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**From:** Allen, John: PC-BlgCtrl [john.allen@rbkc.gov.uk]  
**Sent:** 11/11/2013 07:58:41  
**To:** Bruce Sounes [bruce@studioe.co.uk]  
**CC:** Terry Ashton [terry.ashton@exova.com]; d.campbell@maxfordham.com; Grenfell [grenfell@studioe.co.uk]; Hanson, Paul: PC-BlgCtrl [paul.hanson@rbkc.gov.uk]  
**Subject:** RE: Grenfell Tower Refurbishment - Fire Strategy

Bruce, we do not feel that the information submitted so far is adequate to enable an effective consultation with the fire authority.

Under the Building Regulations providing it can be shown that the new system is no worse than the old system this will be acceptable. If there is no data on the existing system a way forward might be to measure the flow rates of the present situation and provide information about the proposed system.

The question that needs to be proposed to the Brigade is whether the replacement smoke extract system to the residential parts will be acceptable.

A letter needs to be written that can be forwarded to the fire authority that presents information on the existing smoke extract system (Design and performance) and the proposed replacement system.

This should include the following:

Confirmation of design of existing system. Is it natural ventilation or mechanical or a combination.

Method of activation of natural/powered system and fire brigade controls

Size of natural vent shaft

Powered ventilation extract rate in m<sup>3</sup>/s

Inlet air provision (Size if natural in m<sup>2</sup> or m<sup>3</sup>/s if powered)

Confirmation of proposed system, same responses as above.

Any differences to the existing system ie that it is being used for the normal ventilation system should be indicated.

The case to justify the proposal

Please give me a call if you wish to discuss this.

John Allen  
Building Control Manager  
The Royal Borough of Kensington and Chelsea  
The Town Hall, Hornton Street, London W8 7NX

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**From:** Bruce Sounes [mailto:bruce@studioe.co.uk]  
**Sent:** 25 October 2013 14:18  
**To:** Allen, John: PC-BlgCtrl; Hanson, Paul: PC-BlgCtrl  
**Cc:** Terry Ashton; d.campbell@maxfordham.com; Grenfell  
**Subject:** Grenfell Tower Refurbishment - Fire Strategy

Dear John and Paul,

Further to our meeting at RBKC on 17 August we are now in a position to forward your our proposed fire strategy for Grenfell Tower for comment. Please see attached fire strategy drawings, strategy document from Exova and a description of the proposed upgrade to the smoke exhaust system.

As discussed you will forward this to London Fire Brigade so that the TMO may receive a response as soon as possible. We believe that agreement on the smoke ventilation to the tower is the single biggest risk to the proposals, but we don't think it is reasonable to leave the existing system in place.

Documents attached:

1279\_PL010\_Existing Floor Plans.pdf  
1279\_PL200\_Proposed Sections\_Rev01.pdf  
1279\_SEA\_(08) 100 Fire Access.pdf  
1279\_SEA\_(08) 101 Fire Strategy.pdf  
M&E - Smoke Control Proposals - Rev A.pdf  
MT14634R.Iss 02 - Grenfell Tower - OFSS.pdf

There are a number of other issues in dealing with this refurbishment that need to be discussed and this is probably best done in person once you have had a chance to study the documents. Would you be able to advise availability for a meeting week commencing 4 November?

Many thanks

Bruce Sounes

For and on behalf of

**STUDIO E LLP**

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