# Fire statement form

| **Application information** | |
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| **1.** Site address line 1 | Sheringham Court |
| Site address line 2 | Clayton Road |
| Site address line 3 | |
| Town | Hayes |
| County | Middlesex |
| Site postcode (optional) | UB31AX |
| **2.** Description of proposed development including any change of use (as stated on the application form): | The Sheringham Court site is an existing development which consists of a single residential block and a basement car park. Commercial units are located on the ground floor. The seven-storey building has a top storey height from lowest adjacent ground level of 18.01m (measure from adjacent Clayton Rd), however there is an external car park entrance ramp, from which if height was measured the height to top storey would be greater than 20m.<br><br>The proposed remedial works to the existing development will be solely to the external façade only. All other areas of the development will be unaltered and therefore will remain as existing and will not create any new or greater contravention.<br><br>The remedial works proposed will consist of the following:<br><br>• Render System - Removal of the existing OSB sheathing board within the render system and replace this with a Class A2-s1, d0 or better alternative. Installation of cavity barriers around all openings and at compartment lines. A new Class A2-s1, d0 or better render board and render cladding will be installed.<br>• Terracotta Cladding - Removal of the existing OSB sheathing board and replace this with a Class A2-s1, d0 or better alternative. Installation of non-combustible insulation between terracotta tiles and sheathing board and installation of cavity barriers around all openings and at compartment lines.<br>• Zinc Cladding - Removal of the existing OSB sheathing board and existing plywood behind the zinc and replace these with a Class A2-s1, d0 or better alternative. Installation of cavity barriers around all openings and at compartment lines. |

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| | Sheringham Court falls under “relevant building” definition i.e. residential buildings greater than 18m, therefore this building is subject to this form. |
| **3.** Name of person completing the fire statement (as section 15.), relevant qualifications and experience.<br><br>Guide: no more than 200 words | **Ray Kelly – Project Director**<br><br>**<u>Profession</u>**<br><br>Fire Safety Engineer<br><br>**<u>Nationality</u>**<br><br>Irish<br><br>**<u>Qualifications</u>**<br><br>BSc in Civil Engineering<br><br>MSc in Fire Engineering<br><br>**<u>Professional Associations</u>**<br>Chartered Fire Engineer (CEng)<br>Member of the Institution of Fire Engineers (MIFireE Ref No 00054942)<br>Member of the Institution of Engineers Ireland (MIEI Ref No 060867)<br><br>Ray is the Director at Joule Group - a fire engineering practice with offices in London, Belfast, and Derry (UK) and Dubai (UAE). The practice delivers on a range of local and international projects across a variety of built environment sectors.<br><br>Ray has a wealth of experience across a broad spectrum of projects and is seasoned and skilled in his approach with stratagems from new build to heritage conservation and refurbishment. This includes international projects alongside a UK portfolio and includes public buildings, commercial buildings, complex residential, mixed-use buildings, educational facilities, and Stadia.<br><br>Ray leads strong technical teams to deliver large and complex projects throughout the UK with the primary focus to deliver on time and with quality, excellence, and innovation at the forefront of everything he does. He also leads |

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| | consultation with local authorities, insurers, and other relevant stakeholders. Ray has significant experience on residential projects including new and existing buildings and infill projects on existing sites. |
| **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.<br><br>Guide: no more than 200 words | No consultation has been taken yet. |
| **5. Site layout plan with block numbering as per building schedule referred to in 6.**<br>(consistent with other plans drawings and information submitted in connection with the application) | |
| Site layout plan is:<br>inserted in the form | |

