

Smoke Detection
System complying with BS 5839-1

To activate powered vent and natural vent systems

Smoke Detection
System complying with BS 5839-6 Grade D Category LD3

Exit signs
To BS 5499: Part 1 or BS EN 7010 and sized to BS 5499: Part 4

Route of powered vent duct, is not shown carried down to serve lobby

This is a room. Venting the room would not provide the same level of protection as venting a lobby thereto.

Provided that the lift lobby is vented - in this case an additional unvented (red) lobby separation to the residential escape is considered appropriate. The lobby in red should be completed with inner and outer FD30S doors.

FD30S door to complete lobby

MEZZANINE
1:100

Is this space for a wheelchair?

Confirm travel distance is 7.1m as cited if new small ventilation duct can be accommodated with SD as alternative solution

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 FD60S doors
Existing powered ventilation system - Powered inlet and outlet.
Existing extract rate 7 m³/s
Existing supply 7 m³/s

No details of existing extract / supply rates are given therefore no consideration should be given of adverse effect on existing system.
If system designers wish to redesign the system without consideration of adverse effect, justification for the proposed extract rate needs to be submitted, including performance modelling.

Doors on escape routes provided with simple fastenings - without the use of a key

Common Lobbies accessing non residential uses
Fire resisting enclosure with FD60S doors
Natural vent 0.4m²

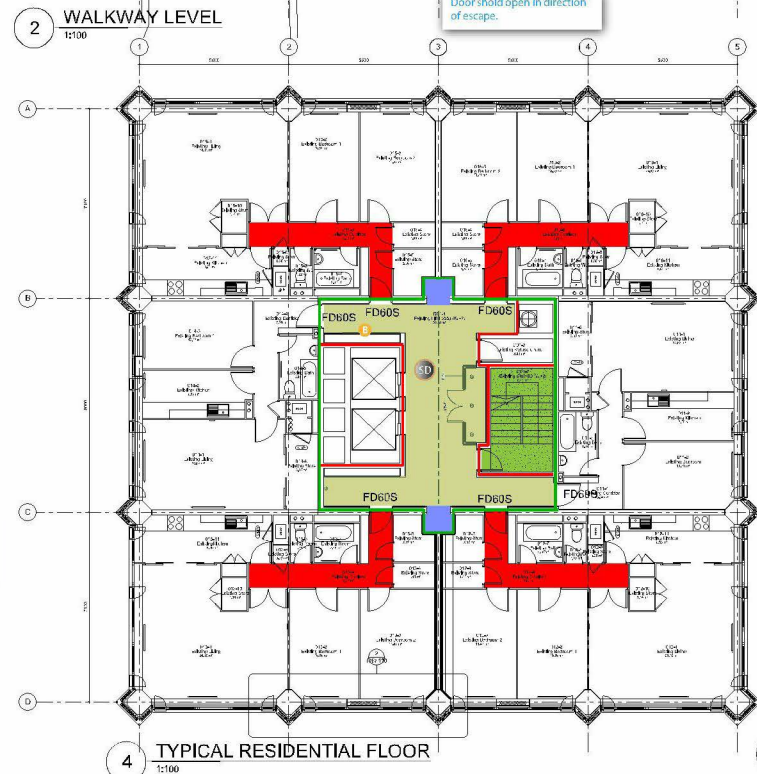
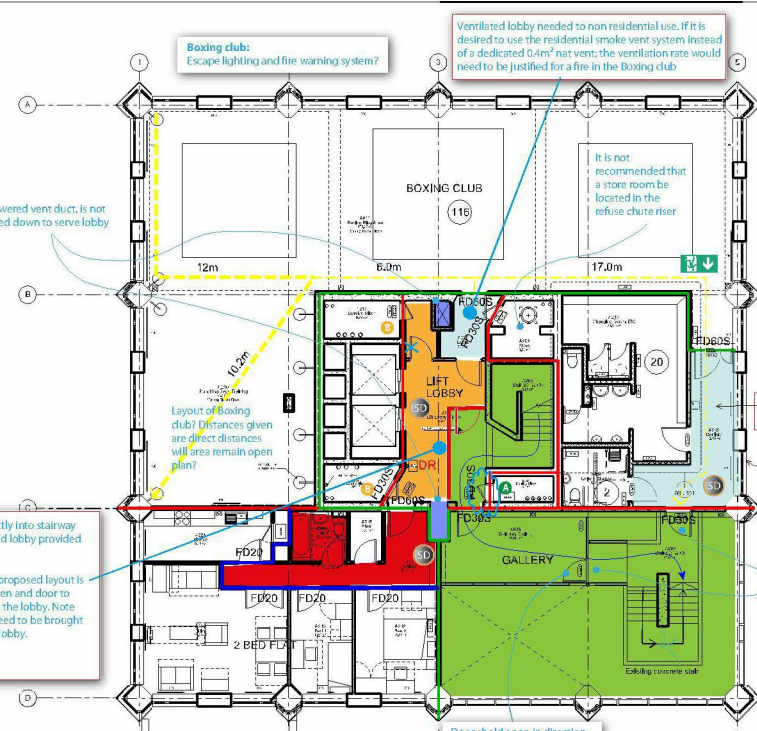
Doors on escape routes provided with simple fastenings - without the use of a key

