SAMPLE STRUCTURAL CONCRETE SUPERSTRUCTURE TAKEOFF

SHELL CONCRETE TAKEOFF / QUANTITY SURVEY / COST ESTIMATE

PROJ FOREMAN AND CREWS PM IN GEN CON

CONCRETE PER SPECS REBAR PER SPECS

	DESCRIPTION	SUPERSTRUCTURE	<----------COMPUTATIONS--------					QUANTITY	UNIT	conc slab	rebar slab	horiz forms	vertical forms	infill geofill	conc SW	rebar walls	forms vrt wlls	conc colmns	rebar col	vertical forms	CONC :----Beams/Stairs----->	REBAR	FORMS
	MOBILIZATION		1	1				1.00	LS						WALLS								
SUBCLR2	COLUMNS INT	8000psi	15	3.33	2	12	27	44.40	CY									45					
	FORMS		15	3.33	2	3	2	10	1599.00	SF										1599			
	REBAR		15	3.33	2	3	2	165	6105.00	LBS									6105				
	ELEV SHAFTS	8000psi	116	1	10	1	27		42.96	CY					43								
	FORM FOR SHAFTS		116	1	1	1	1	10	2320.00	SF							2320						
	REBAR		116	1	1	1	1	139	5971.85	LBS						5972							
	STAIR SHEAR WALLS	8000psi	104	1	10	1	27		38.52	CY					39								
	FORMS		104	1	1	1	1	10	2080.00	SF							2080						
	REBAR		104	1	1	1	1	139	5354.07	LBS						5355							
	SHFT SHEAR WALLS - 10"	8000psi	27	0.83	10	1	27		8.30	CY					9								
	FORMS		27	1	1	1	1	10	540.00	SF							540						
	REBAR		27	1	1	1	1	139	1390.00	LBS						1390							
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY											8		
	FORMS		2	4	2	1	1	10	160.00	SF													150
	REBAR		8	1	1	1	1	255	755.56	LBS												755	
	INTERIOR WALLS	8000psi	32.1	1	13	1	27		15.46	CY					16								
	FORMS		32.1	1	1	1	1	15	963.00	SF							963						
	REBAR		32.1	1	1	1	1	139	2478.83	LBS						2479							
	INFILL	GEO FIL	280	1			1		280.00	CF				280									
SUBCLR1	10" DECK	6000psi	13795	1			1		510.93	CY	511												
	FORMS - HORIZONTAL W SHORING		13795	1					13795.00	SF			13795										
	REBAR SC-1 FLOOR DECK		13795	2.09					28831.55	LBS		28832											
	COLUMNS INT	8000psi	15	3.33	2	12	27		44.40	CY								45					
	FORMS		15	3.33	2	3	2	10	1599.00	SF										1599			
	REBAR		15	3.33	2	3	2	165	6105.00	LBS									6105				
	ELEV SHAFTS	8000psi	116	1	10	1	27		42.96	CY					43								
	FORM FOR SHAFTS		116	1	1	1	1	10	2320.00	SF							2320						
	REBAR		116	1	1	1	1	139	5971.85	LBS						5972							
	STAIR SHEAR WALLS	8000psi	104	1	10	1	27		38.52	CY					39								
	FORMS		104	1	1	1	1	10	2080.00	SF							2080						
	REBAR		104	1	1	1	1	139	5354.07	LBS						5355							
	SHFT SHEAR WALLS - 10"	8000psi	27	0.83	10	1	27		8.30	CY					9								
	FORMS		27	1	1	1	1	10	540.00	SF							540						
	REBAR		27	1	1	1	1	139	1390.00	LBS						1390							
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY											8		
	FORMS		2	4	2	1	1	0	0.00	SF													150
	REBAR		8	1	1	1	1	255	0.00	LBS												755	
	CONC DWN TRN BEAMS	6000psi	95	1	2	1	1	1	7.04	CY											8		
	FORMS		95	1	2	1	1	1	475.00	SF													475
	REBAR		95	1	2	1	2	275	1935.19	LBS												1936	
	INTERIOR WALLS	8000psi	32.1	1	13	1	27		15.46	CY					16								
	FORMS		32.1	1	1	1	1	15	963.00	SF							963						
	REBAR		32.1	1	1	1	1	139	2478.83	LBS						2479							
CELLAR	10" DECK	6000psi	14594	1			1		540.52	CY	541												
	FORMS - HORIZONTAL W SHORING		14594	1.04					14594.00	SF			14594										
	REBAR CELLAR FLOOR DECK		14594	2.09					30501.46	LBS		30502											
	COLUMNS INT	8000psi	15	3.33	2	12	27		44.40	CY								45					
	FORMS		15	3.33	2	3	2	10	1599.00	SF										1599			
	REBAR		15	3.33	2	3	2	165	6105.00	LBS									6105				
	ELEV SHAFTS	8000psi	116	1	10	1	27		42.96	CY					43								
	FORM FOR SHAFTS		116	1	1	1	1	10	2320.00	SF							2320						
	REBAR		116	1	1	1	1	139	5971.85	LBS						5972							
	STAIR SHEAR WALLS	8000psi	104	1	10	1	27		38.52	CY					39								
	FORMS		104	1	1	1	1	10	2080.00	SF							2080						
	REBAR		104	1	1	1	1	139	5354.07	LBS						5355							
	SHFT SHEAR WALLS - 10"	8000psi	0	0.83	0	1	27		0.00	CY					9								