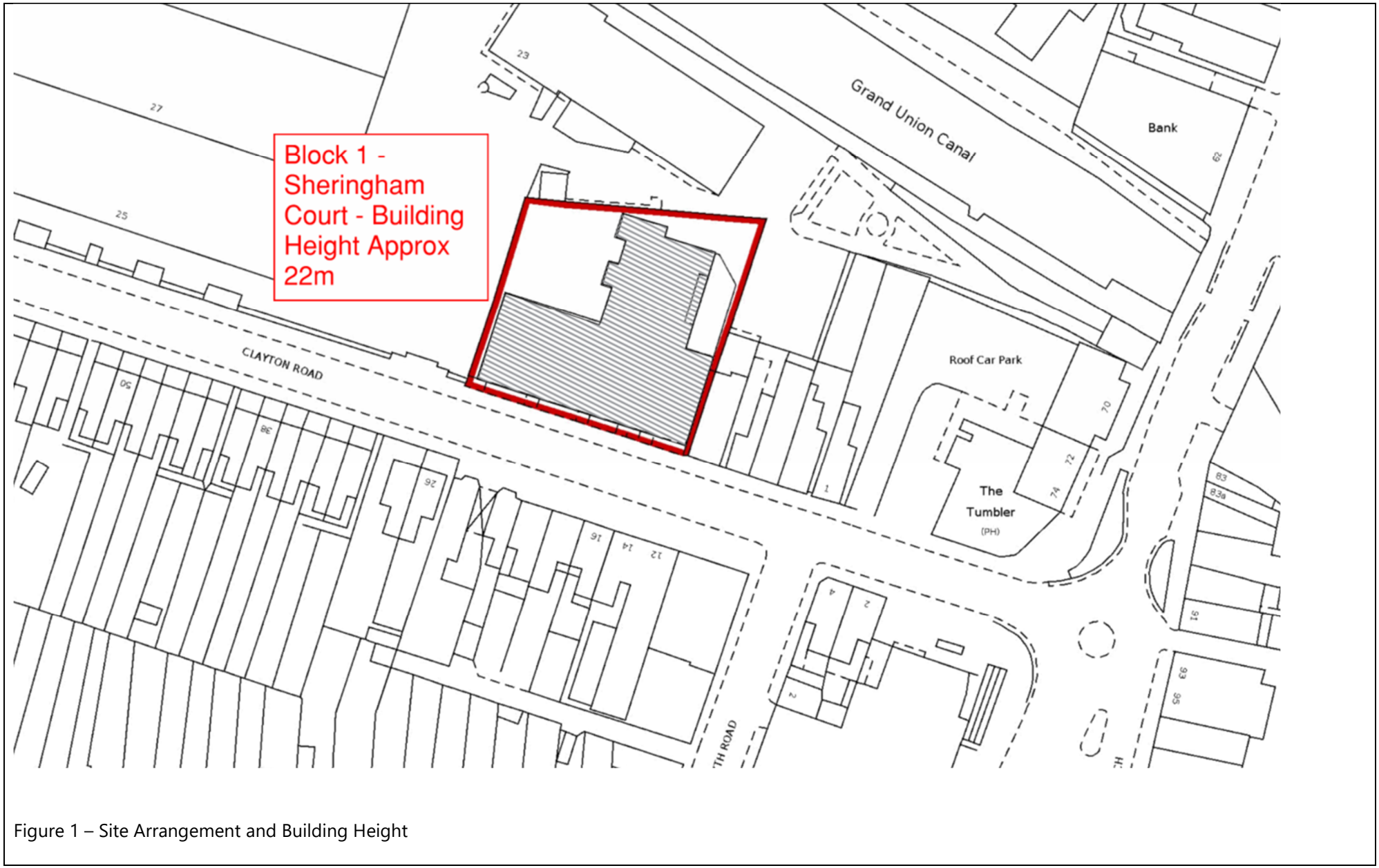


Figure 1 – Site Arrangement and Building Height

| The principles, concepts and approach relating to fire safety that have been applied to the development | | | | | | | | | |
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| **6. Building schedule** | | | | | | | | | |
| Site information | | | | Building information | | | Resident safety information | | |
| a)<br>block no. as per site layout plan above | b)<br>• block height (m)<br>• number of storeys excluding those below ground level<br>• number of storeys including those below ground level | c)<br>proposed use (one per line) | d)<br>location of use within block by storey | e)<br>standards relating to fire safety/ approach applied | f)<br>balconies | g)<br>external wall systems | h)<br>approach to evacuation | i)<br>automatic suppression | j)<br>accessible housing provided |
| Block 1 | • Approx. 22m height of building, approx. 18m to top storey height from lowest adjacent ground level.<br><br>• 7 storeys, above ground.<br><br>• Single storey | Existing use:<br><br>Residential<br><br>Commercial<br><br>Carparking | Basement level: Carpark and plant rooms.<br><br>GF: Commercial use, refuse store and bike storage.<br><br>Upper Floors: Residential Flats | As the only proposed works being undertaken on this development is to reduce the risk of the existing external façade, PAS 9980 guidance has been utilised. | worse than class A2-s1, d0<br><br>Note: This refers to existing construction no works being undertaken<br><br>This is currently subject to conclusion of ongoing further | worse than class A2-s1, d0<br><br>Note: The proposed works are remediating typologies that will be recommended within Joule Group's FRAEW. This is currently subject to | stay put<br><br>Note: The commercial units in these blocks adopt a simultaneous evacuation strategy. | none | none |

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| | basement carpark. | | | | investigations. The proposed remediation design will therefore address the areas identified in the FRAEW and the criteria that should be achieved for any new elements. | conclusion of ongoing further investigations. The proposed remediation design will therefore address the areas identified in the FRAEW and the criteria that should be achieved for any new elements. | | | |
| | | | | | Choose an item. | Choose an item. | Choose an item. | Choose an item. | Choose an item. |
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**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 proposed works consist of remediation of the external façade only.

Any new works/elements to the existing façade system will meet with the requirements of the current Building Regulations. However, all existing fire safety elements of the development (including elements of façade) which will be unaltered, will remain as per the existing arrangement.
The primary intent of the proposed works will be to reduce the overall risk of external fire spread over/within the existing façade system.
