

**SAMPLE -**

**Project Name:**

, TX USA

**Architect: -**

**Engineer:**

**Customer:**

**Job Type:** Lump Sum

**Estimator:** admin

**Creation Date:** 07/29/2025

**Last Modified:** 09/04/2025

**Status:** Complete

**Escalation:** No

**Cover Page Comments:**

**EXCLUSIONS:**

1. BINDING WIRES, WELDED BARS, SMOOTH DOWEL AND DOWEL BASKET
2. PRECAST, MANHOLE, CATCH BASIN, INLET, GUTTER
3. EPOXY COATED.
4. MASONRY.

**ASSUMPTIONS:**

1. ASSUMED REINFORCEMENT AS #5 @12" T&B EW FOR CONCRETE SLAB @TOP (SEC: 2/S5.1 & 1/S3.0).
2. ASSUMED REINFORCEMENT AS #5 @12" EW EF FOR CONCRETE WALL @ABOVE THE TOP SLAB (SEC: 2/S5.1 & 1/S3.0)
3. ASSUMED REINFORCEMENT AS #5 @12" EW EF FOR @HAUNCH SLAB (SEC: 2/S5.1).

**BUILDING:**

1. AERATION BASIN #1 & DIGESTER #1 (PHASE I)

**MAT SLAB:**

REBAR - 71,155 #

SUPPORTS - 370 3" HIGH IHC W/SANDPLATES

**CONCRETE WALL:**

REBAR - 512,759 #

SUPPORTS - 1170 2" HIGH SPACERS

**CONCRETE SLAB:**

REBAR - 11,210#

SUPPORTS - 95 2" HIGH SLAB BOLSTERS

2. CLARIFIER #1 (PHASE I)

**MAT SLAB:**

REBAR - 37,453#

SUPPORTS - 1203 3" HIGH IHC W/SANDPLATES

**CONCRETE WALL:**

REBAR - 39,894 #

SUPPORTS - 360 2" HIGH SPACERS

**Drawing References:**

**STRUCTURAL PLANS:**

S0.0,S0.1,S0.2,S0.3,S0.4,S1.0,S1.1,S1.2,S2.1,S2.2,S3.0,  
S3.1,S4.0,S4.1,S4.2,S5.0 & S5.1

Segment Summary					
Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Costing
<b>Included Segments:</b>					
<b>AERATION BASIN &amp; DIGESTER (PHASE 1)</b>	<b>595,124</b>	<b>0</b>	<b>0</b>	<b>595,124</b>	<b>No</b>
MAT SLAB	71,155	0	0	71,155	No
CONCRETE WALL	512,759	0	0	512,759	No
CONCRETE SLAB	11,210	0	0	11,210	No

**SAMPLE -**

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Costing
<b>CLARIFIER (PHASE 1)</b>	<b>77,347</b>	<b>0</b>	<b>0</b>	<b>77,347</b>	<b>No</b>
MAT SLAB	37,453	0	0	37,453	No
CONCRETE WALL	39,894	0	0	39,894	No

**Bid Group / Bid Item Summary**

Bid Group / Item	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Status
<b>AERATION PH1</b>	<b>595,124</b>	<b>0</b>	<b>0</b>	<b>595,124</b>	
C1 CONCRETE	595,124	0	0	595,124	Open
<b>CLARIFIER PH1</b>	<b>77,347</b>	<b>0</b>	<b>0</b>	<b>77,347</b>	
C2 CONCRETE	77,347	0	0	77,347	Open

**SAMPLE -****Estimate Defaults**

<b>Size Unit:</b> Imperial	<b>Building Code:</b> ACI 1983
<b>Length Unit:</b> Feet - Inches	<b>Concrete Strength:</b> 3000
<b>Weight Unit:</b> Pounds	<b>Lap Table:</b>
<b>Soft Hooks:</b> No	<b>Estimating Lap:</b> 48D
<b>Seismic Hooks:</b> No	<b>Steel Manufactured In:</b> ANY
	<b>Tie Clearance:</b> 0-012
	<b>Spiral Clearance:</b> 0-03
	<b>Spacing Tolerance:</b> 0-012
<b>Rebar Coating:</b> Black	<b>Rebar Grade:</b> 60
<b>Plain Coating:</b> Black	<b>Plain Grade:</b> 60
<b>Number of lap lengths to extend a stock bar before lapping:</b> 1	

