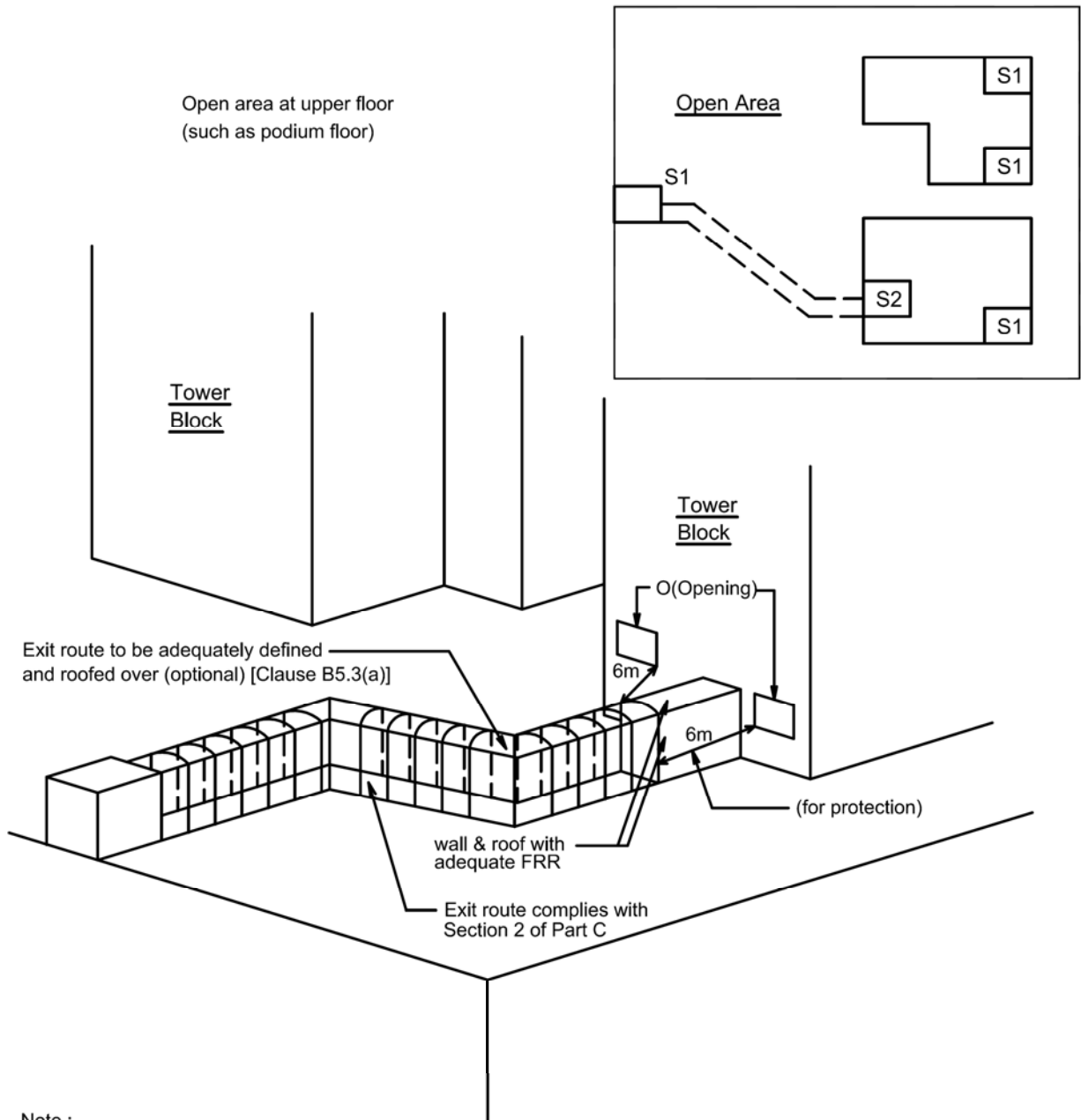


Diagram B1: Required Staircase Leading to an Open Area at Upper Floor



Note :

The exit route across the open area should be designed and constructed as if it is part of the protected exit.

