

PROJECT NAME:	Sample-3	JOB ID:	***
ADDRESS:	Sample-3	ARCHITECT	xxx
Customer	Not Known		
Bid Date	Not Known		
Architect/Engg	Not Known		
Drawing Set	S-0.0 to S-8.0, Date: 03-10-2014		
Addendum	Nil		
Specification	Nil		
Revision No	Nil		
Rebar Grade	A615/60		
Coating	Black and Galvanized		
Welded Rebar	Nil		
ASSUMPTION	Stock Length Used 30'0" For Estimation		
	Mesh Lap Assume 20%		
	Pile Height assumed as 32'0"		
NOTES	6" Slab reinforcement details followed for Ground floor & first floor		
	As per 2nd Floor notes top reinforcement in balconies and exposed other area shall be Galvanized (Ref: S-2.0)		
	Masonry Wall estimated where shown in structural drawing		
INCLUDE	Pile, Pile Cap, Grade Beam, Concrete Wall, Slab, Beam, Column, Masonry Wall and Stair		
EXCLUDE	Reinforcing For Precast Structure		
	A706, Welded Reinforcement		
	Site Work		
	Smooth Dowel in Cj, Expansion Joint		
TOTAL WEIGHT (LBS)	44662		
TOTAL WEIGHT (TONNES)	22		

PROJECT NAME :		Sample-3		JOB ID: ***	
ADDRESS :		Sample-3		ARCHITECT xxx	
S.NO	STRUCTURE	LEVEL	ELEMENT	WEIGHT (LBS)	REMARKS
1	Foundation		Pile	6309	
			Pile Cap	242	
			Grade Beam	1960	
2	Super Structure	Ground Floor	Concrete Wall	10134	
			Slab	3567	
			Column	2246	
			Stair	206	
		1st Floor	Slab	2094	
			Column	1189	
			Beam	1163	
			CMU Wall	1193	
		2nd Floor	Slab	5087	
			Column	1001	
			Beam	1047	
			CMU Wall	828	
		Roof	Slab	5019	
			Beam	1377	
				44662	

PROJECT NAME:	Sample-3										JOB ID:	***					
ADDRESS:	Sample-3								ARCHITECT	xxx							
STRUCTURE	LEVEL	NOTES	MULTI	QTY	L1	L2	L3	L4	LAP	BAR SIZE	CLAS S	GRAD E	COAT	TOTAL LENGTH	TOTAL WEIGHT		
FOUNDATION	PILE	P-14	27	5	32						5	S	60	BLACK	4320	4506	
		TIES	27	37	4						3	L	60	BLACK	3996	1502	
		ADDED									5	S	60	BLACK		300	
	PILE CAP	2PC-LONG	6	7	0.83	0.83					7	H	60	BLACK	69.72	143	
		SHORT	6	14	0.5	0.5					5	H	60	BLACK	84	88	
		ADDED									5	S	60	BLACK		12	
	GRADE BEAM	GB1	1	4	191	22				3.583	6	H	60	BLACK	952.324	1430	
		TIES	1	290	4						3	L	60	BLACK	1160	436	
		ADDED									6	H	60	BLACK		93	
	CONCRETE WALL	GROUND FLOOR	8" WALL VER	2	13	9	2.33					4	S	60	BLACK	294.58	197
HOR			2	8	12	0.66	0.66		2.5	4	H	60	BLACK	213.12	142		
DOWEL			2	13	2.5	2.33					4	H	60	BLACK	125.58	84	
8" WALL VER			2	180	9.5	0.66					4	H	60	BLACK	3657.6	2443	
HOR			2	10	179	18			2.5	4	H	60	BLACK	4240	2832		
DOWEL			2	180	2.5	2.33					4	H	60	BLACK	1738.8	1162	
8" WALL VER			2	44	9.5	0.66					4	H	60	BLACK	894.08	597	
