



DB32 Fire Appliance

Overall Length 8.680m

Overall Width 2.180m

Overall Body Height 2.452m

Min Body Ground Clearance 0.337m

Max Track Width 2.121m

Lock to Lock Time 6.00 sec

Kerb to Kerb Turning Radius 7.910m

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 BSEN 7010 and sized to BS 5499: 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 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 could be given of adverse affect on existing system.

If system designers wish to redesign the system without consideration of adverse affect, 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

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.

NOTE

- THIS DRAWING IS COPYRIGHT STUDIO E LLP
- THE CONTRACTOR MUST NOT SCALE FROM THE DRAWING ALL DIMENSIONS TO BE TAKEN FROM DIMENSION STRINGS
- WHERE ANY DISCREPANCIES ARE FOUND BETWEEN DIMENSIONS THESE MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS FOR RESOLUTION
- WHERE DISCREPANCIES EXIST BETWEEN REFERENCE OR ASSEMBLY DRAWINGS & DETAIL DRAWINGS, THE LATTER TAKE PREFERENCE

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
- DR Dry Riser
- 32 Room Occupancy
- AOV vented lobby
- Mech vented lobby (re-used ducts)

RBKC MOE - P1

Comments in blue by RBKC Building control

Kensington & Chelsea TMO

EMPLOYER'S REQUIREMENTS

STUDIO E LLP

Palace Wharf, Rainville Road, London W8 5HN

GRENELL TOWER REGENERATION PROJECT

PROJECT

FIRE ACCESS PLAN

DRAWING

1:100@A1 24/10/13

SCALE DATE

1279 (08)/100 00 BS

DWG NO. REVISION CHECKED

RBK00003787/1