Remarks:

S1 - staircase leading to ultimate place of safety

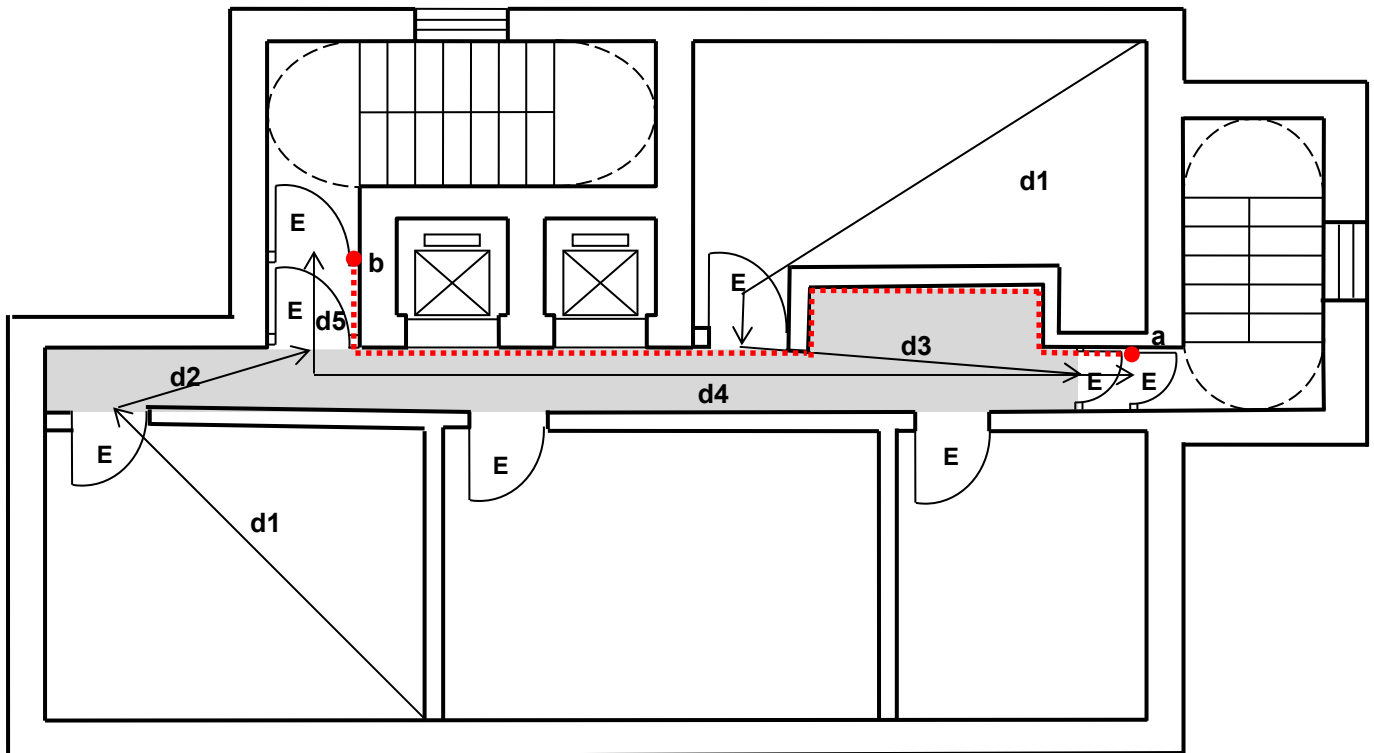
S2 - staircase discharging to open area at upper floor level (e.g. podium floor)

O - opening not protected by fixed light [See Part C]


## Diagram B2 : Internal Corridor Access

Example (a):