HOR			2	10	42.5	4			2.5	4	H	60	BLACK	980	655		
DOWEL			2	44	2.5	2.33					4	H	60	BLACK	425.04	284	
4" WALL VER			4	7	3	1					3	H	60	BLACK	112	42	
HOR			4	4	6				2.5	3	S	60	BLACK	96	36		
SEC 2/S6.0			1	2	80					5	8	S	60	BLACK	180	481	
			1	2	80					3.5	6	S	60	BLACK	174	261	
SEC 3/S6.0			2	2	53					3.5	6	S	60	BLACK	226	339	
SEC 1/S6.0			2	2	23					3	5	S	60	BLACK	92	96	
ADDED											4	S	60	BLACK		483	
SLAB			GROUND FLOOR	MB-T	1	12	30.5	0.66	0.66		2.5	4	H	60	BLACK	411.84	275
				MB-T	1	17	25.25	0.66	0.66		2.5	4	H	60	BLACK	451.69	302
	MB-B	1		17	25.25	0.66	0.66		2.5	4	H	60	BLACK	451.69	302		
	B	1		24	11						5	S	60	BLACK	264	275	
	T	1		21	7	0.66					4	H	60	BLACK	160.86	107	
	T	1		9	6						4	S	60	BLACK	54	36	
	B	1		29	14.5						4	S	60	BLACK	420.5	281	
	T	1		6	3.5	0.66					4	H	60	BLACK	24.96	17	
	B	1		27	13						5	S	60	BLACK	351	366	
	T	1		12	7	0.66					4	H	60	BLACK	91.92	61	
	T	1		9	12	0.66					4	H	60	BLACK	113.94	76	
	T	1		11	7	0.66					4	H	60	BLACK	84.26	56	
	CORNER	2		4	6						4	S	60	BLACK	48	32	
	STAIR MB B	1		7	9						4	S	60	BLACK	63	42	
	MB T	1		7	9	0.66	0.66				4	H	60	BLACK	72.24	48	
	MB B	1		16	6						4	S	60	BLACK	96	64	
	MB T	1		16	6	0.66	0.66				4	H	60	BLACK	117.12	78	
	ADDL T	1		7	4	0.66					4	H	60	BLACK	32.62	22	
	MAIN REIN	1		24	28						4	S	60	BLACK	672	449	
		1		23	30.5					2.5	4	S	60	BLACK	759	507	
	ADDED										4	S	60	BLACK		170	
	1ST FLOOR	MAIN REIN - B		MAIN REIN - B	1	11	30					4	S	60	BLACK	330	220
				MAIN REIN - B	1	24	13					4	S	60	BLACK	312	208
				MAIN REIN - B	1	14	25.25					4	S	60	BLACK	353.5	236
				MAIN REIN - B	1	20	16					4	S	60	BLACK	320	214
				MAIN REIN - B	1	10	6					4	S	60	BLACK	60	40
				MAIN REIN - B	1	6	11					4	S	60	BLACK	66	44
				MAIN REIN - B	1	10	5					4	S	60	BLACK	50	33
				MAIN REIN - B	1	5	11.25					4	S	60	BLACK	56.25	38
				ADDL	1	11	5	0.66					4	H	60	BLACK	62.26
			1	11	3.5	0.66					4	H	60	BLACK	45.76	31	
			1	6	6	0.66					4	H	60	BLACK	39.96	27	
			1	7	3.5	0.66					4	H	60	BLACK	29.12	19	
			2	12	6						4	S	60	BLACK	144	96	
			1	11	6						4	S	60	BLACK	66	44	
			1	9	6	0.66					4	H	60	BLACK	59.94	40	
			1	9	3	0.66					4	H	60	BLACK	32.94	22	
			1	11	6	0.66					4	H	60	BLACK	73.26	49	
			1	6	3	0.66					4	H	60	BLACK	21.96	15	
			1	9	11	0.66	0.66				4	H	60	BLACK	110.88	74	
			1	10	3	0.66					4	H	60	BLACK	36.6	24	
			1	6	7.75	0.66	0.66				4	H	60	BLACK	54.42	36	
			1	11	4.5	0.66					4	H	60	BLACK	56.76	38	
