

Message

From: Neil Crawford [/O=STUDIO E/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=NEIL]
Sent: 21/11/2014 15:25:46
To: john.hoban@rbkc.gov.uk; Paul.Hanson@rbkc.gov.uk
CC: slawrence@rydon.co.uk; Bruce Sounes [bruce@studioe.co.uk]
Subject: FW: Grenfell Tower, Grenfell Road Regeneration Project MOE Obs Submission 1 Revised 2
Flag: Follow up

Hi John/ Paul

I have past your last comments/ mark ups on Grenfell past out Fire Consultants (Exova) and copied you their comment ahead of Mondays meeting for information

See you on Monday

Regards
Neil

From: Terry Ashton [<mailto:Terry.Ashton@Exova.com>]
Sent: 20 November 2014 14:54
To: Neil Crawford
Cc: Simon O'Connor (SOConnor@rydon.co.uk); Bruce Sounes
Subject: RE: Grenfell Tower, Grenfell Road Regeneration Project MOE Obs Submission 1 Revised 2

Neil

See my comments in red below. With regard to the notes on the drawings:

- I assume that the comment regarding the Community Meeting Room is acceptable;
- In my view, the boxing club is unlikely to be occupied by more than 60 persons;
- The door to the gallery from the lift lobby at walkway level is not likely to be simultaneously used by more than 60 persons so it doesn't need to be hung to open in the direction of escape;
- The lift lobby at ground floor level does not need to be ventilated in my view; and
- Whilst it is technically correct to state that the lobby between the community room and the main entrance should be ventilated this assumes that the whole building would be evacuated in the event of an outbreak of fire at this level but there is no mechanism to make this happen.

Kind regards

Terry

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



From: John.Hoban@rbkc.gov.uk [<mailto:John.Hoban@rbkc.gov.uk>]
Sent: 18 November 2014 09:04
To: Neil Crawford
Cc: Paul.Hanson@rbkc.gov.uk
Subject: Grenfell Tower, Grenfell Road Regeneration Project MOE Obs Submission 1 Revised 2

Dear Neil,

The Building Regulations 2010 (as amended)
Grenfell Tower, Grenfell Road.

Thank you for your submission S1 for the above project.

A decision notice will be forwarded to you shortly on the proposals submitted.

As you have mentioned both Paul Hanson and myself have commented upon the scheme at preliminary stage which we identified as P1 and P2 submissions. Observations from Paul on the means of escape and fire fighting access for this submission are attached with marked up plans identified as S1.

As you have recently taken over the project I felt it would also be useful to highlight the most significant points below. They are also described in more detail in the observations and marked up on the plans.

Revisions to preliminary scheme:-

1. The revised residential use at walkway level opens directly into the stairway without a ventilated lobby – the plans have been marked up with a suggestion, to add a lobby.
This is technically correct but assumes that the whole building will be evacuated in the event of an outbreak of fire at walkway level. There is no mechanism (such as a fire alarm system) for this to happen. This also assumes that the smoke extract system serving the lift lobby will not remove most of the smoke generated from a fire at this level
2. Natural ventilated lobbies to non residential accommodation – the alterations to the scheme do not appear to have included the need for 0.4m² ventilated lobbies to the revised central connection from the single residential stairway to the boxing club at Walkway and office use at Ground levels.
I must confess that I thought that the lobby between the boxing club and the lift lobby would be ventilated although the vent system serving the lift lobby should be capable of extracting the small amount of smoke generated by a fire in the boxing club where the fire load would be considerably less than that contained in an apartment.

Significant matters outstanding from preliminary scheme

3. The extract rate for the existing residential stairway lobby's to the newly extended residential units still needs to be justified by the design team.
I thought Max Fordham had sent something to RBKC to cover this.
4. The access to riser shafts directly into the single stairway need to be avoided (any shaft connection to the green areas) on the plans marked A).
I'm not sure that the plans show any access from the stair to service risers.
5. The building regulations deal with the building work proposed in an existing building and are limited to ensuring that no adverse affect takes place to any exiting situation. Your client does however have an overriding responsibility to provide adequate fire safety for the existing building under a separate piece of legislation called the Regulator Reform (fire safety) Order 2005 (RRO), which may involve upgrading the exiting building. At preliminary meetings the design team had highlighted a concern whether any

refurbishment of the mechanical stairway lobby ventilation system would be suitable for the purpose of the RRO.

I thought that the exercise carried out by Max Fordham was intended to address the RRO and that RBKC would consult the LFEPA on this issue.

The design team asked whether RBKC could assist by consulting the fire authority regarding their views under the Regulatory Reform Fire safety order in respect of the lobby ventilation system. RBKC can pass on any letter explaining your questions directly to the fire authority. RBKC's observations on submission P2 outlined the recommended information you should prepare which RBKC would submit to the fire authority on your behalf. If you still wish this to take place please submit your letter for the fire authority explaining your concerns and questions including details of the proposed ventilation system for us to pass on to the fire authority.

See above

For the purpose of submission S1 we will consult the fire authority under the building regulations in the normal way but it is important to understand that this consultation only relates to the new building work taking place and will give not reassurance to your client regarding how the existing building will be considered under the ongoing controls of the Regulatory reform (fire safety) order.