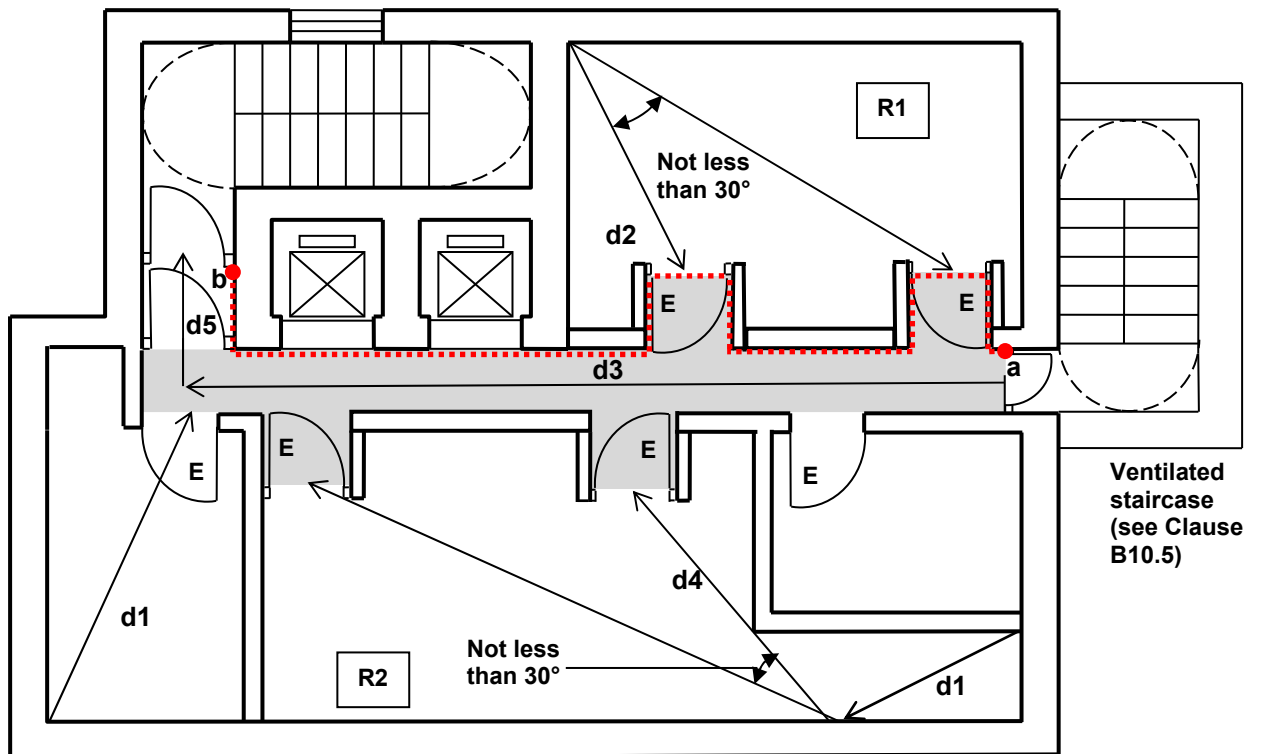
Travel distance requirements for Use Classifications 1 and 2



Notes:

	Protected corridor	
E	Exit door with required FRR	See Clause C7.4
d1+d2	Deadend travel distance	d1: Max. 24m, see Clauses B11.2(a)(i) and B11.7 d2: Max. 15m, see Clauses B11.2(a)(ii) and B11.7
d3	Maximum travel distance	Max. 24m, see Clause B11.3(a)(i)
d4 + d5	Maximum separation between 2 required staircases	Max. 48m, see Clause B11.3(b) (Applicable to all Use Classifications)
a...b or d4+ d5 whichever the less	Minimum separation between 2 required staircases	Min. 6m, see Clause B10.2(b) (Applicable to all Use Classifications)

Example (b):  
Travel distance requirements for Use Classifications 3 to 8



Notes:


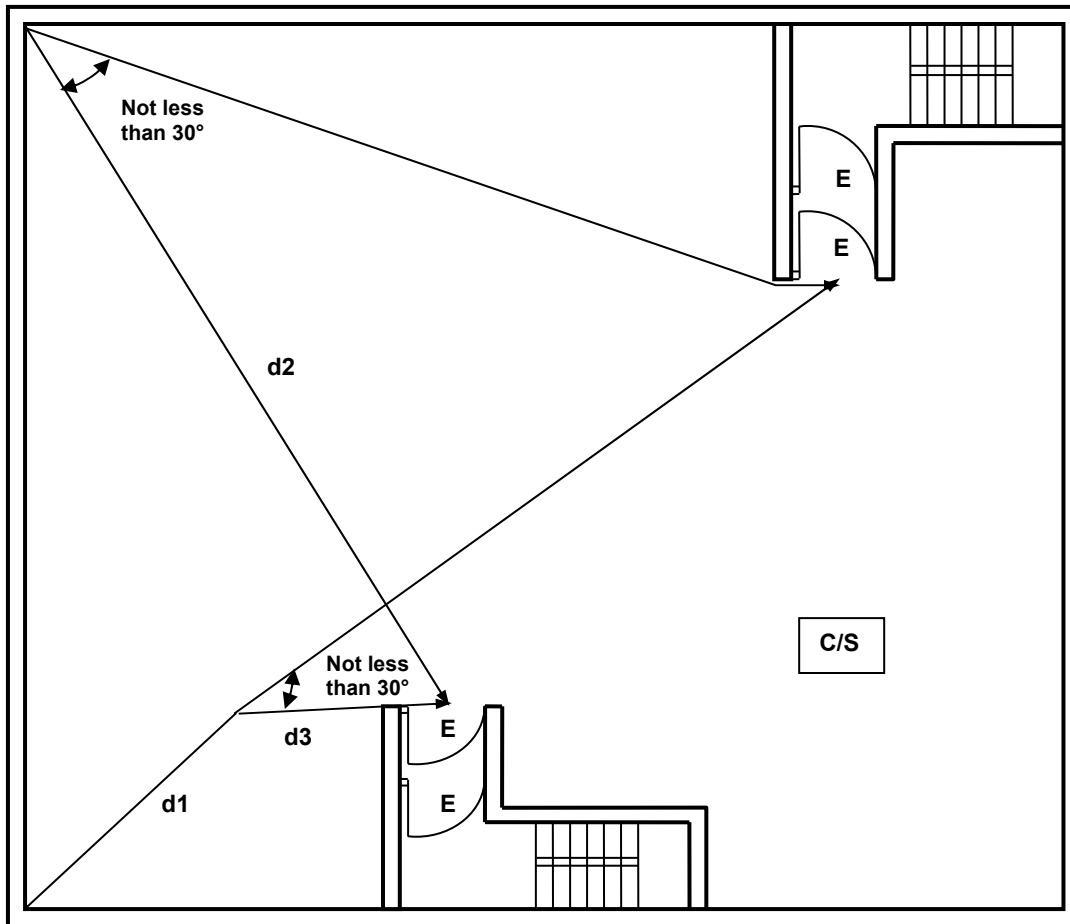
	Protected corridor	
E	Exit door with required FRR	See Clause C7.4
d1	Deadend travel distance	See Clauses B11.2(b)(i) & (c)(i), and B11.7
d2	Maximum travel distance	See Clauses B11.3(a)(ii) & (iii), B11.6 and B11.7
d1 + d4 in R2	Maximum travel distance	See Clauses B11.3(a)(ii)&(iii), B11.6 and B11.7
d3 + -d5	Maximum separation between 2 required staircases	Max. 48m, see Clause B11.3(b) (Applicable to all Use Classifications)
a ●-●-● b or d3+ d5 whichever the less	Minimum separation between 2 required staircases	Min. 6m, see Clause B10.2(b) (Applicable to all Use Classifications)
R1 and R2	Rooms required to be provided with 2 exit doors	See Clause B11.6

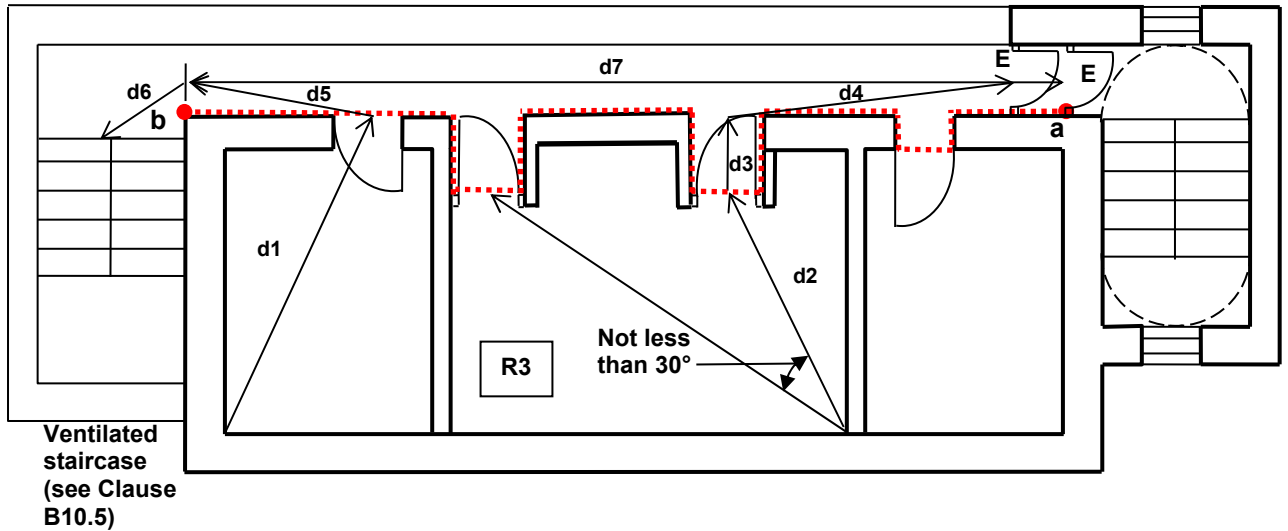
Diagram B3: Open Plan Layout for Use Classifications 3 to 8



