ETAB COLUMN R/F: TABULATION BY DECAPLOT SOFTWARE

Project: ETABS-Sample-Tower

Col. Mark	Memb. no.	Member Name	Starting level (m)	Size Zm (mm)	Size Ym (mm)	fck (N/mm2)	fy (N/mm2)	Cover (mm)	%age Ast reqd.	Ast reqd. (cm2)	Asv (cm2/m)	Links Dia.& Spa.	Gov. Load Case	Load Case Title	
C1	6952	C62-UBR	4.350	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
	6842	C62-LBR	0.000	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
															Max. 0.80%(22.8 Sq.cm), Min. 0.80%,(22.8 Sq.cm)
C2	6951	C61-UBR	4.350	380	750	40	500	40	0.80	22.8	9.315	-	0	-	
	6841	C61-LBR	0.000	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
															Max. 0.80%(22.8 Sq.cm), Min. 0.80%,(22.8 Sq.cm)
C3	428	C72-UBR	4.350	380	750	40	500	40	0.80	22.8	9.705	-	0	-	
	130	C72-LBR	0.000	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
															Max. 0.80%(22.8 Sq.cm), Min. 0.80%,(22.8 Sq.cm)
C4	429	C73-UBR	4.350	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
	131	C73-LBR	0.000	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
															Max. 0.80%(22.8 Sq.cm), Min. 0.80%,(22.8 Sq.cm)
C5	430	C74-UBR	4.350	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
	132	C74-LBR	0.000	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
															Max. 0.80%(22.8 Sq.cm), Min. 0.80%,(22.8 Sq.cm)
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.															
C17	4459	C38-TERRACE	94.550	550	550	30	500	40	0.95	28.6	6.096	-	0	-	
	5594	C38-25RF	91.400	550	550	30	500	40	0.81	24.5	6.096	-	0	-	
	4686	C38-24RF	88.250	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	5816	C38-23RF	85.100	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	4913	C38-22RF	81.950	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	6038	C38-21RF	78.800	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	5140	C38-20RF	75.650	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	6260	C38-19RF	72.500	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	5367	C38-18RF	69.350	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	6482	C38-17RF	66.200	550	550	30	500	40	0.80	24.2	6.096	-	0	-	
	2663	C38-16RF	63.050	550	550	35	500	40	0.80	24.2	6.096	-	0	-	
	3571	C38-15RF	59.900	550	550	35	500	40	0.80	24.2	6.096	-	0	-	
	2890	C38-14RF	56.750	550	550	35	500	40	0.80	24.2	6.096	-	0	-	
	3793	C38-13RF	53.600	550	550	35	500	40	0.85	25.6	6.096	-	0	-	
	3117	C38-12RF	50.450	550	550	35	500	40	1.11	33.5	6.096	-	0	-	
	4015	C38-11RF	47.300	550	550	35	500	40	1.39	42.2	6.096	-	0	-	
	3344	C38-10RF	44.150	550	550	35	500	40	1.66	50.3	6.096	-	0	-	
	4237	C38-9RF	41.000	550	550	35	500	40	1.96	59.3	6.096	-	0	-	
	1090	C38-8RF	37.850	550	550	40	500	40	1.73	52.3	6.096	-	0	-	
	1997	C38-7RF	34.700	550	550	40	500	40	2.07	62.5	6.096	-	0	-	
	1317	C38-6RF	31.550	550	550	40	500	40	2.48	75.0	6.096	-	0	-	
	2219	C38-5RF	28.400	550	550	40	500	40	2.83	85.5	6.096	-	0	-	
	1544	C38-4RF	25.250	550	550	40	500	40	3.24	98.1	6.096	-	0	-	
	2441	C38-3RF	22.100	550	550	40	500	40	3.65	110.3	6.096	-	0	-	
	1771	C38-2RF	18.950	550	550	40	500	40	4.06	122.7	6.096	-	0	-	Ast > 4 %
	866	C38-1RF	15.800	550	550	40	500	40	4.47	135.2	6.096	-	0	-	Ast > 4 %
	654	C38-GRF	9.500	650	650	40	500	40	2.18	92.2	7.205	-	0	-	
	336	C38-UBR	4.350	650	650	40	500	40	2.23	94.4	7.205	-	0	-	
	47	C38-LBR	0.000	650	650	40	500	40	2.55	107.6	7.205	-	0	-	
															Max. 4.47%(135.2 Sq.cm), Min. 0.80%,(24.2 Sq.cm)
C95	7000	C5-UBR	4.350	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
	6881	C5-LBR	0.000	380	750	40	500	40	0.80	22.8	8.313	-	0	-	
															Max. 0.80%(22.8 Sq.cm), Min. 0.80%,(22.8 Sq.cm)
.															
.															
.															
.															
.															
								Max.	5.69	172.3					
								Min.	0.80	11.6					

ETAB SHEAR WALL/ PIER R/F: TABULATION BY DECAPLOT SOFTWARE

Project: ETABS-Sample-Tower

S.No.	Pier Name	Storey Name	Starting level (m)	Size Along X (mm)	Size Along Y (mm)	%age Ast	Ast reqd. (cm2)	Asv reqd. (cm2/m)	Boundary Left (mm)	Boundary Right (mm)	
1	P1	TERRACE	94.550	550	230	2.36	29.85	8.82	230	230	Design Inadequate
		25RF	91.400	550	230	0.70	8.85	5.75	230	230	
		24RF	88.250	550	230	1.34	16.95	5.75	230	230	
		23RF	85.100	550	230	0.95	12.02	5.75	230	230	
		22RF	81.950	550	230	1.08	13.66	5.75	230	230	
		21RF	78.800	550	230	0.95	12.02	5.75	230	230	
		20RF	75.650	550	230	1.04	13.16	5.75	230	230	
		19RF	72.500	550	230	0.99	12.52	5.75	230	230	
		18RF	69.350	550	230	0.95	12.02	5.75	230	230	
		17RF	66.200	550	230	1.10	13.91	5.75	230	230	
		16RF	63.050	550	230	0.89	11.26	5.75	230	230	
		15RF	59.900	550	230	0.98	12.40	5.75	230	230	
		14RF	56.750	550	230	1.11	14.04	5.75	230	230	
		13RF	53.600	550	230	1.19	15.05	5.75	230	230	
		12RF	50.450	550	230	1.32	16.70	5.75	230	230	
		11RF	47.300	550	230	1.47	18.60	5.75	230	230	
		10RF	44.150	550	230	1.62	20.49	5.75	230	230	
		9RF	41.000	550	230	1.80	22.77	5.75	230	230	
		8RF	37.850	550	230	1.51	19.10	5.75	230	230	
		7RF	34.700	550	230	1.72	21.76	5.75	230	230	
		6RF	31.550	550	230	1.95	24.67	5.75	230	230	
		5RF	28.400	550	230	2.18	27.58	5.75	230	230	Design Inadequate
		4RF	25.250	550	230	2.45	30.99	5.75	230	230	Design Inadequate
		3RF	22.100	550	230	2.70	34.15	5.75	230	230	Design Inadequate
		2RF	18.950	550	230	2.97	37.57	5.75	230	230	Design Inadequate
		1RF	15.800	550	230	3.14	39.72	5.75	230	230	Design Inadequate
		GRF	9.500	550	380	1.29	26.96	9.50	0	0	
		UBR	4.350	550	380	1.04	21.74	9.50	0	0	
		LBR	0.000	550	380	0.79	16.51	9.50	0	0	
											Max. 3.14 % (39.72 Sq.cm), Min. 0.70 % (8.85 Sq.cm),
											Max. Asv 9.50 cm2/m, Min. Asv 5.75 cm2/m
2	P2	TERRACE	94.550	550	230	2.40	30.36	9.09	230	230	Design Inadequate
		25RF	91.400	550	230	0.64	8.10	5.75	230	230	
		24RF	88.250	550	230	1.35	17.08	5.75	230	230	
		23RF	85.100	550	230	0.87	11.01	5.75	230	230	
		22RF	81.950	550	230	0.99	12.52	5.75	230	230	
		21RF	78.800	550	230	0.87	11.01	5.75	230	230	
		20RF	75.650	550	230	0.89	11.26	5.75	230	230	
		19RF	72.500	550	230	0.87	11.01	5.75	230	230	
		18RF	69.350	550	230	0.98	12.40	5.75	230	230	
		17RF	66.200	550	230	1.06	13.41	5.75	230	230	
		16RF	63.050	550	230	0.87	11.01	5.75	230	230	
		15RF	59.900	550	230	0.95	12.02	5.75	230	230	
		14RF	56.750	550	230	1.06	13.41	5.75	230	230	
		13RF	53.600	550	230	1.15	14.55	5.75	230	230	
		12RF	50.450	550	230	1.28	16.19	5.75	230	230	
		11RF	47.300	550	230	1.42	17.96	5.75	230	230	
		10RF	44.150	550	230	1.59	20.11	5.75	230	230	
		9RF	41.000	550	230	1.76	22.26	5.75	230	230	
		8RF	37.850	550	230	1.49	18.85	5.75	230	230	
		7RF	34.700	550	230	1.64	20.75	5.75	230	230	
		6RF	31.550	550	230	1.94	24.54	5.75	230	230	
		5RF	28.400	550	230	2.17	27.45	5.75	230	230	Design Inadequate
		4RF	25.250	550	230	2.45	30.99	5.75	230	230	Design Inadequate
		3RF	22.100	550	230	2.72	34.41	5.75	230	230	Design Inadequate
		2RF	18.950	550	230	2.96	37.44	5.75	230	230	Design Inadequate
		1RF	15.800	550	230	3.21	40.61	5.75	0	230	Design Inadequate
		GRF	9.500	550	380	1.43	29.89	9.50	0	0	
		UBR	4.350	550	380	0.90	18.81	9.50	0	0	
		LBR	0.000	550	380	0.43	8.99	9.50	0	0	
											Max. 3.21 % (40.61 Sq.cm), Min. 0.43 % (8.10 Sq.cm),
											Max. Asv 9.50 cm2/m, Min. Asv 5.75 cm2/m
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.											
.											
.											
.											
					Max.	4.09	422.43	16.99			
					Min.	0.25	3.45	5.75			

