

# Landmark Group

**100 Wordsworth Road, Hampton, TW12 1ES**

## **FIRE STATEMENT**

Front New Porch with Internal Alterations

Date: 16<sup>th</sup> December 2024

**Landmark Architectural Services Ltd**

Registration Number: 14146688

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ACQUISITIONS & INVESTMENT  
DESIGN & PLANNING CONSENT  
DEVELOPMENT & CONSTRUCTION  
INTERIORS

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## 1.0 SECTION 1: SITE ADDRESS

1.1 The fire statement is in relation to:

*100 Wordsworth Road, Hampton, TW12 1ES*

## 2.0 SECTION 2: DESCRIPTION OF PROPOSED DEVELOPMENT

2.1 This Fire Strategy Statement is submitted on behalf of the applicant in respect of a planning application for 'Front New Porch with internal alterations'.

## 3.0 SECTION 3: CONSULTANT DETAILS

**Name:** Diviya Varsani  
**Qualifications:** The Institute of Fire Safety Managers (*AIFSM*),  
Chartered Institute of Architectural Technologist  
(*ACIAT*)

## 4.0 SECTION 4: INTRODUCTION

4.1 This Fire Strategy Statement is submitted on behalf of the applicant in respect of a planning application for a proposal to add 'Front New Porch with internal alterations.

4.2 This statement comprises:

- Access for fire appliances and evacuation assembly point;
- Features that reduce the risk to life and the risk of serious injury in the event of a fire.
- Measures that minimise the risk of fire spread.
- Means of escape and an associated evacuation strategy for all building users

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- Robust strategy for evacuation which can be periodically updated and published;  
and,
- Suitable access and equipment for firefighting

## 5.0 SECTION 5: SITE LAYOUT AND BUILDING SCHEDULE

### 5.1 Site Plan



5.2 The footprint of the site remains as existing.

## 6.0 SECTION 6: BUILDING SCHEDULE

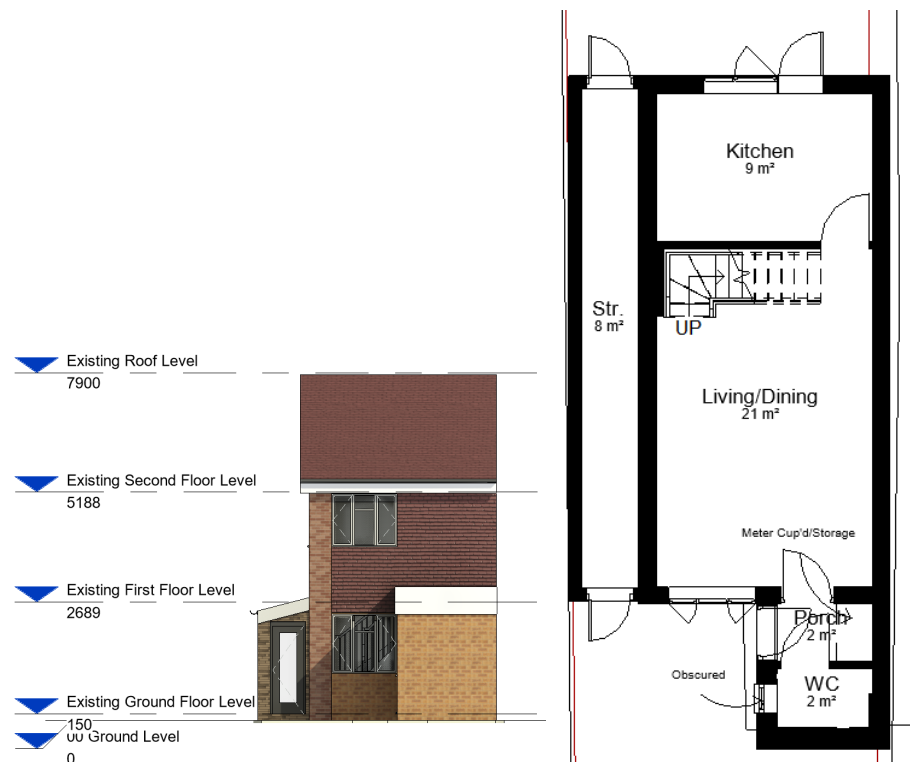
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### 6.1 site information

- The proposal comprises of 1 Semi-Detached Dwelling - Block 1
- Block Height 7.9 metres high, 2 Storey (No basement)