# SAMPLE -

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
1	GI	Segment: AERATION BASIN & DIGESTER (PHASE 1) Sub-Segment: MAT SLAB Bid ...																	
2	MT	MAT SLAB																	
3	MT	SHT NO: S1.1 FOUNDATION PLAN - AERATION & DIGESTER																	
4	MT	30" THK MAT SLAB																	
5	TR	LS	SLAB	60		80-00	1-00		22/7	S	67-06				1	4-00	40-00	12,430	#7 @12" BOT
6	TR	BF	SLAB	60		8-04	1-00		22/7	S	38-06							744	#7 @12" BOT
7	TR	BF	SLAB	60		7-02	1-00		22/7	S	30-08							527	#7 @12" BOT
8	TR	LS	SLAB	60		80-00	0-08		22/7	S	67-06				1	5-03	40-00	18,892	#7 @8" TOP SW
9	TR	BF	SLAB	60		8-04	0-08		22/7	S	38-06							1,074	#7 @8" TOP SW
10	TR	BF	SLAB	60		7-02	0-08		22/7	S	30-08							724	#7 @8" TOP SW
11	TR	LS	SLAB	60		23-00	1-00		22/7	S	80-00				1	4-00	40-00	4,327	#7 @12" BOT
12	TR	LS	SLAB	60		7-00	1-00		22/7	S	91-10				1	4-00	40-00	1,714	#7 @12" BOT
13	TR	LS	SLAB	60		22-10	1-00		22/7	S	95-04				1	4-00	40-00	5,101	#7 @12" BOT
14	TR	LS	SLAB	60		8-08	1-00		22/7	S	91-10				1	4-00	40-00	1,928	#7 @12" BOT
15	TR	LS	SLAB	60		23-00	0-08		22/7	S	80-00				1	5-03	40-00	6,404	#7 @8" TOP LW
16	TR	LS	SLAB	60		7-00	0-08		22/7	S	91-10				1	5-03	40-00	2,416	#7 @8" TOP LW
17	TR	LS	SLAB	60		22-10	0-08		22/7	S	95-04				1	5-03	40-00	7,950	#7 @8" TOP LW
18	TR	LS	SLAB	60		8-08	0-08		22/7	S	91-10				1	5-03	40-00	3,075	#7 @8" TOP LW
19	TR	BF	SLAB	60	370				16/5	S	1-06	2-06	1-06	2-06	1-06			3,849	#5 @48" STNDS
20	TI	Pcs	SLAB		370				3" IHC									0	
21	GI	Segment: AERATION BASIN & DIGESTER (PHASE 1) Sub-Segment: CONCRETE WALL ...																	
22	MT	CONCRETE WALL																	
23	MT	SHT NO: S2.1 WALL PLAN - AERATION & DIGESTER																	
24	MT	20" THK CONCRETE WALL W-1 (SEC: 4,5/S3.1)																	
25	TR	BF	WALL	60		228-00	0-06	2	32/10	H	1-10	7-10						39,927	#10 @6" DWL
26	TR	BF	WALL	60		228-00	0-06	2	32/10	S	18-00							74,327	#10 @6" VEF
27	TR	LS	WALL	60		18-00	0-08	2	32/10	S	228-00				1	7-07	40-00	69,200	#10 @8" HEF
28	TR	BF	WALL	60		228-00	0-06		32/10	H	5-10	1-08	5-10					27,531	#10 @6" U BAR
29	TR	BF	WALL	60		228-00	0-06	2	32/10	H	1-00	3-04						17,898	#10 @6" SLAB
30	MT	(SEC: 7/S5.0)_ 2 LOCS																	
31	GM	START (2)							2										
32	TR	BF	WALL	60		18-00	0-08	2	32/10	H	5-10	7-10						6,916	#10 @8" COR
33	TR	BF	WALL	60		18-00	0-08	2	19/6	H	14-00							2,473	#6 @8" ADDLS
34	TR	BF	WALL	60		18-00	0-08		32/10	H	7-10	2-00	7-10					4,471	#10 @8" U BAR
35	TR	BF	WALL	60		18-00	0-08	2	32/10	H	1-10	6-09	1-10					5,271	#10 @8" DIAG
36	GM	END (2)							1										
37	MT	(SEC: 11/S5.0)_ 2 LOCS																	
38	GM	START (2)							2										
39	TR	BF	WALL	60	4			2	32/10	H	1-10	7-10						699	4-#10 D ADDLS
40	TR	BF	WALL	60		4-00	0-08	2	32/10	H	5-10	1-08	5-10					1,687	#10 @8" U BAR
41	TR	BF	WALL	60		6-00	0-06		32/10	H	5-10	1-08	5-10					1,566	#10 @6" U BAR
42	TR	LS	WALL	60	4				32/10	S	76-00				1	7-07	40-00	3,021	2-#10 HEF
43	TR	BF	WALL	60	4			2	32/10	S	18-00							1,301	4-#10 V ADDLS
44	TR	BF	WALL	60	2			2	32/10	S	6-00							217	2-#10 DIAG
45	GM	END (2)							1										
46	MT	(SEC: 12/S5.0)																	
47	TR	BF	WALL	60		4-00	0-08		32/10	H	2-06	2-08	2-06					242	#10 @8" U BAR
48	TR	BF	WALL	60	2			2	32/10	H	8-10	1-08	8-10					349	2#10 U BAR
49	TR	BF	WALL	60	2			2	32/10	S	4-00							72	2-#10 DIAG
50	MT	18" THK CONCRETE WALL W-2 (SEC: 4/S3.1)																	
51	TR	BF	WALL	60		126-03	0-10	2	32/10	H	1-10	7-10						13,280	#10 @10" DWL
52	TR	BF	WALL	60		126-03	0-10	2	32/10	S	18-00							24,722	#10 @10" VEF
53	TR	LS	WALL	60		18-00	0-10	2	32/10	S	126-03				1	7-07	40-00	29,621	#10 @10" HEF
54	TR	BF	WALL	60		91-09	0-10		32/10	H	5-10	1-06	5-10					6,603	#10 @10" U
55	TR	BF	WALL	60		34-06	0-10	2	32/10	H	1-00	3-04						1,645	#10 @10" SLAB
56	MT	OPNG ADDLS																	
57	GM	START (2)							2										

