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Fire Safety Strategy Statement

Applicant: Mr Hafiz Mehmood

Site Address: 54 Rose Hill Park West,
Sutton,
Surrey,
SM1 3LB

Planning Portal Ref: PP-12653834

Application Ref: DM2023/01829

1.0 Introduction

- 1.1** The fire statement should be read in conjunction with a planning application submitted for 54 Rose Hill Park West, Sutton, Surrey, SM1 3LB relating to the proposal of:

'Erection of a part one, part two storey rear extension'

2.0 Identifying suitable positioned unobstructed outside space for fire appliances and evacuation assembly points.

- 2.1** The project scheme will provide suitable evacuation routes from the front and rear of the residential dwelling. Evacuation to the front of the dwelling will be via the main door on to Rose Hill Park West. In the event of a fire taking place, residents can egress the building to either the front or the rear of the building with assembly points either way.
- 2.2** The proposed development is to erect a part one, part two storey rear extension, this provides changes to the rear provision. Regardless of the changes made, the existing layout maintains protected access routes where evacuation points are located as required under the building regulations (Part B). Access for fire appliances to the building are currently provided from the front of the dwelling directly from Leamore Street.

3.0 Passive & active fire safety systems.

- 3.1** The proposed layout does offer a more open plan layout at the rear of the property. The proposed scheme is not unusual not does it require specialist fire protection methods. The walls being formed will provide a minimum resistance of 30 minutes to fire, this gives protection and allows occupants to exit more safely from the dwelling as well as allow the fire services enough time to reach the property. New proposed fire alarmed s more detector will increase the safety and awareness of the occupants in the case of a fire, these will also be installed in the above floor where necessary. In addition, provision of a manual intervention can also be efficient as fire extinguishers and fire blankets will be kept in the kitchen.

4.0 Construction Materials.

- 4.1** The proposed materials for construction of the extensional the rear will be made with cavity wall method, with brick work to match the external of the building with 100mm wool insulation and Thermalite (light block walls) for internal skin. The existing remaining structures will be upgraded to ensure a minimum of 30 minutes fire resistance also. All new openings created as well as steel beams inserted will be enclosed in plaster board in line with building regulations to provide a fire-resistant structure.

5.0 Means of escape: Existing/proposed layout.

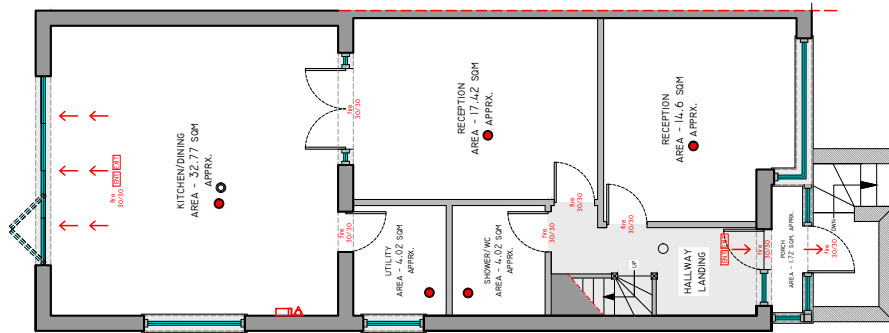
- 5.1** The current escape route remains in concept, with the addition of the extension to the rear, through the front door or the rear fire exit door in to the yard.

6.0 Evacuation Strategy

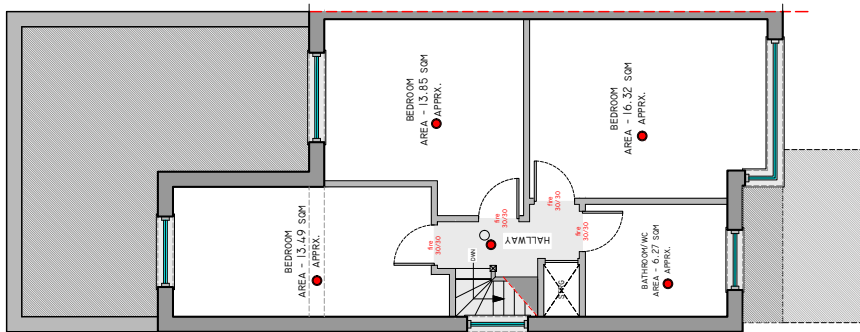
- 6.1** The evacuation process is naturally very simple, either from the front or at the rear exit as detailed above. There are 2 primary routes, through the front of the property, the main entrance door or the rear garden door. All windows on premises are to be fire compliant.

7.0 Access for firefighting equipment.

- 7.1** The existing building and others attached/nearby are serviced by the provision of firefighting infrastructure as existing on Leamore Street. No lifts are proposed or required in the case of this development and the works will be progressed in accordance with the building regulations approved document B.



GROUND FLOOR, PROPOSED PLAN,
SCALE 1:100



FIRST FLOOR, PROPOSED PLAN,
SCALE 1:100

- smoke detector
- heat detector
- sound alarm
- entrance/exit
- escape routes
- ▲ CO2 fire extinguisher
- ▲ all fire doors to be 30/30 with self closers and fluorescent strips
- fire blanket