Notes:

E	Exit door with required FRR	See Clause B10.4(b)
d1	Deadend travel distance	See Clauses B11.2(b)(i) & (c)(i) and B11.7
d2	Travel distance based on two exits being available	See Clauses B11.3(a)(ii)&(iii), B11.6 and B11.7
d1 + d3	Travel distance based on a point of choice being available	See Clauses B11.3(a)(ii)&(iii) B11.6 and B11.7
C/S	Fire compartment or storey required to be provided with 2 exit doors	See Clause B11.6(b)

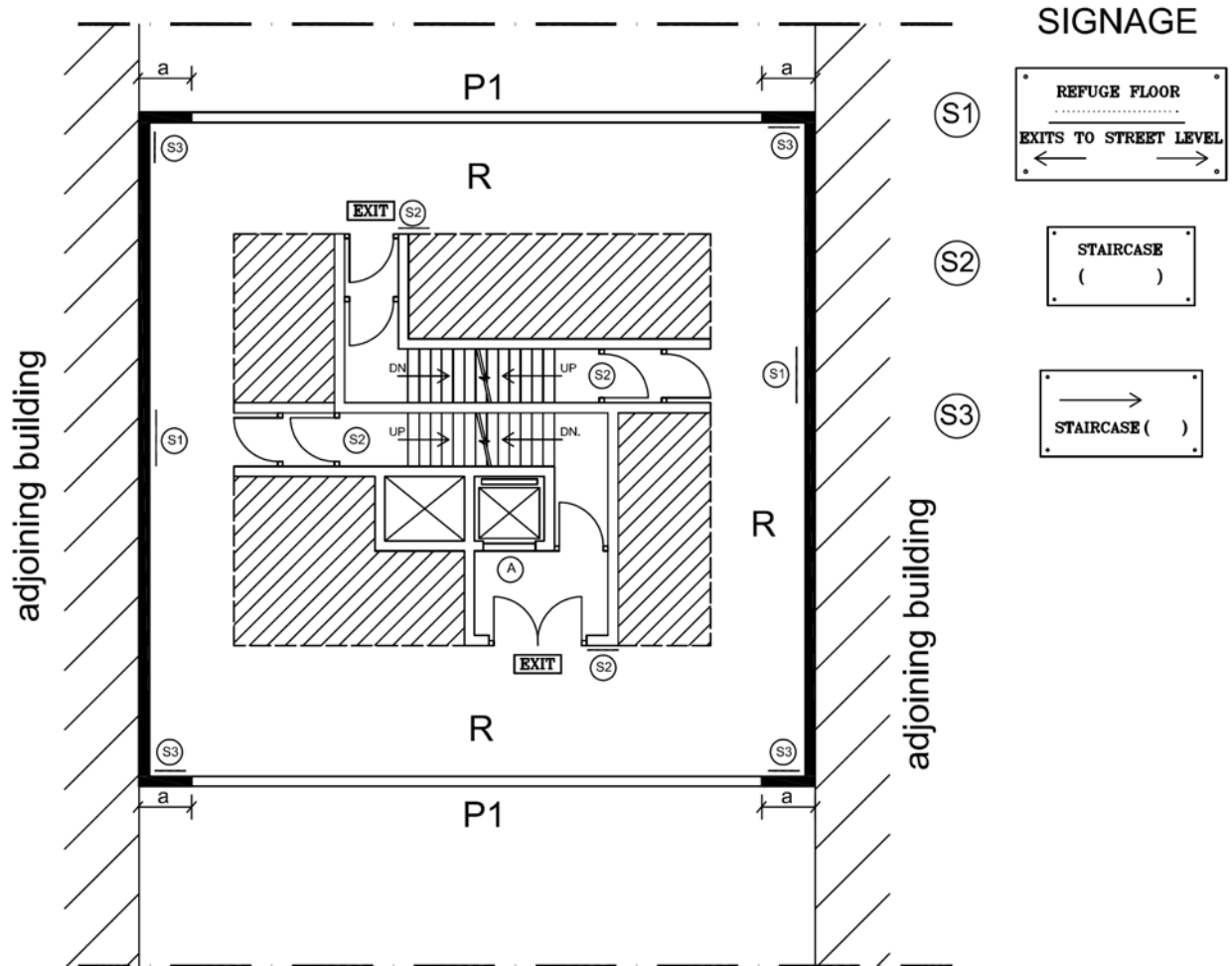
Diagram B4: Balcony Approach



Notes:

E	Exit door with required FRR	See Clause B10.4(b)
d1	Deadend travel distance	See Clauses B11.2 and B11.7
d2 + d3 + d4	Maximum travel distance (Not applicable to Use Classifications 1 & 2)	Max. 45m, see Clauses B11.3(a)(ii)&(iii), B11.6 and B11.7
d1 + d5 + d6	Maximum travel distance (Not applicable to Use Classifications 1 & 2)	Max. 45m, see Clauses B11.2(b)&(c), B11.3(a)(ii)&(iii), B11.6 and B11.7