ETAB BEAM R/F: TABULATION BY DECAPLOT SOFTWARE

Project: ETABS-Sample-Tower

fck = 25 N/mm2 fy = 500 N/mm2 Cover = 35 mm

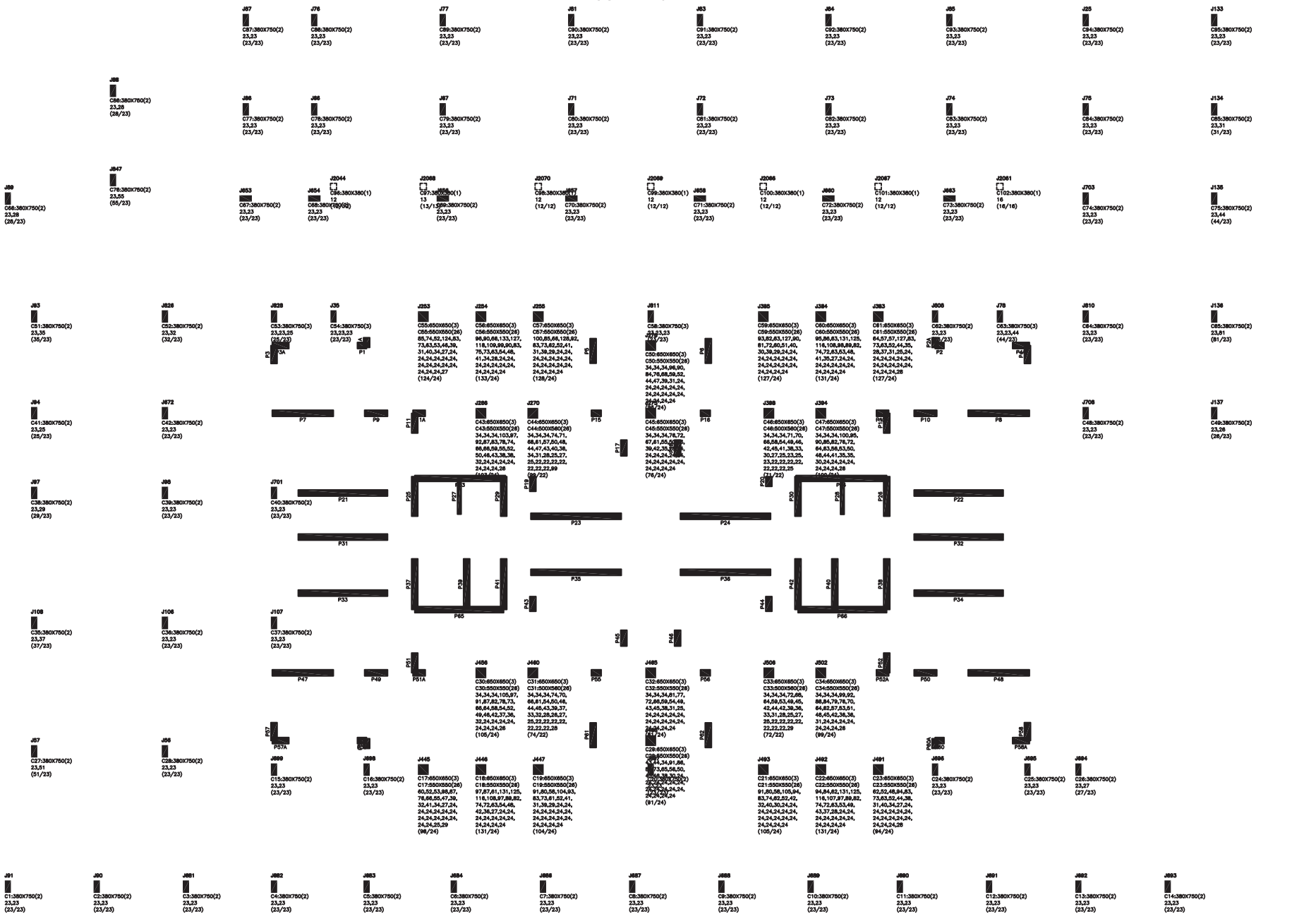
Lvl. 4.350m															
Member no.	6864:B141-LBR			6865:B142-LBR			203:B328-LBR			202:B327-LBR			201:B326-LBR		
Size (mm)	300 x 600			300 x 600			300 x 600			300 x 600			300 x 600		
Top Ast(cm2)	4.3	1.4	5.4	5.2	1.3	4.3	5.7	1.4	4.7	5.4	1.4	5.4	4.6	1.4	5.4
Bot.Ast(cm2)	1.8	4.7	2.7	2.6	4.7	2.1	2.8	4.3	2.3	2.7	5.0	2.7	2.3	4.3	2.7
Asv(cm2/m)	4.13	3.33	4.63	4.43	3.33	4.22	4.67	3.33	4.49	4.58	3.33	4.58	4.26	3.33	4.47

Lvl. 4.350m															
Member no.	197:B322-LBR			194:B319-LBR			193:B318-LBR			187:B312-LBR			188:B313-LBR		
Size (mm)	300 x 600			300 x 600			300 x 600			300 x 600			300 x 600		
Top Ast(cm2)	4.3	1.3	5.1	5.0	1.4	5.5	4.3	1.6	6.3	4.3	1.4	5.6	4.8	1.2	4.6
Bot.Ast(cm2)	2.1	4.5	2.5	2.5	4.5	2.7	2.0	4.5	3.2	1.9	4.5	2.8	2.4	4.5	2.3
Asv(cm2/m)	4.00	3.33	4.23	4.45	3.33	4.56	4.25	3.33	4.82	3.86	3.33	4.44	4.16	3.33	4.07

Lvl. 4.350m												
Member no.	189:B314-LBR			190:B315-LBR			191:B316-LBR			239:B12-LBR		
Size (mm)	300 x 600			300 x 600			300 x 600			300 x 600		
Top Ast(cm2)	5.9	1.5	4.3	6.8	1.7	4.3	4.3	1.1	4.3	4.3	4.3	4.3
Bot.Ast(cm2)	3.0	4.5	1.6	3.4	4.5	2.0	2.0	4.3	1.9	1.1	4.3	1.4
Asv(cm2/m)	4.59	3.33	3.68	5.09	3.33	4.53	3.80	3.33	3.78	3.33	3.33	3.33

Lvl. 4.350m												
Member no.	7020:B182-LBR			7019:B162-LBR			240:B146-LBR			241:B10-LBR		
Size (mm)	300 x 600			300 x 600			300 x 600			300 x 600		
Top Ast(cm2)	4.3	1.1	4.3	4.3	2.0	7.9	7.1	9.4	8.8	6.8	3.1	12.3
Bot.Ast(cm2)	4.3	7.6	4.3	4.3	5.6	4.0	3.6	2.4	4.4	3.4	4.8	6.1
Asv(cm2/m)	9.60	5.14	8.96	7.41	5.18	8.76	4.90	4.74	5.93	5.18	3.33	5.08

