for MASONRY WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	156	0	0	156	0
15M	136	136	0	0	0
20M	1,200	1,061	139	0	886
25M	6,287	6,287	0	0	4,805
	<u>7,779</u>	<u>7,484</u>	<u>139</u>	<u>156</u>	<u>5,691</u>

Total for STEEL DECK SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	935	935	0	0	0
	935	935	0	0	0

Total for CONC. SIDEWALK

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	783	553	230	0	198
	783	553	230	0	198

Total for Segment: PS#2

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	1,561	322	172	1,067	170
15M	25,136	10,974	14,162	0	6,994
20M	10,034	7,065	2,969	0	886
25M	68,504	25,111	43,393	0	34,867
30M	343	0	343	0	0
	105,578	43,472	61,039	1,067	42,917

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	56.000	Pcs	=	56.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Segment: PS#3

Total for BASE SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	676	612	64	0	333
25M	72,455	22,467	49,988	0	44,934
	<u>73,131</u>	<u>23,079</u>	<u>50,052</u>	<u>0</u>	<u>45,267</u>

Total for BASE SLAB/STANDEES

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	2,505	0	2,505	0	0
	<u>2,505</u>	<u>0</u>	<u>2,505</u>	<u>0</u>	<u>0</u>

Total for DOWELS TO CONC. WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	542	0	542	0	0
20M	2,786	0	2,786	0	0
25M	10,487	0	10,487	0	0
	<u>13,815</u>	<u>0</u>	<u>13,815</u>	<u>0</u>	<u>0</u>

Total for CONC. WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	56,969	32,240	24,729	0	15,882
25M	49,529	45,247	4,282	0	42,921
	<u>106,498</u>	<u>77,487</u>	<u>29,011</u>	<u>0</u>	<u>58,803</u>

Total for DOWELS TO PILASTERS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	301	0	301	0	0
	<u>301</u>	<u>0</u>	<u>301</u>	<u>0</u>	<u>0</u>

Total for PILASTERS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	583	0	0	583	0
20M	1,248	1,248	0	0	0
	1,831	1,248	0	583	0

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	64.000	Pcs	=	64.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Total for DOWELS TO COLUMNS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

25M	518	0	518	0	0
	518	0	518	0	0

Total for COLUMNS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	867	0	0	867	0
25M	3,702	3,702	0	0	0
	4,569	3,702	0	867	0

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	60.000	Pcs	=	60.000	0	@	0.000	/	0	= \$	0.00	0 Kgs
Subtotal											= \$	0.00	0 Kgs
Grand Total											= \$	0.00	0 Kgs

Total for GRINDER CHANNEL WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	7,681	4,246	3,435	0	0
	7,681	4,246	3,435	0	0

Total for SLAB AT CHANNEL LEVEL

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	4,086	4,086	0	0	2,544
25M	4,771	4,771	0	0	0
	<u>8,857</u>	<u>8,857</u>	<u>0</u>	<u>0</u>	<u>2,544</u>

Total for CONC. BEAMS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	2,923	0	574	2,349	0
15M	310	143	167	0	0
20M	527	527	0	0	0
25M	7,305	1,130	6,175	0	1,695
30M	1,470	179	1,291	0	0
	<u>12,535</u>	<u>1,979</u>	<u>8,207</u>	<u>2,349</u>	<u>1,695</u>

Total for CONC. BENCHING

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	5,088	5,088	0	0	0
	<u>5,088</u>	<u>5,088</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for DRILL DOWELS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	1,068	1,068	0	0	0
	<u>1,068</u>	<u>1,068</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for MAIN SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	2,583	291	2,292	0	1,300
20M	9,833	2,162	7,671	0	4,324
	<u>12,416</u>	<u>2,453</u>	<u>9,963</u>	<u>0</u>	<u>5,624</u>

Total for EQUIPMENT PADS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	460	288	172	0	0
15M	1,808	687	1,121	0	0
	<u>2,268</u>	<u>975</u>	<u>1,293</u>	<u>0</u>	<u>0</u>

Total for PUMP BASE & THRUSTBLOCK

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	3,261	602	2,659	0	0
	<u>3,261</u>	<u>602</u>	<u>2,659</u>	<u>0</u>	<u>0</u>

Total for STAIR LANDING

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	2,944	2,944	0	0	0
	<u>2,944</u>	<u>2,944</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for CONC. CURB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	304	266	38	0	254
15M	419	0	419	0	0
	<u>723</u>	<u>266</u>	<u>457</u>	<u>0</u>	<u>254</u>

Total for CONC. HATCH

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	197	104	93	0	0
15M	197	0	197	0	0
	<u>394</u>	<u>104</u>	<u>290</u>	<u>0</u>	<u>0</u>

Total for DOWELS TO MASONRY

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

25M	3,338	3,338	0	0	0
	<u>3,338</u>	<u>3,338</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for MASONRY WALLS

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

10M	338	0	0	338	0
15M	591	591	0	0	502
20M	1,659	1,351	308	0	1,243
25M	12,800	12,800	0	0	10,555
	15,388	14,742	308	338	12,300

Total for STEEL DECK SLAB

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	5,506	5,506	0	0	1,244
	5,506	5,506	0	0	1,244

Total for CONC. SIDEWALK

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

15M	783	553	230	0	198
	783	553	230	0	198

Total for CANOPY FTG

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

** Grade 400, Black **

20M	321	0	321	0	0
	321	0	321	0	0

Total for Segment: PS#3

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
10M	5,672	658	877	4,137	254
15M	94,512	58,657	35,855	0	22,003
20M	19,180	5,288	13,892	0	5,567
25M	164,905	93,455	71,450	0	100,105
30M	1,470	179	1,291	0	0
	285,739	158,237	123,365	4,137	127,929

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	124.000	Pcs	=	124.000	0	@	0.000	/	0	= \$	0.00	0 Kgs	
Subtotal												= \$	0.00	0 Kgs
Grand Total												= \$	0.00	0 Kgs

Estimate Totals

**** Rebar Weight Summary (Kgs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 400, Black **					
10M	8,794	1,302	1,221	6,271	594
15M	144,784	80,605	64,179	0	35,991
20M	39,248	19,418	19,830	0	7,339
25M	301,894	143,658	158,236	0	169,839
30M	2,156	179	1,977	0	0
	496,876	245,162	245,443	6,271	213,763

Estimate Totals

**** Miscellaneous Item Summary ****

** Undefined Item Class - '400' **

BUTTONHEAD	BUTTONHEAD BAR	236.000	Pcs	=	236.000	0	@	0.000	/	0	= \$	0.00	0	Kgs
Subtotal											= \$	0.00	0	Kgs
Grand Total											= \$	0.00	0	Kgs