ANALYSIS DATA

Analysis Type	Double Deck General analysis
Measurement system	Metric
Losses (%)	5.00

BUILDING DATA

Floor Name	Floor Height (m)	No of people	Area (m²)	Area/person	Entrance Floor
Level 1	3.60	0	-	-	Yes
Level 2	3.60	0	-	-	Yes
Level 3	3.60	130	-	-	No
Level 4	3.60	130	-	-	No
Level 5	3.60	130	-	-	No
Level 6	3.60	130	-	-	No
Level 7	3.60	130	-	-	No
Level 8	3.60	130	-	-	No
Level 9	3.60	130	-	-	No
Level 10	3.60	130	-	-	No
Level 11	3.60	130	-	-	No
Level 12	3.60	130	-	-	No
Level 13	3.60	130	-	-	No
Level 14	3.60	130	-	-	No
Level 15	3.60	130	-	-	No
Level 16	3.60	130	-	-	No
Level 17	3.60	130	-	-	No
Level 18	3.60	130	-	-	No
Level 19	3.60	130	-	-	No
Level 20		130	-	-	No

Absenteeism (%)	0.00

ELEVATOR DATA

No of Elevators	SELECT	Min: 4	Max: 8
Type	Double Deck		
Capacity (kg)	SELECT	Min: 1000	Max: 1600
Car area (m²)	AUTO		
Door Pre-opening Time (s)	AUTO		
Door Open Time (s)	AUTO		
Door Close Time (s)	AUTO		
Speed (m/s)	SELECT	Min: 2.50	Max: 5.00
Acceleration (m/s²)	AUTO		
Jerk (m/s³)	AUTO		
Start Delay (s)	0.50		
Levelling Delay (s)	0.00		
Home Floor	Level 1		

PASSENGER DATA

Demand (% pop per 5 mins)	12.00
Incoming (%)	100.00
Outgoing (%)	0.00
Interfloor (%)	0.00
Passenger Mass (kg)	75
Passenger Area (m²)	0.21
Loading Time (s)	1.20
Unloading Time (s)	1.20
Stair Factor (%)	0.00

Floor Name	Entrance Bias
Level 1	100.00
Level 2	

DOUBLE DECK GENERAL ANALYSIS RESULTS (SUMMARY)

discarding results where interval is greater than 30.0s
discarding results where capacity factor by mass is greater than 80.0%
discarding results where capacity factor by area is greater than 80.0%

No. of Elevators	Speed (m/s)	Acceln (m/s^2)	Jerk (m/s^3)	Elevator Capacity (kg)	Door Type	Door Times Pre-Open,Open, Close (s)	Prob No of Stops	Lowest Reversal Floor	Highest Reversal Floor	Interval (s)	Capacity Factor by Mass (%)	Capacity Factor by Area (%)	Figure of Merit (%)
6	3.15	1.00	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	9.5	1.0	18.9	27.4	61.0	75.5	65.3
6	5.00	1.20	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	9.3	1.0	18.8	25.0	55.6	68.9	61.7
7	2.50	0.80	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	9.3	1.0	18.8	24.0	53.5	66.3	60.2
7	3.15	1.00	1.60	1275	CO 1100mm	0.00, 1.80, 2.90	9.1	1.0	18.8	22.0	60.6	74.6	57.0
7	3.15	1.00	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	9.1	1.0	18.8	22.0	49.0	60.8	57.0
7	5.00	1.20	1.60	1275	CO 1100mm	0.00, 1.80, 2.90	8.9	1.0	18.7	19.9	54.8	67.5	53.5
7	5.00	1.20	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	8.9	1.0	18.7	19.9	44.4	55.0	53.5
8	2.50	0.80	1.60	1275	CO 1100mm	0.00, 1.80, 2.90	8.9	1.0	18.7	19.9	54.8	67.4	53.5
8	2.50	0.80	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	8.9	1.0	18.7	19.9	44.3	54.9	53.5
8	3.15	1.00	1.60	1000	CO 1100mm	0.00, 1.80, 2.90	8.6	1.0	18.6	18.1	65.2	74.2	50.4
8	3.15	1.00	1.60	1275	CO 1100mm	0.00, 1.80, 2.90	8.6	1.0	18.6	18.1	49.9	61.4	50.4
8	3.15	1.00	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	8.6	1.0	18.6	18.1	40.4	50.0	50.4
8	5.00	1.20	1.60	1000	CO 1100mm	0.00, 1.80, 2.90	8.3	1.0	18.5	16.3	58.5	66.5	47.1
8	5.00	1.20	1.60	1275	CO 1100mm	0.00, 1.80, 2.90	8.3	1.0	18.5	16.3	44.7	55.1	47.1
8	5.00	1.20	1.60	1600	CO 1100mm	0.00, 1.80, 2.90	8.3	1.0	18.5	16.3	36.2	44.8	47.1