- Residential use
- Level 1 – Kitchen/ Living/ Dining
- Level 2 – Bedroom and Bathroom

### 6.2 Standards relating to fire safety/ approach applied

- Approved Document B (fire safety) volume 1: Dwellings. 2019 edition incorporating 2020 and 2022 amendments – for use in England.
- External Wall System, Brick Cavity Wall. the external wall system only contains materials achieving class A2-s3, d2 or better in accordance with BS EN 13501-1:2018 Fire classification of construction products and building elements. Part 1: Classification

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using data from reaction to test fires. British Standards Institution. (The classes of reaction to fire performance of A2, B, C, D and E are accompanied by additional classifications related to the production of smoke (s1, s2, s3), with s1 indicating the lowest production, and/or flaming droplets/particles (d0, d1, d2), with d0 indicating the lowest production. NOTE: When a classification includes s3, d2 this means that there is no limit set for smoke production and/or flaming droplets/particles.)

With the exception of all of the following:

- cavity trays when used between two leaves of masonry;
- any part of a roof that part is connected to an external wall (excluding any part of a roof pitched at an angle of more than 70 degrees to the horizontal if that part of the roof adjoins a space within the building to which persons have access, but not access only for the purpose of carrying out repairs or maintenance, if the part is connected to an external wall)
- door frames and doors;
- electrical installations;
- insulation and water proofing materials used below ground level;
- intumescent and fire stopping materials
- membranes;
- seals, gaskets, fixings, sealants and backer rods;
- thermal break materials; or
- window frames and glass

### 6.3 Residential safety information – Level 1 and 2

The approach to evacuation will be ‘Simultaneous Evacuation’ and in an event of the alarm being raised, occupants will therefore escape as soon as possible. As there will be a need for sprinklers

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in the Kitchen and living/Dining area, the system will turn on in these locations in an event of the fire/smoke.

Residential sprinklers - a system designed in accordance with BS EN 9251:2021 Fire sprinklers systems for domestic and residential occupancies. Code of practice. British Standards Institution. Sprinklers system is provided throughout the proposed use and level in question.

#### 6.4 Sprinkler System

A sprinkler system will be required in the kitchen and living/dining area as the escape is not exiting straight out of the building through a 30-minute fire rated protected corridor. Please note that mist systems are not usually recommended by the fire service. The system used should be approved by building control and the fire service prior to any works commencing.

#### 6.5 Accessible housing

M4(2) Category 2: Accessible and adaptable dwellings, optional accessible housing standard as per Approved Document M volume 1 of the Building Regulations 2000. M4(2) is an optional accessible housing standard and will only be checked against at building regulations application stage when required by a local plan policy, and conditioned at planning consent stage.

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## **7.0 SECTION 7 - REDUCE THE RISK TO LIFE AND RISK OF SERIOUS INJURY**

7.1 The development will be upgraded where necessary to comply with appropriate building regulation standards. Measures will be incorporated into the scheme to reduce the risk to life and serious injury in the event of a fire. The following is a list of compliance measures and it is not limited to and subject to building control approval as regulations can change at the time of build;

- Mains-wired interlinked smoke detectors are required in the circulation spaces of each storey to BS 5839 – Part 6 standards.
- Mains wired interlinked heat detectors required in kitchen and utility areas to BS 5839 – Part 6 standards.
- Emergency lighting required in circulation space and Living/Dining Area to BS5266.
- 60-minute Fire-rated structural steel.
- Habitable rooms with escape windows (Where applicable).
- Sprinkler system on the Ground floor level Kitchen and Living /Dining area BS EN 9251:2021