d5 + d6	Maximum travel distance (Applicable to Use Classifications 1 & 2)	Max. 45m, see Clauses B11.3(a)(i), B11.6 and B11.7
d7	Maximum separation between 2 required staircases	Max. 48m, see Clause B11.3(b)
a ●.....● b or d7 whichever the less	Minimum separation between 2 required staircases	Min. 6m, see Clause B10.2(b)
R3	Room required to be provided with 2 exit doors	See Clause B11.6

Diagram B5: Typical Layout of Refuge Floor



**KEY:**



Permitted fire service water tank and associated fire service installation plant room; or other mechanical plant room (not accessible from refuge floor)

**R**

Refuge floor (min. 50% of the floor area)

**P1**

Open-sided above parapet height for cross-ventilation

**(A)**

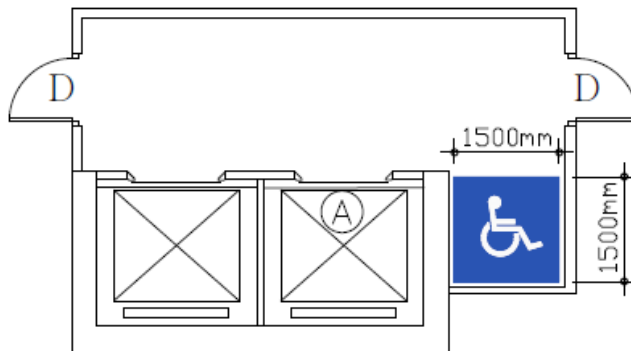
Firemen's lift serves refuge floor but door locked during normal operation

**a**

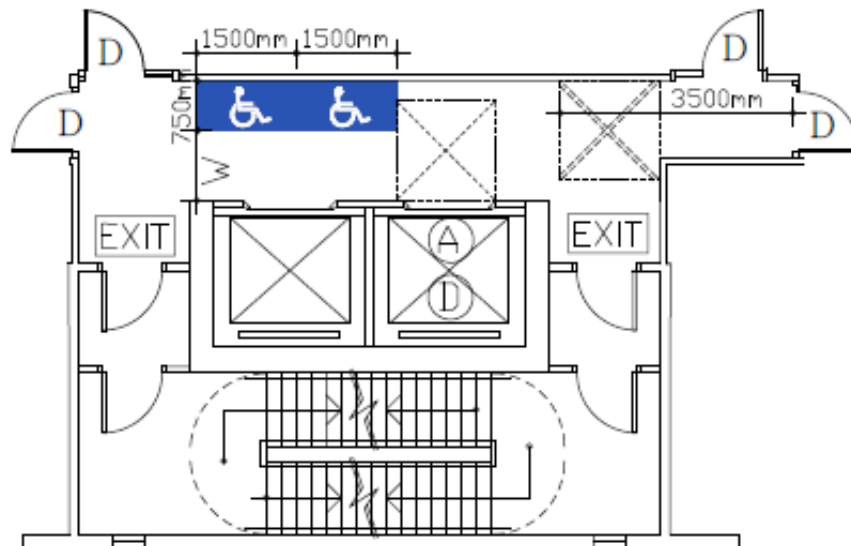
Fire rated wall [See Clause C5.2, C5.3 and C17.2 in Part C]