	FORMS		0	1	1	1	1	0	0.00	SF								540							
	REBAR		0	1	1	1	1	139	0.00	LBS							1390								
	STAIRS/LANDINGS	8000psi	0	4	1	2	27		0.00	CY													8		
	FORMS		0	4	2	1	1	0	0.00	SF															150
	REBAR		0	1	1	1	1	255	0.00	LBS														755	
	CONC DWN TRN BEAMS	6000psi	95	1	2	1	1	1	7.04	CY													8		
	FORMS		95	1	2	1	1	1	475.00	SF															475
	REBAR		95	1	2	1	2	275	1935.19	LBS														1936	
	DETENTION TANK WALLS	8000psi	93.66	1	13	1	27		45.10	CY						46									
	FORMS		93.66	1	1	1	1	15	2809.80	SF								2810							
	REBAR		93.66	1	1	1	1	139	7232.63	LBS							7233								
	INTERIOR WALLS	8000psi	32.1	1	13	1	27		15.46	CY						16									
	FORMS		32.1	1	1	1	1	15	963.00	SF								963							
	REBAR		32.1	1	1	1	1	139	2478.83	LBS							2479								
1	12" DECK **TERRACE DECK**	6000psi	2665	1			1		98.70	CY	99														
	FORMS - HORIZONTAL W SHORING		2665	1.04					2771.60	SF			2665	149											
	REBAR 1ST FLOOR DECK		2665	2.09					5569.85	LBS		5570													
	12" DECK **BUILDING**	6000psi	11155	1			1		413.15	CY	414														
	FORMS - HORIZONTAL W SHORING		11155	1.04					11601.20	SF			11115	377											
	REBAR 1ST FLOOR DECK		11155	2.09					23313.95	LBS		23314													
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY									24						
	FORMS		8	3.33	2	3	2	15	1279.20	SF										1280					
	REBAR		8	3.33	2	3	2	165	4884.00	LBS										4884					
	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY									95						
	FORM FOR SHAFTS		38	2.5	2	1	2	15	4275.00	SF										4275					
	REBAR		38	2.5	2	1	2	165	17416.67	LBS										17418					
	ELEV SHAFTS	8000psi	116	1	15	1	27		64.44	CY						65									
	FORM FOR SHAFTS		116	1	1	1	1	15	3480.00	SF								3480							
	REBAR		116	1	1	1	1	139	8957.78	LBS							8957								
	STAIR SHEAR WALLS	8000psi	104	1	15	1	27		57.78	CY						58									
	FORMS		104	1	1	1	1	15	3120.00	SF								3120							
	REBAR		104	1	1	1	1	139	8031.11	LBS							8032								
	SHFT SHEAR WALLS - 10"	8000psi	27	0.83	15	1	27		12.45	CY															
	FORMS		27	1	1	1	1	15	810.00	SF															
	REBAR		27	1	1	1	1	139	2085.00	LBS															
	EXTERIOR WALLS - 12"	8000psi	57	1	13	1	27		27.44	CY															
	FORMS		57	1	1	1	1	15	1710.00	SF															
	REBAR		57	1	1	1	1	139	4401.67	LBS															
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY													8		
	FORMS		2	4	2	1	1	15	240.00	SF															150
	REBAR		8	1	1	1	1	255	1133.33	LBS														755	
	BEAMS BM-01 TO BM-06	8000psi	95	1	2	1	1	1	7.04	CY													8		
	FORMS		95	1	2	1	1	1	475.00	SF															475
	REBAR		95	1	2	1	2	275	1935.19	LBS														1936	
2	12" DECK	6000psi	10131	0.67					251.40	CY	252														
	FORMS - HORIZONTAL W SHORING		10131	1.04					10536.24	SF			10131	464											
	REBAR 2ND FLOOR DECK		10131	1.48					14993.88	LBS		14994													
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY									24						
	FORMS		8	3.33	2	3	2	15	1279.20	SF										1280					
	REBAR		8	3.33	2	3	2	165	4884.00	LBS										4884					
	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY									95						
	FORM FOR SHAFTS		38	2.5	2	1	2	15	4275.00	SF										4275					
	REBAR		38	2.5	2	1	2	165	17416.67	LBS										17418					
	ELEV SHAFTS	8000psi	116	1	15	1	27		64.44	CY						65									
	FORM FOR SHAFTS		116	1	1	1	1	15	3480.00	SF								3480							
	REBAR		116	1	1	1	1	52	3351.11	LBS							8957								
	STAIR SHEAR WALLS	8000psi	104	1	15	1	27		57.78	CY						58									
	FORMS		104	1	1	1	1	15	3120.00	SF								3120							
	REBAR		104	1	1	1	1	139	8031.11	LBS							8032								
	SHFT SHEAR WALLS - 10"	8000psi	27	0.83	15	1	27		12.45	CY						13									
	FORMS		27	1	1	1	1	15	810.00	SF								810							
	REBAR		27	1	1	1	1	139	2085.00	LBS							2085								
	EXTERIOR WALLS - 12"	8000psi	57	1	13	1	27		27.44	CY						28									
	FORMS		57	1	1	1	1	15	1710.00	SF								1710							

	REBAR		57	1	1	1	1	139	4401.67	LBS						4402								
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	15	240.00	SF														150
	REBAR		8	1	1	1	1	255	1133.33	LBS											755			
	BEAMS BM-01 TO BM-06	8000psi	95	1	2	1	1	1	7.04	CY												8		
	FORMS		95	1	2	1	1	1	475.00	SF														475
	REBAR		95	1	2	1	2	275	1935.19	LBS											1936			
3	12" DECK **TERRACE DECK**	6000psi	1988	1			1		73.63	CY	74													
	FORMS - HORIZONTAL W SHORING		1988	1.04					2067.52	SF			1988	110										
	REBAR 3RD FLOOR DECK		1988	2.09					4154.92	LBS		4155												
	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 3RD FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY								24						
	FORMS		8	3.33	2	3	2	9.67	824.66	SF										1280				
	REBAR		8	3.33	2	3	2	165	3148.55	LBS									4884					
	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY								95						
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF										4275				
	REBAR		38	2.5	2	1	2	165	11227.94	LBS									17418					
	ELEV SHAFTS	8000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	8000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	SHFT SHEAR WALLS - 10"	8000psi	27	0.83	9.7	1	27		8.03	CY					9									
	FORMS		27	1	1	1	1	9.67	522.18	SF							523							
	REBAR		27	1	1	1	1	139	1344.13	LBS						1345								
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS											755			
	BEAMS BM-01 TO BM-06	8000psi	131	1	2	1	1	1	9.70	CY												10		
	FORMS		131	1	2	1	1	1	655.00	SF														655
	REBAR		131	1	2	1	2	275	2668.52	LBS											2669			
4	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 4TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY								24						
	FORMS		8	3.33	2	3	2	9.67	824.66	SF										1280				
	REBAR		8	3.33	2	3	2	165	3148.55	LBS									4884					
	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY								95						
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF										4275				
	REBAR		38	2.5	2	1	2	165	11227.94	LBS									17418					
	ELEV SHAFTS	8000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	8000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	8000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS											755			
	BEAMS BM-01 TO BM-06	8000psi	95	1	2	1	1	1	7.04	CY												8		
	FORMS		95	1	2	1	1	1	475.00	SF														465
	REBAR		95	1	2	1	2	275	1935.19	LBS											1935			
5	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 5TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY								24						
	FORMS		8	3.33	2	3	2	9.67	824.66	SF										1280				
	REBAR		8	3.33	2	3	2	165	3148.55	LBS									4884					