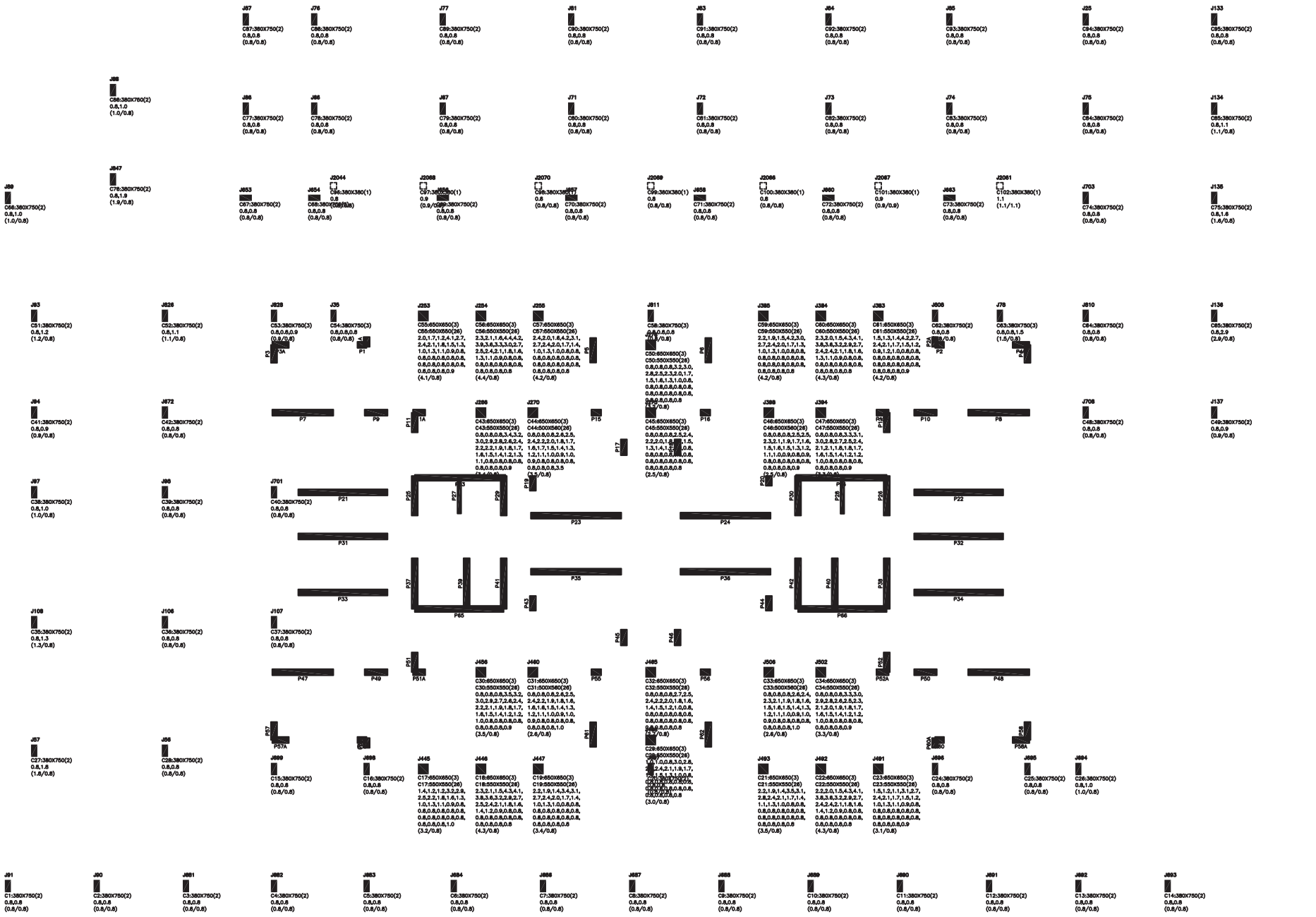
Lvl. 4.350m			
Member no.	6848:B92-LBR		
Size (mm)	300 x 600		
Top Ast(cm2)	24.0	13.4	27.1
Bot.Ast(cm2)	12.0	29.2	13.6
Asv(cm2/m)	17.50	10.68	17.53



PLAN SHOWING R/F OF ALL LEVELS

C INDICATES COLUMN GROUP & J INDICATES JOINT NO.
FIGURE IN BRACKETS AT THE END OF COLUMN SIZE INDICATE NO. OF LEVELS
FIGURES IN BRACKETS AT THE END OF SAGE ASTJOINTS INDICATE MAX. & MIN. SAGE AST
AST REQD. IN SQ.CM FROM BOTTOM TO TOP
SCALE 1:100

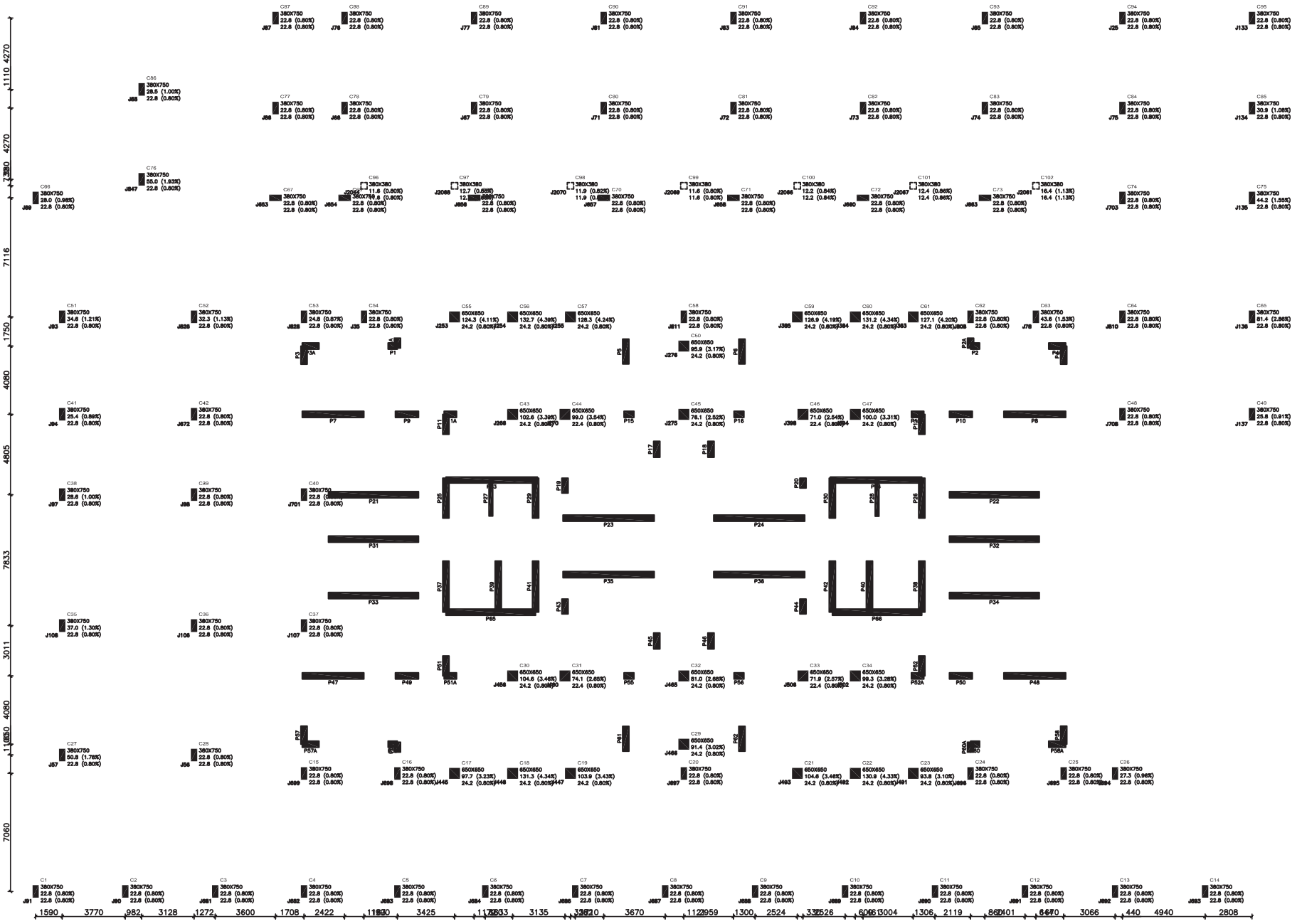
ETABS-SAMPLE-TOWER.E2K



PLAN SHOWING %AGE R/F OF ALL LEVELS

C INDICATES COLUMN GROUP & J INDICATES JOINT NO.
FIGURE IN BRACKETS AT THE END OF COLUMN SIZE INDICATE NO. OF LEVELS
FIGURES IN BRACKETS AT THE END OF %AGE AST INDICATE MAX. & MIN. %AGE AST
%AGE AST REQD. FROM BOTTOM TO TOP
SCALE 1:100

