FIRE SAFETY STATEMENT

This statement is prepared as support for the planning application. This statement will be implemented, once the planning application will be approved. Also building regulation specifications and details that will need to be approved by an independent Government approved Building Inspector.

Site

100 Grosvenor Avenue. Hayes. UB4 8NN. Is two- storey Semi Detached House used as a family dwelling.

Proposal

The is a single storey rear extension, works are wholly within the land belonging to 100 Grosvenor Avenue. Hayes. UB4 8NN.

Fire Doors

Fire doors to be 30-minute integrity performance when tested to BS476:

Part2:1987.Doors and Frames to be as supplied by the manufacturer, Complete with intumescent strip and cold smoke seals. Ironmongery to fire doors to be as recommended by manufacturer.

All fire doors to be fitted with suitable self closing devices (except for doors to cupboards), Perko self closers or rising butt hinges where such hinges effectively close the door (minimum melting point of hinges to be 800 degrees centigrade.)

Smoke detector

The smoke and heat alarms should be interconnected mains-operated and conform to BS EN 14604:2005, smoke alarm devices or BS 5446-2:2003.

Alarms to be permanently wired to a separate fused circuit at the distribution board and to have battery back-up.

There should be at least one smoke alarm on every storey of a dwelling house.

Where the kitchen area not separated from the stairway or circulation space by a door, there should be a compatible interlinked heat detector or heat alarm in the

kitchen.

Smoke alarms/detectors should be sited so that:

- In all circulation areas at each storey level that forms part of escape route from the dwelling.
- There is a smoke alarm in the circulation space within 7.5m of the door to every habitable room.
- Smoke and heat alarms should not be fixed near appliances etc. That are likely to give a false alarm.

Means of Escape

The windows should have an unobstructed open able area that is at least 0.33m2 and at least 450mm wide (the route through the window may be at an angle rather than straight through). The bottom of the open able area should be not more than 1100mm above the floor.

Fire-Resistant Internal Finishes

For all structural elements, such as floors, walls and beams, fire resistance of at least 30 minutes is required. This is usually achieved by using fire rated plasterboard at least 9.5mm thick and a plaster set finish.

For the internal wall and ceilings finishes, materials need to be class 1 rated to prevent fire spread

Electrical Installation

All wiring and electrical work must be designed , installed, inspected and tested in accordance with the requirement of BS 7671, wiring Guidance and Building Regulations part P (Electrical safety).

An appropriate BS7671 Electrical Installation Certificate is to be issued for the work by a competent electrician.

A copy of certificate must be forwarded to building control on completion.

Sockets/outlets must be installed 150mm minimum from worktop

Socket/outlets and similar accessories should be mounted at not less than 300mm (ideally not less than 1000mm) in the horizontal plane, from the extremities of a sink, tap or wash basin, hobs.

Approved documents M recommends that in new dwellings only, switches and sockets/outlets for lighting and other equipment should be between 450mm and 1200mm from finishing floor level and 350m away from corners.

Fire Extinguisher

1 x 2kg powder fire extinguisher and 1 x 1.0mx1.0m fire blanket will be provided in the kitchen area.

Access for Fire Engines

Fire will have access to within 45m of ever point of the house or to 15% of its perimeter. The road is well positioned for fire appliances.

Means of Escape

Means of escape will be through the main door of the property. The meeting point once the property has been evacuated will be in the street immediately outside.

Alternatively The escape route can also be used from the rear door of the property and assemble in the rear Garden.

All works will comply with the Building Regulations and approved by the Building Control inspector.

Conclusion

This Fire safety statement demonstrates that adequate measures on design have been considerate and that the development will comply with the fire regulation. In the Building Regulation application these measures will be defined further to be approved by an independent third-party Approved Inspector for building regulation approval.