

**INT-124 - TOWER ROAD RESIDENCE**

**Project Name:** TOWER ROAD RESIDENCE  
1155 TOWER ROAD.  
Beverly Hills, CA 90210 USA



**Architect:** MASASSTUDIO ARCHITECT  
**Engineer:** TAYLOR & SATFON  
**Customer:** WHITE CAP HD

**Job Type:** Lump Sum

**Estimator:** admin  
**Creation Date:** 11/5/2022  
**Last Modified:** 11/5/2022  
**Status:** Complete

**Escalation:** No

**Segment Summary**

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Costing
<b>Included Segments:</b>					
<b>FOUNDATION</b>	<b>254,344</b>	<b>0</b>	<b>0</b>	<b>254,344</b>	<b>No</b>
SPREAD FOOTING	169	0	0	169	No
GRADE BEAM	46,258	0	0	46,258	No
CONCRETE RETAINING WALL	69,666	0	0	69,666	No
CONCRETE PILE	115,768	0	0	115,768	No
SLAB ON GRADE	22,483	0	0	22,483	No
<b>POOL PLAN</b>	<b>15,435</b>	<b>0</b>	<b>0</b>	<b>15,435</b>	<b>No</b>
GRADE BEAM	3,305	0	0	3,305	No
CONCRETE PILE	2,089	0	0	2,089	No
CONCRETE WALL	6,486	0	0	6,486	No
MAT SLAB	3,555	0	0	3,555	No

**INT-124 - TOWER ROAD RESIDENCE****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> 0-00
<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	