	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY									95					
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF											4275			
	REBAR		38	2.5	2	1	2	165	11227.94	LBS										17418				
	ELEV SHAFTS	8000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	8000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	8000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS													755	
	BEAMS BM-01 TO BM-06	8000psi	95	1	2	1	1	1	7.04	CY												8		
	FORMS		95	1	2	1	1	1	475.00	SF														465
	REBAR		95	1	2	1	2	275	1935.19	LBS													1935	
6	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 6TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY									24					
	FORMS		8	3.33	2	3	2	9.67	824.66	SF											1280			
	REBAR		8	3.33	2	3	2	139	2652.42	LBS										4884				
	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY									95					
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF											4275			
	REBAR		38	2.5	2	1	2	139	9458.69	LBS										17418				
	ELEV SHAFTS	8000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	8000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	8000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS													755	
	BEAMS BM-01 TO BM-06	8000psi	95	1	2	1	1	1	7.04	CY												8		
	FORMS		95	1	2	1	1	1	475.00	SF														465
	REBAR		95	1	2	1	2	275	1935.19	LBS													1935	
7	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 7TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY									24					
	FORMS		8	3.33	2	3	2	9.67	824.66	SF											1280			
	REBAR		8	3.33	2	3	2	165	3148.55	LBS										4884				
	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY									95					
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF											4275			
	REBAR		38	2.5	2	1	2	165	11227.94	LBS										17418				
	ELEV SHAFTS	8000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	8000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	8000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS													755	
	BEAMS BM-01 TO BM-06	8000psi	95	1	2	1	1	1	7.04	CY												8		

	FORMS		95	1	2	1	1	1	475.00	SF																		465
	REBAR		95	1	2	1	2	275	1935.19	LBS																1935		
8	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242																	
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354														
	REBAR 8TH FLOOR DECK		9167	1.54					14117.18	LBS		14118																
	COLUMNS INT	8000psi	8	3.33	2	12	27		23.68	CY										24								
	FORMS		8	3.33	2	3	2	9.67	824.66	SF												1280						
	REBAR		8	3.33	2	3	2	165	3148.55	LBS											4884							
	COLUMNS EXT	8000psi	38	2.5	2	1	2	1	95.00	CY										95								
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF												4275						
	REBAR		38	2.5	2	1	2	165	11227.94	LBS											17418							
	ELEV SHAFTS	8000psi	116	1	9.7	1	27		41.55	CY						42												
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF								2244										
	REBAR		116	1	1	1	1	139	5774.78	LBS							5775											
	STAIR SHEAR WALLS	8000psi	104	1	9.7	1	27		37.25	CY						38												
	FORMS		104	1	1	1	1	9.67	2011.36	SF								2012										
	REBAR		104	1	1	1	1	139	5177.39	LBS							5178											
	EXTERIOR WALLS - 12"	8000psi	11	1	13	1	27		5.30	CY						6												
	FORMS		11	1	1	1	1	15	330.00	SF								330										
	REBAR		11	1	1	1	1	139	849.44	LBS							850											
	STAIRS/LANDINGS	8000psi	27	4	1	2	27		8.00	CY														8				
	FORMS		2	4	2	1	1	9.67	154.72	SF																		150
	REBAR		8	1	1	1	1	255	730.62	LBS																755		
	BEAMS BM-01 TO BM-06	8000psi	51	1	2	1	1	1	3.78	CY														8				
	FORMS		51	1	2	1	1	1	255.00	SF																		465
	REBAR		51	1	2	1	2	275	1038.89	LBS																1935		
9	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242																	
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354														
	REBAR 9TH FLOOR DECK		9167	1.54					14117.18	LBS		14118																
	COLUMNS INT	6000psi	8	3.33	2	12	27		23.68	CY										24								
	FORMS		8	3.33	2	3	2	9.67	824.66	SF												1280						
	REBAR		8	3.33	2	3	2	165	3148.55	LBS											4884							
	COLUMNS EXT	6000psi	38	2.5	2	1	2	1	95.00	CY										95								
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF												4275						
	REBAR		38	2.5	2	1	2	165	11227.94	LBS											17418							
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY						42												
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF								2244										
	REBAR		116	1	1	1	1	139	5774.78	LBS							5775											
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY						38												
	FORMS		104	1	1	1	1	9.67	2011.36	SF								2012										
	REBAR		104	1	1	1	1	139	5177.39	LBS							5178											
	EXTERIOR WALLS - 12"	6000psi	11	1	13	1	27		5.30	CY						6												
	FORMS		11	1	1	1	1	15	330.00	SF								330										
	REBAR		11	1	1	1	1	139	849.44	LBS							850											
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY														8				
	FORMS		2	4	2	1	1	9.67	154.72	SF																		150
	REBAR		8	1	1	1	1	255	730.62	LBS																755		
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY														8				
	FORMS		51	1	2	1	1	1	255.00	SF																		465
	REBAR		51	1	2	1	2	275	1038.89	LBS																1935		
10	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242																	
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354														
	REBAR 10TH FLOOR DECK		9167	1.54					14117.18	LBS		14118																
	COLUMNS INT	6000psi	8	3.33	2	12	27		23.68	CY										24								
	FORMS		8	3.33	2	3	2	9.67	824.66	SF												1280						
	REBAR		8	3.33	2	3	2	165	3148.55	LBS											4884							
	COLUMNS EXT	6000psi	38	2.5	2	1	2	1	95.00	CY										95								
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF												4275						
	REBAR		38	2.5	2	1	2	165	11227.94	LBS											17418							
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY						42												
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF								2244										
	REBAR		116	1	1	1	1	139	5774.78	LBS							5775											
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY						38												
	FORMS		104	1	1	1	1	9.67	2011.36	SF								2012										