**SAMPLE -**

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes			
58	TR	BF	WALL	60	2			2	32/10	H	1-10	7-10						349	2-#10 D ADDLS			
59	TR	BF	WALL	60		4-00	0-10	2	32/10	H	5-10	1-08	5-10					1,446	#10 @10" U			
60	TR	BF	WALL	60		3-00	0-10		32/10	H	5-10	1-08	5-10					602	#10 @10" U			
61	TR	BF	WALL	60	2			2	32/10	S	18-00							651	2-#10 V ADDLS			
62	TR	BF	WALL	60	2			2	32/10	S	6-00							217	2-#10 DIAG			
63	GM	END (2)						1														
64	MT	(SEC: 5/S5.0)_2 LOCS																				
65	GM	START (2)						2														
66	TR	BF	WALL	60		18-00	0-10	2	32/10	H	7-06	1-08	7-06					6,627	#10 @10" U			
67	TR	BF	WALL	60		18-00	0-10		32/10	H	3-00	4-03	3-00					2,037	#10 @10" COR			
68	GM	END (2)						1														
69	MT	(SEC: 7/S5.0)_ 4 LOCS																				
70	GM	START (4)						4														
71	TR	BF	WALL	60		18-00	0-10	2	32/10	H	5-10	7-10						10,869	#10 @10" COR			
72	TR	BF	WALL	60		18-00	0-10	2	19/6	H	14-00							3,886	#6 @10" ADDLS			
73	TR	BF	WALL	60		18-00	0-10		32/10	H	7-10	2-00	7-10					7,026	#10 @10" U			
74	TR	BF	WALL	60		18-00	0-10	2	32/10	H	1-10	6-09	1-10					8,283	#10 @10" DIAG			
75	GM	END (4)						1														
76	MT	18" THK CONCRETE WALL W-3 (SEC: 2/S3.1)																				
77	TR	BF	WALL	60		166-00	0-08	2	32/10	H	1-10	7-10						21,842	#10 @8" DWL			
78	TR	BF	WALL	60		166-00	0-08	2	32/10	S	18-00							40,660	#10 @8" VEF			
79	TR	LS	WALL	60		18-00	0-10	2	25/8	S	166-00				1	6-00	40-00	23,437	#8 @10" HEF			
80	TR	BF	WALL	60		131-06	0-08		32/10	H	5-10	1-06	5-10					11,778	#10 @8" U BAR			
81	TR	BF	WALL	60		34-06	0-08	2	32/10	H	1-00	3-04						2,036	#10 @8" SLAB			
82	TR	BF	WALL	60	585				16/5	H	0-06	1-08	0-06					1,707	#5 @48"			
83	TI	Pcs	WALL		1170				2" SP												0	2" HIGH SPACERS
84	MT	(SEC: 12/S5.0)_2 LOCS																				
85	GM	START (2)						2														
86	TR	BF	WALL	60		4-00	0-08		32/10	H	2-06	2-08	2-06					485	#10 @8" U BAR			
87	TR	BF	WALL	60	2			2	32/10	H	8-10	1-08	8-10					699	2#10 U BAR			
88	TR	BF	WALL	60	2			2	32/10	S	4-00							145	2-#10 DIAG			
89	GM	END (2)						1														
90	MT	(SEC: 9/S5.0)_2 LOCS																				
91	GM	START (2)						2														
92	TR	BF	WALL	60		18-00	0-10	2	25/8	H	7-06	1-08	7-06					4,112	#8 @10" U BAR			
93	TR	BF	WALL	60		18-00	0-10		25/8	H	3-00	4-03	3-00					1,264	#8 @10" COR			
94	TR	BF	WALL	60		18-00	0-10	2	25/8	S	13-08							3,372	#8 @10" ADDLS			
95	GM	END (2)						1														
96	MT	(SEC: 5/S5.0)_4 LOCS																				
97	GM	START (4)						4														
98	TR	BF	WALL	60		18-00	0-10	2	25/8	H	7-06	1-08	7-06					8,224	#8 @10" U BAR			
99	TR	BF	WALL	60		18-00	0-10		25/8	H	3-00	4-03	3-00					2,528	#8 @10" COR			
100	GM	END (4)						1														
101	MT	(SEC: 7/S5.0)_ 2 LOCS																				
102	GM	START (2)						2														
103	TR	BF	WALL	60		18-00	0-10	2	25/8	H	5-10	7-10						3,372	#8 @10" COR			
104	TR	BF	WALL	60		18-00	0-10	2	19/6	H	14-00							1,943	#6 @10" ADDLS			
105	TR	BF	WALL	60		18-00	0-10		25/8	H	7-10	2-00	7-10					2,180	#8 @10" U BAR			
106	TR	BF	WALL	60		18-00	0-10	2	25/8	H	1-10	6-09	1-10					2,570	#8 @10" DIAG			
107	GM	END (2)						1														
108	MT	9" THK CONCRETE WALL (SEC: 1/S3.0)																				
109	TR	BF	WALL	60		112-03	1-00	2	16/5	H	0-10	4-06						1,320	#5 @12" D/V EF			
110	TR	LS	WALL	60		3-06	1-00	2	16/5	S	112-03				1	3-00	40-00	1,295	#5 @12" HEF			
111	TR	BF	WALL	60		3-06	1-00	16*2	16/5	H	3-00	3-00						1,051	#5 @12" COR			
112	TR	BF	WALL	60	585				16/5	H	0-06	1-08	0-06					1,707	#5 @48"			
113	GI	Segment: AERATION BASIN & DIGESTER (PHASE 1) Sub-Segment: CONCRETE SLAB ...																				
114	MT	CONCRETE SLAB																				