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes	
1	GI	Segment: FOUNDATION Sub-Segment: SPREAD FOOTING																		
2	MT	(4'-6"X4'-6"X1'-0") - (3 EACH) - REF-S1.2																		
3	TR	BF		60		4-06	1-00	2*3	16/5	S	4-06							169	#5 @12" EW.BOT	
4	GI	Segment: FOUNDATION Sub-Segment: GRADE BEAM																		
5	MT	(31'-0"X1'-6"X2'-0") - REF-7/S2.2																		
6	TR	BF		60	4			2	22/7	H	31-00	3-06	2-00					597	4-#7 T&B.CONT.	
7	TR	BF		60		31-00	1-00	1	13/4	L	7-08							164	#4 @12" TIES	
8	TR	BF		60		22-00	1-00	1	13/4	S	5-06							84	#4 @12" VERT	
9	TR	BF		60		3-06	1-00	1	13/4	S	31-00	2-00						110	#4 @12" HORIZ.	
10	TR	BF		60	2			2	16/5	S	31-00	2-06						140	2-#5 T&B.HORIZ	
11	MT	(58'-0"X4'-0"X2'-0") - REF-21/S2.1																		
12	TR	BF		60	7			1	25/8	S	58-00	4-00	2-00					1,196	7-#8 TOP.CONT.	
13	TR	BF		60	5			1	16/5	S	58-00	2-06	2-00					326	5-#5 BOT.CONT.	
14	TR	BF		60		58-00	1-00	1	13/4	L	12-08							499	#4 @12" TIES	
15	TR	BF		60		37-00	1-04	2	13/4	S	6-00							232	#4 @16" EF.VERT	
16	TR	BF		60		4-00	1-04	2	13/4	S	37-00	2-00						208	#4 @16" EF.HORIZ.	
17	TR	BF		60	3			1	16/5	S	37-00	2-06						124	3-#5 CONT.	
18	MT	(63'-0"X1'-4"X5'-0") - REF-27/S2.1																		
19	TR	LS		60	2			2	16/5	S	63-00				0	2-06	30-00	284	2-#5 T&B.CONT.	
20	TR	BF		60		63-00	1-04	2	13/4	L	6-06	0-08						469	#4 @16" EF.DWLS	
21	MT	(51'-0"X3'-0"X1'-5") - REF-2/S2.1																		
22	TR	BF		60		3-00	1-00	1	13/4	S	51-00	2-00						142	#4 @12" TOP.CONT.	
23	TR	BF		60		3-00	1-00	1	16/5	S	51-00	2-06						223	#5 @12" BOT.CONT.	
24	TR	BF		60		51-00	1-00	1	13/4	L	3-08							127	#4 @12" DWLS	
25	TR	BF		60		51-00	1-06	1	13/4	L	2-00	1-06						82	#4 @18" SLAB DWLS	
26	TR	BF		60		51-00	1-02	1	19/6	H	6-00	1-06	3-00					710	#6 @14" DWLS	
27	MT	(33'-0"X9'-0"X1'-6") - REF-22/S2.1																		
28	TR	BF		60		9-00	1-00	1	13/4	S	33-00	2-00						234	#4 @12" TOP.CONT	
29	TR	BF		60		9-00	1-00	1	16/5	S	33-00	2-06						370	#5 @12" BOT.CONT	
30	TR	BF		60		33-00	1-00	1	13/4	H	9-00	0-10	0-10					242	#4 @12" TRANS.	