	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	6000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY											8			
	FORMS		2	4	2	1	1	9.67	154.72	SF													150	
	REBAR		8	1	1	1	1	255	730.62	LBS												755		
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY											8			
	FORMS		51	1	2	1	1	1	255.00	SF													465	
	REBAR		51	1	2	1	2	275	1038.89	LBS												1935		
11	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 11TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	6000psi	8	3.33	2	12	27		23.68	CY								24						
	FORMS		8	3.33	2	3	2	9.67	824.66	SF										1280				
	REBAR		8	3.33	2	3	2	165	3148.55	LBS									4884					
	COLUMNS EXT	6000psi	38	2.5	2	1	2	1	95.00	CY								95						
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF										4275				
	REBAR		38	2.5	2	1	2	165	11227.94	LBS									17418					
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	6000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY											8			
	FORMS		2	4	2	1	1	9.67	154.72	SF													150	
	REBAR		8	1	1	1	1	255	730.62	LBS												755		
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY											8			
	FORMS		51	1	2	1	1	1	255.00	SF													465	
	REBAR		51	1	2	1	2	275	1038.89	LBS												1935		
12	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 12TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	6000psi	8	3.33	2	12	27		23.68	CY								24						
	FORMS		8	3.33	2	3	2	9.67	824.66	SF										1280				
	REBAR		8	3.33	2	3	2	165	3148.55	LBS									4884					
	COLUMNS EXT	6000psi	38	2.5	2	1	2	1	95.00	CY								95						
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF										4275				
	REBAR		38	2.5	2	1	2	165	11227.94	LBS									17418					
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	6000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY											8			
	FORMS		2	4	2	1	1	9.67	154.72	SF													150	
	REBAR		8	1	1	1	1	255	730.62	LBS												755		
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY											8			
	FORMS		51	1	2	1	1	1	255.00	SF													465	
	REBAR		51	1	2	1	2	275	1038.89	LBS												1935		
13	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 13TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	6000psi	8	3.33	2	12	27		23.68	CY								24						
	FORMS		8	3.33	2	3	2	9.67	824.66	SF										1280				
	REBAR		8	3.33	2	3	2	165	3148.55	LBS									4884					

	COLUMNS EXT	6000psi	38	2.5	2	1	2	1	95.00	CY									95					
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF											4275			
	REBAR		38	2.5	2	1	2	165	11227.94	LBS										17418				
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	6000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS													755	
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY												8		
	FORMS		51	1	2	1	1	1	255.00	SF														465
	REBAR		51	1	2	1	2	275	1038.89	LBS													1935	
14	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 14TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	6000psi	8	3.33	2	12	27		23.68	CY									24					
	FORMS		8	3.33	2	3	2	9.67	824.66	SF											1280			
	REBAR		8	3.33	2	3	2	165	3148.55	LBS										4884				
	COLUMNS EXT	6000psi	38	2.5	2	1	2	1	95.00	CY									95					
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF											4275			
	REBAR		38	2.5	2	1	2	165	11227.94	LBS										17418				
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	6000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS													755	
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY												8		
	FORMS		51	1	2	1	1	1	255.00	SF														465
	REBAR		51	1	2	1	2	275	1038.89	LBS													1935	
15	8.5" DECK **BUILDING**	6000psi	9167	0.71			1		241.06	CY	242													
	FORMS - HORIZONTAL W SHORING		9167	1.04					9533.68	SF			9167	354										
	REBAR 15TH FLOOR DECK		9167	1.54					14117.18	LBS		14118												
	COLUMNS INT	6000psi	8	3.33	2	12	27		23.68	CY									24					
	FORMS		8	3.33	2	3	2	9.67	824.66	SF											1280			
	REBAR		8	3.33	2	3	2	165	3148.55	LBS										4884				
	COLUMNS EXT	6000psi	38	2.5	2	1	2	1	95.00	CY									95					
	FORM FOR SHAFTS		38	2.5	2	1	2	9.67	2755.95	SF											4275			
	REBAR		38	2.5	2	1	2	165	11227.94	LBS										17418				
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY					42									
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF							2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775								
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY					38									
	FORMS		104	1	1	1	1	9.67	2011.36	SF							2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178								
	EXTERIOR WALLS - 12"	6000psi	11	1	13	1	27		5.30	CY					6									
	FORMS		11	1	1	1	1	15	330.00	SF							330							
	REBAR		11	1	1	1	1	139	849.44	LBS						850								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	9.67	154.72	SF														150
	REBAR		8	1	1	1	1	255	730.62	LBS													755	
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY												8		

