

From: Bruce Sounes <bruce@studioe.co.uk>
Sent: 23 September 2013 14:27
To: Terry Ashton
Cc: Grenfell; M.Smith@maxfordham.com
Subject: RE: Grenfell Tower
Attachments: Stair Placement.jpg

Hi Terry,

Thanks for the response.

For the EMB offices, If we keep exits at Mezzanine and Walkway – suitably lobbied – could we treat the new stair as an accommodation stair? Eg:

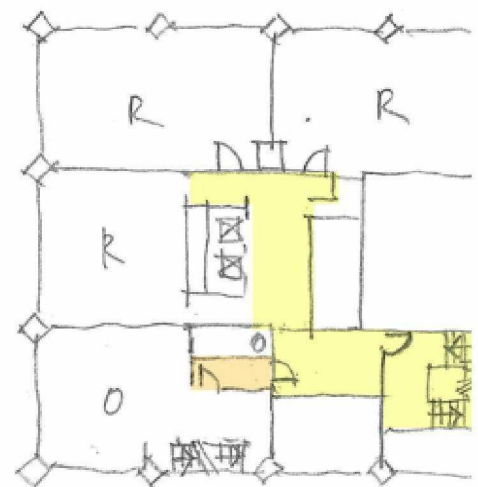
- no doors/fire rated enclosure?
- A “private” stair under Part K? 1200 width, 280mm going, 200 risers?
- Winders at top or bottom?
- No restriction on the placement of the accommodation stair, or need to escape directly to outside.
- Could it be part of the lobby itself?

This would allow us to minimize the area occupied by the stair.

Please could I get your thoughts on these 2 options? (yellow – main escape. Orange – vented lobby)

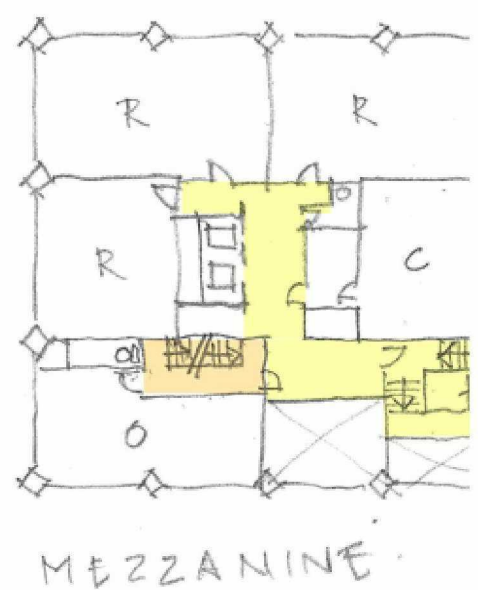


GROUND FLOOR



MEZZANINE

Option 1 – Reduced stair footprint. Lobby missing on ground floor, but this could be accommodated.



Option 2 – Stair moved inboard to make better use of space. Whole stair is vented lobby.

Many thanks

Bruce Sounes

For and on behalf of
STUDIO E LLP

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

Sent: 23 September 2013 10:24

To: Bruce Sounes

Cc: Grenfell; M.Smith@maxfordham.com

Subject: RE: Grenfell Tower

Bruce

The dead end direct distance to the nearest exit from the punchbag area of the boxing club is more than the 12m permitted in Approved Document B but within (just) the 15.5m implied in BS 9999 for an occupancy with a B1 risk profile (2/3 of 24m) so I think that we could persuade RBKC to accept the design. With regard to the EMB offices, provided the stair is approached via protected lobbies at ground and mezzanine levels, there would be no need for it to be connected to the escape route from the main tower.