31	TR	BF		60		33-00	1-00	1	16/5	S	9-00							319	#5 @12" TRANS	
32	MT	(320'-0"X7'-0"X1'-6") - REF-2/S2.1																		
33	TR	LS		60		7-00	1-00	1	13/4	S	320-00				0	2-00	30-00	1,828	#4 @12" TOP.CONT.	
34	TR	LS		60		7-00	1-00	1	16/5	S	320-00				0	2-06	30-00	2,900	#5 @12" BOT.CONT.	
35	TR	BF		60		320-00	1-00	1	13/4	L	7-00	0-10	0-10					1,859	#4 @12" TRANS	
36	TR	BF		60		320-00	1-00	1	16/5	H	7-00	0-10	0-10					2,902	#5 @12" TRANS	
37	MT	(125'-0"X1'-4"X1'-4") - REF-3/S2.1																		
38	TR	LS		60	2			2	16/5	S	125-00				0	2-06	30-00	563	2-#5 T&B.CONT.	
39	TR	BF		60		125-00	1-04	2	13/4	L	2-00	1-04						423	#4 @16" EF.DWLS	
40	MT	(23'-0"X2'-6"X1'-4") - REF-3/S2.1																		
41	TR	BF		60	2			2	16/5	S	23-00							96	2-#5 T&B.CONT.	
42	TR	BF		60		23-00	1-04	2	13/4	L	2-00	1-04						85	#4 @16" EF.DWLS	
43	MT	(33'-0"X1'-4"X1'-6") - REF-4/S2.1																		
44	TR	BF		60	2			2	16/5	S	33-00	2-06						148	2-#5 T&B.CONT.	
45	TR	BF		60		33-00	1-00	1	13/4	L	6-04							144	#4 @12" TIES	
46	TR	BF		60		33-00	1-04	1	13/4	L	2-00	1-04						58	#4 @16" DWLS	
47	TR	BF		60	1			1	13/4	S	33-00	2-00						23	1-#4 CONT.	
48	MT	(64'-0"X9'-9"X1'-6") - REF-22/S2.1																		
49	TR	BF		60		9-09	1-00	1	13/4	S	64-00	2-00						485	#4 @12" TOP.CONT	
50	TR	BF		60		9-09	1-00	1	16/5	S	64-00	2-06						763	#5 @12" BOT.CONT	
51	TR	BF		60		64-00	1-00	1	13/4	H	9-09	0-10	0-10					496	#4 @12" TRANS.	
52	TR	BF		60		64-00	1-00	1	16/5	S	9-09							661	#5 @12" TRANS	
53	MT	(22'-0"X1'-6"X1'-6") - REF-12/S2.1																		
54	TR	BF		60	3			2	22/7	H	22-00	2-00						294	3-#7 T&B.CONT.	
55	TR	BF		60		22-00	1-00	1	13/4	L	6-08							102	#4 @12" TIES	
56	MT	GROUND FLOOR - REF-S1.2																		
57	MT	(98'-0"X3'-0"X1'-6") - REF-2/S2.1																		
58	TR	BF		60		3-00	1-00	1	13/4	S	98-00	6-00						278	#4 @12" TOP.CONT.	
59	TR	BF		60		3-00	1-00	1	16/5	S	98-00	8-00						442	#5 @12" BOT.CONT.	
60	TR	BF		60		98-00	1-00	1	13/4	L	3-00	0-08						242	#4 @12" TRANS	
61	TR	BF		60		98-00	1-00	1	16/5	H	3-00	0-10						396	#5 @12" BOT.TRANS	

