

Sent: Wed, 02 Oct 2013 19:41:07 +0100
From: m.smith@maxfordham.com
To: Terry Ashton <terry.ashton@exova.com>
Cc: Bruce Sounes <bruce@studioe.co.uk>, "d.campbell@maxfordham.com" <d.campbell@maxfordham.com>, Grenfell <grenfell@studioe.co.uk>
Subject: RE: Grenfell Tower - Stair Configuration
[Attachment](#)
[Attachment](#)
[Attachment](#)
[Attachment](#)
[.png](#)

Bruce / Terry

I've marked up the drawing with a few comments - apologies if they're a bit simple but it's key that we're all on the same page as to how these lobbies are vented. Can I have your comments please?

I agree that we should get our proposal to Building Control asap so as to keep the momentum. If we can continue to review tomorrow then perhaps we should aim for end of play Friday/early next week for a concise document? A lot of this falls on us so we'd be happy to take the lead with the smoke extract document.

Kind regards,

Matt

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From: Terry Ashton <Terry.Ashton@Exova.com>

To: Bruce Sounes <bruce@studioe.co.uk>,

Cc: "d.campbell@maxfordham.com" <d.campbell@maxfordham.com>, "M.Smith@maxfordham.com" <M.Smith@maxfordham.com>, Grenfell <Grenfell@studioe.co.uk>

Date: 02/10/2013 11:24

Subject: RE: Grenfell Tower - Stair Configuration

Bruce

I'm afraid that this would compromise the existing strategy and wouldn't work. We could make it work but we would need to introduce two fire doors – one to the boxing club and one to the entrance atrium and we would also have to provide smoke ventilation to the lift lobby. This strikes me as a “bridge too far”.

Kind regards

Terry

Terry Ashton: *Associate, Fire Engineering (Europe)*

Exova Warringtonfire

T: [REDACTED] M: [REDACTED]

Exova



From: Bruce Sounes [<mailto:bruce@studioe.co.uk>]

Sent: 02 October 2013 10:44

To: Terry Ashton

Cc: d.campbell@maxfordham.com; M.Smith@maxfordham.com; Grenfell

Subject: RE: Grenfell Tower - Stair Configuration

Terry,

Thanks for the response. Can I push it a further and possibly connect the boxing club at Walkway with the lift lobby for occasional deliveries, without a lobby – a roller shutter for instance? See markup attached.

Matt, Duncan,

It might be preferable to have the second means of exit from the boxing via room A217 (blue arrow, attached). How far are we from being able to approach Building Control with a motivation/justification for the smoke exhaust system? I would like to forward the updated draft fire strategy, and draft fire escape drawings as soon as possible.

Regards

Bruce Sounes

For and on behalf of

STUDIO E LLP

Palace Wharf, Rainville Road, London W6 9HN

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From: Terry Ashton [<mailto:Terry.Ashton@Exova.com>]

Sent: 02 October 2013 09:20

To: Bruce Sounes

Cc: d.campbell@maxfordham.com

Subject: FW: Grenfell Tower - Stair Configuration

Bruce

Further to our telephone conversation yesterday I have looked at your layouts again. I don't think that we need any additional doors between the lift lobby and the entrance atrium other than the one at mezzanine level I showed on the annotated drawing I sent to you.

With regard to the performance of the existing smoke extract system I confirm that I thought that Max Fordham were going to deal with this. I'd be happy to assist them, if necessary.

Kind regards

Terry

Terry Ashton: *Associate, Fire Engineering (Europe)*

Exova Warringtonfire

T: [REDACTED] M: [REDACTED]

Exova



From: Terry Ashton

Sent: 01 October 2013 11:14

To: 'Bruce Sounes'; M.Smith@maxfordham.com; Tom Ashton

Cc: d.campbell@maxfordham.com; Grenfell

Subject: RE: Grenfell Tower - Stair Configuration

Bruce

See my responses in red and annotated copy of your drawing attached. If you require any explanation for the notes on the drawing, please do not hesitate to contact me.

Kind regards

Terry

Terry Ashton: Associate, Fire Engineering (Europe)

Exova Warringtonfire

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Exova



From: Bruce Sounes [<mailto:bruce@studioe.co.uk>]

Sent: 30 September 2013 22:09

To: Terry Ashton; M.Smith@maxfordham.com; Tom Ashton

Cc: d.campbell@maxfordham.com; Grenfell

Subject: Grenfell Tower - Stair Configuration

Dear All

Further to your previous email please see attached an alternative to the podium configuration which rotates the stair 90 degrees.

The layouts of the Boxing and Office need to be agreed with the client/stakeholders. As they areas have not been briefed so they could change. I nevertheless want to submit something that works to Building Control in the next few days.

There are a number of questions:

- * * * * Will they accept the smoke ventilation strategy? (AOV's linked to lobbies 1 no. at mezzanine, 2no. at Walkway)?

My view is that a lobby with a 1.5m² vent is code compliant

- * * * * What free area AOV's do we need to the main stair and entrance, if any?

If all areas are separated from this area by ventilated lobbies as/my notes ion your drawing - no

- * * * * Have you done calculations for free area for natural ventilation?

It won't be necessary to provide calculations to justify the use of lobbies with 1.5m² AOVs

- * * * * Will they accept the tighter stair to the EMB office? 13no. risers @ 200mm?

Part K question (not within my competence)

- * * * * Can we punch the large holes in the core walls as shown?

- * * * * Can we create a route to the 1BED flat at Mezzanine? Not sure of existing services.

- * * * * The Acoustics report, p7 attached asks for resilient flooring to the boxing, as well as plasterboard to the flats below

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latter won't be possible because of head height. Please could you advise whether a fully sprung floor to the boxing could be satisfactory on its own?

Please could you each come back to me?

Many thanks

Bruce Sounes

For and on behalf of

STUDIO E LLP

Palace Wharf, Rainville Road, London W6 9HN

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