

## FIRE SAFETY STRATEGY

The proposal is for wraparound ground floor extension.

The property is located at 147 Amyand Park Road, Twickenham, TW1 3HN

### Space provisions for fire appliances and assembly

Fire appliances (fire extinguisher and fire blanket) will be stored in the hallway of the property. A designated cupboard will be used for this purpose.

The builders will be directed not to block the front entrance/exit of the property during the construction phase. Access will remain unchanged.

### Smoke and Fire Detectors

The design does not alter many of the fire safety arrangements already in place.

The kitchen is proposed at ground floor level and will be connected to the living room. The kitchen should be enclosed by fire rated doors.

New Heat detector should be placed in the kitchen/dining room. All alarms should be marked with a current British Standards or European (CE) safety mark. It is also recommended to install smoke alarms with a 10 year or long-lasting sealed battery.

The smoke detectors should be installed in the living room and hall. Carbon monoxide alarm is recommended but not mandatory to be installed at each room of the fuel burning appliance, such as gas-powered boiler stove and in every room through which a flue from one of those appliances passes.

All gas appliances, including new boiler, oven, hob, and gas fire, should be serviced annually by a Gas Safe registered engineer.

### Passive and active safety measures

Means of escape (protected stairways)

The upper floors should be served by a protected stairway.

It should be protected at all the levels.

Install an automatic electronically controlled smoke alarm and fire detection system, interlinked with a battery back-up at all landings and within habitable areas.

Ceilings and walls with steel structure will be closed with fire rated plasterboard rated to one hour minimum as per building regulations.

### Information and data on construction products and materials

The steel beams and lintels should be designed by the structural engineer and covered with plasterboard with a 60min fire protection. All materials should be sourced from reputable suppliers and comply with industry standards including fire regulations.

All the proposed materials and workmanship to be inspected and approved by an approved Building Control Officer (BCO). A fully compliant BCO drawings will be available at the construction stage.

Information on means of escape and evacuation strategy.

Upon hearing a fire alarm, residents to use the closest emergency evacuation route and go to the assembly point.

Information on access and equipment for firefighting

The current proposed works do not alter the access to the flat from the street, and it will be possible for fire appliances to be used near and within the building. The main internal circulation routes through the property will remain as per the existing and will allow fire services unincumbered access to the entirety of the flat for the completion of their tasks.

SIMPLY ARCHITECTS

June 2024