ETABS-SAMPLE-TOWER.E2K

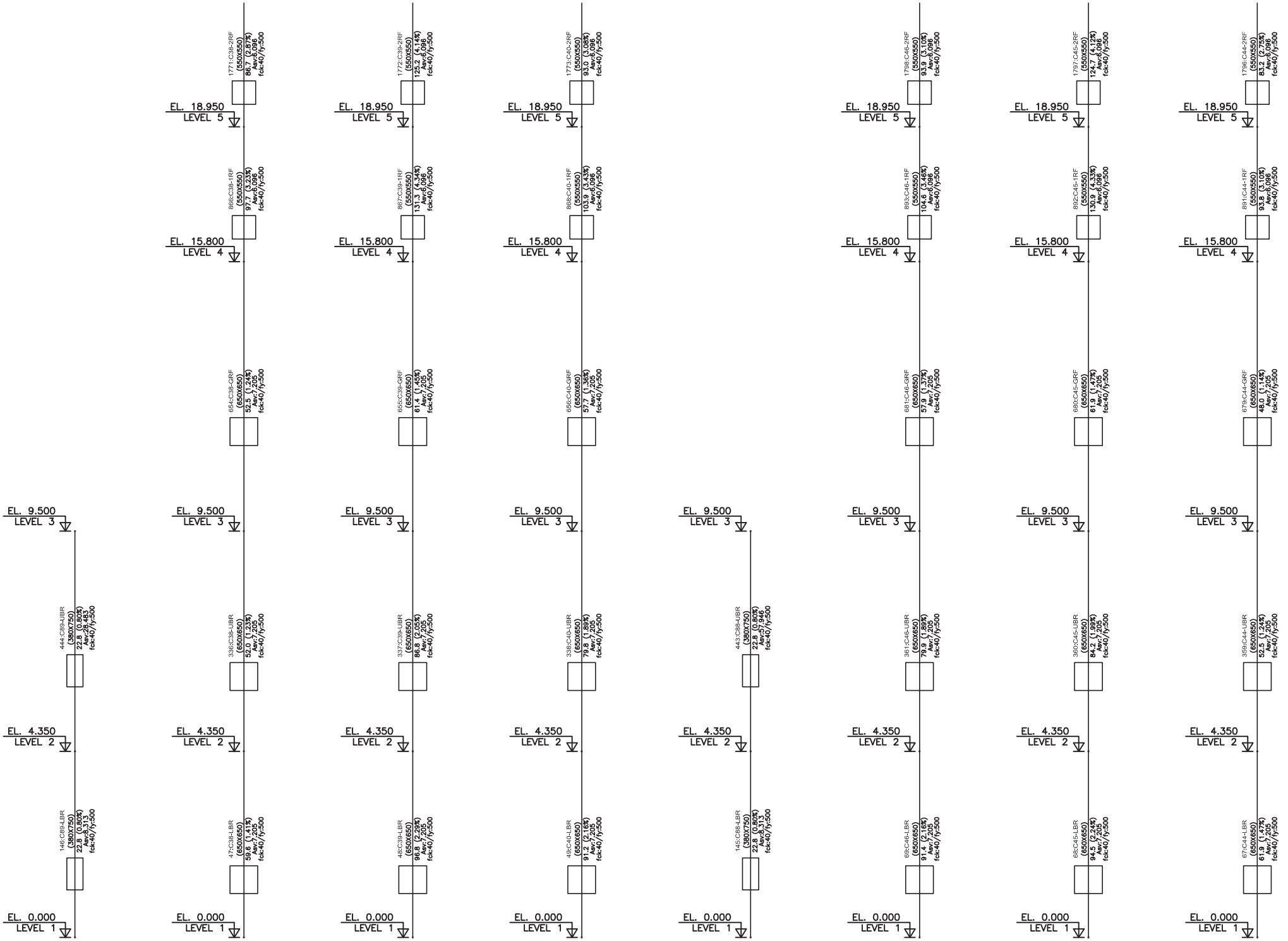


KEY PLAN SHOWING MAX. & MIN. R/F

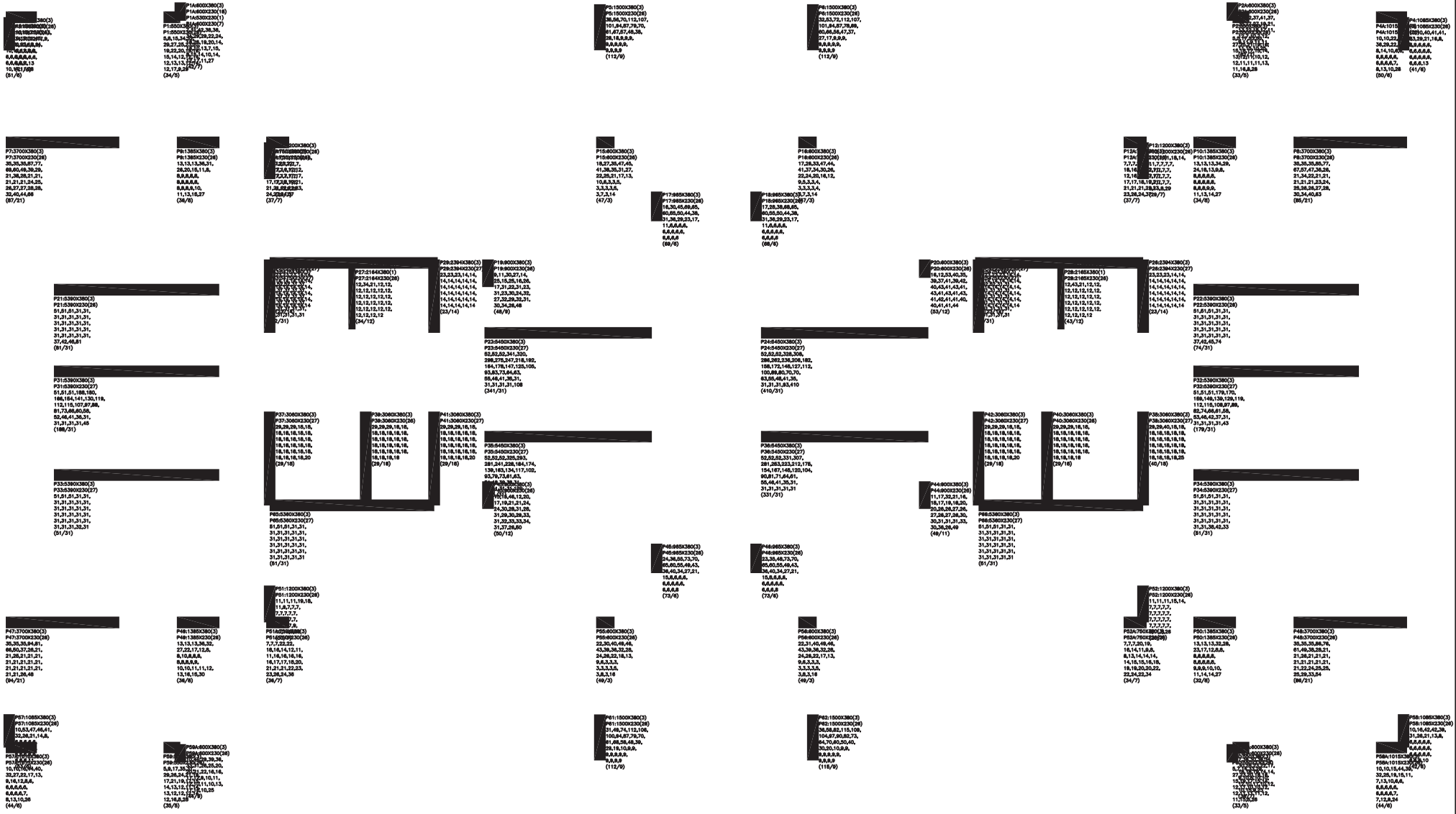
C INDICATES COLUMN GROUP & J INDICATES JOINT NO.
MAX. & MIN. AST REQD. IN SQ.CM
SCALE 1:100

COLUMN AST (SQ.CM):

LEVEL	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23
94.550																	29.5	24.2	24.2		24.2	24.2	28.2
91.400																	24.6	24.2	24.2		24.2	24.2	24.4
88.250																	24.2	24.2	24.2		24.2	24.2	24.2
85.100																	24.2	24.2	24.2		24.2	24.2	24.2
81.950																	24.2	24.2	24.2		24.2	24.2	24.2
78.800																	24.2	24.2	24.2		24.2	24.2	24.2
75.650																	24.2	24.2	24.2		24.2	24.2	24.2
72.500																	24.2	24.2	24.2		24.2	24.2	24.2
69.350																	24.2	24.2	24.2		24.2	24.2	24.2
66.200																	24.2	24.2	24.2		24.2	24.2	24.2
63.050																	24.2	24.2	24.2		24.2	24.2	24.2
59.900																	24.2	27.1	24.2		24.2	28.3	24.2
56.750																	24.2	35.5	24.2		24.2	36.6	24.2
53.600																	24.2	41.6	24.2		24.2	42.6	24.2
50.450																	24.2	48.0	24.2		24.2	48.7	24.2
47.300																	27.0	53.7	24.2		24.2	53.4	27.1
44.150																	33.8	63.2	29.3		30.2	62.8	34.0
41.000																	40.6	72.3	39.5		40.2	72.0	40.1
37.850																	31.6	74.3	31.2		32.1	74.0	30.9
34.700																	39.4	82.3	41.2		41.9	82.0	37.6
31.550																	47.2	89.2	51.8		52.4	88.9	44.3
28.400																	55.0	97.3	61.5		62.4	96.9	52.2
25.250																	66.2	108.0	73.4		74.0	107.5	62.8
22.100																	76.4	116.4	82.6		83.3	115.8	73.0
18.950																	86.7	125.2	93.0		93.9	124.7	83.2
15.800																	97.7	131.3	103.9		104.6	130.9	93.8
9.500																	52.5	61.4	57.7		57.9	61.9	48.0
4.350	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	52.0	86.8	79.8	22.8	79.9	84.2	52.5
0.000	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	59.6	96.8	91.2	22.8	91.4	94.5	61.9
LEVEL	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23


