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Project:

71 Chester Road,
HA6 1BG

FIRE SAFETY STRATEGY
POLICY D12 PLANNING IMPLEMENTATION

This document has been prepared by Extension Architecture on behalf of the client for **71 Chester Road, HA6 1BG**

in support of the **Householder Application** of Proposed Use application

Description of Works:

Erection of a first-floor rear extension to the existing dwelling

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Summary of Functional Requirements for Part B of Building Regulations for 71 Chester Road, HA6 1BG

The table below is a list of fire safety objectives and performance requirements for the development of **71 Chester Road, HA6 1BG**, as evidence for the provision of fire safety measures for occupants of the property.

Fire Safety Compliance

Means of Escape	Shortest possible travel distance into the fire compartment hall leading to fire exit.
Compartmentation	Stairwell (fire escape) separated and compartmentalised from adjoining rooms by 30min plasterboard walls.
Structural Fire Resistance	All steels to be encased in fire rated plasterboards 15mm gypsum board GyrocFireLine 30min resistance.
Active Heat and Smoke Detection Alarms	Heat detectors in kitchens, smoke alarms in halls and loft. No sprinklers needed.
Emergency Lighting and Signage	N/A
Access and Facilities for Fire Fighting	Fire truck access on street in front of building.
Smoke Management Systems	FD30 doors. Passive ventilation via windows.
Passive Fire Prevention Systems	FD30 doors . Passive ventilation via windows.
Automatic Suppression Systems	N/A - No sprinklers required.

Schedule of Materials

The table below is used to identify the main construction elements for the proposal and outlines the passive and active fire safety building control measures that will be followed in order to reduce the risk of fire.

Element	Component
Internal Walls – Type A	Single layer 12mm plasterboard with 100mm timber stud
Internal Walls – Type B	Double plaster boards with 100mm timber stud
External Walls – Type A	Non-combustible Brick inner and outer leaf
External Walls – Type B (Dormer)	Timber construction finished with plasterboards internally and slate externally
Roof – Type A (Dormer)	Timber roof with GRP finish
Roof – Type B	Timber roof with clay tiles
Floors – Type A	Fire treated Timber in floor with tile finish on the floor and single layer plaster boards on ceilings
Floor B – Type B	Fire treated Timber in floor with laminate finish on the floor and single layer plaster boards on ceilings
Doors	Solid timber doors with FD30 rating.
Stairs	Hardwood stairs.
Steels	All steels to be encased in fire rated plasterboards 15mm gypsum board GyrocFireLine 60min resistance.
Heat Detector/Alarm	Eil44RC Heat Alarm 140RC Series Type Thermistor 58 degrees
Smoke Detector/Alarm	I3 Photoelectric Smoke Detector System Sensor Type (Model 2W-B, 4W-B) with thermal sensor rated 57.2 degrees C.