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes	
62	MT	(161'-0"X1'-4"X1'-6") - REF-3/S2.1																		
63	TR	LS		60	2			2	16/5	S	161-00				0	2-06	30-00	724	2-#5 T&B.CONT.	
64	TR	BF		60		161-00	1-04	2	13/4	L	2-00	1-04						543	#4 @16" EF.DWLS	
65	MT	(52'-0"X1'-6"X1'-6") - REF-5/S2.1																		
66	TR	BF		60	4			2	22/7	S	52-00	3-08						910	4-#7 T&B.CONT.	
67	TR	BF		60		52-00	0-06	1	13/4	L	6-08							468	#4 @6" TIES	
68	MT	(24'-0"X2'-6"X1'-6") - REF-4/S2.1																		
69	TR	BF		60	2			2	16/5	S	24-00							100	2-#5 T&B.CONT.	
70	TR	BF		60		24-00	1-00	1	13/4	L	8-08							145	#4 @12" TIES	
71	TR	BF		60		24-00	1-04	1	13/4	L	2-00	1-04						42	#4 @16" DWLS	
72	MT	(45'-0"X2'-0"X1'-6") - REF-4/S2.1																		
73	TR	BF		60	4			2	22/7	S	45-00	3-08						796	4-#7 T&B.CONT.	
74	TR	BF		60		45-00	1-00	1	13/4	L	7-08							236	#4 @12" TIES	
75	TR	BF		60		45-00	1-04	1	13/4	L	2-00	1-04						78	#4 @16" DWLS	
76	MT	(226'-0"X1'-4"X1'-6") - REF-4/S2.1																		
77	TR	LS		60	2			2	16/5	S	226-00				0	2-06	30-00	1,026	2-#5 T&B.CONT.	
78	TR	BF		60		226-00	1-00	1	13/4	L	6-04							960	#4 @12" TIES	
79	TR	BF		60		226-00	1-04	1	13/4	L	2-00	1-04						381	#4 @16" DWLS	
80	MT	(89'-0"X2'-0"X1'-0") - REF-3/S2.2																		
81	TR	LS		60	3			1	10/3	S	89-00				0	1-06	30-00	105	3-#3 CONT.	
82	TR	BF		60		89-00	2-00	1	10/3	L	4-00	0-08						81	#3 @24" D/V.	
83	TR	BF		60	2			1	10/3	S	89-00	3-00	1-06					70	2-#3 T&B.CONT.	
84	MT	(218'-0"X5'-0"X1'-4") - REF-2/S2.2																		
85	TR	BF		60		218-00	1-00	1	13/4	L	5-00	0-08						829	#4 @12" TRANS	
86	TR	LS		60		6-06	1-00	1	16/5	S	218-00				0	2-06	30-00	1,965	#5 @12" CONT.	
87	TR	BF		60		218-00	1-00	1	13/4	L	1-06	1-04	0-08					512	#4 @12" DWLS	
88	MT	SOLDIER PILES PLAN REF-SP1.0																		
89	MT	(100'-0"X3'-0"X3'-0") - REF-SP1.0																		
90	TR	LS		60	8			1	22/7	S	100-00				0	3-08	30-00	1,815	8-#7 CONT.	
91	TR	BF		60		100-00	1-00	1	16/5	H	12-10							1,352	#5 @12" TIES	
92	MT	(250'-0"X4'-6"X3'-0") - REF-SP1.0																		