EL. 18.950
LEVEL 5
EL. 15.800
LEVEL 4
EL. 9.500
LEVEL 3
EL. 4.350
LEVEL 2
EL. 0.000
LEVEL 1
1771:C39-2RF (550X550) 86.7 (2.82%) Asv:6.098 fck:40/fy:500
866:C39-1RF (550X550) 97.7 (3.23%) Asv:6.098 fck:40/fy:500
654:C39-GRF (650X650) 52.5 (1.24%) Asv:7.205 fck:40/fy:500
396:C39-UBR (650X650) 52.0 (1.23%) Asv:7.205 fck:40/fy:500
47:C39-LBR (650X650) 58.8 (1.41%) Asv:7.205 fck:40/fy:500
444:C89-UBR (380X750) 22.8 (0.80%) Asv:28.483 fck:40/fy:500
146:C89-LBR (380X750) 22.8 (0.80%) Asv:8.313 fck:40/fy:500
1772:C39-2RF (550X550) 125.2 (4.14%) Asv:6.098 fck:40/fy:500
867:C39-1RF (550X550) 131.3 (4.34%) Asv:6.098 fck:40/fy:500
655:C39-GRF (650X650) 61.4 (1.45%) Asv:7.205 fck:40/fy:500
337:C39-UBR (650X650) 84.5 (2.05%) Asv:7.205 fck:40/fy:500
48:C39-LBR (650X650) 90.5 (2.23%) Asv:7.205 fck:40/fy:500
1773:C40-2RF (550X550) 93.0 (3.08%) Asv:6.098 fck:40/fy:500
868:C40-1RF (550X550) 103.9 (3.43%) Asv:6.098 fck:40/fy:500
656:C40-GRF (650X650) 57.7 (1.36%) Asv:7.205 fck:40/fy:500
338:C40-UBR (650X650) 79.8 (1.88%) Asv:7.205 fck:40/fy:500
49:C40-LBR (650X650) 91.2 (2.16%) Asv:7.205 fck:40/fy:500
443:C88-UBR (380X750) 22.8 (0.80%) Asv:28.483 fck:40/fy:500
145:C88-LBR (380X750) 22.8 (0.80%) Asv:8.313 fck:40/fy:500
1798:C46-2RF (550X550) 93.9 (3.10%) Asv:6.098 fck:40/fy:500
893:C46-1RF (550X550) 104.6 (3.46%) Asv:6.098 fck:40/fy:500
681:C46-GRF (650X650) 57.9 (1.37%) Asv:7.205 fck:40/fy:500
361:C46-UBR (650X650) 79.9 (1.89%) Asv:7.205 fck:40/fy:500
69:C46-LBR (650X650) 91.4 (2.16%) Asv:7.205 fck:40/fy:500
1797:C45-2RF (550X550) 124.7 (4.12%) Asv:6.098 fck:40/fy:500
892:C45-1RF (550X550) 130.9 (4.33%) Asv:6.098 fck:40/fy:500
680:C45-GRF (650X650) 61.9 (1.47%) Asv:7.205 fck:40/fy:500
360:C45-UBR (650X650) 84.2 (1.99%) Asv:7.205 fck:40/fy:500
68:C45-LBR (650X650) 94.5 (2.24%) Asv:7.205 fck:40/fy:500
1796:C44-2RF (550X550) 83.2 (2.75%) Asv:6.098 fck:40/fy:500
891:C44-1RF (550X550) 93.8 (3.10%) Asv:6.098 fck:40/fy:500
679:C44-GRF (650X650) 48.0 (1.14%) Asv:7.205 fck:40/fy:500
359:C44-UBR (650X650) 52.5 (1.24%) Asv:7.205 fck:40/fy:500
67:C44-LBR (650X650) 61.9 (1.47%) Asv:7.205 fck:40/fy:500
COL. C16
SCALE 1:50
COL. C17
SCALE 1:50
COL. C18
SCALE 1:50
COL. C19
SCALE 1:50
COL. C20
SCALE 1:50
COL. C21
SCALE 1:50
COL. C22
SCALE 1:50
COL. C23
SCALE 1:50

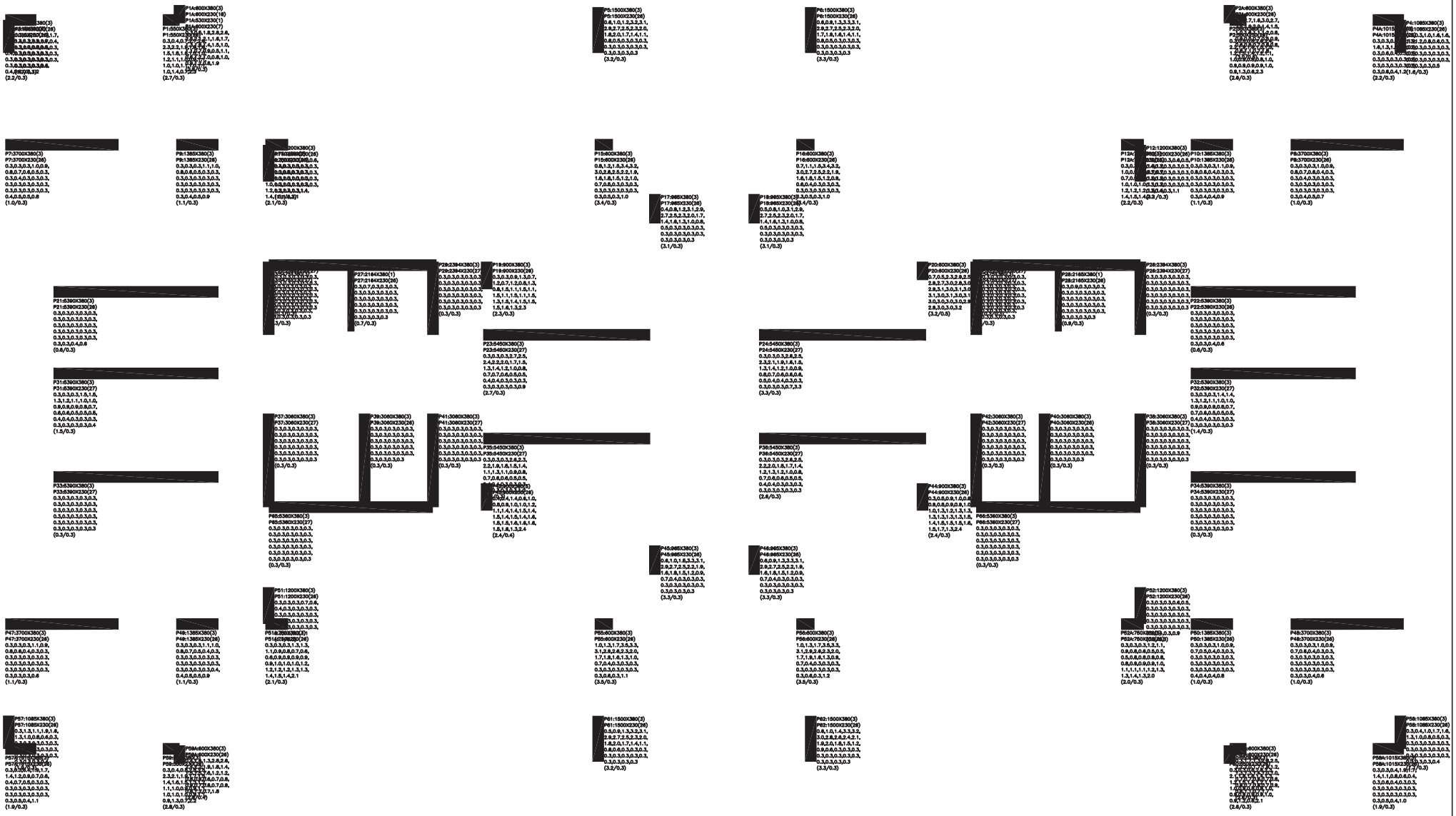
ETABS-SAMPLE-TOWER.E2K



PLAN SHOWING R/F OF ALL LEVELS

FIGURE IN BRACKETS AT THE END OF COLUMN SIZE INDICATE NO. OF LEVELS
FIGURES IN BRACKETS AT THE END OF AST INDICATE MAX. & MIN. AST
AST REQD. IN SQ.CM FROM BOTTOM TO TOP
SCALE 1:50