**SAMPLE -**

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
115	MT	2'-6" THK CATWALK SLAB (SEC: 1/S5.1)																	
116	TR	BF	SLAB	60		3-07	1-00	2	16/5	S	34-06							378	#5 @12" BOT
117	TR	BF	SLAB	60		34-06	1-00	2	16/5	H	0-06	3-07	2-04					492	#5 @12" BOT
118	TR	BF	SLAB	60		6-02	1-00		16/5	S	34-06							264	#5 @12" TOP
119	TR	BF	SLAB	60		34-06	1-00		16/5	H	6-02							236	#5 @12" TOP
120	MT	6" THK PAD (SEC: 1/S5.1)																	
121	TR	BF	SLAB	60		4-10	1-00	2	13/4	S	34-06							290	#4 @12" T&B
122	TR	BF	SLAB	60		34-06	1-00	2	13/4	S	4-10							237	#4 @12" T&B
123	TR	BF	SLAB	60		34-06	1-00	2	13/4	H	1-00	1-00						98	#4 @12" DRILL
124	TR	BF	SLAB	60		4-10	1-00	2	13/4	H	1-00	1-00						17	#4 @12" DRILL
125	MT	2'-6" THK CATWALK SLAB (SEC: 1/S5.1)																	
126	TR	BF	SLAB	60		3-07	1-00		16/5	S	34-06							189	#5 @12" BOT
127	TR	BF	SLAB	60		34-06	1-00		16/5	H	0-06	3-07	2-04					246	#5 @12" BOT
128	TR	BF	SLAB	60		3-10	1-00		16/5	S	34-06							189	#5 @12" TOP
129	TR	BF	SLAB	60		34-06	1-00		16/5	H	3-10							147	#5 @12" TOP
130	MT	6" THK PAD (SEC: 1/S5.1)																	
131	TR	BF	SLAB	60		4-10	1-00	2	13/4	S	34-06							290	#4 @12" T&B
132	TR	BF	SLAB	60		34-06	1-00	2	13/4	S	4-10							237	#4 @12" T&B
133	TR	BF	SLAB	60		34-06	1-00	2	13/4	H	1-00	1-00						98	#4 @12" DRILL
134	TR	BF	SLAB	60		4-10	1-00	2	13/4	H	1-00	1-00						17	#4 @12" DRILL
135	MT	12" THK SLAB																	
136	TR	LS	SLAB	60		3-00	1-00	2	16/5	S	63-09				1	3-00	40-00	585	#5 @12" T&B
137	TR	BF	SLAB	60		63-09	1-00	2	16/5	S	3-00							420	#5 @12" T&B
138	TR	BF	SLAB	60	12				13/4	H	1-06	1-00	1-06	1-00	1-06			55	#4 @48" STNDS
139	TI	If	SLAB		15				2" SB									0	2" HIGH SLAB
140	MT	12" THK SLAB																	
141	TR	LS	SLAB	60		3-00	1-00	2	16/5	S	122-00				1	3-00	40-00	1,148	#5 @12" T&B
142	TR	BF	SLAB	60		122-00	1-00	2	16/5	S	3-00							808	#5 @12" T&B
143	TR	BF	SLAB	60	24				13/4	H	1-06	1-00	1-06	1-00	1-06			109	#4 @48" STNDS
144	TI	If	SLAB		25				2" SB									0	2" HIGH SLAB
145	MT	12" THK SLAB																	
146	TR	LS	SLAB	60		5-03	1-00	2	16/5	S	52-00				1	3-00	40-00	723	#5 @12" T&B
147	TR	BF	SLAB	60		52-00	1-00	2	16/5	S	5-03							609	#5 @12" T&B
148	TR	BF	SLAB	60	18				13/4	H	1-06	1-00	1-06	1-00	1-06			82	#4 @48" STNDS
149	TI	If	SLAB		20				2" SB									0	2" HIGH SLAB
150	MT	12" THK SLAB (AREA: 535 SQ.FT)																	
151	TR	RA	SLAB	60		1-00	1-00	2	16/5	S	23-02	23-02				3-00	40-00	2,436	#5 @12" T&B
152	TR	BF	SLAB	60	34				13/4	H	1-06	1-00	1-06	1-00	1-06			155	#4 @48" STNDS
153	TI	If	SLAB		35				2" SB									0	2" HIGH SLAB
154	TR	BF	SLAB	60		42-00	1-00	2	16/5	H	2-00	3-00						471	#5 @12" D/V EF
155	TR	LS	SLAB	60	2			2	16/5	S	42-00				1	3-00	40-00	184	2-#5 HEF
156	GI	Segment: CLARIFIER (PHASE 1) Sub-Segment: MAT SLAB Bid Group: CLARIFIER...																	
157	MT	SHEET NO: S1.2 FOUNDATION PLAN - CLARIFIER (PHASE 1)																	
158	MT	MAT SLAB																	
159	MT	55'-0" DIA. CIRCULAR MAT SLAB																	
160	TR	CC	SLAB	60			1-00		19/6	H	27-06		3-00			3-07	40-00	4,308	#6 @12"T.
161	TR	CC	SLAB	60			1-00		19/6	H	27-06		0-06			2-09	40-00	4,229	#6 @12" B.
162	TR	RS	SLAB	60	11	55-00	1-00	2	19/6	S	27-06		17-06				40-00	12,293	#6 @12" T&B
163	TR	BF	SLAB	60	1190				13/4	H	1-06	2-06	1-06	2-06	1-06			7,928	#4 @48"
164	TR	BF	SLAB	60	3			2	13/4	S	4-00							17	3-#4 RE-ENT.
165	TI	Pcs	SLAB		1190				3" IHC									0	3' HIGH IHC
166	MT	WALL DOWELS																	
167	TR	BF	SLAB	60		155-06	0-08	2	19/6	H	2-01	2-06	0-04	2-09				5,683	#6 @8" WALL
168	TR	BF	SLAB	60		19-04	0-08	2	19/6	H	2-01	2-06	0-04	2-09				726	#6 @8" WALL
169	MT	11'-0"x8'-0" RECTANGULAR MAT SLAB																	
170	TR	BF	SLAB	60		8-00	1-00	2	19/6	S	11-00							312	#6 @12" T&B
171	TR	BF	SLAB	60		11-00	1-00	2	19/6	S	8-00							303	#6 @12" T&B

