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

Open area at upper floor (such as podium floor)

Exit route to be adequately defined and roofed over (optional) [Clause B5.3(a)]

wall & roof with adequate FRR

Exit route complies with Section 2 of Part C

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

Notes:

- E: Exit door
- d4 + d5: Deadend travel distance (See Clause B11.2)
- d1: Deadend travel distance (See Clause B11.2)
- a – b – c: Minimum separation between 2 required staircases (See Clause B10.2(b))
- d3 + d6: Maximum separation between 2 required staircases (See Clause B11.3(b))
- d2: Travel distance (See Clause B11.3(a))
- d1 + d7: Travel distance (See Clause B11.3(a))
Diagram B3: Open Plan Layout

Notes:

- **d1**: Travel distance based on two exits being available
- **d2**: Deadend travel distance
Notes:

E  Exit door

\(d_1\)  Deadend travel distance  
See Clause B11.2

\(d_2 + d_4\)  Travel distance  
See Clause B11.3(a)

\(d_1 + d_5 + d_6\)  Travel distance  
See Clauses B11.2 & B11.3(a)

\(d_3\)  Maximum separation between 2 required staircases  
See Clause B11.3(b)
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)
- Refuge floor (min. 50% of the floor area)
- Open-sided above parapet height for cross-ventilation
- Firemen’s lift serves refuge floor but door locked during normal operation
- 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

Minimum width of exit route

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