## Diagram B6: Temporary Refuge Spaces

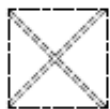
Example (a): temporary refuge space in fireman's lift lobby



Example (b): temporary refuge spaces in fireman's lift lobby



Lobby to fireman's lift of minimum dimensions of 1.5m to be used as wheelchair manoeuvring space



1.5m x 1.5m wheelchair manoeuvring space at 3.5m deadend



Temporary refuge space (0.75m x 1.5m) in fireman's lift lobby

W

Minimum width of exit route

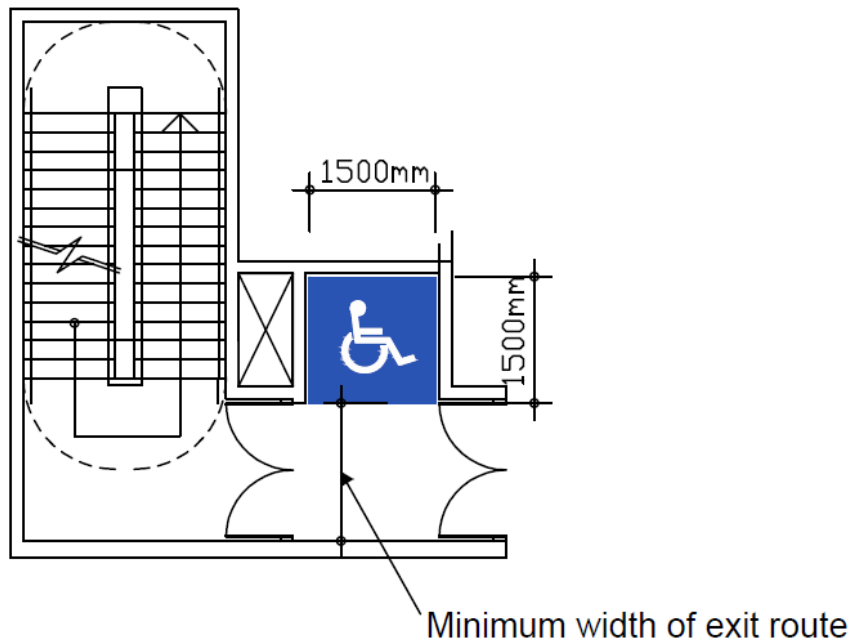
D

Fire rated door for accommodation

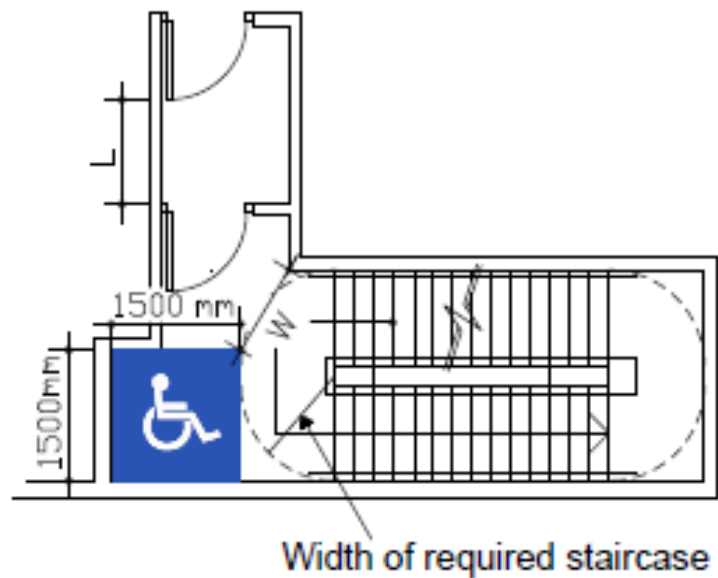


Accessible Lift

Example (c) : temporary refuge space in protected lobby



Example (d): temporary refuge space in landing of required staircase



- L Minimum length of 1.2m for wheelchair users
- W Minimum width of exit route