Fire statement form

Application information	
1. Site address line 1	21 Farringdon Road
Site address line 2	
Site address line 3	
Town	London
County	
Site postcode (optional)	EC1M 3HA
2. Description of proposed development including any change of use (as stated on the application form):	Replacement of façade and specified attachments to meet requirements of Regulation 7 of the Building Regulations
3. Name of person completing the fire statement (as section 15.), relevant qualifications and experience. Guide: no more than 200 words	Simon Burch – Associate Fire Engineer Simon is an Associate Fire Engineer at Elementa Consulting registered with the Engineering Council and a Member of the Institution of Fire Engineers (MiFireE) with a wealth of experience on a variety of high-rise residential developments for major housing clients across London and the South-East. He is the lead author of fire strategies and responsible for all stages of the fire engineering design from the initial client contact through the tendering phase, across construction and the ongoing management and maintenance of fire safety systems and passive fire protection.
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	Internal consultation has been completed between the design team to ensure compliance with the demands of Regulation 7 of the Building Regulations.

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)

Site layout plan is:
provided as a separate plan

Insert Plan Number…….

The principles, concepts and approach relating to fire safety that have been applied to the development

6. Building schedule

Site information				Building information			Resident safety information		
a) block no. as per site layout plan above	b) • block height (m) • number of storeys excluding those below ground level • number of storeys including those below ground level	c) proposed use (one per line)	d) location of use within block by storey	e) standards relating to fire safety/ approach applied	f) balconies	g) external wall systems	h) approach to evacuation	i) automatic suppression	j) accessible housing provided
22 Farringdon Road	26.0m Ground – 6 No Basement	shop	Ground	Approved document B vol 2	class A2-s1, d0 or better	class A2-s1, d0 or better	simultaneous	none	N/A non resi
22 Farringdon Road	26.0m Ground – 6 No Basement	office, research and development	Floors 1-3	Approved document B vol 2	class A2-s1, d0 or better	class A2-s1, d0 or better	simultaneous	none	N/A non resi

22 Farringdon Road	26.0m Ground-6 No Basement	residential flats, maisonettes, studios	Floors 4-6	Approved document B vol 1	class A2-s1, d0 or better	class A2-s1, d0 or better	stay put	none	none
		Choose an item.		Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.
		Choose an item.		Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.

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

There are no specific technical complexities associated with the building. The building is existing and the works are solely associated with improvements to the façade to comply with the requirements of Regulation 7 of the Building Regulations

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 building is existing and works are solely associated with remediation to the façade. The existing fire safety provisions within the building remains unchanged

- Residential apartments adopt a stay put evacuation procedure in that only the apartment that has a fire in it is immediately evacuated. The Fire Service will carry out evacuation of the other apartments if necessary.
- The Shop, Offices storage and plant facilities on site will be considered completely independent of the residential elements. These areas will adopt independent simultaneous evacuation procedures

- Floors are designed as compartment floors to achieve fire resistance equal to that of the structure. Confirmation of such is a duty of the Responsible Person for the premises as defined by the Regulatory Reform (Fire Safety) Order.
- Risers are enclosed in fire resistant construction which should be equal to that of the structure. Confirmation of such is a duty of the Responsible Person for the premises as defined by the Regulatory Reform (Fire Safety) Order.
- All apartments should be enclosed in 60 minutes fire resistance with FD30S doors. Confirmation of such is a duty of the Responsible Person for the premises as defined by the Regulatory Reform (Fire Safety) Order.
- As the block is over 18m in height the external wall should achieve European Classification in A2-s1, d0 or Class A1 in accordance with Regulation 7(2) with any insulation product, filler material (such as the core materials of metal composite panels, sandwich panels and window spandrel panels but not including gaskets, sealants and similar) etc. used in the construction of an external wall should be class A2-s3, d2 or better.
- All specified attachments to the façade will be of class A2-s1, d0 or better.
- All external fire service access is existing and should be compliant for the Residential and Commercial spaces.
- Hydrants provision is as existing. Ensuring adequacy and availability of water supplies for extinguishing fire in the building is the duty of the fire authority under the Fire and Rescue Services Act 2004.
- Each life safety system will be provided with a secondary power supply which will activate in the event of failure of the main supply Confirmation of such is a duty of the Responsible Person for the premises as defined by the Regulatory Reform (Fire Safety) Order

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

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
- Fire Service access will remain unchanged by remediation to the facade

Fire Service access has been provided to provide access for fire personnel and a water supply to within reasonable distance of the building entrances in accordance with ADB.
- As the residential accommodations will adopt a stay put policy there is no defined assembly point for residential occupants.
- For the commercial spaces, the assembly points will be defined as part of the evacuation strategy specific to each occupier as required to comply with their duties under the Regulatory Reform (Fire Safety) Order.
- Residential blocks are provided with a dry riser with an outlet at each level within the protected staircase.
- Hydrants provision is as existing and will remain unchanged.

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

Road access is unchanged from the existing situation. As per the site plan, Saffron Hill provides fire service access to the residential cores with Farringdon Road the fire service access route for the shop and offices

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

yes

12. Siting of fire appliances

Guide: no more than 200 words

The fire service access is unchanged from the existing situation. The vehicle access route was designed to meet the requirements for a pump appliance as described in ADB

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

Guide: no more than 200 words

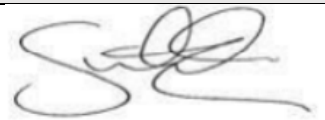
The building is existing and the fire authority has responsibility for making provision for extinguishing fires within the building under the Fire and Rescue Services Act 2004 and for taking all reasonable measures for securing that an adequate supply of water will be available for the authority's use in the event of fire. Therefore, the fire authority will be responsible for ensuring that existing hydrants in the public highway are confirmed as functioning and maintained or repaired as necessary.

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: provided as a separate plan The building is existing and fire service access will remain unchanged. See site plan for fire service access routes	
Fire statement completed by	
15. Signature	
16. Date	06/05/2022