



architects

FIRE SAFETY STRATEGY

4a Wembury Mews, London, N6 5XJ

The application site contains a terraced building which is three storey high from Archway Road and 4 storeys high as seen from Wembury Mews. The building is registered as "166 Archway Road" and the application unit is an existing one bedroom self-contained ground floor unit registered as "4a Wembury Mews". The access to the application unit is via Wembury Mews.

The current proposal is for Replacement of roof covering incorporating roof lights and glass roof above courtyard, relocation of the entrance door and new windows and internal alterations.

The Fire Safety Strategy comprises several elements all of which will conform to current Building Regulations approval:

To comply with Policy D12 The London Plan 2021 several fire safety features have been incorporated within the construction to achieve the highest standards of fire safety:

- There is ample space to the front of 166 Archway Road and Langdon Park Road for Fire appliances and assembly of the inhabitants.
- Fire doors separate habitable rooms from the means of escape principally bedroom, living room and kitchen. Mains powered interlinked smoke detectors are placed in hallway to final exit. The kitchen to have Heat detector linked to the alarm system. BS 5446
- Detectors should not be within 300mm of any vertical faces or light fittings.
- Escape door between rooms to be min 600 wide x 2030high
- Doors to all rooms (except bathrooms and showers) must be FD20/E20.
- Glazing within or above doors to habitable rooms on each floor level to be minimum 30 minutes fire resisting.
- Where svp penetrates floor it should be encased to achieve 30 minutes fire resistance.
- Partition & floor within escape route to be within 30 minute fire resisting construction.
- Existing exposed floor area within the escape route is to be filled with 100mm insulation on chicken wire in the floor void
- In the event of a Fire the building population will evacuate to a place of safety such as St Augustine's Church on Landgon Park Road.

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