			1	6	11	0.66	0.66				4	H	60	GAL	73.92	49	
			1	10	10	0.66					4	H	60	GAL	106.6	71	
			1	4	11.25	0.66	0.66				4	H	60	GAL	50.28	34	
			1	10	10	0.66					4	H	60	GAL	106.6	71	
			COL. ADDL	5	2	9	5				5	S	60	BLACK	140	146	
	CORNER	2	4	6					4	S	60	BLACK	48	32			

PROJECT NAME:	Sample-3										JOB ID:			***			
ADDRESS:	Sample-3										ARCHITECT			xxx			
		ADDED									4	S	60	BLACK			100
	2ND FLOOR PT SLAB	ADDL	4	30	0.66	0.66				2.5	4	S	60	BLACK	158.4		106
			1	23	10	0.83					5	H	60	BLACK	249.09		260
			1	7	11.5	0.83	0.83				5	H	60	BLACK	92.12		96
			1	29	6						4	S	60	BLACK	174		116
			1	7	11.5	0.83	0.83				5	H	60	BLACK	92.12		96
			1	13	4						6	S	60	BLACK	52		78
			2	13	4						6	S	60	BLACK	104		156
			1	23	10	0.83					5	H	60	BLACK	249.09		260
			1	7	11.5	0.83	0.83				5	H	60	BLACK	92.12		96
			4	10	14						5	S	60	BLACK	560		584
			1	8	14.5	0.83					5	H	60	BLACK	122.64		128
		BAL	1	21	7	0.83					5	H	60	BLACK	164.43		172
			1	12	13	1	1				5	H	60	BLACK	180		188
			1	12	11.5	0.83					5	H	60	BLACK	147.96		154
			1	7	11	0.66	0.66				4	H	60	BLACK	86.24		58
		MAIN	1	16	30.5						4	S	60	BLACK	488		326
			1	16	30						4	S	60	BLACK	480		321
			1	5	11						4	S	60	BLACK	55		37
			1	7	7						4	S	60	BLACK	49		33
		COL. ADDL	7	2	9	5					5	S	60	BLACK	196		204
		CORNER	2	4	6						4	S	60	BLACK	48		32
		DROP SLAB	1	2	58	30			3		5	S	60	BLACK	188		196
		PT ADDL	2	2	120				2.5		4	S	60	BLACK	520		347
		U BAR	1	240	5						4	H	60	BLACK	1200		802
		ADDED									5	S	60	BLACK			242
	ROOF	ADDL	1	26	10.5	0.83					5	H	60	GAL	294.58		307
			1	8	17	0.83	0.83				5	H	60	GAL	149.28		156
			1	21	10	0.83					5	H	60	GAL	227.43		237
			1	9	12.5	0.83	0.83				5	H	60	GAL	127.44		133
			2	31	6						4	S	60	GAL	372		248
			1	21	12	0.83					5	H	60	GAL	269.43		281
			1	9	15	0.83	0.83				5	H	60	GAL	149.94		156
			1	22	6						4	S	60	GAL	132		88
			1	26	7	0.83					5	H	60	GAL	203.58		212
			1	8	12.5	0.83	0.83				5	H	60	GAL	113.28		118
			1	12	30	0.66	0.66				4	H	60	GAL	375.84		251
		MAIN	1	17	35.5						4	S	60	BLACK	603.5		403
			1	19	32.25						4	S	60	BLACK	612.75		409
		COL. ADDL	7	2	9	5					5	S	60	GAL	196		204
		CORNER	2	4	6						4	S	60	GAL	48		32
		DROP SLAB	1	2	90				3		5	S	60	GAL	198		207
		PT ADDL	2	2	140				2.5		4	S	60	GAL	600		401
		U BAR	1	280	5						4	H	60	GAL	1400		935
		ADDED									5	S	60	GAL			239
COLUMN	GROUND FLOOR	VER - NO.1	1	7	10	3					5	S	60	BLACK	91		95
