

ETABS MATE > 2 Columns Longitudinal Rebars Listofor							
Position Number	Rebar Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
5o	#22	505	13.1	328	4942.8		
6o	#22	500	14.9	28	417.8		
7o	#20	495	12.2	190	2319.4		
17o	#25	515	19.8	174	3453		
27o	#25	525	20.2	98	1982.6		
Columns Longitudinal Rebars Summation Values						818	13115 kg

ETABS MATE > 3 Columns Longitudinal Rebars Listofor							
Position Number	Rebar Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
5o	#22	505	13.1	402	6811.4		
6o	#22	500	14.9	16	238.7		
7o	#20	495	12.2	218	2661.2		
17o	#25	515	19.8	14	277.8		
27o	#25	525	20.2	90	1820.7		
Columns Longitudinal Rebars Summation Values						790	11810 kg

ETABS MATE > 4 Columns Longitudinal Rebars Listofor							
Position Number	Rebar Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
5o	#22	505	13.1	314	5134.6		
6o	#22	500	14.9	70	1044.4		
7o	#20	495	12.2	226	2758.8		
17o	#25	515	19.8	48	952.6		
18o	#22	490	14.6	14	204.7		
27o	#25	525	20.2	30	606.9		
Columns Longitudinal Rebars Summation Values						748	10902 kg

ETABS MATE > 5 Columns Longitudinal Rebars Listofor							
Position Number	Rebar Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
5o	#22	505	13.1	162	2441.2		
6o	#22	500	14.9	234	3491.3		
7o	#20	495	12.2	280	3418.1		
17o	#25	515	19.8	14	277.8		
18o	#22	490	14.6	14	204.7		
19o	#18	470	9.4	14	131.4		
27o	#25	525	20.2	14	283.2		
Columns Longitudinal Rebars Summation Values						738	10848 kg

ETABS MATE > 2 Columns Tie and Tiespine Rebars Listofor							
Position Number	Tie Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
T3o	#12	115	1	26	35.2		
T4o	#12	76	0.7	2013	1358.2		
T4o	#12	286	2.5	99	251.4		
T5o	#12	106	0.9	712	670.1		
T6o	#12	266	2.4	455	1074.5		
T7o	#12	96	0.9	1517	1292.9		
T8o	#14	250	3	352	1065.4		
T9o	#14	90	1.1	1331	1447.6		
T10o	#14	80	1	1182	1142.7		
T11o	#12	246	2.2	102	222.8		
T12o	#12	86	0.8	869	663.3		
T13o	#14	130	1.6	329	516.8		
T14o	#14	70	0.8	458	387.4		
T15o	#12	66	0.6	611	358		
T16o	#12	286	2.5	48	121.9		
T21o	#14	110	1.3	106	140.9		
T22o	#14	250	3	90	271.9		
T23o	#14	100	1.2	612	739.5		
T25o	#14	290	3.5	98	343.4		
T26o	#12	286	2.5	151	383.4		
T28o	#14	350	4.2	141	596.4		
T31o	#14	120	1.5	184	266.8		
T32o	#14	290	3.5	53	185.7		
T33o	#14	330	4	47	187.4		
T36o	#14	270	3.3	176	574.2		
T40o	#12	246	2.2	53	115.8		
T41o	#14	270	3.3	159	518.8		
T44o	#14	290	3.5	184	644.8		
T45o	#12	326	2.9	49	141.8		
T50o	#12	306	2.7	53	144		
T52o	#12	296	2.6	49	128.8		
T56o	#12	111	1	98	96.6		
T60o	#12	266	2.4	53	125.2		
Columns Tie and Tiespine Summation Values						12030	16276 kg

ETABS MATE > 3 Columns Tie and Tiespine Rebars Listofor							
Position Number	Tie Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
T3o	#12	76	0.7	1443	973.6		
T4o	#12	286	2.5	42	106.6		
T5o	#12	106	0.9	182	171.3		
T6o	#12	266	2.4	475	1121.8		
T7o	#12	96	0.9	1263	1076.5		
T8o	#14	250	3	386	1196.3		
T9o	#14	90	1.1	1501	1632.4		
T10o	#14	80	1	1043	1008.3		
T11o	#12	246	2.2	98	214		
T12o	#12	86	0.8	355	271		
T13o	#14	70	0.8	385	494.8		
T14o	#12	66	0.6	186	114.8		
T20o	#14	270	3.3	225	734.1		
T21o	#14	110	1.3	225	299.1		
T22o	#14	250	3	135	407.8		
T23o	#14	100	1.2	829	1001.8		
T25o	#14	290	3.5	233	816.5		
T26o	#12	286	2.5	53	134.6		
T30o	#14	330	4	138	550.3		
T31o	#14	120	1.5	322	466.9		
T37o	#14	310	3.7	46	172.3		
T38o	#14	270	3.3	176	574.2		
T41o	#14	270	3.3	200	652.5		
T42o	#12	306	2.7	47	127.7		
T50o	#12	266	2.4	49	115.7		
Columns Tie and Tiespine Summation Values						10097	14436 kg