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: 19 September 2013 16:54

To: Terry Ashton

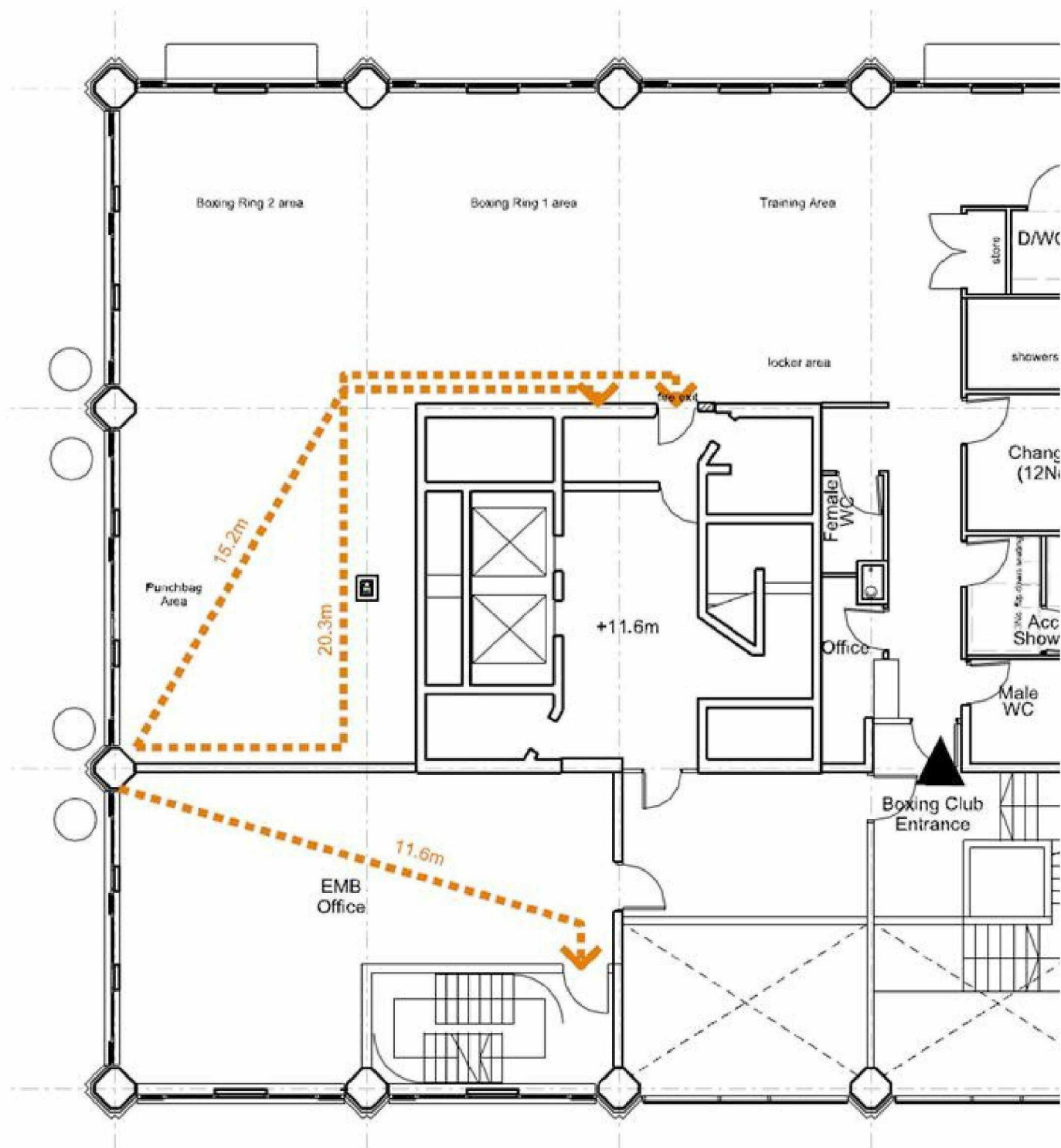
Cc: Grenfell; M.Smith@maxfordham.com

Subject: RE: Grenfell Tower

Dear Terry,

Thank you for the markups which are very useful. It will take a few days to digest and we are still juggling with service risers and structural solutions so the layout could be fluid and we may be able to accommodate the lobbies more satisfactorily than they are shown.

1. My initial take of the travel distances are we are okay. Do you agree?



2. The connection between office and stair is possibly optional. If the TMO agree it could be kept as a 2hr compartment wall with no door/lobby. Would a single stair be adequate?

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: 18 September 2013 11:19
To: Bruce Sounes
Subject: Grenfell Tower

<K:\SEA Projects\1279 Grenfell Tower\Cad\Visual\Consult In\Exova\20130919 Markup>

Bruce

Further to yesterday's meeting I've annotated copies of your drawings to show what I believe RBKC require in order to approve the design from a fire safety viewpoint. I've added the necessary fire ratings as well. I've not specified what area of vent is required to all the ventilated lobbies indicated. What's the maximum you can achieve for each lobby. I'll provide some words regarding the smoke ventilation of the lobbies for the submission to RBKC. Where we are extending the extract shaft down, are we also extending the supply air shaft?

When you've had a chance to digest what I've sent you, we could arrange a meeting.

Kind regards

Terry

Terry Ashton
Associate, Fire Engineering (Europe)
Exova Warringtonfire



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