**SAMPLE -**

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
172	TR	BF	SLAB	60	7				13/4	H	1-06	2-01	1-06	2-01	1-06			43	#4 @48"
173	TI	Pcs	SLAB		7				3" IHC									0	3' HIGH IHC
174	MT	3'-0" DIA. CIRCULAR CLARIFIER SUMP - SEC 3/S1.2																	
175	MT	9'-0"x9'-0" THICKENED MAT																	
176	TR	BF	SLAB	60		9-00	1-00	2	19/6	S	8-06							268	#6 @12" ADDL.
177	TR	BF	SLAB	60		9-00	1-00	2	19/6	S	2-01	6-00	2-01					321	#6 @12" ADDL.
178	TR	BF	SLAB	60	6				13/4	H	1-06	2-01	1-06	2-01	1-06			36	#4 @48"
179	TR	BF	SLAB	60		9-00	1-00	2	19/6	S	2-09	5-09	9-00	5-09	2-09			820	#6 @12" BENT
180	TR	BF	SLAB	60		18-10	1-00		19/6	S	2-09	2-06						166	#6 @12" HOOK
181	TI	Pcs	SLAB		6				3" IHC									0	3' HIGH IHC
182	GI	Segment: CLARIFIER (PHASE 1) Sub-Segment: CONCRETE WALL Bid Group: CLAR...																	
183	MT	CONCRETE WALL																	
184	MT	1'-6" THK. CIRCULAR CONCRETE WALL																	
185	TR	BF	WALL	60		151-06	0-08	2	19/6	S	17-05							12,581	#6 @8" VERT.
186	TR	BF	WALL	60		4-00	0-08	2	19/6	S	13-05							296	#6 @8" V. EF
187	TR	BF	WALL	60		4-00	0-08	2	19/6	S	1-09							39	#6 @8" V. EF
188	TR	BF	WALL	60		19-04	0-08	2	19/6	S	17-05							1,648	#6 @8" V. EF @
189	TR	BF	WALL	60		170-10	0-08		19/6	H	2-01	1-00	2-01					2,103	#6 @8" U BAR
190	TR	BF	WALL	60		4-00	0-08		19/6	H	1-09	1-00	1-09					50	#6 @8" U BAR
191	TR	LS	WALL	60		15-05	0-08		19/6	S	159-01				1	2-09	40-00	6,706	#6 @8" HOR. @
192	TR	LS	WALL	60		2-00	0-08		19/6	S	155-01				1	2-09	40-00	1,048	#6 @8" HOR. @
193	TR	LS	WALL	60		15-05	0-08		19/6	S	152-03				1	2-09	40-00	6,328	#6 @8" HOR. @
194	TR	LS	WALL	60		2-00	0-08		19/6	S	148-03				1	2-09	40-00	987	#6 @8" HOR. @
195	TR	BF	WALL	60		17-05	0-08	2	19/6	S	11-00							972	#6 @8" H. LW
196	TR	BF	WALL	60		17-05	0-08	2*2	19/6	S	7-00							1,237	#6 @8" H. SW
197	TR	BF	WALL	60		17-05	0-08	2*2	19/6	H	S90	1-03	0-04	2-09				942	#6 @8" DWLS
198	TR	BF	WALL	60		17-05	8-00	2*2	16/5	H	1-00	2-00	0-08					64	#5 @8" COR.
199	TR	BF	WALL	60	180				13/4	H	0-05	1-06	0-05					295	#4 @48"
200	TI	Pcs	WALL		360				2" SP									0	2" HIGH SPACERS
201	MT	ADDL. REINFORCEMENT @ OPEN (SEC 7/S3.1, 9/S4.1, 2,6&12/S5.0																	
202	TR	BF	WALL	60	3*2			2	19/6	S	2-01	4-00	2-01					155	3-#6 H. ADDL @
203	TR	BF	WALL	60	4*2			2	19/6	S	1-09	2-00	2-01					147	4-#6 V. ADDL @
204	TR	BF	WALL	60	3*4			2	16/5	S	2-00							53	3-#5 COR. BAR
