

Fire statement form

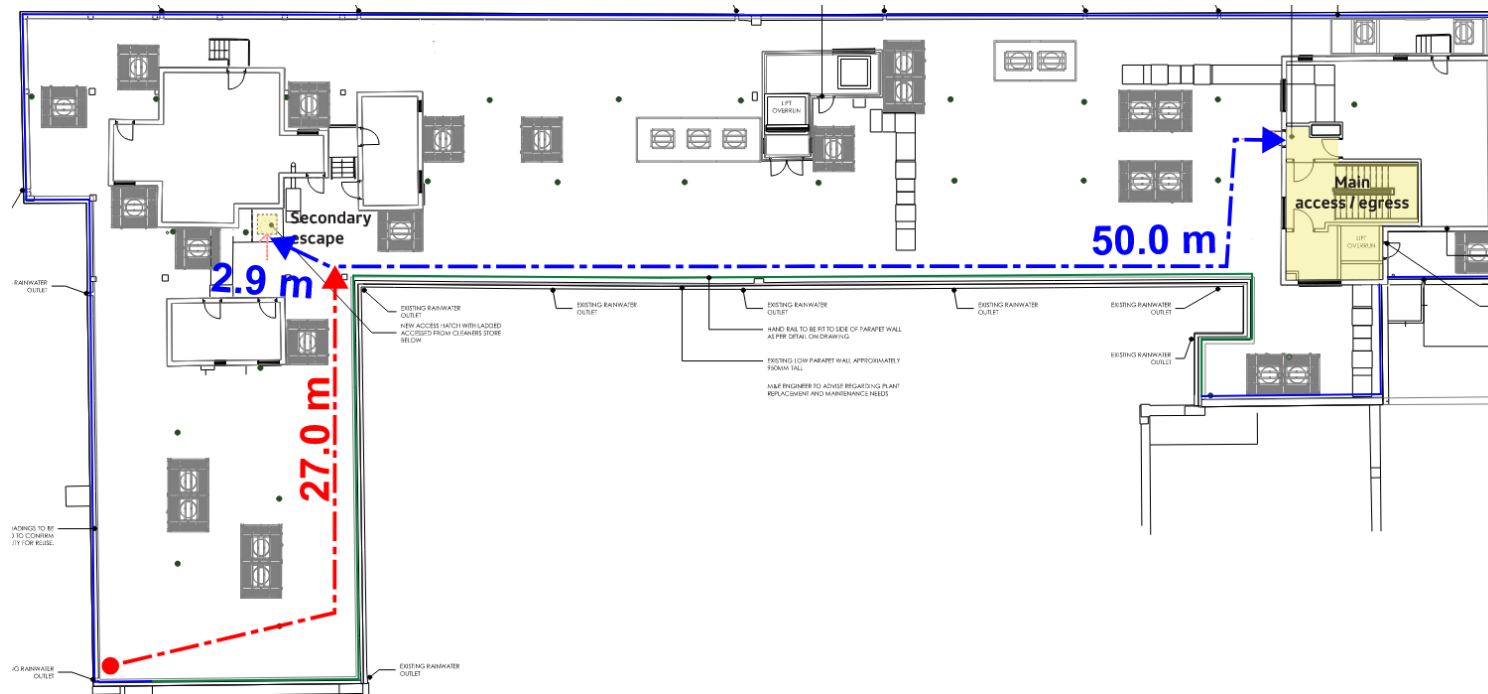
Application information	
<p>1. Site address line 1 Site address line 2 Site address line 3 Town County Site postcode (optional)</p>	<p>Lillian Penson Hall 15-25 Talbott Square Paddington London W2 1TT</p>
<p>2. Description of proposed development including any change of use (as stated on the application form):</p>	<p>Removal of existing heating and ventilation plant equipment at roof level to be replaced by a more energy efficient and cleaner system. No change of use</p>
<p>3. Name of person completing the fire statement (as section 15.), relevant qualifications and experience. Guide: no more than 200 words</p>	<p>Calum McMenemin, MEng MIFireE Calum is a Principal Fire Engineer at Jensen Hughes UK with over 6 years' experience. Calum has been involved in many projects in large, complex buildings across the UK, with a variety of different uses. He has extensive involvement in the residential sector including private dwellings, apartment complexes, student accommodation and hotel/aparthotel buildings. Calum has also worked in a variety of non-residential buildings, including high-rise office and commercial buildings, multi-storey shopping centres and high street retail units, higher education and school building, and rail platform and station buildings.</p>
<p>4. State what, if any, consultation has been undertaken on issues relating to the fire safety of the development; and what account has been taken of this. Guide: no more than 200 words</p>	<p>This proposal has been discussed with Jensen Hughes; it has been determined that replacement of the existing heating and ventilation system on the roof will have no detrimental effect on the fire strategy for the development. At this time there has been no consultation with Building Control.</p>
<p>5. Site layout plan with block numbering as per building schedule referred to in 6. (consistent with other plans drawings and information submitted in connection with the application)</p> <p>Site layout plan is (tick one):</p> <p>Inserted in the form (below). Block numbering not applicable. (Single building).</p>	