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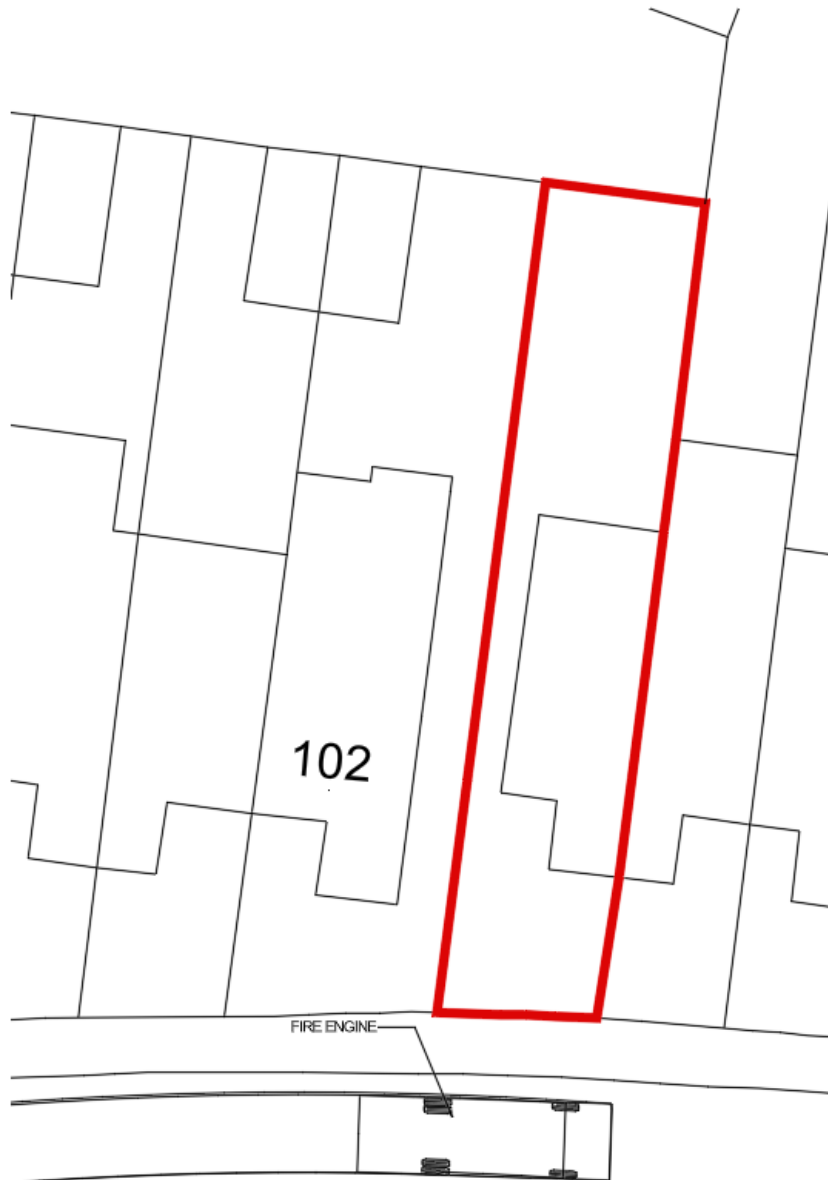
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## 8.0 SECTION 8: SITE PLAN AND EMERGENCY ROAD VEHICLE ACCESS

### 8.1 Emergency Vehicle tracking



### 8.2 The fire engines can easily access the development from Wordsworth Road

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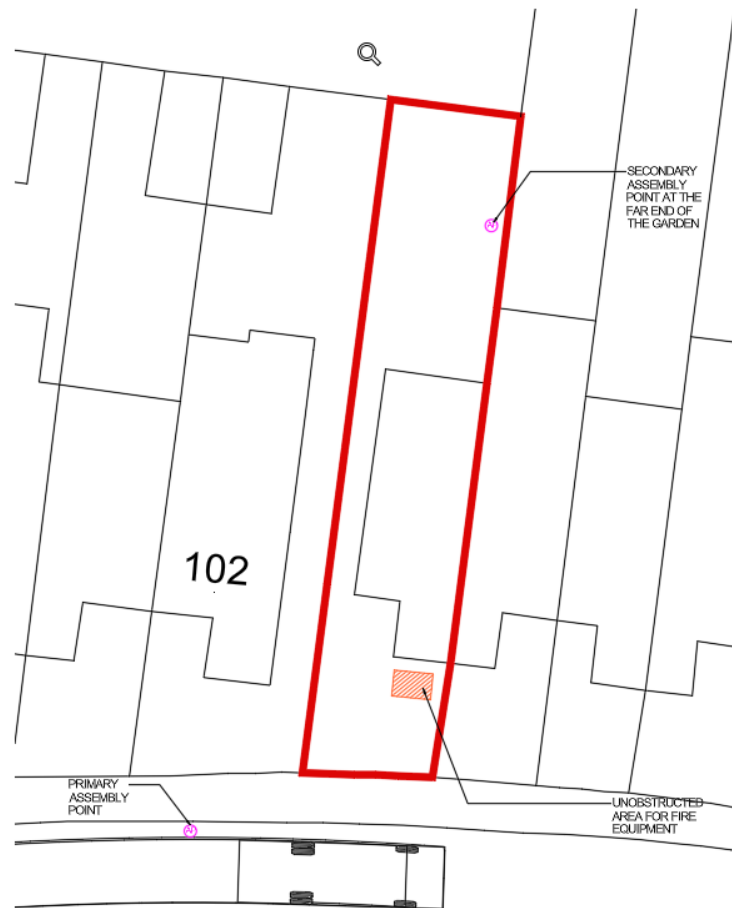
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## 9.0 SECTION 9: SITING OF FIRE APPLIANCES