	FORMS		51	1	2	1	1	1	255.00	SF																		465
	REBAR		51	1	2	1	2	275	1038.89	LBS																1935		
16	10" DECK **TERRACE DECK**	6000psi	2291	0.83			1		70.43	CY	71																	
	FORMS - HORIZONTAL W SHORING		2291	1.04					2382.64	SF			2291	100														
	REBAR 3RD FLOOR DECK		2291	2.09					4788.19	LBS		4789																
	8.5" DECK **BUILDING**	6000psi	7273	0.71			1		191.25	CY	192																	
	FORMS - HORIZONTAL W SHORING		7273	1.04					7563.92	SF			7273	244														
	REBAR 3RD FLOOR DECK		7273	1.54					11200.42	LBS		11201																
	COLUMNS INT	6000psi	2	3.33	2	12	27		5.92	CY											6							
	FORMS		2	3.33	2	3	2	12.5	266.50	SF													267					
	REBAR		2	3.33	2	3	2	165	1017.50	LBS												1018						
	COLUMNS EXT	6000psi	20	2.5	2	1	2	1	50.00	CY											50							
	FORM FOR SHAFTS		20	2.5	2	1	2	12.5	1875.00	SF													1875					
	REBAR		20	2.5	2	1	2	165	7638.89	LBS												7639						
	ELEV SHAFTS	6000psi	102	1	13	1	27		47.22	CY						48												
	FORM FOR SHAFTS		102	1	1	1	1	12.5	2550.00	SF								2550										
	REBAR		102	1	1	1	1	139	6563.89	LBS							6564											
	STAIR SHEAR WALLS	6000psi	104	1	13	1	27		48.15	CY						49												
	FORMS		104	1	1	1	1	12.5	2600.00	SF								2600										
	REBAR		104	1	1	1	1	139	6692.59	LBS							6693											
	CANTELIVER BEAM	6000psi	31.44	1.5	13	1	27		21.83	CY						22												
	FORMS		31.44	1	1	1	1	12.5	786.00	SF								787										
	REBAR		31.44	1	1	1	1	139	2023.22	LBS							2033											
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY															8			
	FORMS		2	4	2	1	1	12.5	200.00	SF																		150
	REBAR		8	1	1	1	1	255	944.44	LBS																755		
	BEAMS BM-01 TO BM-06	6000psi	131	1	2	1	1	1	9.70	CY															10			
	FORMS		131	1	2	1	1	1	655.00	SF																		655
	REBAR		131	1	2	1	2	275	2668.52	LBS																2669		
17	1'-6" DECK **A-S-217 WAFFLE DECK**	6000psi	128.84	9.25	SQ FT/F		1		44.14	CY	45																	
	FORMS - HORIZONTAL W SHORING	PERIME	1844	1.04					1917.76	SF			1844															
	FORMS - EDGE VERT SHORING		1284	1.04					1335.36	SF				1335														
	REBAR PERIMETER SECTION		45	125					5625.00	LBS		5626																
	REBAR GRID BEAMS		5040	2.09					10533.60	LBS																		
	REBAR 4" FLOOR DECK		1849	1.5					2773.50	LBS		2774																
	4" DECK **A-S-217 WAFFLE DECK**	6000psi	1849	0.33			1		22.60	CY	23																	
	DECK **A-S-217 WAFFLE DECK**	GEO FIL	1360	1			1		1360.00	CF				150	1360													
	REBAR 3RD FLOOR DECK		1849	2.09					3864.41	LBS		3865																
	10" DECK **WALKWAY**	6000psi	540	0.83			1		16.60	CY	17																	
	FORMS - HORIZONTAL W SHORING		540	1.04					561.60	SF			540	55														
	REBAR WALKWAY FLOOR DECK		540	2.09					1128.60	LBS		1129																
	10" DECK **BUILDING**	6000psi	5751	0.83			1		176.79	CY	177																	
	FORMS - HORIZONTAL W SHORING		5751	1.04					5981.04	SF			5751	302														
	REBAR WAFFLE FLOOR DECK		5751	2.1					12077.10	LBS		12078																
	12" DECK **BUILDING**	6000psi	814	1			1		30.15	CY	31																	
	FORMS - HORIZONTAL W SHORING		814	1.04					846.56	SF			814	90														
	REBAR 3RD FLOOR DECK		814	2.4					1953.60	LBS		1954																
	COLUMNS INT	6000psi	2	3.33	2	12	27		5.92	CY											6							
	FORMS		2	3.33	2	3	2	12.5	266.50	SF													267					
	REBAR		2	3.33	2	3	2	165	1017.50	LBS												1018						
	COLUMNS EXT	6000psi	20	2.5	2	1	2	1	50.00	CY											50							
	FORM FOR SHAFTS		20	2.5	2	1	2	12.5	1875.00	SF													1875					
	REBAR		20	2.5	2	1	2	165	7638.89	LBS												7639						
	ELEV SHAFTS	6000psi	102	1	13	1	27		47.22	CY						48												
	FORM FOR SHAFTS		102	1	1	1	1	12.5	2550.00	SF								2550										
	REBAR		102	1	1	1	1	139	6563.89	LBS							6564											
	STAIR SHEAR WALLS	6000psi	104	1	13	1	27		48.15	CY						49												
	FORMS		104	1	1	1	1	12.5	2600.00	SF								2600										
	REBAR		104	1	1	1	1	139	6692.59	LBS							6693											
	CANTELIVER BEAM	6000psi	18	1.5	13	1	27		12.50	CY						13												
	FORMS		18	1	1	1	1	12.5	450.00	SF								450										
	REBAR		18	1	1	1	1	139	1158.33	LBS							1159											
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY															8			
	FORMS		2	4	2	1	1	12.5	200.00	SF																		150