205	TR	BF	WALL	60		2-00	0-08		19/6	H	2-01	1-00	2-01					33	#6 @8" U BAR
206	MT	LAUNDER TROUGH SUPPORT @ PERIMETER WALL - SEC 2/S5.2																	
207	TR	CC	WALL	60			1-00		16/5	H	24-00		21-06			3-07	40-00	689	#5 @12"T.
208	TR	CC	WALL	60			1-00		16/5	H	24-00		21-06			2-09	40-00	671	#5 @12" B.
209	TR	RS	WALL	60	1	48-00	1-00	2	16/5	S	2-06						40-00	827	#5 @12" T&B
210	TR	BF	WALL	60		135-00	1-00		16/5	H	1-09	1-06						484	#5 @12" L BAR
211	TR	CC	WALL	60	2				16/5	H	24-00		23-00			3-07	40-00	359	#5 @12"T.
212	TR	BF	WALL	60		150-09	1-00		16/5	H	1-07	1-07						528	#5 @12" B.
213	TR	BF	WALL	60		150-09	1-00		16/5	H	2-04	1-07						652	#5 @12" T.

# SAMPLE -

## Segment: AERATION BASIN & DIGESTER (PHASE 1)

### Total for MAT SLAB

#### \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

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

#### \*\* Grade 60, Black \*\*

16/5	3,849	3,849	0	0	0
22/7	67,307	67,307	0	0	39,577
	71,156	71,156	0	0	39,577

#### \*\*\*\* Miscellaneous Item Summary \*\*\*\*

Comments, Etc.

3" IHC	3" HIGH IHC W/SANDPLATES	370.000 Pcs	=	370.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
Subtotal							= \$	0.00	0 Lbs
Grand Total							= \$	0.00	0 Lbs

### Total for CONCRETE WALL

#### \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

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

#### \*\* Grade 60, Black \*\*

16/5	7,080	1,295	5,785	0	876
19/6	8,302	0	8,302	0	0
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	512,760	272,259	240,501	0	106,639

#### \*\*\*\* Miscellaneous Item Summary \*\*\*\*

Comments, Etc.

2" SP	2" HIGH SPACERS	1,170.000 Pcs	=	1,170.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
Subtotal							= \$	0.00	0 Lbs
Grand Total							= \$	0.00	0 Lbs



**SAMPLE -**

**Total for CONCRETE SLAB**

**\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	9,523	7,931	1,592	0	1,927
	11,208	8,985	2,223	0	1,927

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

2" SB	2" HIGH SLAB BOLSTERS	95.000	lf	=	95.000	lf	@	0.000	/	lf	= \$	0.00	0 Lbs
Subtotal											= \$	0.00	0 Lbs
Grand Total											= \$	0.00	0 Lbs

**Total for Segment: AERATION BASIN & DIGESTER (PHASE 1)**

**\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	20,452	13,075	7,377	0	2,803
19/6	8,302	0	8,302	0	0
22/7	67,307	67,307	0	0	39,577
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	595,124	352,400	242,724	0	148,143