ETABS MATE > 4 Columns Tie and Tiespine Rebars Listofor							
Position Number	Tie Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
T3o	#12	76	0.7	872	588.4		
T6o	#12	266	2.4	562	1327.2		
T7o	#12	96	0.9	1011	861.7		
T8o	#14	250	3	660	1993.9		
T9o	#14	90	1.1	840	913.6		
T10o	#14	80	1	1200	1160.1		
T13o	#12	86	0.8	570	435.2		
T15o	#14	70	0.8	450	380.7		
T20o	#14	270	3.3	45	146.8		
T21o	#14	110	1.3	270	358.9		
T22o	#14	250	3	360	1087.6		
T23o	#14	100	1.2	585	706.9		
T25o	#14	290	3.5	180	630.8		
T26o	#12	286	2.5	98	248.8		
T28o	#14	290	3.5	225	788.5		
T30o	#12	266	2.4	46	108.8		
T41o	#14	270	3.3	45	146.8		
Columns Tie and Tiespine Summation Values						8019	11804 kg

ETABS MATE > 4 Columns Rebars Summary Report				
Rebar Size	Rebar Type	Length (m)	12m Bar Number	Weight (kg)
#12	Tie	4021	358	3070
#14	Tie	6880.5	674	8314
#20	Bar	1118.7	94	2750
#22	Bar	2206.3	184	6504
#25	Bar	404.7	34	1650
Columns Rebars Total Weight = 22786 kg (22.786 ton)				

ETABS MATE > 5 Columns Tie and Tiespine Rebars Listofor							
Position Number	Tie Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
T3o	#12	76	0.7	775	522.9		
T6o	#12	266	2.4	530	1251.6		
T7o	#12	96	0.9	579	493.5		
T8o	#14	250	3	836	2525.6		
T9o	#14	90	1.1	1105	1201.8		
T10o	#14	80	1	1016	982.2		
T11o	#12	246	2.2	49	107		
T12o	#12	86	0.8	350	267.2		
T13o	#14	70	0.8	449	379.8		
T20o	#14	270	3.3	45	146.8		
T21o	#14	110	1.3	90	119.6		
T22o	#14	250	3	315	951.6		
T23o	#14	100	1.2	585	706.9		
T24o	#14	230	2.8	44	122.3		
T25o	#14	290	3.5	225	788.5		
T28o	#14	290	3.5	45	157.7		
T30o	#12	266	2.4	42	99.2		
T41o	#14	270	3.3	45	146.8		
Columns Tie and Tiespine Summation Values						7185	10071 kg

ETABS MATE > 5 Columns Rebars Summary Report				
Rebar Size	Rebar Type	Length (m)	12m Bar Number	Weight (kg)
#12	Tie	3087.9	268	2741
#14	Tie	6810.3	668	8290
#18	Bar	65.8	0	121
#20	Bar	1386	116	3418
#22	Bar	2056.7	172	6157
#25	Bar	145.6	13	561
Columns Rebars Total Weight = 21219 kg (21.219 ton)				

ETABS MATE > 2 Columns Rebars Summary Report				
Rebar Size	Rebar Type	Length (m)	12m Bar Number	Weight (kg)
#12	Tie	8163.5	681	7848
#14	Tie	7470.8	683	8988
#20	Bar	940.5	79	2319
#22	Bar	1786.4	160	5561
#25	Bar	1410.6	118	6438
Columns Rebars Total Weight = 22991 kg (22.991 ton)				

ETABS MATE > 3 Columns Rebars Summary Report				
Rebar Size	Rebar Type	Length (m)	12m Bar Number	Weight (kg)
#12	Tie	4987.2	416	4428
#14	Tie	8281.6	681	10008
#20	Bar	1079.1	90	2681
#22	Bar	2362.6	197	7050
#25	Bar	544.6	46	2090
Columns Rebars Total Weight = 22845 kg (22.845 ton)				

ETABS MATE > 4 Columns Rebars Summary Report				
Rebar Size	Rebar Type	Length (m)	12m Bar Number	Weight (kg)
#12	Tie	4021	358	3070
#14	Tie	6880.5	674	8314
#20	Bar	1118.7	94	2750
#22	Bar	2206.3	184	6504
#25	Bar	404.7	34	1650
Columns Rebars Total Weight = 22786 kg (22.786 ton)				

ETABS MATE > 6 Columns Longitudinal Rebars Listofor							
Position Number	Rebar Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
5o	#22	505	15.1	78	1175.4		
6o	#22	500	14.9	14	208.9		
7o	#20	495	12.2	498	6079.3		
17o	#25	515	19.8	72	1428.8		
18o	#22	490	14.6	28	409.4		
19o	#18	470	9.4	14	131.4		
20o	#18	460	9.2	14	128.6		
27o	#25	525	20.2	86	1739.8		
33o	#18	465	9.3	14	130		
Columns Longitudinal Rebars Summation Values						732	9845 kg

ETABS MATE > 7 Columns Longitudinal Rebars Listofor							
Position Number	Rebar Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)	
5o	#22	505	15.1	78	1175.4		
6o	#22	500	14.9	28	417.8		
7o	#20	495	12.2	484	5908.4		
10o	#18	470	9.4	28	262.9		
20o	#18	460	9.2	14	128.6		
27o	#25	525	20.2	86	1739.8		
33o	#18	465	9.3	14	130		
Columns Longitudinal Rebars Summation Values						732	9785 kg

ETABS MATE > 8 Columns Longitudinal Rebars Listofor						
Position Number	Rebar Shape (Automatic)	Dia. (mm)	Length (m)	Weight (kg)	Number (nos)	Weight Total (kg)
5o	#22	505	15.1	32	482.2	
6o	#22	500	14.9	92	1372.7	
7o	#20	495	12.2	308	3759.9	
8o	#25	510	19.7	56	1100.5	
9o	#25	515	19.8	58	1151	
17o	#18	460	9.2	42	385.9	
27o	#25	525	20.2	86	1739.8	
28o	#20	485	12	14	167.5	
40o	#25	495	19.			