	REBAR		8	1	1	1	1	255	944.44	LBS												755	
	BEAMS BM-01 TO BM-06	6000psi	131	1	2	1	1	1	9.70	CY											10		
	FORMS		131	1	2	1	1	1	655.00	SF													655
	REBAR		131	1	2	1	2	275	2668.52	LBS												2669	
18	10" DECK **BUILDING**	6000psi	4990	0.83			1		153.40	CY	155												
	FORMS - HORIZONTAL W SHORING		4990	1.04					5189.60	SF			4990	288									
	REBAR 14TH FLOOR DECK		4990	1.85					9231.50	LBS		9232											
	COLUMNS INT	6000psi	1	3.33	2	12	27		2.96	CY							3						
	FORMS		1	3.33	2	3	2	9.67	103.08	SF									104				
	REBAR		1	3.33	2	3	2	165	393.57	LBS								394					
	COLUMNS EXT	6000psi	15	2.5	2	1	2	1	37.50	CY							38						
	FORM FOR SHAFTS		15	2.5	2	1	2	9.67	1087.88	SF									1875				
	REBAR		15	2.5	2	1	2	165	4432.08	LBS								7639					
	ELEV SHAFTS	6000psi	116	1	9.7	1	27		41.55	CY					42								
	FORM FOR SHAFTS		116	1	1	1	1	9.67	2243.44	SF						2244							
	REBAR		116	1	1	1	1	139	5774.78	LBS						5775							
	STAIR SHEAR WALLS	6000psi	104	1	9.7	1	27		37.25	CY					38								
	FORMS		104	1	1	1	1	9.67	2011.36	SF						2012							
	REBAR		104	1	1	1	1	139	5177.39	LBS						5178							
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY											8		
	FORMS		2	4	2	1	1	9.67	154.72	SF													150
	REBAR		8	1	1	1	1	255	730.62	LBS												755	
	BEAMS BM-01 TO BM-06	6000psi	51	1	2	1	1	1	3.78	CY											10		
	FORMS		51	1	2	1	1	1	255.00	SF													655
	REBAR		51	1	2	1	2	275	1038.89	LBS												2669	
19	10" DECK	6000psi	4990	0.83			1		153.40	CY	155												
	FORMS		4990	1.04					5189.60	SF			4990	288									
	REBAR		4990	1.85					9231.50	LBS		9232											
	COLUMNS	6000psi	1	3.33	2	12	27		2.96	CY							3						
	FORMS		1	3.33	2	3	2	16	170.56	SF									171				
	REBAR		1	3.33	2	3	2	165	651.20	LBS								652					
	SHEAR WALLS	6000psi	15	2.5	2	1	2	1	37.50	CY					38								
	FORM FOR SHAFTS		15	2.5	2	1	2	16	1800.00	SF						1800							
	REBAR		15	2.5	2	1	2	165	7333.33	LBS						7334							
	ELEV SHAFTS	6000psi	116	1	16	1	27		68.74	CY					69								
	FORM FOR SHAFTS		116	1	1	1	1	16	3712.00	SF						3712							
	REBAR		116	1	1	1	1	139	9554.96	LBS						9555							
	STAIR SHEAR WALLS	6000psi	104	1	16	1	27		61.63	CY					62								
	FORMS		104	1	1	1	1	16	3328.00	SF						3328							
	REBAR		104	1	1	1	1	139	8566.52	LBS						8567							
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY											8		
	FORMS		2	4	2	1	1	16	256.00	SF													150
	REBAR		8	1	1	1	1	255	1208.89	LBS												755	
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78												10		
	FORMS		51	1	2	1	1	1	255.00														655
	REBAR		51	1	2	1	2	275	1038.89													2669	
20	10" DECK	6000psi	4990	0.83			1		153.40	CY	155												
	FORMS		4990	1.04					5189.60	SF			4990	288									
	REBAR		4990	1.85					9231.50	LBS		9232											
	COLUMNS	6000psi	1	3.33	2	12	27		2.96	CY							3						
	FORMS		1	3.33	2	3	2	11.5	122.59	SF									123				
	REBAR		1	3.33	2	3	2	165	468.05	LBS								469					
	SHEAR WALLS	6000psi	15	1	2	1	2	1	15.00	CY													
	FORM FOR SHAFTS		15	1	2	1	2	11.5	1035.00	SF													
	REBAR		15	1	2	1	2	139	1776.11	LBS													
	ELEV SHAFTS	6000psi	116	1	12	1	27		49.41	CY					50								
	FORM FOR SHAFTS		116	1	1	1	1	11.5	2668.00	SF						2668							
	REBAR		116	1	1	1	1	139	6867.63	LBS						6868							
	STAIR SHEAR WALLS	6000psi	104	1	12	1	27		44.30	CY					45								
	FORMS		104	1	1	1	1	11.5	2392.00	SF						2392							
	REBAR		104	1	1	1	1	139	6157.19	LBS						6158							
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY											8		
	FORMS		2	4	2	1	1	11.5	184.00	SF													150
	REBAR		8	1	1	1	1	255	868.89	LBS												755	

	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78													10		
	FORMS		51	1	2	1	1	1	255.00															655
	REBAR		51	1	2	1	2	275	1038.89														2669	
21	10" DECK	6000psi	4990	0.83			1		153.40	CY	155													
	FORMS		4990	1.04					5189.60	SF			4990	288										
	REBAR		4990	1.85					9231.50	LBS		9232												
	COLUMNS	6000psi	1	3.33	2	12	27		2.96	CY								3						
	FORMS		1	3.33	2	3	2	11.5	122.59	SF										123				
	REBAR		1	3.33	2	3	2	165	468.05	LBS									469					
	SHEAR WALLS	6000psi	15	1	2	1	2	1	15.00	CY					15									
	FORM FOR SHAFTS		15	1	2	1	2	11.5	1035.00	SF							1035							
	REBAR		15	1	2	1	2	139	1776.11	LBS						1777								
	ELEV SHAFTS	6000psi	116	1	12	1	27		49.41	CY					50									
	FORM FOR SHAFTS		116	1	1	1	1	11.5	2668.00	SF							2668							
	REBAR		116	1	1	1	1	139	6867.63	LBS						6868								
	STAIR SHEAR WALLS	6000psi	104	1	13	1	27		50.07	CY					45									
	FORMS		104	1	1	1	1	16	3328.00	SF							2392							
	REBAR		104	1	1	1	1	139	8566.52	LBS						6158								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	16	256.00	SF														150
	REBAR		8	1	1	1	1	255	1208.89	LBS													755	
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78													10		
	FORMS		51	1	2	1	1	1	255.00															655
	REBAR		51	1	2	1	2	275	1038.89														2669	
22	10" DECK	6000psi	4990	0.83			1		153.40	CY	155													
	FORMS		4990	1.04					5189.60	SF			4990	288										
	REBAR		4990	1.85					9231.50	LBS		9232												
	COLUMNS	6000psi	1	3.33	2	12	27		2.96	CY								3						
	FORMS		1	3.33	2	3	2	11.5	122.59	SF										123				
	REBAR		1	3.33	2	3	2	165	468.05	LBS									469					
	SHEAR WALLS	6000psi	15	1	2	1	2	1	15.00	CY					15									
	FORM FOR SHAFTS		15	1	2	1	2	11.5	1035.00	SF							1035							
	REBAR		15	1	2	1	2	139	1776.11	LBS						1777								
	ELEV SHAFTS	6000psi	116	1	12	1	27		49.41	CY					50									
	FORM FOR SHAFTS		116	1	1	1	1	11.5	2668.00	SF							2668							
	REBAR		116	1	1	1	1	139	6867.63	LBS						6868								
	STAIR SHEAR WALLS	6000psi	104	1	13	1	27		50.07	CY					45									
	FORMS		104	1	1	1	1	16	3328.00	SF							2392							
	REBAR		104	1	1	1	1	139	8566.52	LBS						6158								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	16	256.00	SF														150
	REBAR		8	1	1	1	1	255	1208.89	LBS													755	
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78													10		
	FORMS		51	1	2	1	1	1	255.00															655
	REBAR		51	1	2	1	2	275	1038.89														2669	
23	10" DECK	6000psi	4990	0.83			1		153.40	CY	155													
	FORMS		4990	1.04					5189.60	SF			4990	288										
	REBAR		4990	1.85					9231.50	LBS		9232												
	COLUMNS	6000psi	1	3.33	2	12	27		2.96	CY								3						
	FORMS		1	3.33	2	3	2	11.5	122.59	SF										123				
	REBAR		1	3.33	2	3	2	165	468.05	LBS									469					
	SHEAR WALLS	6000psi	15	1	2	1	2	1	15.00	CY					15									
	FORM FOR SHAFTS		15	1	2	1	2	11.5	1035.00	SF							1035							
	REBAR		15	1	2	1	2	139	1776.11	LBS						1777								
	ELEV SHAFTS	6000psi	116	1	12	1	27		49.41	CY					50									
	FORM FOR SHAFTS		116	1	1	1	1	11.5	2668.00	SF							2668							
	REBAR		116	1	1	1	1	139	6867.63	LBS						6868								
	STAIR SHEAR WALLS	6000psi	104	1	13	1	27		50.07	CY					45									
	FORMS		104	1	1	1	1	16	3328.00	SF							2392							
	REBAR		104	1	1	1	1	139	8566.52	LBS						6158								
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8		
	FORMS		2	4	2	1	1	16	256.00	SF														150
	REBAR		8	1	1	1	1	255	1208.89	LBS													755	
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78													10		

