

Message

**From:** Hugh Mahoney [hm@psbuk.com]  
**Sent:** 12/06/2015 07:46:07  
**To:** David Bradbury [davidbradbury@jswright.co.uk]; Hanson, Paul: CP-Plan [paul.hanson@rbkc.gov.uk]  
**Subject:** RE: Grenfell Tower AOV  
**Attachments:** Grenfell Tower Tech Sub Lobby Smoke Control Systems Rev 3.pdf

Hi David,

Please find attached my revised copy of the technical submission with the paragraph removed, as requested.

Regards  
Hugh Mahoney  
Commercial Manager

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**From:** David Bradbury [mailto:DavidBradbury@jswright.co.uk]  
**Sent:** 11 June 2015 10:34  
**To:** Paul.Hanson@rbkc.gov.uk  
**Cc:** Hugh Mahoney  
**Subject:** Grenfell Tower AOV  
**Importance:** High

Hi Paul,

Further to our telephone conversation, regarding the following statement in our technical submission:

#### 1.1.2 Smoke Control Proposals

The final smoke control system has been designed to provide the existing stairwell with protection from the ingress of smoke, from a fire within a dwelling, by means of a mechanical extract system. The system has been designed to provide an average open door velocity, across an open lobby/stairwell door of 2.0m/s. This velocity is in accordance with the recommendation for a Class B pressure differential system as defined in Code of Practice BSEN12101 Part 6: Specification for pressure differential systems — Kits. (bsen12101-6)

It should be noted that as the system is designed to extract air from the lobby, via the open stairwell door, the system is not designed to comply with all the requirements of the aforementioned Code of Practice.

The smoke control measures in the lobby areas will be implemented in two phases. Phase 1 will be to re-instate the natural smoke ventilation system consisting, of two natural smoke extract shafts and two natural air inlet shafts, with new motorised dampers in each lobby complete with a Programmable Logic Control System (PLC)

I've left a message with Hugh but I know he's out of the office today so we'll get back to you as soon as possible.

Kind regards,

Dave Bradbury  
Design Manager  
Head Office

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