ETABS-SAMPLE-TOWER.E2K



PLAN SHOWING %AGE R/F OF ALL LEVELS

FIGURE IN BRACKETS AT THE END OF COLUMN SIZE INDICATE NO. OF LEVELS
FIGURES IN BRACKETS AT THE END OF SHAE ART INDICATE MIN. & MIN. SHAE ART
%AGE AST REQD. FROM BOTTOM TO TOP
SCALE 1:50

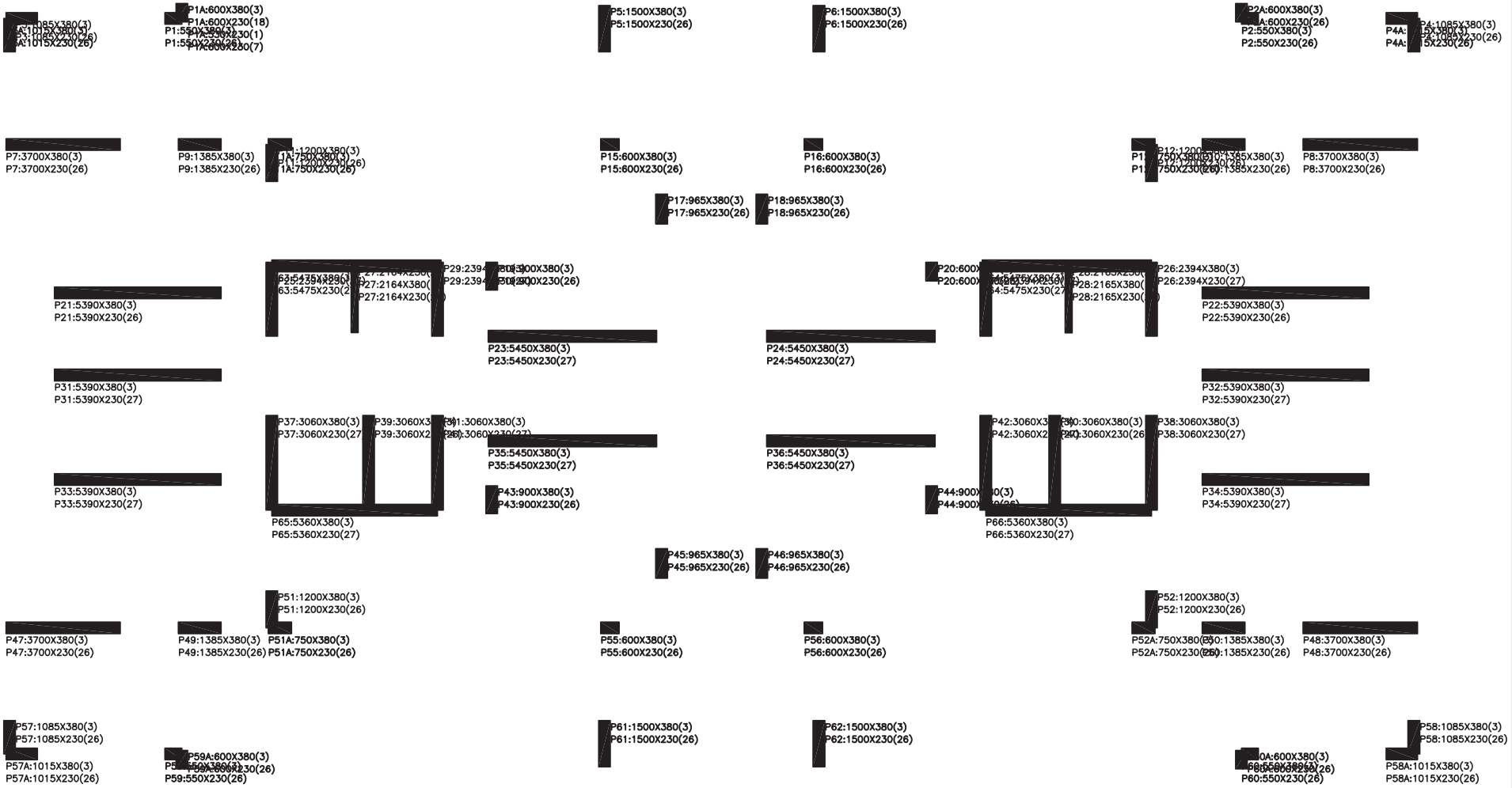
PIER AST (SQ.CM):

STORY NAME	LEVEL	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P15	P16	P17	P18	P19	P20	P21
MUM/MAC RF	97.700																			
TERRACE	94.550	28.59	28.46	12.98	12.73	8.63	9.32	65.53	62.97	27.40	27.40	29.26	29.26	13.52	13.52	5.77	5.55	48.23	44.02	80.58
25RF	91.400	8.98	8.22	6.99	6.24	8.63	8.63	44.25	40.00	14.65	14.33	8.56	8.28	3.45	3.45	5.55	5.55	26.29	40.71	45.87
24RF	88.250	17.08	16.32	6.24	6.24	8.63	8.63	40.00	34.04	13.38	13.38	11.59	11.32	7.45	7.18	5.55	5.55	33.95	40.85	42.15
23RF	85.100	12.14	11.13	6.24	6.24	8.63	8.63	32.34	29.78	11.15	11.15	9.38	9.11	3.45	3.45	5.55	5.55	30.43	40.30	37.19
22RF	81.950	13.91	12.65	6.24	6.24	8.63	8.63	28.08	28.08	9.56	9.24	6.90	6.90	4.55	4.14	5.55	5.55	30.84	40.30	30.99
21RF	78.800	12.14	11.26	6.24	6.24	8.63	8.63	28.08	27.23	8.60	8.60	7.18	7.18	3.45	3.45	5.55	5.55	31.88	40.85	30.99
20RF	75.650	13.41	11.38	6.24	6.24	8.63	8.63	27.23	26.38	7.96	7.96	6.90	6.90	3.45	3.45	5.55	5.55	29.19	40.71	30.99
19RF	72.500	12.78	11.26	6.24	6.24	8.63	8.63	27.23	26.38	7.96	7.96	6.90	6.90	3.45	3.45	5.55	5.55	31.67	41.95	30.99
18RF	69.350	12.27	11.64	6.24	6.24	8.63	8.63	25.53	24.68	7.96	7.96	6.90	6.90	3.45	3.45	5.55	5.55	26.91	41.26	30.99
17RF	66.200	14.29	12.40	6.24	6.24	8.63	8.63	24.68	23.83	7.96	7.96	6.90	6.90	4.69	4.14	5.55	5.55	31.88	42.64	30.99
16RF	63.050	11.51	9.61	6.24	6.24	8.63	8.63	23.83	22.98	7.96	7.96	6.90	6.90	3.45	3.45	5.55	5.55	23.60	41.40	30.99
15RF	59.900	12.40	10.50	6.24	6.24	8.63	8.63	21.27	21.27	7.96	7.96	6.90	6.90	3.45	3.45	5.55	5.55	30.22	42.78	30.99
14RF	56.750	13.79	11.89	6.24	6.24	17.94	17.25	21.27	21.27	7.96	7.96	6.90	6.90	6.49	5.38	5.55	5.55	23.18	41.40	30.99
13RF	53.600	14.93	13.03	6.24	6.24	27.60	26.91	21.27	21.27	7.96	7.96	6.90	6.90	9.80	8.83	11.10	10.88	30.84	43.06	30.99
12RF	50.450	16.44	14.29	6.24	6.24	37.60	36.92	21.27	21.27	7.96	7.96	6.90	6.90	13.25	12.42	17.09	16.87	22.77	41.26	30.99
11RF	47.300	18.34	15.31	6.24	6.24	47.61	46.58	21.27	21.27	7.96	7.96	6.90	6.90	16.97	16.42	23.30	23.08	31.05	43.06	30.99
10RF	44.150	20.37	17.08	6.24	6.24	57.27	56.23	28.08	22.13	7.96	7.96	6.90	6.90	20.84	20.42	29.30	29.30	21.94	40.85	30.99
9RF	41.000	22.26	18.34	10.48	8.73	67.28	66.24	38.29	34.04	8.60	7.96	6.90	6.90	24.84	24.43	35.51	35.51	30.64	42.64	30.99
8RF	37.850	18.72	14.93	6.24	6.24	60.72	59.68	21.27	21.27	7.96	7.96	6.90	6.90	22.49	21.94	31.29	31.07	16.77	39.74	30.99
7RF	34.700	20.49	16.07	9.48	8.24	70.38	69.35	28.93	25.53	7.96	7.96	6.90	6.90	26.77	26.22	37.73	37.51	25.88	41.81	30.99
6RF	31.550	22.64	18.98	17.47	16.22	79.00	78.31	39.15	35.74	10.51	8.60	6.90	6.90	30.77	30.22	44.17	43.95	15.73	38.64	30.99
5RF	28.400	24.54	20.75	22.46	20.96	86.94	86.60	49.36	46.81	15.29	13.38	6.90	6.90	34.50	33.95	49.94	49.94	24.63	40.99	30.99
4RF	25.250	27.32	24.54	30.69	28.95	93.84	93.84	59.57	57.02	20.07	18.48	6.90	6.90	38.09	37.40	55.49	55.49	15.32	36.57	30.99
3RF	22.100	28.97	27.20	34.44	32.69	100.74	100.74	68.93	67.23	25.80	24.21	11.87	11.04	41.40	40.71	60.37	60.37	24.84	39.47	30.99
2RF	18.950	32.38	30.11	42.92	40.68	106.95	106.95	77.44	76.59	30.90	28.99	15.46	14.08	44.57	43.75	64.81	64.81	13.87	34.50	30.99
1RF	15.800	33.65	33.27	43.42	40.68	111.78	112.13	86.80	85.10	35.68	34.08	19.04	17.66	47.33	46.51	68.58	68.36	26.70	40.43	30.99
GRF	9.500	14.84	16.51	70.50	40.41	69.54	71.82	35.15	35.15	13.16	13.16	11.40	11.40	34.88	33.06	45.47	37.77	29.75	53.35	51.20
UBR	4.350	7.94	5.22	10.31	10.31	55.86	53.01	35.15	35.15	13.16	13.16	11.40	11.40	26.90	25.54	29.70	27.50	11.29	11.86	51.20
LBR	0.000	5.22	5.22	10.31	10.31	34.77	31.92	35.15	35.15	13.16	13.16	11.40	11.40	17.78	16.64	15.77	17.23	8.55	15.96	51.20
STORY NAME	LEVEL	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P15	P16	P17	P18	P19	P20	P21