Inner Hall
Fire resisting enclosure with FD20 doors
SD provided for flat warning (not interlinked between flats)
System complying with BS 5839-6 Grade D Category LD3

Risers accessed from Stairway
Access should not be provided to services from the single stairway.
(Hot and cold water/dry riser services are acceptable in metal pipes with suitable fire stopping). (Note in the existing building these risers were in the lobby). Can these access panels be sealed at this level?

Risers accessed from common Lobbies
Fire resistance should be achieved from the riser side of the enclosure. Access to services from the lobby should be via an FD30S with Fire Door Keep Locked Shut Signage.

WALKWAY +1 (new resi)
1:100



<p>NOTE</p> <ol style="list-style-type: none"> 1. THIS DRAWING IS THE PROPERTY OF STUDIO E LLP. 2. THE CONTRACTOR MUST ENSURE THAT ALL WORK IS COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING REGULATION 2010 AND THE LATEST REVISED EDITIONS OF THE BRITISH STANDARDS INSTITUTION (BSI) STANDARDS. 3. ANY CHANGES OR AMENDMENTS TO THIS DRAWING MUST BE APPROVED BY THE ARCHITECT OR HIS REPRESENTATIVE. 4. ANY CHANGES OR AMENDMENTS TO THIS DRAWING MUST BE APPROVED BY THE ARCHITECT OR HIS REPRESENTATIVE. 			
<p>KEY</p> <ul style="list-style-type: none"> 30 minutes rated construction line 60 minutes rated construction line 120 minutes rated construction line Final Exit Escape route in one direction Escape route in multiple directions 1hr Fire Curtain DR Dry Riser 32 Room Occupancy AOV at high level Mech vented lobby (re-used ducts) 			
<p>Boxing club: Escape width adequate for accommodation in club? The door to the stairway is a single door and will limit numbers (50 persons max?)</p> <p>Note for the purpose of means of escape this area is the stairway (shown in green). Therefore all accommodation access to boxing club needs vent lobby protection.</p>			
<p>RBKC MOE - S1 Comments to be made by RBKC Building Control</p> <p>Kensington & Chelsea TMO</p>			
<p>EMPLOYER'S REQUIREMENTS</p> <p>STUDIO E ARCHITECTS LTD 210 (Brixton) House, 102-100 Upper Street London N1 1UB</p> <p>GREENFELL TOWER REGENERATION PROJECT</p> <p>FIRE STRATEGY</p>			
<p>1:100@A1 24/10/13 JOB: F: DATE: 12/10/13</p>			
<p>12/10/13 101 01 BS DRAWN: CHECKED:</p>			