	FORMS		51	1	2	1	1	1	255.00																655
	REBAR		51	1	2	1	2	275	1038.89															2669	
24	10" DECK	6000psi	4990	0.83			1		153.40	CY	155														
	FORMS		4990	1.04					5189.60	SF			4990	288											
	REBAR		4990	1.85					9231.50	LBS		9232													
	COLUMNS	6000psi	1	3.33	2	12	27		2.96	CY									3						
	FORMS		1	3.33	2	3	2	11.5	122.59	SF											123				
	REBAR		1	3.33	2	3	2	165	468.05	LBS										469					
	SHEAR WALLS	6000psi	15	1	2	1	2	1	15.00	CY					15										
	FORM FOR SHAFTS		15	1	2	1	2	11.5	1035.00	SF							1035								
	REBAR		15	1	2	1	2	139	1776.11	LBS						1777									
	ELEV SHAFTS	6000psi	116	1	12	1	27		49.41	CY					50										
	FORM FOR SHAFTS		116	1	1	1	1	11.5	2668.00	SF							2668								
	REBAR		116	1	1	1	1	139	6867.63	LBS						6868									
	STAIR SHEAR WALLS	6000psi	104	1	13	1	27		50.07	CY					45										
	FORMS		104	1	1	1	1	16	3328.00	SF							2392								
	REBAR		104	1	1	1	1	139	8566.52	LBS						6158									
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8			
	FORMS		2	4	2	1	1	16	256.00	SF															150
	REBAR		8	1	1	1	1	255	1208.89	LBS													755		
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78													10			
	FORMS		51	1	2	1	1	1	255.00																655
	REBAR		51	1	2	1	2	275	1038.89															2669	
25	10" DECK	6000psi	4990	0.83			1		153.40	CY	155														
	FORMS		4990	1.04					5189.60	SF			4990	288											
	REBAR		4990	1.85					9231.50	LBS		9232													
	COLUMNS	6000psi	1	3.33	2	12	27		2.96	CY									3						
	FORMS		1	3.33	2	3	2	11.5	122.59	SF											123				
	REBAR		1	3.33	2	3	2	165	468.05	LBS										469					
	SHEAR WALLS	6000psi	15	1	2	1	2	1	15.00	CY					15										
	FORM FOR SHAFTS		15	1	2	1	2	11.5	1035.00	SF							1035								
	REBAR		15	1	2	1	2	139	1776.11	LBS						1777									
	ELEV SHAFTS	6000psi	116	1	12	1	27		49.41	CY					50										
	FORM FOR SHAFTS		116	1	1	1	1	11.5	2668.00	SF							2668								
	REBAR		116	1	1	1	1	139	6867.63	LBS						6868									
	STAIR SHEAR WALLS	6000psi	104	1	13	1	27		50.07	CY					45										
	FORMS		104	1	1	1	1	16	3328.00	SF							2392								
	REBAR		104	1	1	1	1	139	8566.52	LBS						6158									
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8			
	FORMS		2	4	2	1	1	16	256.00	SF															150
	REBAR		8	1	1	1	1	255	1208.89	LBS													755		
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78													10			
	FORMS		51	1	2	1	1	1	255.00																655
	REBAR		51	1	2	1	2	275	1038.89															2669	
BLK HD 1	10" DECK	6000psi	2092	0.83			1		64.31	CY	65														
	FORMS		2092	1.04					2175.68	SF			2092	210											
	REBAR		2092	1.85					3870.20	LBS		3871													
	COLUMNS	6000psi	0	0	0	0	1	0	0.00	CY															
	FORMS		0	0	0	0	1	0	0.00	SF															
	REBAR		0	0	0	0	1	0	0.00	LBS															
	SHEAR WALLS	6000psi	6	0	0	0	1	0	0.00	CY															
	FORM FOR SHAFTS		6	0	0	0	1	0	0.00	SF															
	REBAR		6	0	0	0	1	0	0.00	LBS															
	ELEV SHAFTS	6000psi	58	1	13	1	27	0	27.93	CY					28										
	FORM FOR SHAFTS		58	1	1	1	1	16	1856.00	SF							1856								
	REBAR		58	1	1	1	1	139	4777.48	LBS						4778									
	STAIR SHEAR WALLS	6000psi	0	1	13	1	27		0.00	CY															
	FORMS		0	1	1	1	1	16	0.00	SF															
	REBAR		0	1	1	1	1	139	0.00	LBS															
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY												8			
	FORMS		2	4	2	1	1	16	256.00	SF															150
	REBAR		8	1	1	1	1	255	1208.89	LBS													755		
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78													10			
	FORMS		51	1	2	1	1	1	255.00																655

