



- Smoke Detection**  
System complying with BS 5839-1  
To include powered vents and natural vent systems
- Smoke Detection**  
System complying with BS 5839-1 Grade 2  
Category L03  
Exit signs  
To BS 5400 Part 1 or BS EN 7010 and stand to BS 5400 Part 4
- Protected Stairway**  
Fire resisting enclosure with FD30S doors  
Doors on escape routes provided with simple fastenings - without the use of a key
- Common Lobbies**  
Fire resisting enclosure with FD30S doors  
Fitting powered ventilation system - powered inlet and outlet  
Fitting smoke rate 1 m/s  
Fitting supply 1 m/s  
No details of existing extract / supply rates are given therefore no consideration shall be given of additional air on existing system.  
If system designers wish to redesign the system without consideration of additional air, justification for the proposed system rate needs to be submitted, including performance modelling.
- Doors on escape routes provided with simple fastenings - without the use of a key
- Common Lobbies**  
Fire resisting enclosure with FD30S doors  
Natural vent 0.4m<sup>2</sup>
- Doors on escape routes provided with simple fastenings - without the use of a key
- Inner Hall**  
Fire resisting enclosure with FD30S doors  
SD provided for fire warning (not interlinked between floor)
- System complying with BS 5839-1 Grade 2 Category L03
- Risers accessed from Stairway**  
Access route not provided to services from the single stairway  
If not and on water entry their services are acceptable in metal case with suitable fire casing. Also in the existing building these services are in the lobby. Can these access points be sealed at this level?
- Risers accessed from common Lobbies**  
Fire resistance could be achieved from the side of the enclosure. Access to services from the lobby should be via an FD30S with 'It's a Good Keep Locked Shut' signage

- NOTE**
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- KEY**
- 30 minute rated construction line
  - 60 minute rated construction line
  - 120 minute rated construction line
  - Final Exit
  - Escape route in one direction
  - Escape route in multiple directions
  - 1hr Fire Curtain
  - Dry Riser
  - Room Occupancy
  - ADV vented lobby
  - Block vented lobby
  - Fire rated door

RBKC MOE - P1  
A revision to a building fire safety report



EMPLOYER'S REQUIREMENTS

**STUDIO E UP**  
100% of the project  
GREEN BELL TOWER  
REGENERATION PROJECT  
FIRE ACCESS PLAN

1:1000 A1 24/10/13  
SCALE DATE

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