

## Rebar Estimation

To: M/S  
 Attn.:  
 Subject: Rebar Estimation

[...]

### 1- Estimated Weight Summary (by Bend types):

Bar Size (in)	Bar Size (mm)	Bend Type	Total Tonnage (Kg)	Total Tonnage (Lb)
#3	10	LB	5,901.55	13,010.56
#3	10	ST	388.96	857.51
#3*	12	LB	100,977.97	222,616.04
#3*	12	SL	200,894.90	442,892.91
#3*	12	ST	25,344.96	55,875.51
#4	14	ST	29,309.43	64,615.56
#5	16	BH	1,027.93	2,266.17
#5	16	HB	375,873.49	828,650.70
#5	16	SL	605,874.62	1,335,711.18
#5	16	ST	171,174.88	377,372.14
#6*	20	HB	121,205.59	267,209.84
#6*	20	SL	1,085,367.01	2,392,800.11
#6*	20	ST	172,144.36	379,509.47
#8	25	HB	571,964.14	1,260,952.13
#8	25	SL	120,801.05	266,318.00
#8	25	ST	120,040.25	264,640.74
#9*	28	HB	300.49	662.45
#9*	28	ST	644.84	1,421.62
#10	32	HB	392,758.30	865,874.94
#10	32	SL	2,227,709.73	4,911,208.87
#10	32	ST	135,381.97	298,463.08
#14*	40	HB	392,152.92	864,540.33
#14*	40	ST	6,035.62	13,306.13
<b>Total Result:</b>			<b>6,863,274.96</b>	<b>15,130,775.98</b>

## 2- Estimated Weight Summary (by element type):

All Level Columns		
Bar Size	Bend Type	Weight
10	LB	102.59
12	LB	26,221.14
20	HB	269.00
25	HB	45,215.62
32	HB	39,656.39
<b>Total:</b>		<b>111,464.75</b>

All Slabs & Ramps		
BAR SIZE	BEND TYPE	Weight
12	SL	60,878.26
16	BH	1,027.93
16	HB	13,061.33
16	SL	180,769.60
20	SL	336,890.56
20	ST	2,497.10
25	HB	97,184.45
25	SL	41,384.20
25	ST	14,841.08
32	HB	1,372.78
<b>Total:</b>		<b>749,907.29</b>

All walls		
BAR SIZE	BEND TYPE	Weight
12	LB	10,534.44
12	ST	18,398.58
16	HB	110,603.50
16	ST	105,548.54
20	HB	104,805.37
20	ST	130,858.99
25	HB	64,197.52
25	ST	13,155.19
32	HB	47,779.00
32	ST	6,764.44
40	HB	387,460.04
<b>Total:</b>		<b>1,000,105.60</b>

Beams-Main Entry		
BAR SIZE	BEND TYPE	Weight
10	LB	4,073.18
12	LB	31,073.66
14	ST	12,605.06
16	HB	13,701.03
16	ST	610.96
20	HB	7,297.16
20	ST	6,186.39
25	HB	17,093.57
25	ST	39,077.34
28	HB	300.49
28	ST	229.49
32	HB	22,823.31
32	ST	20,436.49
<b>Total:</b>		<b>175,508.13</b>

Beams-Other areas		
BAR SIZE	BEND TYPE	Weight
10	LB	1,296.57
12	LB	1,860.36
14	ST	2,114.52
16	HB	721.66
16	ST	236.92
20	HB	3,238.90
20	ST	818.29
25	HB	5,686.44
25	ST	4,560.90
32	HB	531.67
32	ST	132.64
<b>Total:</b>		<b>21,198.86</b>

Beams-Parking-1		
BAR SIZE	BEND TYPE	Weight
10	LB	77.01
12	LB	8,800.29
14	ST	3,939.04
16	ST	18,283.67
25	HB	11,158.70
25	ST	13,889.03
32	HB	15,818.60
32	ST	71,253.94
<b>Total:</b>		<b>143,220.28</b>

<b>Beams-Parking-2</b>		
<b>BAR SIZE</b>	<b>BEND TYPE</b>	<b>Weight</b>
10	LB	352.19
12	LB	21,854.06
14	ST	10,650.81
25	HB	34,939.26
25	ST	26,457.64
28	ST	415.36
32	HB	46,572.74
32	ST	35,912.44
40	HB	755.55
40	ST	1,372.99
<b>Total:</b>		<b>179,283.04</b>

<b>FOUNDATIONS</b>		
<b>BAR SIZE</b>	<b>BEND TYPE</b>	<b>Weight</b>
16	HB	2,801.94
20	ST	6,465.51
25	HB	221,042.57
32	SL	2,174,927.23
32	HB	210,995.03
<b>Total:</b>		<b>2,616,232.28</b>

<b>Shear Walls</b>		
<b>BAR SIZE</b>	<b>BEND TYPE</b>	<b>Weight</b>
12	SL	89,599.91
16	HB	226,956.24
16	SL	120,446.75
16	ST	43,198.78
20	SL	143,422.50
25	SL	69,945.12
32	SL	32,966.68
<b>Total:</b>		<b>726,535.99</b>

Mech level to Level 5		
BAR SIZE	BEND TYPE	Weight
12	SL	45,381.77
12	ST	6,946.38
16	HB	8,027.79
16	SL	288,105.29
16	ST	3,296.00
20	HB	2,984.08
20	SL	598,650.61
20	ST	25,318.08
25	HB	75,446.01
25	SL	5,488.75
25	ST	8,059.07
32	HB	7,208.77
32	SL	19,815.82
32	ST	882.03
40	HB	3,937.33
40	ST	4,662.63
<b>Total:</b>		<b>1,104,210.42</b>

Stair		
BAR SIZE	BEND TYPE	Weight
10	ST	388.96
12	LB	634.03
12	SL	5,034.96
16	SL	16,552.97
20	HB	2,611.07
20	SL	6,403.35
25	SL	3,982.99
<b>Total:</b>		<b>35,608.33</b>

<b>Total Results:</b>	<b>6,863,274.96</b>
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