93	TR	LS		60	12			1	22/7	S	250-00				0	3-06	30-00	6,905	12-#7 CONT.	
94	TR	BF		60		250-00	1-00	1	16/5	H	15-10							4,145	#5 @12" TIES	
95	GI	Segment: FOUNDATION Sub-Segment: CONCRETE RETAINING WALL																		
96	MT	8" TK WALL (63 LFT) - REF-2/S2.1																		
97	TR	BF		60		63-00	1-06	2	16/5	S	12-00							1,076	#5 @18" EF.VRET.	
98	TR	BF		60		12-00	1-04	2	13/4	S	63-00	2-00						868	#4 @16" EF.HORIZ.	
99	TR	BF		60		63-00	1-06	2	16/5	H	6-00	1-06	0-10					747	#5 @18" DWLS	
100	TR	BF		60		12-00	1-04	2*2	13/4	L	4-00							107	#4 @16" EF.COR.	
101	TR	BF		60		63-00	3-00	1	16/5	H	5-00							115	#5 @36" SLAB DWLS	
102	MT	6" TK WALL (17 LFT) - REF-2/S2.1																		
103	TR	BF		60		17-00	1-06	2	16/5	S	12-00							325	#5 @18" EF.VERT.	
104	TR	BF		60		12-00	1-04	2	13/4	S	17-00							227	#4 @16" EF.HORIZ.	
105	TR	BF		60		17-00	1-00	2	16/5	H	6-00	1-06	0-10					313	#5 @18" EF.DWLS	
106	TR	BF		60		17-00	3-00	1	16/5	H	5-00							37	#5 @36" SLAB DWLS	
107	MT	10" TK WALL (433 LFT) - REF-2/S2.1																		
108	TR	BF		60		433-00	1-06	2	16/5	S	12-00							7,260	#5 @18" EF.VERT.	
109	TR	LS		60		12-00	1-04	2	13/4	S	433-00				0	2-00	30-00	6,186	#4 @16" EF.HORIZ.	
110	TR	BF		60		433-00	1-06	2	16/5	H	6-00	1-06	0-10					5,041	#5 @18" EF.DWLS	
111	TR	BF		60		12-00	1-04	2*17	13/4	L	4-00							908	#4 @16" EF.COR.	
112	TR	BF		60		443-00	3-00	1	16/5	H	5-00							777	#5 @36" SLAB DWLS	
113	MT	6" TK WALL (37 LFT) - REF-2/S2.1																		
114	TR	BF		60		37-00	1-06	2	16/5	S	12-00							651	#5 @18" EF.VERT.	
115	TR	BF		60		12-00	1-04	2	13/4	S	27-00	2-00						387	#4 @16" EF.HORIZ.	
116	TR	BF		60		37-00	1-06	2	16/5	H	6-00	1-06	0-10					452	#5 @18" EF.DWLS	
117	TR	BF		60		37-00	3-00	1	16/5	H	5-00							73	#5 @36" SLAB DWLS	
118	MT	8" TK WALL (59 LFT) - REF-2/S2.1																		
119	TR	BF		60		59-00	1-06	2	16/5	S	25-04							2,167	#5 @18" EF.VERT.	
120	TR	BF		60		25-04	1-04	2	13/4	S	59-00	4-00						1,683	#4 @16" EF.HORIZ.	
121	TR	BF		60		59-00	1-06	2	16/5	H	6-00	1-06	0-10					713	#5 @18" EF.DWLS	
122	TR	BF		60		59-00	3-00	1	16/5	H	5-00							110	#5 @36" SLAB DWLS	

