

Scale: 1:50

## Approved Document B Volume 1: Dwellings/houses; Part 2

### Steel Beams / Columns

Fully or partially obscured by studwork / concrete floors  
Protection to be fire protection profile and fireproofing elements.

### Compartment Walls

To be taken up to underside of roof or floor finish and fire stopped with proprietary joint filler, size to be as recommended by the manufacturer to give 30 mins fire resistance up to 5m to 6m above floor level, around level or 60 mins above 5m.

### Fire Resistant Walls

To be taken up to underside of sloff finish soffit and fire stopped with proprietary profiled filler section, size to be as recommended by the manufacturer to give required fire resistance.

### Fire Resistant Walls 2

To be taken up through plasterboard ceiling and ceiling boards, fire required fire resistance to the ceiling.

### Compartment Wall, Floors and Fire Resisting Ducting

All penetrations should be adequately protected by sealing or fireproofing of the element through which the objects pass is not impaired.

### Fire Detection Systems

All new dwelling houses to be provided with a fire alarm and fire detection system in accordance with the recommendations of 6:2004 to at least a Grade A Ducting L03 standard. The alarm and fire alarm system should be mains operated and a central power supply such as a battery and conform to BS EN 14604:2005, Smoke alarm detectors, BS 5846 - 2:2004. Fire alarm and fire detection devices for dwellings. Part 2. Specification for heat alarms, respectively. Positions shown are for the alarm only. The contractor's responsibility to determine final fixing positions and agree them with the Architect and Building Control to installation.

### Positioning of Smoke and Heat Alarms

Smoke alarms should be positioned in relation spaces between sleeping spaces and where fires are most likely to start in the dwelling. Heat alarms should be positioned in the sleeping areas installed they are all to be linked so that all alarms activate simultaneously. Smoke alarms/detectors are to be sited in the sleeping areas, bedrooms, living areas, hallways, and corridors mounted at least 300mm from walls and light fittings. The alarm should be ceiling mounted at least 25mm and 600mm below the ceiling or 25mm to 150mm in the case of heat detectors.

### Power Supplies

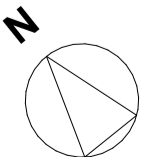
The power supply for a smoke alarm system is to be connected to the mains supply and contain supply and comprise of an auxiliary power supply / back up



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Rev	Date	Drawn	Note
P02	01/04/2022	KRJ	Fire strategy updated
T01	02/07/2024	KRJ	Updated to show two phases (phase 1 the Cottage & End of Terrace ) (phase 2 refurbishment of the remainder) Drawing updated to "Tender" status



**brp**  
architects

1 Millers Yard  
Roman Way  
Market Harborough  
Leicestershire  
LE16 7PW

t : 01858 464986  
brp-architects.com

Client  
Action Homeless

Project Title

Proposed Alterations  
Mayfield House, St James Terrace /  
Mayfield Road,  
Leicester

First Floor Fire Strategy 1 of 2

Drawing Status

**Tender**

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