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		DOWEL	1	7	3	3					5	H	60	BLACK	42		44
		VER - NO.2	1	9	10	3					5	S	60	BLACK	117		122
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		DOWEL	1	9	3	3					5	H	60	BLACK	54		56
		VER - NO.3	1	6	10	3.58					6	S	60	BLACK	81.48		122
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		DOWEL	1	6	3	3.58					6	H	60	BLACK	39.48		59
		VER - NO.4	1	6	10	3.58					6	S	60	BLACK	81.48		122
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		DOWEL	1	6	3	3.58					6	H	60	BLACK	39.48		59
		VER - NO.5	1	9	10	3.58					6	S	60	BLACK	122.22		184
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		DOWEL	1	9	3	3.58					6	H	60	BLACK	59.22		89
		VER - TC.1	5	4	10	3.58					6	S	60	BLACK	271.6		408
		TIES	5	17	4						3	L	60	BLACK	340		128
		DOWEL	5	4	3	3					6	H	60	BLACK	120		180
		VER - TC.4	1	8	10	3.58					5	S	60	BLACK	108.64		113
		TIES	1	17	4	4					3	L	60	BLACK	136		51
		DOWEL	1	8	3	3					5	H	60	BLACK	48		50
		ADDED									5	S	60	BLACK			107
COLUMN	1ST FLOOR	VER - NO.1	1	7	10	3					5	S	60	BLACK	91		95
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		VER - NO.2	1	9	10	3					5	S	60	BLACK	117		122
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		VER - NO.5	1	9	10	3.58					6	S	60	BLACK	122.22		184
		TIES	1	17	6	2					3	L	60	BLACK	136		51
		VER - TC.1	3	4	10	3.58					6	S	60	BLACK	162.96		245
		TIES	3	17	4						3	L	60	BLACK	204		77
		VER - TC.2	1	6	10	5.25					7	S	60	BLACK	91.5		187
		TIES	1	17	7	4					3	L	60	BLACK	187		70

PROJECT NAME:	Sample-3										JOB ID:		***			
ADDRESS:	Sample-3										ARCHITECT		xxx			
		ADDED									5	S	60	BLACK		57
COLUMN	2ND FLOOR	VER - NO.1	1	7	9.58	2					5	H	60	BLACK	81.06	85
		TIES	1	17	6	2					3	L	60	BLACK	136	51
		VER - NO.2	1	9	9.58	2					5	H	60	BLACK	104.22	109
		TIES	1	17	6	2					3	L	60	BLACK	136	51
		VER - TC.3	1	9	9.58	2					5	H	60	BLACK	104.22	109
		TIES	1	17	6	2					3	L	60	BLACK	136	51
		VER - TC.1	3	4	9.58	2					6	H	60	BLACK	138.96	209
		TIES	3	17	4						3	L	60	BLACK	204	77
		VER - TC.2	1	6	9.58	2					7	H	60	BLACK	69.48	142
		TIES	1	17	7	4					3	L	60	BLACK	187	70
		ADDED									5	S	60	BLACK		48
CONCRETE BEAM	1ST FLOOR	1B1 -BOT	1	2	30.5						6	S	60	BLACK	73	195
		BOT	1	2	30.5						3.5	S	60	BLACK	68	102
		TOP	1	2	30.5	1	1				3.5	H	60	BLACK	72	108
		TOP END	2	2	5	1					6	H	60	BLACK	24	36
		SIDE	1	2	30.5						3	S	60	BLACK	67	70
		TIES	1	94	6						3	L	60	BLACK	564	212
		1B2 - BOT	1	2	6						3.5	S	60	BLACK	12	18
