

Fire protection

AQ3000 case study

Domestic fire sprinklers - Award winning 'House-on-stilts'

Project

Whitehaven, Stratford Upon Avon, England
National Homebuilder Design Awards 2005 winner - *Best House of 1 or 2 storeys*

Fire risk analysis

A concept to cope with an 'extreme flood event' was developed by Warwick Architects SMC Corstorphine & Wright. Alex McIntyre of Nottingham Architects Beckett Jackson Thompson detailed the resulting luxurious riverside 'House-on-stilts'.

To satisfy the Environment Agency, Planning Authorities and Building Regulations, the concept design was tweaked until the designs were finalized, and acceptable to all. Due to the additional height of the house (effectively 3 storeys), and the open plan nature of the spaces inside, residential fire sprinklers were considered as an essential aid to protect the escape routes from the upper levels.

Further information

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Solution

Finished to a very high specification, the interior designers called for the very best fittings. Included are Miele appliances, Villeroy & Boch fittings to all 4 Ensuite bathrooms, A Japanese hydrotherapy tub, and a four-zone entertainment system with home cinema.

The residential fire sprinklers system, designed and installed by Autoquench used white Viking Mirage concealed heads throughout to compliment the luxury interior



Members of the Fire Prevention
Association

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