

Fire statement form

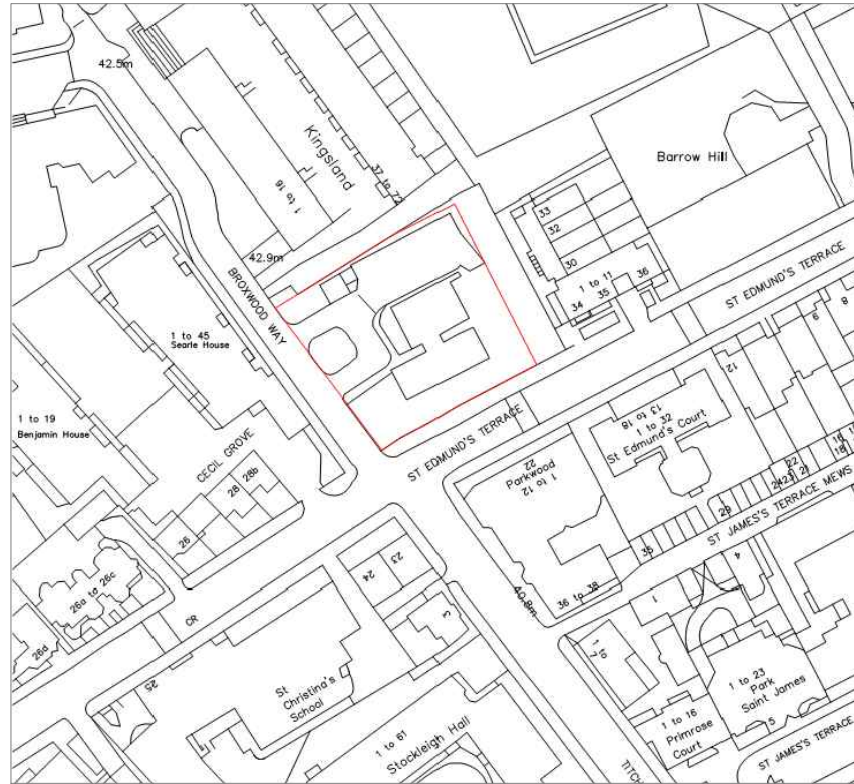
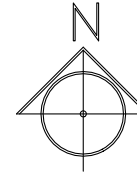
Application information	
1. Site address line 1	Barrie House
Site address line 2	29 St. Edmunds Terrace
Site address line 3	
Town	London
County	
Site postcode (optional)	NW8 7QH
2. Description of proposed development including any change of use (as stated on the application form):	Barrie House is an existing 8 storey (approx. 24m tall) purpose-built block of residential flats. The proposed development is to add a penthouse to the 8th floor.
3. Name of person completing the fire statement (as section 15.), relevant qualifications and experience. Guide: no more than 200 words	Pat Scott – Tennyson Suite Health and Safety Training Consultants Bachelor of Engineering in Fire Safety Engineering CMI Strategic Diploma – _Management and Leadership Member of the Institute of Fire Engineers (IFE) IFE Members Examination: Fire Investigation NEBOSH Certificate – _Occupational Safety and Health (Distinction) Tall Building Fire Safety Management (IFE Accredited) Member of Fire Engineering Council at FIA 42 years experience as a Fire Safety Engineer
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.	Discussions with the building manager to determine exiting fire safety measures and evacuation practices and what improvements can be made.

Guide: no more than 200 words

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:
Choose an item.

Existing Site Plan



PLANNING

RS
ARCHITECTURE

CLIENT:

PROJECT:
Barrie House

TITLE:
Existing Site Plan

DRAWING NUMBER : 000

Scale : 1:100 @ A3

DATE: 16/06/2021
DRAWN BY: AS APPROVED BY: RS

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		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

The apartment block is concrete frame greater than 75mm and is well maintained, offering more than 90 minutes fire resistance, front doors to apartments are FD30S compliant

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

In accordance with ADB, the internal linings for the proposed development are recommended to be:

- • _Class C-s3, d2 (European – _BS EN 13501-1: 2002) for rooms less than 4m2 area.
- • _Class C-s3, d2 (European – _BS EN 13501-1: 2002) for all rooms greater than 4m2 area and circulation space within flats.
- • _Class B-s3, d2 (European – _BS EN 13501-1: 2002) for protected common areas.

Staircase Ventilation:

This will include AOV's in corridor/lobby approach at each residential floor level and an Automatic Opening Vent (AOV) at the head of the protected staircase. This equipment will be operated by cause & effect of the automatic smoke detection to be installed within the common parts.

Specifically, this involves the installation of a AOV at the head of the common protected stairs (1m2 minimum) and AOV (1.5m2 minimum) on each residential corridor/lobby.

Suitable over-ride controls will be required for firefighters which should be clearly marked and visible.

Fire Alarm

A fire alarm panel for the common parts smoke detection should be provided and sited within an area where direct access is available for the attending fire service, adjacent to the main entrance.

Internal smoke detection for the new penthouse is required and will be Grade D Category LD1 and conform to BS 5839-6:2013. To ensure that occupants within respective flats will be alerted by the alarm, it must be ascertained that the sounder(s) achieve the required 75db (A) at the bed head.

It is recommended that all other (existing) flats should have a programme to fit an internal smoke detection system of the standard Grade D Category LD2 and conform to BS 5839-6:2013.

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

Local Plan Policy C6 Access for All

Policy D1 Design of new development

Design SPD

London Plan 2021 Policy D12 on fire safety requires all developments to achieve the highest standards of fire safety. Major developments are required to submit a Fire Statement. London Plan Policy D5 requires new developments that include a lift core to include at least one evacuation lift. This Fire Safety London Plan Guidance (LPG) sets out how applicants should demonstrate their schemes comply with these policies.

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 proposal is an extension to the roof of an existing block, the access to the site will remain as is and quick and easy access is provided for all emergency vehicles. Road access will be in accordance with BS9999.

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

Access is immediately off St Edmunds Terrace and adequate parking space is located in the turning head to the front of the apartment building.

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

Fire hydrants are on St.Edmunds Road.

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

Guide: no more than 200 words

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:
inserted in the form

Fire statement completed by

15. Signature

Patrick Arthurs

16. Date

13/12/2023