The remedial works will consist of the following:

- Render System - Removal of the existing OSB sheathing board within the render system and replace this with a Class A2-s1, d0 or better alternative. Installation of cavity barriers around all openings and at compartment lines. A new Class A2-s1, d0 or better render board and render cladding will be installed.
- Terracotta Cladding - Removal of the existing OSB sheathing board and replace this with a Class A2-s1, d0 or better alternative. Installation of non-combustible insulation between terracotta tiles and sheathing board and installation of cavity barriers around all openings and at compartment lines.
- Zinc Cladding - Removal of the existing OSB sheathing board and existing plywood behind the zinc and replace these with a Class A2-s1, d0 or better alternative. Installation of cavity barriers around all openings and at compartment lines.

**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

As the proposed works are only to the external façade of the building to reduce the fire spread over the external façade of the building, no other areas of the building will be altered. Therefore, the means of escape and firefighting access and facilities will be unchanged and remain as per the existing strategy.

**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

The proposed remedial works to the existing façade on the development have been designed to reduce the potential for external fire spread over/ within the façade system. The new proposed works will be designed to comply with relevant current guidance with regards to the remediated external elevations.

Other fire safety items of the building will be unaltered and therefore will remain as per the existing strategy for the building, therefore, no new or greater contravention will be created.

| **Emergency road vehicle access and water supplies for firefighting purposes** |
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| **10. Fire service site plan**<br>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?<br>Guide: no more than 200 words<br>Access to the existing block will remain as per the existing approved strategy. The fire service will have access to the building from the existing main entrance at ground level. Fire appliances can park on Clayton Road directly outside the main entrance of the building. The building is provided with an existing dry riser inlet on the external façade outside the main entrance and each floor is provided with an outlet. The existing inlet and outlet connection points will be unaltered during the proposed façade remedial works. |
| **11. Emergency road vehicle access**<br>Specify emergency road vehicle access to the site entrances indicated on the site plan<br>Guide: no more than 200 words<br>The Fire and Rescue Service may approach the existing building by Clayton Road (highlighted in green below) which provides fire service access to the residential core within 18m of the set down point of the fire service appliance. As per the image below. |