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

2" SB	2" HIGH SLAB BOLSTERS	95.000	lf	=	95.000	lf	@	0.000	/	lf	= \$	0.00	0 Lbs
2" SP	2" HIGH SPACERS	1,170.000	Pcs	=	1,170.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
3" IHC	3" HIGH IHC W/SANDPLATES	370.000	Pcs	=	370.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
Subtotal											= \$	0.00	0 Lbs
Grand Total											= \$	0.00	0 Lbs

**SAMPLE -****Segment: CLARIFIER (PHASE 1)****Total for MAT SLAB****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	8,024	17	8,007	0	0
19/6	29,418	14,483	14,935	0	6,552
	<u>37,442</u>	<u>14,500</u>	<u>22,942</u>	<u>0</u>	<u>6,552</u>

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

3" IHC	3" HIGH IHC W/SANDPLATES	1,203.000 Pcs	=	1,203.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
Subtotal							= \$	0.00	0 Lbs
Grand Total							= \$	0.00	0 Lbs

**Total for CONCRETE WALL****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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**\*\* Grade 60, Black \*\***

13/4	295	0	295	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	35,271	32,143	3,128	0	12,805
	<u>39,892</u>	<u>34,721</u>	<u>5,171</u>	<u>0</u>	<u>14,203</u>

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

2" SP	2" HIGH SPACERS	360.000 Pcs	=	360.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
Subtotal							= \$	0.00	0 Lbs
Grand Total							= \$	0.00	0 Lbs

**SAMPLE -****Total for Segment: CLARIFIER (PHASE 1)****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	8,319	17	8,302	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	64,689	46,626	18,063	0	19,357
	77,334	49,221	28,113	0	20,755

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

2" SP	2" HIGH SPACERS	360.000 Pcs	=	360.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
3" IHC	3" HIGH IHC W/SANDPLATES	1,203.000 Pcs	=	1,203.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
<b>Subtotal</b>							= \$	0.00	0 Lbs
<b>Grand Total</b>							= \$	0.00	0 Lbs

**SAMPLE -****Bid Group: AERATION PH1****Total for C1 CONCRETE****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	20,452	13,075	7,377	0	2,803
19/6	8,302	0	8,302	0	0
22/7	67,307	67,307	0	0	39,577
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	595,124	352,400	242,724	0	148,143

**\*\*\*\* Miscellaneous Item Summary \*\*\*\*****Comments, Etc.**

2" SB	2" HIGH SLAB BOLSTERS	95.000	If	=	95.000	If	@	0.000	/	If	= \$	0.00	0 Lbs
2" SP	2" HIGH SPACERS	1,170.000	Pcs	=	1,170.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
3" IHC	3" HIGH IHC W/SANDPLATES	370.000	Pcs	=	370.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
<b>Subtotal</b>											= \$	0.00	0 Lbs
<b>Grand Total</b>											= \$	0.00	0 Lbs

**Total for Bid Group: AERATION PH1****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	20,452	13,075	7,377	0	2,803
19/6	8,302	0	8,302	0	0
22/7	67,307	67,307	0	0	39,577
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	595,124	352,400	242,724	0	148,143

**\*\*\*\* Miscellaneous Item Summary \*\*\*\*****Comments, Etc.**

2" SB	2" HIGH SLAB BOLSTERS	95.000	If	=	95.000	If	@	0.000	/	If	= \$	0.00	0 Lbs
2" SP	2" HIGH SPACERS	1,170.000	Pcs	=	1,170.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
3" IHC	3" HIGH IHC W/SANDPLATES	370.000	Pcs	=	370.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
<b>Subtotal</b>											= \$	0.00	0 Lbs
<b>Grand Total</b>											= \$	0.00	0 Lbs

**SAMPLE -****Bid Group: CLARIFIER PH1****Total for C2 CONCRETE****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	8,319	17	8,302	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	64,689	46,626	18,063	0	19,357
	77,334	49,221	28,113	0	20,755

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

2" SP	2" HIGH SPACERS	360.000 Pcs	=	360.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
3" IHC	3" HIGH IHC W/SANDPLATES	1,203.000 Pcs	=	1,203.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
Subtotal							= \$	0.00	0 Lbs
Grand Total							= \$	0.00	0 Lbs

**Total for Bid Group: CLARIFIER PH1****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	8,319	17	8,302	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	64,689	46,626	18,063	0	19,357
	77,334	49,221	28,113	0	20,755

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

2" SP	2" HIGH SPACERS	360.000 Pcs	=	360.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
3" IHC	3" HIGH IHC W/SANDPLATES	1,203.000 Pcs	=	1,203.000 Pcs	@	0.000 / Pcs	= \$	0.00	0 Lbs
Subtotal							= \$	0.00	0 Lbs
Grand Total							= \$	0.00	0 Lbs

**SAMPLE -****Rebar Sub-Segment Summary****Segment: AERATION BASIN & DIGESTER (PHASE 1)****Sub-Segment: MAT SLAB****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