7. Specific technical complexities

Explain any specific technical complexities in terms of fire safety (for example green walls) and/or departures from information in building schedule above. Guide: no more than 500 words

This part of the project involves the replacement of roof top plant. This does not impose any additional risk to the buildings occupants as the plant is located in open air and should a fire occur in the plant would vent smoke and heat directly to atmosphere.

Maintenance workers on the roof have a choice of escape routes with one being via the main access stair to the east with a secondary means of escape via a hatch and ladder to the west core, as illustrated in the diagram below. From the remote end of the roof, single direction travel is within 27m with an escape route within a further 3m i.e. 30m overall. Escape via the main access route i.e. west stair is within 77m of the most remote area of the roof. On this basis, escape distances are compliant for open air plant spaces i.e. are less than 60 m in a single direction and less than 100 m where there is a choice of routes.



The main access stair (east stair) is a firefighting stair containing a firefighting lift. These facilities allow the fire service to ascend to the roof level quickly to commence firefighting operations.

8. Issues which might affect the fire safety of the development

Explain how any issues which might affect the fire safety of the development have been addressed. Guide: no more than 500 words

The proposed reconfiguration of the plant equipment at roof level will not alter the existing means of escape from the roof. Escape routes from the are as described in Section 7. The new plant doesn't impact on the fire safety of the occupants on the residential floors beneath.

9. Local development document policies relating to fire safety

Explain how any policies relating to fire safety in relevant local development documents have been taken into account. Guide: no more than 500 words

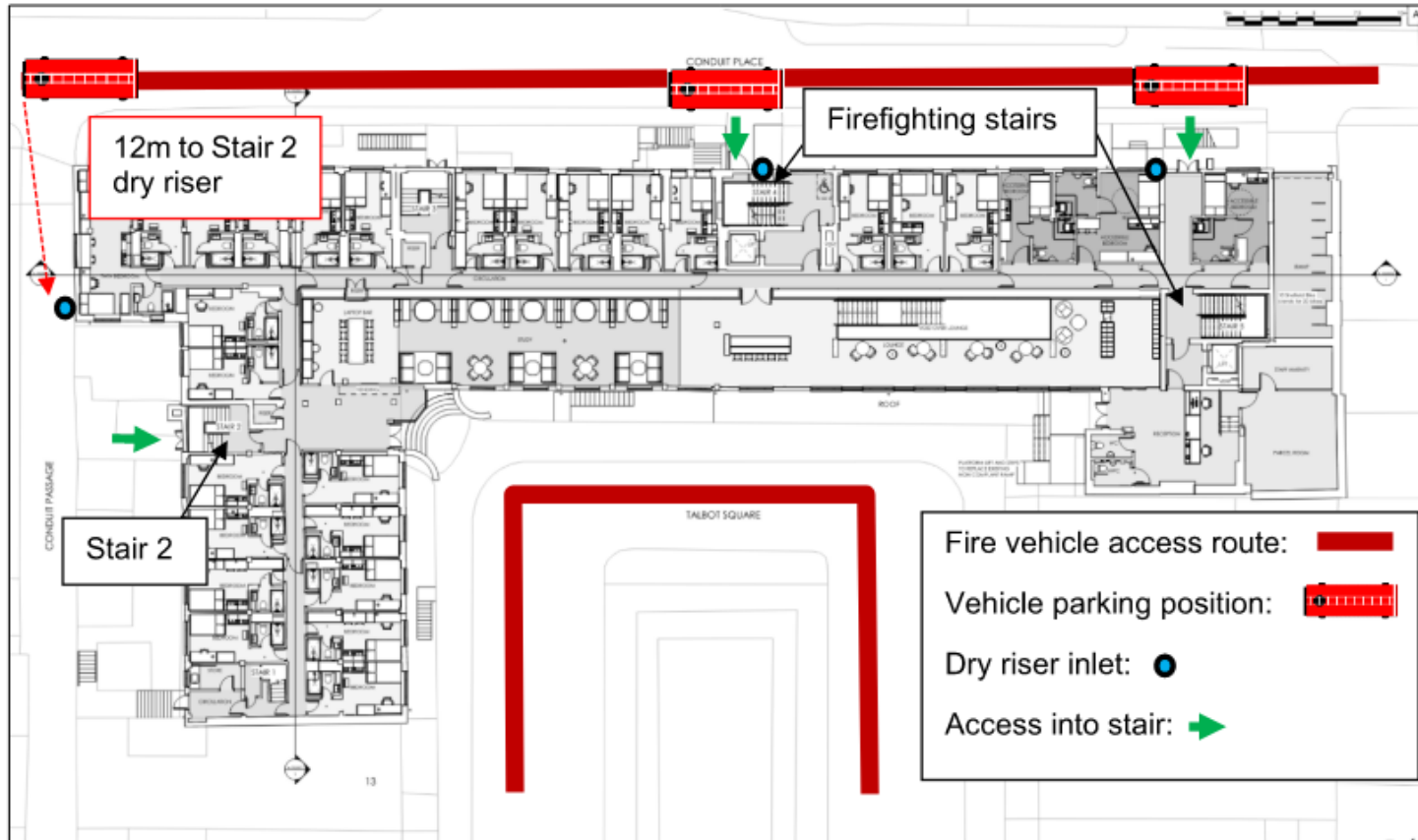
Not applicable.