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
123	MT	8" TK WALL (201 LFT) - REF-2/S2.2																	
124	TR	BF		60		201-00	1-06	2	16/5	S	12-00							3,380	#5 @18" EF.VERT.
125	TR	LS		60		12-00	1-06	2	13/4	S	201-00				0	2-00	30-00	2,585	#4 @18" EF.HORIZ
126	TR	BF		60		201-00	1-06	2	16/5	H	6-00	1-06	0-10					2,347	#5 @18" EF.DWLS
127	TR	BF		60		12-00	1-06	2*5	13/4	L	4-00							240	#4 @16" EF.COR.
128	TR	BF		60		201-00	3-00	1	16/5	H	5-00							355	#5 @36" SLAB DWLS
129	MT	SOLDIER PILES PLAN REF-SP1.0																	
130	MT	12" TK WALL (337 LFT) - REF-SP1.0																	
131	TR	BF		60		337-00	1-00	2	22/7	S	10-00							13,817	#7 @12" EF.VERT.
132	TR	LS		60		10-00	1-06	2	16/5	S	337-00				0	2-06	30-00	6,125	#5 @18" EF.HORIZ.
133	TR	BF		60		337-00	1-00	2	22/7	H	3-08	3-00	1-00					10,594	#7 @12" EF.DWLS
134	GI	Segment: FOUNDATION Sub-Segment: CONCRETE PILE																	
135	MT	(30" DIA X 10'-0") - (10 EACH) - REF-SP1.0																	
136	TR	BF		60	12			10	36/11	S	10-00	4-00						8,925	12-#11 VERT.
137	TR	SPX		60	1			10	13/4	L	2-06		10-00	0-06	2			1,157	#4 @6" TIES
138	TR	BF		60	12			10	36/11	H	5-06	3-00	2-00					6,694	12-#11 DWLS
139	MT	(48" DIA X 10'-0") - (11 EACH) - REF-SP1.0																	
140	TR	BF		60	28			11	43/14	S	10-00	4-00						32,985	28-#14 VERT.
141	TR	SPX		60	1			11	13/4	L	4-00		10-00	0-032	2			3,323	#4 @3.5" TIES
142	TR	BF		60	28			11	43/14	H	5-06	3-00	2-00					24,737	28-#14 DWLS
143	MT	(54" DIA X 10'-0") - (8 EACH) - REF-SP1.0																	
144	TR	BF		60	24			8	43/14	S	10-00	4-00						20,562	24-#14 VERT
145	TR	SPX		60	1			8	13/4	L	4-06		10-00	0-05	2			1,965	#4 @5" TIES
146	TR	BF		60	24			8	43/14	H	5-06	3-00	2-00					15,420	24-#14 DWLS
147	GI	Segment: POOL PLAN Sub-Segment: GRADE BEAM																	
148	MT	(91'-0" X 1'-0" X 1'-0") - REF-2/SW1.1																	
149	TR	BF		60	2			2	16/5	S	91-00	8-00						413	2-#5 T&B.CONT.
150	TR	BF		60		91-00	1-00	1	10/3	L	4-08							161	#3 @12" TIES
151	MT	(27'-0" X 2'-4" X 3'-6") - REF-3/SW1.1																	
152	TR	BF		60	6			2	22/7	S	27-00							662	6-#7 T&B.CONT
153	TR	BF		60		27-00	0-08	1	13/4	L	12-04							346	#4 @8" TIES
154	MT	PB1 - (38'-0" X 2'-6" X 2'-6") - REF-SW1.1																	
155	TR	BF		60	4			2	22/7	S	38-00	3-08						681	4-#7 T&B.CONT
156	TR	BF		60	1			1	16/5	S	38-00	2-06						42	1#5 MID CONT.
157	TR	BF		60		38-00	0-08	1	13/4	L	10-08							413	#4 @8" TIES
158	MT	(135'0" X 1'-0" X 0'-8") - REF-4/S2.2																	
159	TR	LS		60	4			1	13/4	S	135-00				0	2-00	30-00	382	4-#4 CONT.
160	TR	BF		60		135-00	1-00	1	10/3	L	4-00							205	#3 @12" TIES
161	GI	Segment: POOL PLAN Sub-Segment: CONCRETE PILE																	
162	MT	(30" DIA X 16'-0") - REF-SW1.1																	
163	TR	BF		60	8			1	22/7	S	16-00							262	8-#7 VERT.
164	TR	TC		60		16-00	0-08	1	13/4	L	2-06				0	48D		176	#4 @8" TIES
165	TR	BF		60	8			1	22/7	H	8-00							131	8-#7 DWLS
166	MT	(30" DIA X 23'-0") - REF-SW1.1																	
167	TR	BF		60	8			2	22/7	S	23-00							752	8-#7 VERT.
168	TR	TC		60		23-00	0-08	2	13/4	L	2-06				0	48D		506	#4 @8" TIES
169	TR	BF		60	8			2	22/7	H	8-00							262	8-#7 DWLS
170	GI	Segment: POOL PLAN Sub-Segment: CONCRETE WALL																	
171	MT	6" TK WALL (92 LFT) - REF-2/SW1.1																	
172	TR	BF		60		92-00	1-04	1	13/4	H	5-10	0-08						304	#4 @16" VERT.
173	TR	BF		60		5-10	1-04	1	13/4	H	92-00	7-00						397	#4 @16" HORIZ.
174	MT	12" TK WALL (121 LFT) - REF-3/SW1.1																	
175	TR	BF		60		121-00	1-04	2	13/4	H	5-10	0-08						799	#4 @16" EF.VERT
176	TR	LS		60		5-10	1-04	2	13/4	S	121-00				0	2-00	30-00	1,034	#4 @16" EF.HORIZ.
177	MT	REF-14/SW1.1																	
178	TR	BF		60		3-09	1-00	2	13/4	S	38-00	2-00						267	#4 @12" LW.T&B.
179	TR	BF		60		38-00	1-00	1	13/4	S	3-09							98	#4 @12" TRANS
180	TR	BF		60		38-00	1-00	1	13/4	L	3-09	0-08	0-08					132	#4 @12" TRANS
181	TR	BF		60	5			1	19/6	S	38-00	3-00						308	5-#6 CONT.
182	TR	BF		60		38-00	1-00	1	13/4	L	10-08							278	#4 @12" TIES
183	TR	BF		60	6			1	13/4	S	38-00	2-00						160	6-#4 HORIZ.