16/5	3,849	3,849	0	0	0
22/7	67,307	67,307	0	0	39,577
	<u>71,156</u>	<u>71,156</u>	<u>0</u>	<u>0</u>	<u>39,577</u>

**Sub-Segment: CONCRETE WALL****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

16/5	7,080	1,295	5,785	0	876
19/6	8,302	0	8,302	0	0
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	<u>512,760</u>	<u>272,259</u>	<u>240,501</u>	<u>0</u>	<u>106,639</u>

**Sub-Segment: CONCRETE SLAB****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	9,523	7,931	1,592	0	1,927
	<u>11,208</u>	<u>8,985</u>	<u>2,223</u>	<u>0</u>	<u>1,927</u>

**Total for Segment: AERATION BASIN & DIGESTER (PHASE 1)****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	20,452	13,075	7,377	0	2,803
19/6	8,302	0	8,302	0	0
22/7	67,307	67,307	0	0	39,577
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	<u>595,124</u>	<u>352,400</u>	<u>242,724</u>	<u>0</u>	<u>148,143</u>

**SAMPLE -**

## Rebar Sub-Segment Summary

Segment: CLARIFIER (PHASE 1)

Sub-Segment: MAT SLAB

\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

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

\*\* Grade 60, Black \*\*

13/4	8,024	17	8,007	0	0
19/6	29,418	14,483	14,935	0	6,552
	<u>37,442</u>	<u>14,500</u>	<u>22,942</u>	<u>0</u>	<u>6,552</u>

Sub-Segment: CONCRETE WALL

\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

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

\*\* Grade 60, Black \*\*

13/4	295	0	295	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	35,271	32,143	3,128	0	12,805
	<u>39,892</u>	<u>34,721</u>	<u>5,171</u>	<u>0</u>	<u>14,203</u>

Total for Segment: CLARIFIER (PHASE 1)

\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

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

\*\* Grade 60, Black \*\*

13/4	8,319	17	8,302	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	64,689	46,626	18,063	0	19,357
	<u>77,334</u>	<u>49,221</u>	<u>28,113</u>	<u>0</u>	<u>20,755</u>

**SAMPLE -****Rebar Bid Item Summary****Bid Group: AERATION PH1****Bid Item: C1 CONCRETE****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	20,452	13,075	7,377	0	2,803
19/6	8,302	0	8,302	0	0
22/7	67,307	67,307	0	0	39,577
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	<u>595,124</u>	<u>352,400</u>	<u>242,724</u>	<u>0</u>	<u>148,143</u>

**Total for Bid Group: AERATION PH1****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	1,685	1,054	631	0	0
16/5	20,452	13,075	7,377	0	2,803
19/6	8,302	0	8,302	0	0
22/7	67,307	67,307	0	0	39,577
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	<u>595,124</u>	<u>352,400</u>	<u>242,724</u>	<u>0</u>	<u>148,143</u>



**SAMPLE -****Rebar Bid Item Summary****Bid Group: CLARIFIER PH1****Bid Item: C2 CONCRETE****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	8,319	17	8,302	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	64,689	46,626	18,063	0	19,357
	<u>77,334</u>	<u>49,221</u>	<u>28,113</u>	<u>0</u>	<u>20,755</u>

**Total for Bid Group: CLARIFIER PH1****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

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

**\*\* Grade 60, Black \*\***

13/4	8,319	17	8,302	0	0
16/5	4,326	2,578	1,748	0	1,398
19/6	64,689	46,626	18,063	0	19,357
	<u>77,334</u>	<u>49,221</u>	<u>28,113</u>	<u>0</u>	<u>20,755</u>

**SAMPLE -****Estimate Totals****\*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\***

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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**\*\* Grade 60, Black \*\***

13/4	10,004	1,071	8,933	0	0
16/5	24,778	15,653	9,125	0	4,201
19/6	72,991	46,626	26,365	0	19,357
22/7	67,307	67,307	0	0	39,577
25/8	51,060	26,810	24,250	0	19,737
32/10	446,318	244,154	202,164	0	86,026
	<u>672,458</u>	<u>401,621</u>	<u>270,837</u>	<u>0</u>	<u>168,898</u>

**SAMPLE -****Estimate Totals****\*\*\*\* Miscellaneous Item Summary \*\*\*\***

Comments, Etc.

2" SB	2" HIGH SLAB BOLSTERS	95.000	If	=	95.000	If	@	0.000	/	If	= \$	0.00	0 Lbs
2" SP	2" HIGH SPACERS	1,530.000	Pcs	=	1,530.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
3" IHC	3" HIGH IHC W/SANDPLATES	1,573.000	Pcs	=	1,573.000	Pcs	@	0.000	/	Pcs	= \$	0.00	0 Lbs
<b>Subtotal</b>											= \$	0.00	0 Lbs
<b>Grand Total</b>											= \$	0.00	0 Lbs