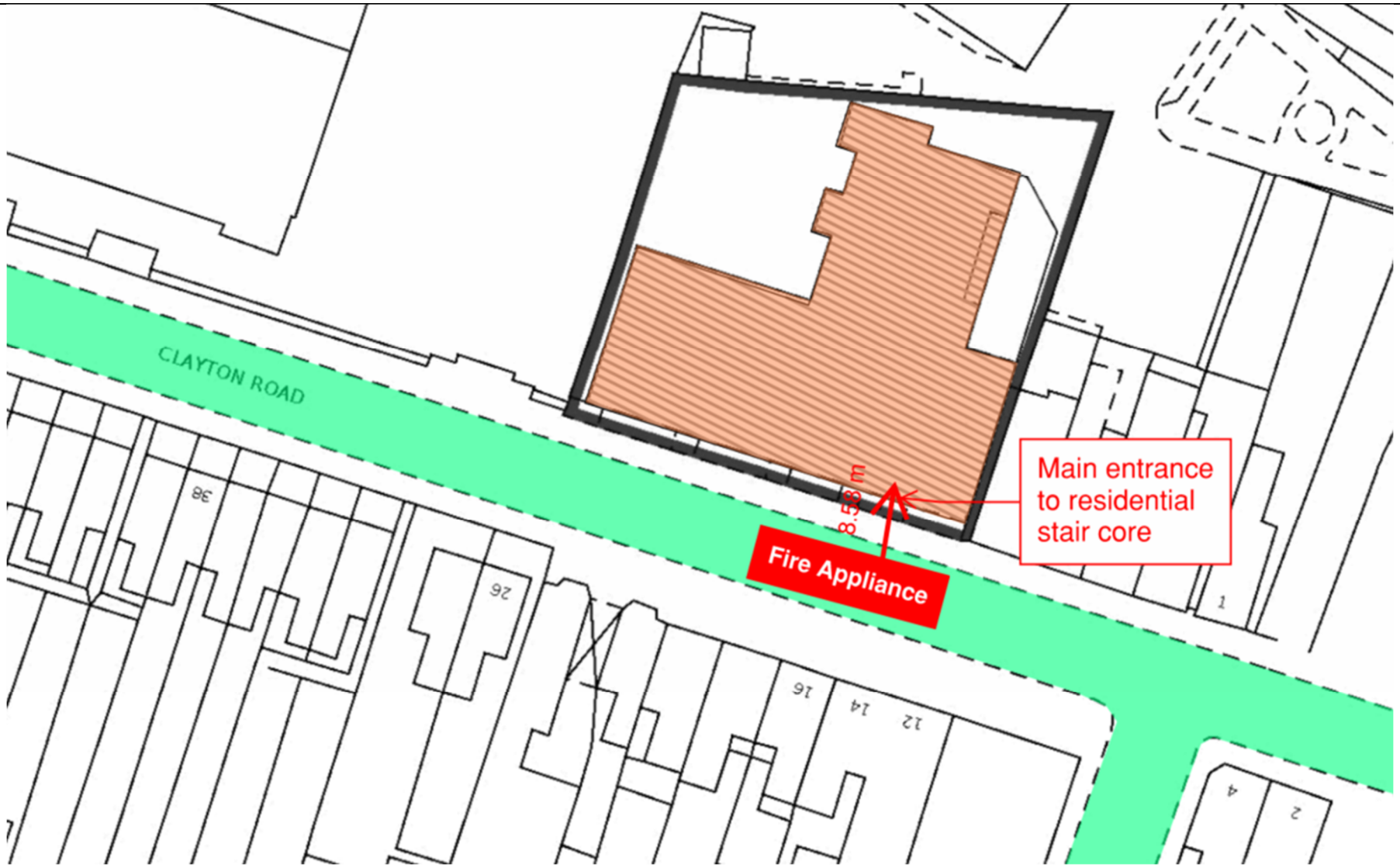



*Figure 2 – Vehicle Access Route*

The existing vehicle access road will be unaltered by the proposed works and therefore will remain as per the existing arrangement.

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 Service access for a pump appliance is provided on Clayton Road.

