

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				
Level 4	3.60				
Level 5	3.60				
Level 6	3.60				
Level 7	3.60				
Level 8	3.60				
Level 9	3.60				
Level 10	3.60				
Level 11	3.60				
Level 12	3.60				
Level 13	3.60				
Level 14	3.60				
Level 15	3.60				
Level 16	3.60				
Level 17	3.60				
Level 18	3.60				
Level 19	3.60				
Level 20	3.60				
Level 21	3.60				
Level 22	3.60				
Level 23	3.60				
Level 24	3.60				
Level 25	3.60				
Level 26	3.60				
Level 27	3.60				
Level 28	3.60				
Level 29	3.60				
Level 30	3.60				
Level 31	3.60				
Level 32	3.60				
Level 33	3.60				
Level 34	3.60				
Level 35	3.60				
Level 36	3.60				
Level 37	3.60				
Level 38	3.60				
Level 39	3.60				
Level 40	3.60				
Level 41	3.60				
Level 42	3.60				
Level 43	3.60				
Level 44	3.60				
Level 45	3.60				
Level 46	3.60				
Level 47	3.60				
Level 48	3.60				
Level 49	3.60				
Level 50	3.60				
Level 51	3.60				
Level 52	3.60				
Level 53	3.60				
Level 54	3.60				
Level 55	3.60				
Level 56	3.60				
Level 57	3.60	2340	-	-	No
Level 58	3.60	2340	-	-	No

Express Zone  
Lowest floor not served by elevators Level 3  
Highest floor not served by elevators Level 56

Absenteeism (%)	0.00
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ELEVATOR DATA

No of Elevators	SELECT	Min: 6	Max: 8
Type	Double Deck		
Capacity (kg)	SELECT	Min: 1600	Max: 2000
Car area (m²)	AUTO		
Door Pre-opening Time (s)	AUTO		
Door Open Time (s)	AUTO		
Door Close Time (s)	AUTO		
Speed (m/s)	SPECIFIED	7.00	
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)	15.00
Incoming (%)	100.00
Outgoing (%)	0.00
Interfloor (%)	0.00
Passenger Mass (kg)	75
Passenger Area (m²)	0.21
Loading Time (s)	0.80
Unloading Time (s)	0.80
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/s²)	Jerk (m/s³)	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 (%)
8	7.00	1.50	1.60	2000	CO 1100mm	0.00, 1.80, 2.90	2.0	1.0	3.0	13.4	60.0	78.0	100.0