PIER %AGE R/F:

STORY NAME	LEVEL	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P15	P16	P17	P18	P19	P20	P21
MUM/MAC RF	97.700																			
TERRACE	94.550	2.26	2.25	0.52	0.51	0.25	0.27	0.77	0.74	0.86	0.86	1.06	1.06	0.98	0.98	0.26	0.25	2.33	3.19	0.65
25RF	91.400	0.71	0.65	0.28	0.25	0.25	0.25	0.52	0.47	0.46	0.45	0.31	0.30	0.25	0.25	0.25	0.25	1.27	2.95	0.37
24RF	88.250	1.35	1.29	0.25	0.25	0.25	0.25	0.47	0.40	0.42	0.42	0.42	0.41	0.54	0.52	0.25	0.25	1.64	2.96	0.34
23RF	85.100	0.96	0.88	0.25	0.25	0.25	0.25	0.38	0.35	0.35	0.35	0.34	0.33	0.25	0.25	0.25	0.25	1.47	2.92	0.30
22RF	81.950	1.10	1.00	0.25	0.25	0.25	0.25	0.33	0.33	0.30	0.29	0.25	0.25	0.33	0.30	0.25	0.25	1.49	2.92	0.25
21RF	78.800	0.96	0.89	0.25	0.25	0.25	0.25	0.33	0.32	0.27	0.27	0.26	0.26	0.25	0.25	0.25	0.25	1.54	2.96	0.25
20RF	75.650	1.06	0.90	0.25	0.25	0.25	0.25	0.32	0.31	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.41	2.95	0.25
19RF	72.500	1.01	0.89	0.25	0.25	0.25	0.25	0.32	0.31	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.53	3.04	0.25
18RF	69.350	0.97	0.92	0.25	0.25	0.25	0.25	0.30	0.29	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.30	2.99	0.25
17RF	66.200	1.13	0.98	0.25	0.25	0.25	0.25	0.29	0.28	0.25	0.25	0.25	0.25	0.34	0.30	0.25	0.25	1.54	3.09	0.25
16RF	63.050	0.91	0.76	0.25	0.25	0.25	0.25	0.28	0.27	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.14	3.00	0.25
15RF	59.900	0.98	0.83	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.46	3.10	0.25
14RF	56.750	1.09	0.94	0.25	0.25	0.52	0.50	0.25	0.25	0.25	0.25	0.25	0.25	0.47	0.39	0.25	0.25	1.12	3.00	0.25
13RF	53.600	1.18	1.03	0.25	0.25	0.80	0.78	0.25	0.25	0.25	0.25	0.25	0.25	0.71	0.64	0.50	0.49	1.49	3.12	0.25
12RF	50.450	1.30	1.13	0.25	0.25	1.09	1.07	0.25	0.25	0.25	0.25	0.25	0.25	0.96	0.90	0.77	0.76	1.10	2.99	0.25
11RF	47.300	1.45	1.21	0.25	0.25	1.38	1.35	0.25	0.25	0.25	0.25	0.25	0.25	1.23	1.19	1.05	1.04	1.50	3.12	0.25
10RF	44.150	1.61	1.35	0.25	0.25	1.66	1.63	0.33	0.26	0.25	0.25	0.25	0.25	1.51	1.48	1.32	1.32	1.06	2.96	0.25
9RF	41.000	1.76	1.45	0.42	0.35	1.95	1.92	0.45	0.40	0.27	0.25	0.25	0.25	1.80	1.77	1.60	1.60	1.48	3.09	0.25
8RF	37.850	1.48	1.18	0.25	0.25	1.76	1.73	0.25	0.25	0.25	0.25	0.25	0.25	1.63	1.59	1.41	1.40	0.81	2.88	0.25
7RF	34.700	1.62	1.27	0.38	0.33	2.04	2.01	0.34	0.30	0.25	0.25	0.25	0.25	1.94	1.90	1.70	1.69	1.25	3.03	0.25
6RF	31.550	1.79	1.50	0.70	0.65	2.29	2.27	0.46	0.42	0.33	0.27	0.25	0.25	2.23	2.19	1.99	1.98	0.76	2.80	0.25
5RF	28.400	1.94	1.64	0.90	0.84	2.52	2.51	0.58	0.55	0.48	0.42	0.25	0.25	2.50	2.46	2.25	2.25	1.19	2.97	0.25
4RF	25.250	2.16	1.94	1.23	1.16	2.72	2.72	0.70	0.67	0.63	0.58	0.25	0.25	2.76	2.71	2.50	2.50	0.74	2.65	0.25
3RF	22.100	2.29	2.15	1.38	1.31	2.92	2.92	0.81	0.79	0.81	0.76	0.43	0.40	3.00	2.95	2.72	2.72	1.20	2.86	0.25
2RF	18.950	2.56	2.38	1.72	1.63	3.10	3.10	0.91	0.90	0.97	0.91	0.56	0.51	3.23	3.17	2.92	2.92	0.67	2.50	0.25
1RF	15.800	2.66	2.63	1.74	1.63	3.24	3.25	1.02	1.00	1.12	1.07	0.69	0.64	3.43	3.37	3.09	3.08	1.29	2.93	0.25
GRF	9.500	0.71	0.79	1.71	0.98	1.22	1.26	0.25	0.25	0.25	0.25	0.25	0.25	1.53	1.45	1.24	1.03	0.87	2.34	0.25
UBR	4.350	0.38	0.25	0.25	0.25	0.98	0.93	0.25	0.25	0.25	0.25	0.25	0.25	1.18	1.12	0.81	0.75	0.33	0.52	0.25
LBR	0.000	0.25	0.25	0.25	0.25	0.61	0.56	0.25	0.25	0.25	0.25	0.25	0.25	0.78	0.73	0.43	0.47	0.25	0.70	0.25
STORY NAME	LEVEL	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P15	P16	P17	P18	P19	P20	P21