## INT-124 - TOWER ROAD RESIDENCE

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes	
184	TR	BF		60		38-00	1-00	1	13/4	L	4-00	0-10	1-00					152	#4 @12" DWLS	
185	TR	BF		60	4			1	13/4	S	38-00	2-00						107	4-#4 CONT.	
186	MT	REF-4/S2.2																		
187	TR	RA		60		1-00	1-00	1	13/4	S	21-031	21-031					48D	30-00	654	#4 @8" EW.
188	MT	12" TK WALL (45 LFT) - REF-4/S2.2																		
189	TR	BF		60		45-00	1-04	2	13/4	S	7-03							339	#4 @16" EF.VERT.	
190	TR	BF		60		7-03	1-04	2	13/4	S	45-00	2-00						440	#4 @16" EF.HORIZ	
191	TR	BF		60		45-00	1-04	2	13/4	S	9-08							452	#4 @16" EF.VERT.	
192	TR	BF		60		9-08	1-04	2	13/4	S	45-00	2-00						565	#4 @16" EF.HORIZ.	
193	GI	Segment: POOL PLAN Sub-Segment: MAT SLAB																		
194	MT	12" THK POOL SLAB-(REF- SW1.0)-(726 SQ FT)																		
195	TR	RA		60		1-00	1-00	2	16/5	S	26-111	26-111					48D	30-00	3,146	#5 @12" EW.T&B.
196	TR	BF		60	9			1	22/7	S	10-00							184	9-#7 ADD'L	
197	TR	BF		60	5			1	22/7	S	10-00							102	5-#7 ADD'L	
198	TR	BF		60	5			1	22/7	S	12-00							123	5-#7 ADD'L	
199	GI	Segment: FOUNDATION Sub-Segment: SLAB ON GRADE																		
200	MT	BASEMENT-(REF-S1.1)																		
201	MT	5"THK SOG-(RET-S1.1)-(1903 SQ FT)																		
202	TR	RA		60		1-06	1-06	1	13/4	S	43-072	43-072					48D	30-00	1,890	#4 @18" EW.
203	MT	GROUND FLOOR-(REF-S1.2)																		
204	MT	6" THK SOG UPPER LEVEL-(REF-S1.2)-(326 SQ FT)																		
205	TR	RA		60		1-04	1-04	1	16/5	S	18-01	18-01					48D	30-00	566	#5 @16" EW.
206	MT	6" THK SOG REF-(S1.2)-(4518 SQ FT)																		
207	TR	RA		60		1-02	1-02	1	16/5	S	67-022	67-022					48D	30-00	8,886	#5 @14" EW.
208	MT	STAIR CASE-(REF-S1.0)																		
209	TR	RA		60		1-00	1-00	1	16/5	S	23-03	23-03					48D	30-00	1,212	#5 @12" EW.
210	TR	BF		60	260			1	16/5	H	2-09							746	#5 @12" SW DWLS.	
211	TR	BF		60	70			1	13/4	L	4-00	2-09	2-09					444	#4 NOSING BAR.	
212	TR	BF		60	35			1	13/4	L	6-09	2-09	2-09					286	#4 NOSING BAR.	
213	TR	BF		60	3			1	13/4	L	20-00	2-09	2-09					51	#4 @12" NOSING BAR.	
214	MT	BASEMENT-(REF-S1.1)																		
215	MT	10" THK CONCRETE DECK SLAB-(REF-S1.1)-(951 SQ FT)																		
216	TR	RA		60		1-00	1-00	2	16/5	S	30-10	30-10					48D	30-00	4,116	#5 @12" EW.T&B.
217	TR	BF		60	25			1	16/5	S	10-00							261	#5 @12"ADD'L TOP.	
218	TR	BF		60	4			2	22/7	H	13-08							223	4-#7 ADD'L T&B.	
219	MT	GROUND FLOOR-(REF-S2.1)																		
220	MT	10" CONCRETE DECK SLAB-(REF-14/S2.1)-(584 SQ FT)																		
221	TR	RA		60		1-04	1-04	1	16/5	S	24-02	24-02					48D	30-00	1,008	#5 @16" EW T.
222	TR	BF		60	25			1	19/6	S	30-00							1,127	#6 @12" NS BOT.	
223	TR	BF		60	25			1	16/5	S	30-00							782	#5@12" EW BOT.	
224	TR	BF		60	3			4	16/5	S	5-09							72	3-#5 ADD'L BOTT.	
225	TR	BF		60	3			4	16/5	S	4-00							50	3-#5 ADD'L TOP.	
226	TR	BF		60	4			2	16/5	H	20-08							172	4-#5 ADD'L T&B.	
227	TR	BF		60	4			2	16/5	H	7-04	0-08						67	4-#5 T&B.	
228	MT	10" CONCRETE DECK SLAB-(REF-25/S2.2)-(110 SQ FT)																		
229	TR	RA		60		1-00	1-00	2	16/5	S	10-053	10-053					48D	30-00	524	#5 @12" EW. T&B.

## INT-124 - TOWER ROAD RESIDENCE

## Rebar Sub-Segment Summary

## Segment: FOUNDATION

## Sub-Segment: SPREAD FOOTING

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

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

16/5	169	169	0	0	0
	<u>169</u>	<u>169</u>	<u>0</u>	<u>0</u>	<u>0</u>

## Sub-Segment: GRADE BEAM

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

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

10/3	257	176	0	81	172
13/4	12,810	3,624	738	8,448	2,527
16/5	19,969	11,174	8,795	0	8,415
19/6	710	0	710	0	0
22/7	11,317	10,426	891	0	8,095
25/8	1,197	1,197	0	0	1,197
	<u>46,260</u>	<u>26,597</u>	<u>11,134</u>	<u>8,529</u>	<u>20,406</u>

## Sub-Segment: CONCRETE RETAINING WALL

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

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

13/4	13,192	11,937	0	1,255	11,089
16/5	32,064	20,984	11,080	0	6,008
22/7	24,411	13,817	10,594	0	0
	<u>69,667</u>	<u>46,738</u>	<u>21,674</u>	<u>1,255</u>	<u>17,097</u>

