
From: Terry Ashton
Sent: 07 November 2013 10:04
To: Bruce Sounes
Subject: RE: Grenfell - Fire Strategy comments

Bruce

Fire curtain

The fire curtain need only have a 60 minute standard of fire resistance in terms of integrity as it would be comparable to a door

Use of fire rated glazing

We could out this forward as a proposal and see what RBKC says

Move 2 hour line to front of counter

Whilst this would not strictly comply, we could also see what RBKC says

Fire resistance of steel structures

Please see my response to Tomas (30 minutes if independent from main structure).

As/my email to Tomas, I need your decision on these items today so that I can update the report

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: 06 November 2013 17:41
To: Terry Ashton
Cc: Grenfell
Subject: RE: Grenfell - Fire Strategy comments

Hi Terry,

Sorry I was out until 3pm. We would much prefer to go with this option and so too would the client. I'm unclear on whether there is any additional cost.

Would the fire curtain need to be 60min integrity? <http://www.coopersfire.com/products/smokecurtains-vertical.php> suggests these come as 2hr standard.

Could a 60min integrity glass be used for all or part of the counter length? (to reduce cost)

Would a 2hr fire curtain mean the 2hr line moves to the front of the counter?

We had a query in the office about the rating of the new structure in the lobby. I would assume it would need to be 2hr to be consistent with the rest of the tower? We would like to do something visually light-weight but 2hr decorative intumescent coating sounds expensive.

I note on your revised report you've said the Class 0 would be factory applied. Turns out this is available and not too expensive: <http://www.specialisedpanels.co.uk/index.html>.

Regards

From: Terry Ashton [<mailto:Terry.Ashton@Exova.com>]
Sent: 06 November 2013 16:31
To: Bruce Sounes
Subject: FW: Grenfell - Fire Strategy comments

Bruce

Are you happy with the changes? If you are, I'll update the report and send it to you tomorrow

Kind regards

Terry

Terry Ashton: *Associate, Fire Engineering (Europe)*
Exova Warringtonfire
T: [REDACTED] M: [REDACTED]
Exova



From: Terry Ashton
Sent: 06 November 2013 09:22
To: 'Bruce Sounes'
Cc: Grenfell; M.Smith@maxfordham.com
Subject: RE: Grenfell - Fire Strategy comments

Bruce

I've re-done the compartmentation drawings showing what would be necessary if you didn't want to fire rate the screen and door between the boxing club stair and the entrance void. If you're happy with the changes, I'll amend the report and send it to you. The basis for connecting both AOVs to the stair is that the lower one will provide replacement air for the one at high level. There would be no need to have two AOVs at ground floor level unless you thought that was better architecturally. The opening between the stair and the shaft connecting to the AOV on the external façade could just be a louvred panel providing the same geometric free area as the AOV.

