

# CASE REFERENCE -

47 ORCHARD ROAD SUTTON SM1 2QA

## Fire Safety Strategy

Fire and rescue service pumping appliances can set down outside the front of dwelling house as indicated on the attached site plan. The principal entrance is at the front elevation of the dwelling house. Fire and rescue service pumping appliance provisions in place are no worse than existing.

The evacuation assembly point is at the front of the dwelling house. This should be 2.5 x the height of the house. There is also a public footpath via the main road. The evacuation assembly point is no worse than existing.

The fire alarm system will be installed in accordance with BS5839-6. All upper floor habitable rooms and any inner rooms are to be provided with emergency egress windows in accordance with Approved Document B – Volume 1 – Section 2.2, 2.10 and Diagram 2.1. FD30 doors are being provided to all habitable rooms within the dwelling to form a protected escape route in accordance with Approved Document B Volume 1

Any elements supporting upper floor structure is to achieve 30 minutes fire resistance in accordance with Approved Document B – Volume 1 – Table B4

The proposed external walls for the extension are constructed in a non-combustible material achieving a class rating of Class B-s3, d2(2) or better. There are no unprotected areas on the boundary. The flat roof section will achieve a class rating of BROOF(t4).

Means of Escape: - All upper floor habitable rooms and any inner rooms are to be provided with emergency egress windows in accordance with Approved Document B – Volume 1 – Section 2.2, 2.10 and Diagram 2.1. FD30 doors are being provided to all habitable rooms within the dwelling to form a protected escape route in accordance with Approved Document B Volume 1

Evacuation Strategy:- The proposed works is a single dwelling house. The evacuation strategy is an all out policy to the evacuation assembly point at the front of the dwelling or further by using the public footpath away from the dwelling.

Fire and rescue service pumping appliances can set down outside the front of dwelling house as indicated on the attached site plan. The fire hydrant provisions in place for this road is as existing. Fire brigade access is achievable to 45m of all parts of the dwelling.