	REBAR		51	1	2	1	2	275	1038.89													2669	
BLK HD 2	10" DECK	6000psi	2092	0.83			1		64.31	CY	65												
	FORMS		2092	1.04					2175.68	SF			2092	210									
	REBAR		2092	1.85					3870.20	LBS		3871											
	COLUMNS	6000psi	0	0	0	0	1	0	0.00	CY													
	FORMS		0	0	0	0	1	0	0.00	SF													
	REBAR		0	0	0	0	1	0	0.00	LBS													
	SHEAR WALLS	6000psi	6	0	0	0	1	0	0.00	CY													
	FORM FOR SHAFTS		6	0	0	0	1	0	0.00	SF													
	REBAR		6	0	0	0	1	0	0.00	LBS													
	ELEV SHAFTS	6000psi	40	1	13	1	27	0	19.26	CY					20								
	FORM FOR SHAFTS		40	1	1	1	1	16	1280.00	SF							1280						
	REBAR		40	1	1	1	1	52	1232.59	LBS						1233							
	STAIR SHEAR WALLS	6000psi	0	1	13	1	27		0.00	CY													
	FORMS		0	1	1	1	1	16	0.00	SF													
	REBAR		0	1	1	1	1	139	0.00	LBS													
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY										8			
	FORMS		2	4	2	1	1	16	256.00	SF													150
	REBAR		8	1	1	1	1	255	1208.89	LBS											755		
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78											10			
	FORMS		51	1	2	1	1	1	255.00														655
	REBAR		51	1	2	1	2	275	1038.89												2669		
BLK HD 3	10" DECK	6000psi	2092	0.83			1		64.31	CY	65												
	FORMS		2092	1.04					2175.68	SF			2092	210									
	REBAR		2092	1.85					3870.20	LBS		3871											
	COLUMNS	6000psi	0	0	0	0	1	0	0.00	CY													
	FORMS		0	0	0	0	1	0	0.00	SF													
	REBAR		0	0	0	0	1	0	0.00	LBS													
	SHEAR WALLS	6000psi	6	0	0	0	1	0	0.00	CY													
	FORM FOR SHAFTS		6	0	0	0	1	0	0.00	SF													
	REBAR		6	0	0	0	1	0	0.00	LBS													
	ELEV SHAFTS	6000psi	40	1	13	1	27	0	19.26	CY					20								
	FORM FOR SHAFTS		40	1	1	1	1	16	1280.00	SF							1280						
	REBAR		40	1	1	1	1	52	1232.59	LBS						1233							
	STAIR SHEAR WALLS	6000psi	0	1	13	1	27		0.00	CY													
	FORMS		0	1	1	1	1	16	0.00	SF													
	REBAR		0	1	1	1	1	139	0.00	LBS													
	STAIRS/LANDINGS	6000psi	27	4	1	2	27		8.00	CY										8			
	FORMS		2	4	2	1	1	16	256.00	SF													150
	REBAR		8	1	1	1	1	255	1208.89	LBS											755		
	CONC DWN TRN BEAMS	6000psi	51	1	2	1	1	1	3.78											10			
	FORMS		51	1	2	1	1	1	255.00														655
	REBAR		51	1	2	1	2	275	1038.89												2669		
RF	ROOF DECK	6000psi	2092	0.83					64.31	CY	65												
	FORMS		2092	1.04					2175.68	SF			2092	210									
	REBAR		2092	1.85					3870.20	LBS		3871											
	CONCRETE	6000psi	220	0.76					6.19	CY	7												
	FORMS		220	1.04					228.80	SF				229									
	REBAR		220	0.67					147.40	LBS		148											
	CONCRETE+++	MEC PADS -							32	CY	32												
	CONCRETE	MISC							18	CY	18												
	FORMS								0	SF													
	REBAR								0	LBS													
	CALC																						
	FORM OILS / MISC OILS								2500	GAL													
	TOWER CRANE								125	DAYS													
	125 TON HYD TRK CRANE								0	DAYS													
	15 TON TRK CRANE								0	DAYS													
	PUMP TRUCK EQUIP								80	DAYS													
	SAFETY MAN - REQ PER NYC								25	WKS													
	ESTIMATING								1	LS													
	OSHA SAFETY CABLE/FENCE								8550	LF													
	OSHA SAFETY BARRICADES ELEV/SHFTS								29	FLS													
	ENGINEERING DRWGS								29	LS													

CLEANUP/PUNCHLIST		6	MNTHS
JOB OVHD PM PUTRK/TLS/FUEL	EQUIP	6	MNTHS
LABOR ADJ 2013		48000	HRS
CONC - DIFF - FACTOR		0	CY
REBAR ADJ		0	LBS
EPOXY ADD		0	LBS

		7150	423805	240260	11351	1640	2966	407620	160634	2094	381658	95294	516	91735	21300
G/L/INSURANCE	INSURANCE G/L 10000000 X 2%	CY	LBS	SF	SF	CF	CY	LBS	SF	CY	LBS	SF	CY	LBS	SF
WORKMENS COMP	**INSURANCE W/C**														
UMBRELLA POLICY +++	**INSURANCE AD 10000000 X .125%**														

HOIST PAD
TOWER CRANE PAD **14X16X10" @150LBS /CY**
MAT ONLY ADD 20 TONS OF REBAR
6 DAY WORK WEEK **20 WKS @ 40 MEN @ 6 DAY WEEKS @ 375/DAY**
HORIZONTAL NETTING **AT .80CENT /SQ FT**

SUMMARY

CONCRETE	12726	CY
REBAR	1304818	LBS
HORZ FORMS	240260	SQ FT
VERT FORMS	267279	SQ FT
BEAMS&STAIRS FRMS	21300	SQ FT
GEO FILL	1640	CF

TOTAL COSTS	XXXXXXXXX	PCT
OVHD	1	LS
SUB TOT	XXXXXXXXX	PCT
PRFT	XXXXXXXXX	LS
TOTAL PROJ MIN$	1	LS

R TOTAL BID PER CALCULATIONS

SIGNED: ANTONIO J. LOFFREDO SEPT, 16/2014 10:58AM