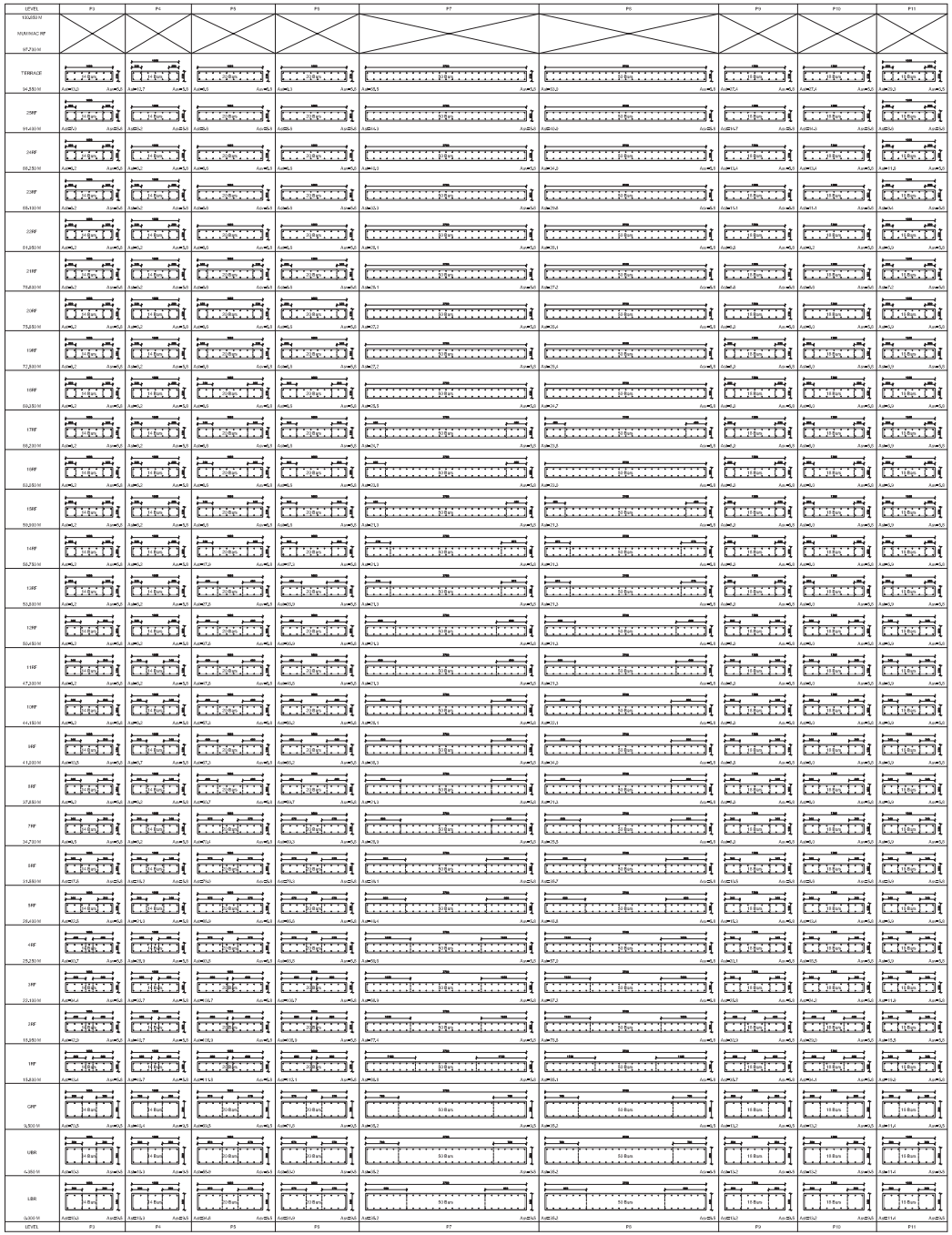
SWDRG.E2K



KEY PLAN SHOWING SHEAR WALLS/ PIERS

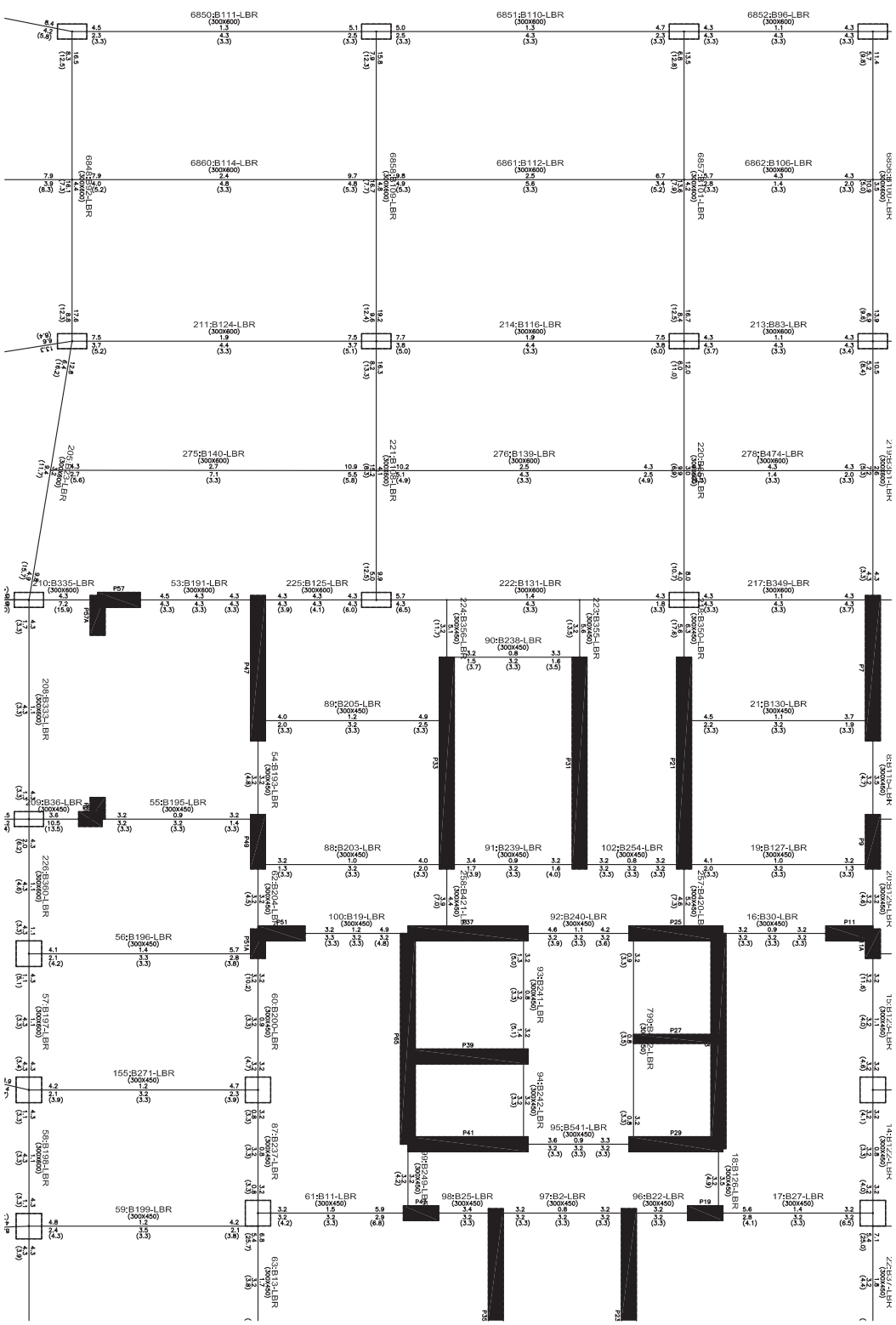
FIGURE IN BRACKETS AT THE END OF COLUMN SIZE INDICATE NO. OF LEVELS

SCALE 1:100



PLAN SHOWING SHEAR WALL, BOUNDARY ZONES & Ast/Asv

Ast in Sq.cm & Asv in Sq.cm/m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6851;B110-LBR (300X600)
6852;B96-LBR (300X600)
6860;B114-LBR (300X600)
6861;B112-LBR (300X600)
6862;B106-LBR (300X600)
211;B124-LBR (300X600)
214;B116-LBR (300X600)
213;B83-LBR (300X600)
275;B140-LBR (300X600)
276;B139-LBR (300X600)
278;B474-LBR (300X600)
210;B335-LBR (300X600)
53;B191-LBR (300X600)
225;B125-LBR (300X600)
222;B131-LBR (300X600)
217;B349-LBR (300X600)
224;B356-LBR (300X450)
223;B355-LBR (300X450)
223;B350-LBR (300X450)
90;B238-LBR (300X450)
89;B205-LBR (300X450)
21;B130-LBR (300X450)
54;B193-LBR (300X450)
55;B195-LBR (300X450)
109;B36-LBR (300X450)
88;B203-LBR (300X450)
91;B239-LBR (300X450)
102;B254-LBR (300X450)
19;B127-LBR (300X450)
226;B360-LBR (300X600)
92;B204-LBR (300X450)
228;B421-LBR (300X450)
227;B420-LBR (300X450)
100;B19-LBR (300X450)
92;B240-LBR (300X450)
16;B30-LBR (300X450)
56;B196-LBR (300X450)
57;B197-LBR (300X600)
60;B200-LBR (300X450)
93;B241-LBR (300X450)
799;B242-LBR (300X450)
155;B271-LBR (300X450)
94;B243-LBR (300X450)
87;B237-LBR (300X450)
95;B541-LBR (300X450)
58;B198-LBR (300X600)
249;B249-LBR (300X450)
18;B126-LBR (300X450)
61;B11-LBR (300X450)
98;B25-LBR (300X450)
97;B2-LBR (300X450)
96;B22-LBR (300X450)
17;B27-LBR (300X450)
59;B199-LBR (300X450)
63;B13-LBR (300X450)
P57
P57A
P47
P33
P31
P21
P7
P49
P9
P51
P51A
P37
P25
P11
P1A
P60
P39
P27
P41
P29
P19
P23
P35