		TOP	1	2	6	1	1				3.5	H	60	BLACK	16	24
		TIES	1	7	6						3	L	60	BLACK	42	16
		1B3 - BOT	1	2	16						3.5	S	60	BLACK	32	48
		TOP	1	2	16	1	1				3.5	H	60	BLACK	36	54
		TIES	1	40	3.5						3	L	60	BLACK	140	53
		1B4 - BOT	1	2	18						3.5	S	60	BLACK	36	54
		TOP	1	2	18	1	1				3.5	H	60	BLACK	40	60
		TIES	1	44	3.5						3	L	60	BLACK	154	58
		ADDED									5	S	60	BLACK		55
	2ND FLOOR	2B1 -BOT	1	2	15						7	S	60	BLACK	30	61
		TOP	1	2	15	1	1				6	H	60	BLACK	34	51
		TOP END	2	2	5	1					6	H	60	BLACK	24	36
		TIES	1	27	4						3	L	60	BLACK	108	41
		2B2 -BOT	1	2	8						6	S	60	BLACK	16	24
		TOP	1	2	8	1	1				6	H	60	BLACK	20	30
		TOP END	2	2	3	1					6	H	60	BLACK	16	24
		TIES	1	15	4						3	L	60	BLACK	60	23
		2B3 -BOT	1	2	9.25						6	S	60	BLACK	18.5	28
		TOP	1	2	9.25	1	1				6	H	60	BLACK	22.5	34
		TIES	1	17	4						3	L	60	BLACK	68	26
		2B3 -BOT	1	2	33.25						3.5	S	60	BLACK	73.5	110
		TOP	1	2	33.25	1	1				3.5	H	60	BLACK	77.5	116
		TIES	1	59	4						3	L	60	BLACK	236	89
		2B4 -BOT	1	2	14						8	S	60	BLACK	28	75
		TOP	1	2	14	1	1				6	H	60	BLACK	32	48
		SIDE	1	2	14						5	S	60	BLACK	28	29
		TIES	1	29	6						3	L	60	BLACK	174	65
		2B5 -BOT	1	2	9.25						6	S	60	BLACK	18.5	28
		TOP	1	2	9.25	1	1				6	H	60	BLACK	22.5	34
		TIES	1	17	4						3	L	60	BLACK	68	26
		ADDED									5	S	60	BLACK		50
	ROOF	RB1 -BOT	1	2	15.25						7	S	60	GAL	30.5	62
		TOP	1	2	15.25	0.83	0.83				5	H	60	GAL	33.82	35
		SIDE	1	2	15.25						5	S	60	GAL	30.5	32
		TIES	1	17	7						3	L	60	GAL	119	45
		RB1 -BOT	1	2	9.25						7	S	60	GAL	18.5	38
		TOP	1	2	9.25	0.83	0.83				5	H	60	GAL	21.82	23
		SIDE	1	2	9.25						5	S	60	GAL	18.5	19
		TIES	1	11	7						3	L	60	GAL	77	29
		RB1 -BOT	1	2	14						7	S	60	GAL	28	57
		TOP	1	2	14	0.83	0.83				5	H	60	GAL	31.32	33
		SIDE	1	2	14						5	S	60	GAL	28	29
		TIES	1	15	7						3	L	60	GAL	105	39
		RB1 -BOT	1	2	20						7	S	60	GAL	40	82
		TOP	1	2	20	0.83	0.83				5	H	60	GAL	43.32	45
		SIDE	1	2	20						5	S	60	GAL	40	42
		TIES	1	21	7						3	L	60	GAL	147	55
		TB1 -BOT	1	2	8						3.5	S	60	GAL	16	24
		TOP	1	2	8	0.83	0.83				3	H	60	GAL	19.32	20
		TIES	1	21	8						3	L	60	GAL	168	63
		TB1 -BOT	1	2	17						3.5	S	60	GAL	34	51
		TOP	1	2	17	0.83	0.83				3	H	60	GAL	37.32	39
		TIES	1	18	8						3	L	60	GAL	144	54
		TB1 -BOT	1	2	14						3.5	S	60	GAL	28	42
		TOP	1	2	14	0.83	0.83				3	H	60	GAL	31.32	33
		TIES	1	15	8						3	L	60	GAL	120	45
		TB1 -BOT	1	2	31						3.5	S	60	GAL	69	104
		TOP	1	2	31	0.83	0.83				3	H	60	GAL	71.32	74