See above

A meeting has been arranged for next Monday morning at the site, to discuss the smoke ventilation system to the lobbies of the building. It may be useful to distribute the attached observations and plans to the design team as appropriate.

Best regards,

John Hoban
John Hoban
Senior Building Control Surveyor


john.hoban@rbkc.gov.uk

This e-mail may contain information which is confidential, legally privileged and/or copyright. This e-mail is intended for the addressee only. If you receive this in error, please contact the sender and delete the material from your computer.

From: Neil Crawford [<mailto:Neil@studioe.co.uk>]
Sent: 29 September 2014 16:37
To: Hoban, John: PC-Plan
Cc: slawrence@rydon.co.uk; 1279 Grenfell Tower; Hanson, Paul: PC-Plan
Subject: RE: Grenfell Tower Regeneration Project

John

Please see attached the current Exova Study which was written prior to the Fire Strategy Rev B changes and also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly.

Regards
Neil

From: Neil Crawford
Sent: 24 September 2014 16:30
To: john.hoban@rbkc.gov.uk
Cc: slawrence@rydon.co.uk; 1279 Grenfell Tower; Paul.Hanson@rbkc.gov.uk
Subject: Grenfell Tower Regeneration Project

John

Following our conversation on site looking whilst looking at the Academy on Tuesday, I am forwarding a pack of drawings for the Grenfell Tower Project as mentioned.

I believe yourself and Paul Hanson sat down earlier in the year and did an initial appraisal of the proposed layout changes to the lower levels with Bruce Sounes from our office. I have included Pauls initial mark-ups of the fire strategy from this time as well as a new set which shows that there has been some simplification to the arrangement on these floors. I know you like to go through the drawings on an agreed process of release rather than just being swamped with everything at once so I am just sending the following drawings to start with;

- Fire strategy drawings from previous meeting with Paul Hanson's mark up
1279 SEA (08) 100 - Fire Access
1279 SEA (08) 101 - Fire Strategy
- New fire strategy drawings that show modifications to office area and omission on internal office stair
1279 SEA (08) 100b - Fire Access-A1-000
1279 SEA (08) 101b - Fire Strategy-A1-000
- Basic Plans sections and elevations GA set
1279 SEA (06) 100 - Section A
1279 SEA (06) 100 - Section A
1279 SEA (06) 100 - Section A
1279 SEA (06) 100 - Section A
1279 SEA (06) 100 - Section A
1279 SEA (05) 100 - Proposed South Elevation Rev01
1279 SEA (05) 101 - Proposed North Elevation Rev01
1279 SEA (05) 102 - Proposed East Elevation Rev01
1279 SEA (05) 103 - Proposed West Elevation Rev01
1279 SEA (04) 100 - Proposed Basement Plan
1279 SEA (04) 101 Rev01 - Proposed Ground Floor Plan
1279 SEA (04) 102 Rev01- Proposed Mezzanine Plan.pdf
1279 SEA (04) 103 Rev01 - Proposed Walkway Plan.pdf
1279 SEA (04) 105 - Proposed Residential Plan (W+2)
1279 SEA (04) 108 - Proposed Roof Plant Plan
1279 SEA (04) 109 - Proposed Roof Plan

Regards
Neil

Neil Crawford
Associate

For and on behalf of
STUDIO E 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



Please consider the environment before printing this email.

ELECTRONIC INFORMATION TRANSFER DISCLAIMER

This email and any files transmitted with it are sent for and on behalf of Studio E LLP and are intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the sender. All attached files are copyright and may only be used for the purpose stated in the drawing status box. In the event that the files are altered in anyway, it is a condition of use that the Studio E name and logo be removed from the modified file, unless prior written agreement has been obtained. Studio E will assume no responsibility for the accuracy, adequacy, and integrity of the files, and recommends that the files be thoroughly screened for viruses prior to installation. Opinions, conclusions and other information expressed in this message are not given or endorsed by Studio E LLP unless otherwise indicated by an authorised representative independent of this message.

Check out the stimulating, interesting and fun events taking place in the Royal Borough.

Nour Festival - arts and culture from the Middle East and North Africa from 20 Oct to 30 Nov.

Go to <http://www.nourfestival.co.uk>

The Royal Borough of Kensington and Chelsea.

This e-mail may contain information which is confidential, legally privileged and/or copyright protected. This e-mail is intended for the addressee only. If you receive this in error, please contact the sender and delete the material from your computer.

This transmission may contain information that is privileged, confidential and /or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the information contained herein is **STRICTLY PROHIBITED**. If you receive this transmission in error, please immediately contact the sender and destroy the material in its entirety, whether in electronic or hard copy format. Unless stated otherwise, any test results included or attached to this email are provisional, and may be subject to revision at a later stage.

This email is sent on behalf of Exova Group pic or the relevant subsidiary with which you are dealing. Exova Group pic is a company incorporated in England and Wales with registered number 08907086. Its registered office is at 6 Coronet Way, Centenary Park, Eccles, Salford M50 1RE.

Exova is the trading name of Exova Group pic and its subsidiaries.

Exova Warringtonfire Aus Pty Ltd is registered in Australia with its registered office at Unit 2, 409-411 Hammond Road, Dandenong, VIC 3175, Australia, ABN 81 050 241 524.

Please consider the environment before printing this e-mail and any associated attachments.