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: 05 November 2013 20:12

To: Terry Ashton

Cc: Grenfell; M.Smith@maxfordham.com

Subject: RE: Grenfell - Fire Strategy comments

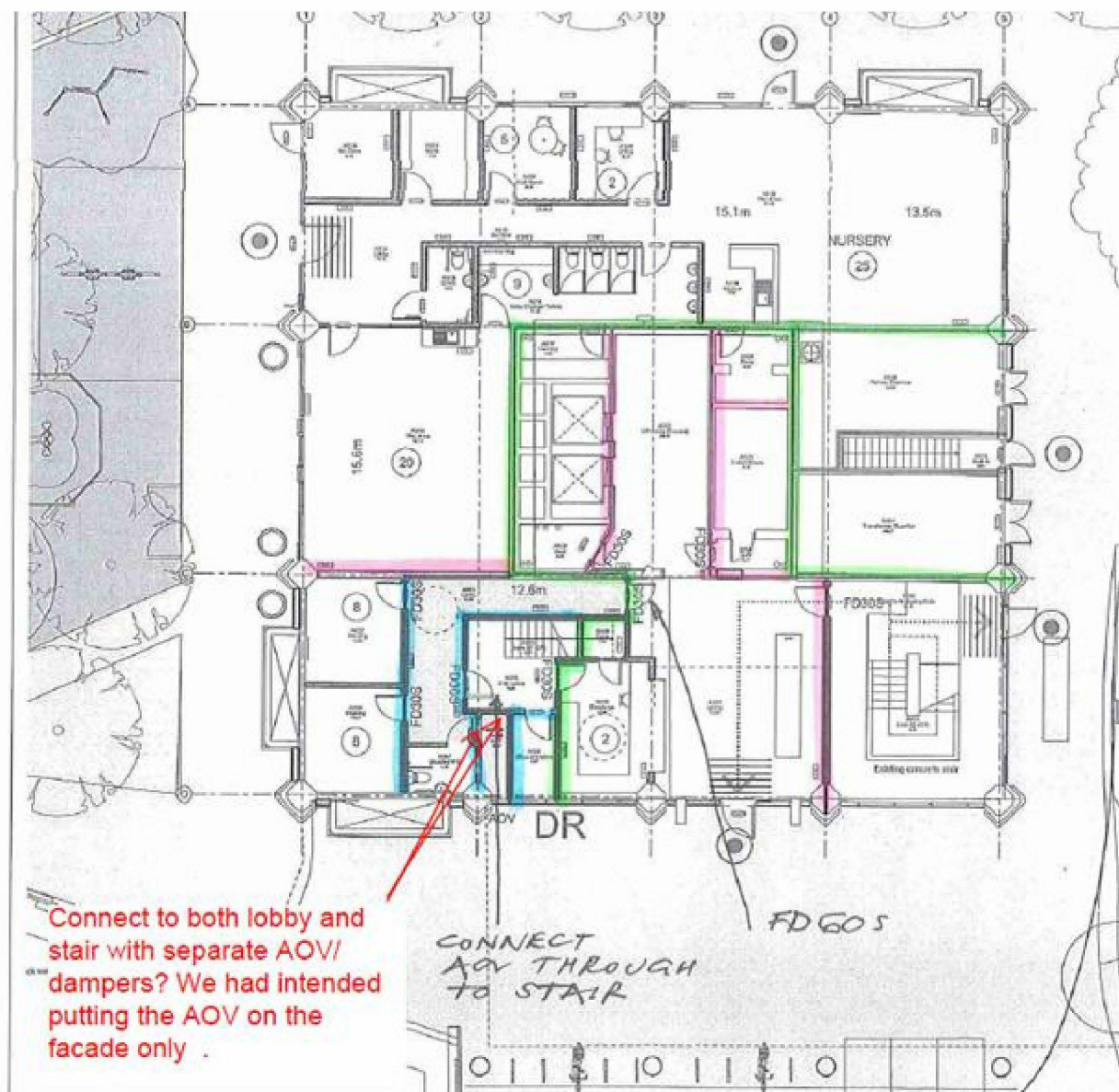
Terry,

Thanks for the quick response.

1. Separating wall

We don't like the separating wall between stair and lobby. There is a need to maintain a separation for security but it would be preferable if this was just a low screen and door at each level. The concierge would have a good view of what's going on.

I don't understand the need for the 60 minute separation because you have to pass through the (sterile) entrance lobby to get to the stair anyway. If there is a issue of smoke we could put an AOV on the façade.



Regards

Bruce Sounes

For and on behalf of
STUDIO E LLP

Palace Wharf, Rainville Road, London W6 9HN
T [REDACTED] | F [REDACTED] | www.studioe.co.uk

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

Sent: 05 November 2013 16:31

To: Tomas Rek

Cc: Bruce Sounes

Subject: RE: Grenfell - Fire Strategy comments

<K:\SEA Projects\1279 Grenfell Tower\Cad\Visual\Consult In\Exova\20131105 revised>

Tomas/Bruce

Further to Bruce's earlier email I've revised the report (see the draft with changes highlighted in yellow attached) and have annotated copies of the drawings with the necessary fire ratings using your colour scheme(see attached). Hopefully, we should be able to finalise both within the timescale Bruce identified.

Kind regards

Terry

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

T: [REDACTED] M: [REDACTED]
Exova



From: Tomas Rek [<mailto:tomas@studioe.co.uk>]
Sent: 05 November 2013 14:51
To: Terry Ashton
Cc: Grenfell
Subject: RE: Grenfell - Fire Strategy comments

Terry,

- Please find attached the latest drawings.
- The apartments at mezzanine level are new. The current nursery resides there now.

Regards

Tomas

From: Terry Ashton [<mailto:Terry.Ashton@Exova.com>]
Sent: 05 November 2013 12:00
To: Bruce Sounes
Subject: RE: Grenfell - Fire Strategy comments

Bruce

I'm amending the report to marry up with the fire strategy drawings that you attached to your email. I need clarification on two points in order to be able to complete this task:

- Are the drawings the latest ones?; and
- Are the apartments at mezzanine level new or existing apartments?

Kind regards

Terry

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

T: [REDACTED] M: [REDACTED]



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

Sent: 05 November 2013 09:45

To: Terry Ashton

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

Subject: Grenfell - Fire Strategy comments

Terry,

I have some comments on your fire strategy, attached. There are some discrepancies on travel distances and we need your final run through on the fire strategy drawings, attached. Time is running out. We need to finalize within a week.

Many thanks

Bruce Sounes

For and on behalf of

STUDIO E LLP

Palace Wharf, Rainville Road, London W6 9HN

T [REDACTED] | F [REDACTED] | www.studioe.co.uk

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