## Sub-Segment: CONCRETE PILE

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

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

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

36/11	15,619	8,925	6,694	0	0
43/14	93,704	53,547	40,157	0	0
	<u>109,323</u>	<u>62,472</u>	<u>46,851</u>	<u>0</u>	<u>0</u>

## INT-124 - TOWER ROAD RESIDENCE

## Rebar Sub-Segment Summary

Segment: FOUNDATION

Sub-Segment: SLAB ON GRADE

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	2,671	1,890	0	781	1,242
16/5	18,462	17,477	985	0	8,166
19/6	1,127	1,127	0	0	1,127
22/7	224	0	224	0	0
	<u>22,484</u>	<u>20,494</u>	<u>1,209</u>	<u>781</u>	<u>10,535</u>

Total for Segment: FOUNDATION

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	257	176	0	81	172
13/4	28,673	17,451	738	10,484	14,858
16/5	70,664	49,804	20,860	0	22,589
19/6	1,837	1,127	710	0	1,127
22/7	35,952	24,243	11,709	0	8,095
25/8	1,197	1,197	0	0	1,197
36/11	15,619	8,925	6,694	0	0
43/14	93,704	53,547	40,157	0	0
	<u>247,903</u>	<u>156,470</u>	<u>80,868</u>	<u>10,565</u>	<u>48,038</u>



## INT-124 - TOWER ROAD RESIDENCE

## Rebar Sub-Segment Summary

Segment: POOL PLAN

Sub-Segment: GRADE BEAM

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	366	0	0	366	0
13/4	1,141	382	0	759	321
16/5	455	455	0	0	413
22/7	1,343	1,343	0	0	0
	<u>3,305</u>	<u>2,180</u>	<u>0</u>	<u>1,125</u>	<u>734</u>

Sub-Segment: CONCRETE PILE

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	682	0	0	682	0
22/7	1,407	1,014	393	0	0
	<u>2,089</u>	<u>1,014</u>	<u>393</u>	<u>682</u>	<u>0</u>

Sub-Segment: CONCRETE WALL

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	6,178	4,116	1,500	562	1,359
19/6	308	308	0	0	0
	<u>6,486</u>	<u>4,424</u>	<u>1,500</u>	<u>562</u>	<u>1,359</u>

Sub-Segment: MAT SLAB

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
16/5	3,146	3,146	0	0	0
22/7	409	409	0	0	0
	<u>3,555</u>	<u>3,555</u>	<u>0</u>	<u>0</u>	<u>0</u>

## INT-124 - TOWER ROAD RESIDENCE

## Rebar Sub-Segment Summary

Segment: POOL PLAN

Total for Segment: POOL PLAN

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	366	0	0	366	0
13/4	8,001	4,498	1,500	2,003	1,680
16/5	3,601	3,601	0	0	413
19/6	308	308	0	0	0
22/7	3,159	2,766	393	0	0
	<u>15,435</u>	<u>11,173</u>	<u>1,893</u>	<u>2,369</u>	<u>2,093</u>

## INT-124 - TOWER ROAD RESIDENCE

## Estimate Totals

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	623	176	0	447	172
13/4	36,674	21,949	2,238	12,487	16,538
16/5	74,265	53,405	20,860	0	23,002
19/6	2,145	1,435	710	0	1,127
22/7	39,111	27,009	12,102	0	8,095
25/8	1,197	1,197	0	0	1,197
36/11	15,619	8,925	6,694	0	0
43/14	93,704	53,547	40,157	0	0
	<u>263,338</u>	<u>167,643</u>	<u>82,761</u>	<u>12,934</u>	<u>50,131</u>

Estimate Totals

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

Size	Type	Round	Spacer	Total	Square	Spacer	Total	Grand Total
** Grade 60, Black **								
13/4	Spiral	6,445	0	6,445	0	0	0	6,445
		<u>6,445</u>	<u>0</u>	<u>6,445</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6,445</u>