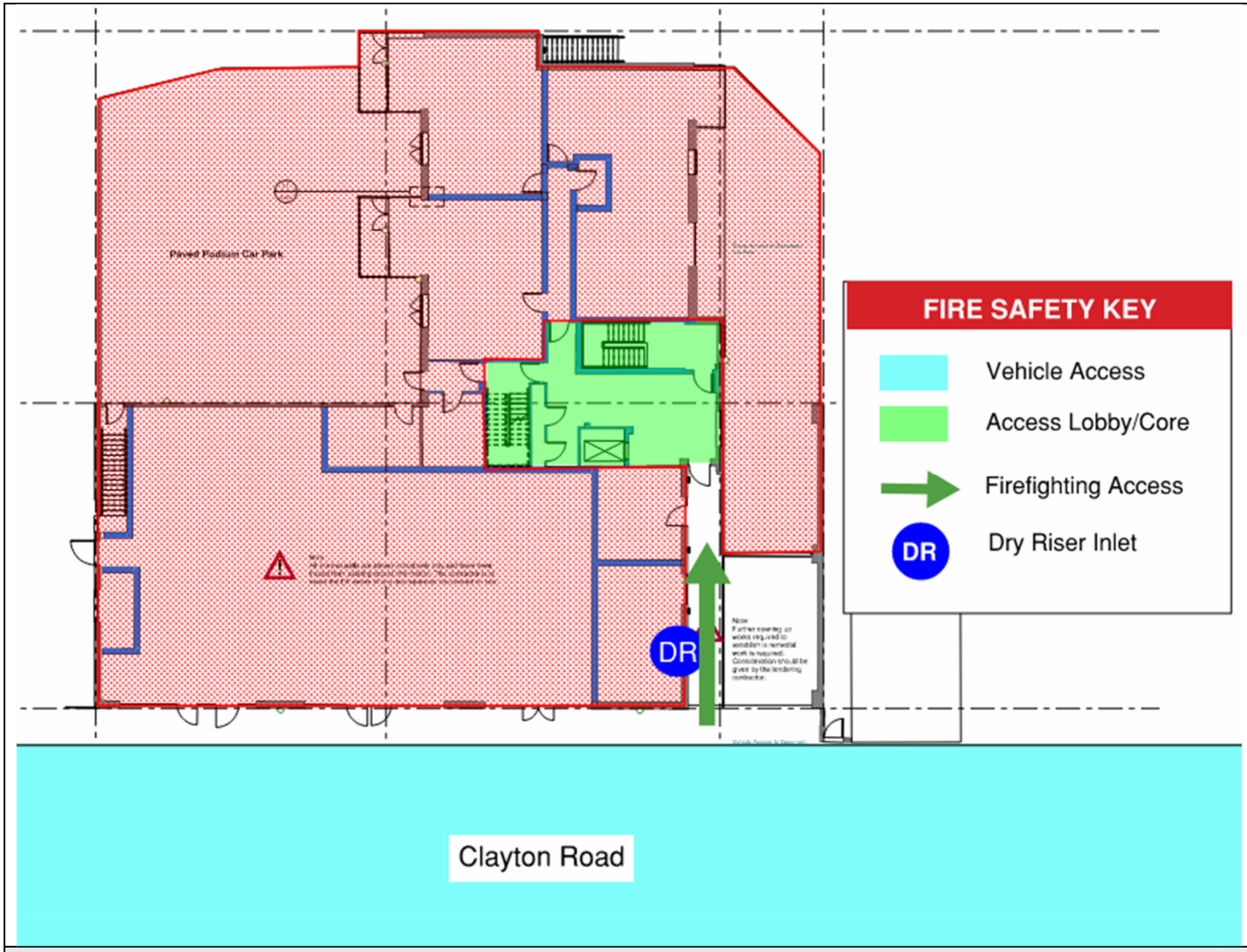
The fire main inlet connection point is located on the face of the building, visible from the apparatus, and provided within 18m of the fire appliance.

**13. Suitability of water supply for the scale of development proposed**
Guide: no more than 200 words
As the works proposed are to the external façade of the building only, the existing water supply via hydrants will remain as per the existing arrangement.

Nature of water supply:
hydrant- public

Does the proposed development rely on existing hydrants and if so are they currently usable / operable?
don't know

**14. Fire service site plan**
Fire service site plan is:
inserted in the form




**Fire statement completed by**

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| **15.** Signature |  |
| **16.** Date | 17/12/2024 |