9.1 There is suitable access and location of equipment for firefighting appliances as indicated in section 9.2 into the scheme in compliance with Building Regulations. More detail will be discussed and agreed upon with Building Control to satisfy all the appropriate standards.



9.2 Siting appliances for firefighting, fire fighters access points and assembly points

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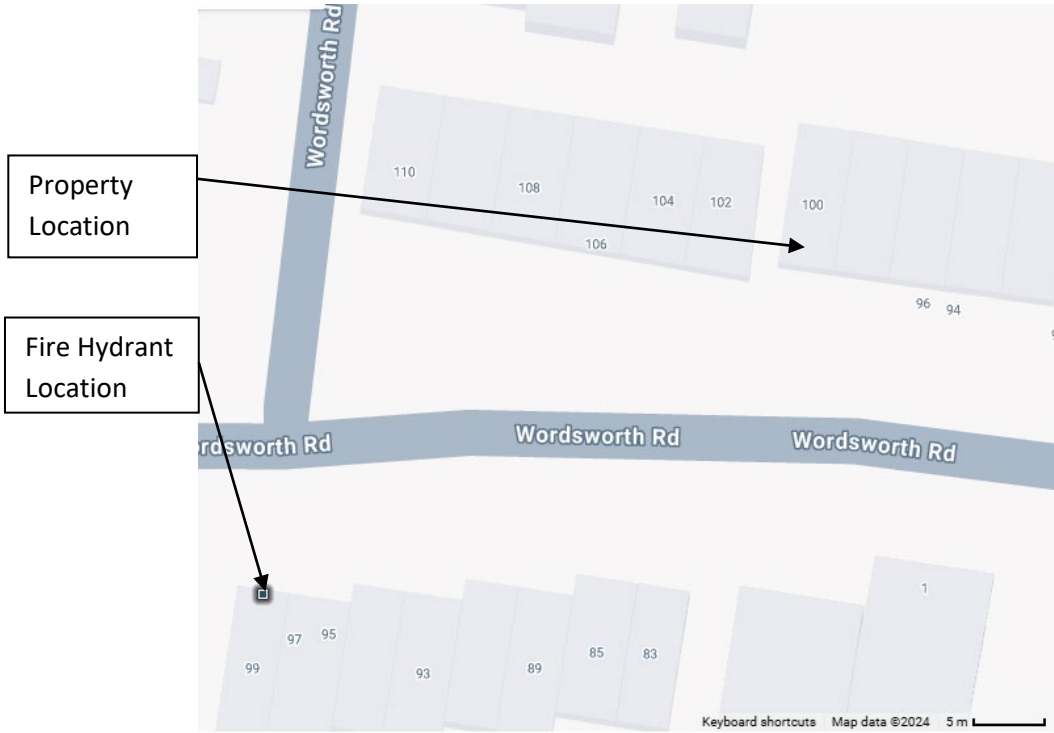
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### 10.0 SECTION 10: WATER SUPPLY



10.1 There is a public fire hydrant available for water supply located within 90 metres away from the site.

### 11.0 SECTION 11: DATE AND SIGNATURE

Date: 16 December 2024

Signature:

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## 12.0 SECTION 12: GLOSSARY

12.1 Simultaneous evacuation is a term used in emergency management and planning to describe a situation in which multiple groups or areas are evacuated at the same time in response to a disaster or emergency. This type of evacuation is often necessary in scenarios where there are multiple threats or hazards affecting different areas simultaneously. Simultaneous evacuation requires careful coordination and communication to ensure that all affected individuals are safely and efficiently evacuated to designated safe locations. Emergency responders and officials must develop detailed evacuation plans, establish clear communication channels, and coordinate resources to effectively manage a simultaneous evacuation and minimise the risk to people's lives and property.

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