
From: David Bradbury
Sent: 06 March 2015 15:33
To: Simon Lawrence; Neil Crawford; Hugh Mahoney
Subject: RE: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings
Attachments: Grenfell AOV mark-up Rev...pdf

Guys,

I've had a go at repositioning the shaft into the risers, this is just an initial route (thinking out loud) mark up. I'm not 100% sure what's in these risers? So this may not be possible. (there's a clash with our drainage on dwg 403 but we can look into a solution for this).

Hugh, as the structural engineer cant approve the openings into the mezz level, we are looking to possibly re-route the ducts. From a technical point of view on how the AOV will operate, do you have any objections to the way I've shown the shaft on the attached drawings?

Please excuse the poor mark-up as I just want to get a discussion going on possible routes.

Kind regards,

Dave Bradbury
Design Manager
Head Office

Tel: [REDACTED] | Fax: [REDACTED] | Mob: [REDACTED] | Email: davidbradbury@jswright.co.uk | Web: www.jswright.co.uk

From: Simon Lawrence [mailto:slawrence@rydon.co.uk]
Sent: 06 March 2015 13:06
To: David Bradbury; Niall McDonagh; Neil Crawford; Simon O'Connor; Jason North
Cc: Stefano Strazzullo; Suleyman Ekingen
Subject: RE: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings
Importance: High

Afternoon All,

Following a conversation I've had with several of you it seems that we have an issue with the AOV penetrations on the Mezzanine level. In order for the building to be safe in the event of a fire we need to be able to connect the AOV shaft to all floors. It is also requirement by Building Control Officer. We therefore have no choice but to find a solution to this design issue. As I see it we have the following options:-

1. Redesign AOV duct so the louvre feeding the Mezzanine level is in another location.
Dave – I know we have already looked into using the riser shafts and other areas but can you revisit this please?
Suleyman – Where else is acceptable to have a 600mm x 1000mm opening as per the previous request?
2. Keep the suggested louvre hole in the same place and find a structural solution.
Suleyman – I understand you've had a discussion with Dave and are not able to ok the proposed hole. I presume that this isn't acceptable without some sort of other support or remedial works. Are you able to design or suggest any support structure that will allow this hole to be cut?

Your thoughts would be appreciated sooner rather than later please.

Regards

Simon Lawrence, ACIOB, MInstLM
Contracts Manager

T [REDACTED]
M [REDACTED]

From: David Bradbury [<mailto:DavidBradbury@jswright.co.uk>]
Sent: 06 March 2015 08:53
To: Niall McDonagh; Neil Crawford; Simon Lawrence; Simon O'Connor; Jason North
Cc: Laura Field; Stefano Strazzullo; Suleyman Ekingen
Subject: RE: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings

Thank you for the drawings, the hole shown on the walkway south elevation at high level isn't actually required but the low level one on the south elevation is required, I've marked up the drawing attached.

Regarding the marked up openings on mezzanine as 'not accepted'. Why are these not accepted? Can we discuss the alternatives as we will need to get into the lobby on both sides. **Suleyman, can you give me a call when you're in to discuss, thanks.**

Kind regards,

Dave Bradbury
Design Manager
Head Office

Tel: [REDACTED] | Fax: [REDACTED] | Mob: [REDACTED] | Email: davidbradbury@jswright.co.uk | Web: www.jswright.co.uk

From: Niall McDonagh [<mailto:Niall.McDonagh@curtins.com>]
Sent: 05 March 2015 17:27
To: David Bradbury; Neil Crawford; slawrence@rydon.co.uk; Simon O'Connor (SOConnor@rydon.co.uk); Jason North (jnorth@rydon.co.uk)
Cc: lfield@rydon.co.uk; Stefano Strazzullo; Suleyman Ekingen
Subject: RE: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings

All,

Please find attached Curtins' comments and proposal to M&E's proposed vertical and horizontal holes within slab and core wall.

Kind regards,
Niall

Niall McDonagh Graduate Engineer

Curtins

T. [REDACTED] | F. [REDACTED] | niall.mcdonagh@curtins.com

From: David Bradbury [<mailto:DavidBradbury@jswright.co.uk>]
Sent: 26 February 2015 14:11
To: Neil Crawford; Suleyman Ekingen; slawrence@rydon.co.uk; Simon O'Connor (SOConnor@rydon.co.uk); Jason North (jnorth@rydon.co.uk)
Cc: lfield@rydon.co.uk; Edgar Ferenzena; Stefano Strazzullo
Subject: RE: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings

Neil,

I've marked up the drawings attached as discussed. only issue I've got now is how to get into the ground floor lift lobby, as moving the shaft at mezz level has helped the other areas but caused another issue at the ground unless we can have two high level bulk heads as I appreciate the ceiling heights are low on this level. We could duct it to suit and have a wider opening to reduce the depth. I've tried to call to discuss but I believe you're in a meeting all day today so I'll try again later or in the morning.