Emergency road vehicle access and water supplies for firefighting purposes

10. Fire service site plan

Explanation of fire service site plan(s) provided in 14. including what guidance documents have informed the proposed arrangements for fire service access and facilities? Guide: no more than 200 words

The proposals have no impact on the firefighting vehicle access. Fire vehicles can park immediately outside the building and access the fire fighting stair via a corridor. Firefighting at roof level is otherwise as described in Section 7. The diagram below has been extracted from the fire strategy report and shows vehicle access to the east stair core.



11. Emergency road vehicle access

Specify emergency road vehicle access to the site entrances indicated on the site plan Guide: no more than 200 words

All as existing. i.e. via Talbott Square and Conduit Place. See diagram in Section 10.

Is the emergency vehicle tracking route within the site to the siting points for appliances clear and unobstructed? Tick one:

Yes

12. Siting of fire appliances

Guide: no more than 200 words

All as existing. i.e. via Talbott Square and Conduit Place. See diagram in Section 10

13. Suitability of water supply for the scale of development proposed

Guide: no more than 200 words

All as existing. i.e. Hydrants on Talbott Square and Conduit Place

Nature of water supply:

Hydrant - public

Does the proposed development rely on existing hydrants and if so are they currently usable / operable?

Yes

14. Fire service site plan Fire service site plan is:

Not applicable as no change from existing. See diagram in Section 10

Fire statement completed by

15. Signature

16. Date

22/03/2023

Table for completion of Box 6.

6cA. proposed use		
Choose one of the following per line in Box 6		
residential flats, maisonettes, studios	hotel	hospital
residential houses	shop	school
residential bedsits, cluster flats	restaurant, café, hot food take-away, drinking est.	community use, childcare (not school)
supported accommodation	office, research and development	prison, detention centre
student accommodation	industrial, storage or distribution	car parking
serviced apartments	care home	service area
other residential accommodation	health care	flexible use
6eA. standards relating to fire safety/ approach applied (including to external wall systems)		
Choose one of the following		
approved document B vol 1	BS9999	HTM0502
BS9991	fire engineered approach	BS7974
approved document B vol 2	BB100	
6fA. balconies		
Choose one of the following		
no balconies	class A2- s1, d0 or better	worse than class A2-s1,d0
6gA. external wall systems		
Choose one of the following		
class A2-s1, d0 or better	worse than class A2-s1,d0	
6hA. approach to evacuation		
Choose one of the following		
simultaneous	staged	progressive horizontal
phased	stay put	delayed
6iA. automatic suppression		
Choose one of the following		
yes- residential sprinklers, full	yes- commercial sprinklers, full	yes- other
yes- residential sprinklers, partial	yes- commercial sprinklers, partial	
6jA. accessible housing provided		
Choose one of the following		
none	M4(2) & M4(3)	N/A non resi
M4(2)	M4(3)	