Kind regards,

Dave Bradbury
Design Manager
Head Office

Tel: [REDACTED] | Fax: [REDACTED] | Mob: [REDACTED] | Email: davidbradbury@jswright.co.uk | Web: www.jswright.co.uk

From: Neil Crawford [<mailto:Neil@studioe.co.uk>]

Sent: 24 February 2015 17:07

To: Suleyman Ekingen; slawrence@rydon.co.uk; Simon O'Connor (SOConnor@rydon.co.uk); Jason North (jnorth@rydon.co.uk); David Bradbury

Cc: lfield@rydon.co.uk; Edgar Ferenzena; Stefano Strazzullo

Subject: RE: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings

Hi David

Can I ask you to mark these up as per our meeting on site last week, that way it will allow Suleyman to progress with his calcs?

Regards
Neil

From: Suleyman Ekingen [<mailto:Suleyman.Ekingen@curtins.com>]

Sent: 24 February 2015 17:02

To: Neil Crawford; slawrence@rydon.co.uk; Simon O'Connor (SOConnor@rydon.co.uk); Jason North (jnorth@rydon.co.uk); DavidBradbury@jswright.co.uk

Cc: lfield@rydon.co.uk; Edgar Ferenzena; Stefano Strazzullo

Subject: RE: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings

Hi Neil,

Do you have updated wall elevations with the proposed holes? We will need to check the design of box frames to be able to cut the hole with the wall between two doors as discussed at the previous design team meeting.

Regards,

Suleyman Ekingen Project Engineer

Curtins

T. [REDACTED] | F. [REDACTED] | suleyman.ekingen@curtins.com

From: Neil Crawford [<mailto:Neil@studioe.co.uk>]

Sent: 24 February 2015 12:09

To: slawrence@rydon.co.uk; Simon O'Connor (SOConnor@rydon.co.uk); Jason North (jnorth@rydon.co.uk); DavidBradbury@jswright.co.uk

Cc: lfield@rydon.co.uk; Suleyman Ekingen

Subject: Grenfell Lobby Smoke Venting and New Apartment Front Door Fire Ratings

All

Please see attached revised drawings to show the new automatic smoke vent positions to the lower levels. I have updated the fire strategy drawings also to reflect this. The enclosures need to be 2hr fire rated and I am showing them in 100mm 7.3kn block to achieve this. Alternately this could be done in shaft wall. David, I have not shown any internal flange wall in the smoke risers and you will need to confirm with PSB whether this is required?

Also I have shown the modified door ratings in line with my email below. Additionally, please note door D1-24 to the main lobby ground floor has been updated also.

Drawings issued;

1279 SEA (04) 101 Rev06 - Proposed Ground Floor Plan.pdf
1279 SEA (04) 102 Rev08 - Proposed Mezzanine Plan.pdf
1279 SEA (04) 103 Rev09 - Proposed Walkway Plan.pdf
1279 SEA (04) 104 Rev07 - Proposed Walkway+1 Plan.pdf
1279 SEA (08) 100 Rev 05 - Fire Access.dgn
1279 SEA (08) 101 Rev 04 - Fire Strategy.dgn
1279 SEA (22) 101 Rev06 - Setting Out Plan Ground Plan.pdf
1279 SEA (22) 102 Rev07 - Setting Out Plan Mezzanine Plan.pdf
1279 SEA (22) 103 Rev08 - Setting Out Plan Walkway Plan.pdf
1279 SEA (22) 104 Rev07 - Setting Out Plan Proposed Walkway+1 P
1279 SEA (32) Door Schedule Rev08

Regards
Neil

From: Neil Crawford
Sent: 23 February 2015 12:59
To: slawrence@rydon.co.uk
Cc: Simon O'Connor (SOConnor@rydon.co.uk); lfield@rydon.co.uk
Subject: Grenfell New Apartment Front Door Fire Ratings

Hi Simon

I am updating our general arrangement, setting out and fire strategy drawings to show the new AOV smoke riser positions.

I have noticed that the fire strategy drawings were calling for FD60S doors into each of the apartments however we only show FD30S on our door schedule.

Not sure if there was history to this although letter boxes would have to be 60mins also- are the doors on the existing floors 60S?

9 Doors affected would be;

D2-03 Mezzanine
D2-13
D2-14
D2-87
D3-78 Walkway
D4-25 Walkway +1
D4-26
D4-28
D4-29

Also I have handed door D3-78 as the smoke riser will impede on the 300 pull handle zone.

I know this package has gone out recently for purchase so I am flagging this up now- let me know when you want me to re-issue the door schedule accordingly,

Regards

Neil

Neil Crawford

Associate

For and on behalf of

STUDIO E ARCHITECTS LTD

Unit 310 Linton House, 164/180 Union Street, London, SE1 0LH

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



Queen's Award for Enterprise: Sustainable Development 2010

BCSE Award School Architect of the Year 2008 & 2010

BCSE Award Inspiring Design Primary School 2008 & Academy 2010

BSF Award Excellence in Student Engagement 2009

Sustainable City Award 2009



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