OPUS 2

Grenfell Tower Inquiry

Day 45

September 30, 2020

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1	Wednesday, 30 September 2020	1		If you need a break, as you have heard from
2	(10.00 am)	2		the Chairman, at any time other than the scheduled
3	(Proceedings delayed)	3		breaks that we plan to take during the morning and the
4	(10.10 am)	4		afternoon, please just indicate and we can take a break.
5	SIR MARTIN MOORE-BICK: Good morning, everyone. Welcome to	5		Now, you have made two witness statements for
6	today's hearing. Today we're going to hear evidence	6		the Inquiry, I think. They are in a folder on your
7	from one of the Building Control inspectors with the	7		desk. You have also made a police statement which I'm
8	Royal Borough of Kensington and Chelsea who was	8		going to take you to as well.
9	concerned with the refurbishment of Grenfell Tower.	9		Can I ask you to go to your first statement, please,
10	Yes, Mr Millett.	10		that's {RBK00033934}. Is that your first statement,
11	MR MILLETT: Good morning, Mr Chairman. I now call	11		dated 30 November 2018?
12	Mr John Hoban, please.	12	A.	Yes, it is.
13	MR JOHN HOBAN (sworn)	13	Q.	Can you go to page 12 {RBK00033934/12}, please. Is that
14	SIR MARTIN MOORE-BICK: Thank you very much, Mr Hoban.	14		your signature?
15	Would you like to sit down and make yourself	15	A.	It is.
16	comfortable.	16	Q.	You have also provided exhibits $JEH/1$ to 5 with the
17	Now, Mr Hoban, before I invite Mr Millett to put	17		statement. Just for the transcript no need to turn
18	some questions to you, there are just a couple of things	18		that up those are {RBK00033936} to {RBK00033931}
19	I would like to say.	19		inclusive .
20	The first is: I understand that there are things you	20		Can I ask you: have you read this statement
21	would like to say to the people who were affected by the	21		recently, Mr Hoban?
22	fire . You will be given an opportunity to do that, and	22	A.	I have.
23	I think it would probably be most convenient if you were	23	Q.	Can you confirm that the contents are true?
24	to do that at the end of your evidence. All right? But	24	A.	Yes.
25	we'll make sure you get that chance.	25	Q.	Can I now take you to your second statement. This is at
	1			3
				0
1	THE WITNESS: Thank you.	1		RBK00050416). This is dated 9 July 2019. Is that your
1 2		1 2		
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 corrections which you have made or has the about being the provide the mean set of the first red work of the set of the	1		signed by you. But as I understand it, there are some	1	A.	Six occasions, as far as I can recall.
 (HD00000218). Now, if you would just look at that, we can see from the forour page that it's not been signed. We understand it currents and returned it is on the correstination of the forour page that it's not been signed. We understand it we had you indicate by the red and the green? A. Yes. O. If you go back, please, no be shown (REK00033934). This is your first fungity statement. Can i ask you to go to page that it to the Mccrophila Folice on the provide statement in red and parts in green, could you just explain for uw what you indicate by the red and the green? A. Yes. O. You say there: The the provide statement to the police regarding the there rolour was it wanted it included. A. Yes. O. You say there: The the provide statement to be police regarding this matter. Although I have yet to formally sign that statement is attend with the statemer tree and accurate. If you look about two fifths of the way down this page, pull see that a statement to be best of my recollection arrengent? The the nonstard attemement the best of my recollection arrengent? The the nonstard attemement the best of my recollection arrengent? The the nonstard attemement the best of my recollection arrengent? The the nonstard attemement the best of my recollection arrengent? The the nonstard attemement the best of my recollection arrengent? The arren to inform dy one. The real poly is the first at all about quarter arrend to a first are addition you would like to make and the green are those to go out, thank, you may include a stream are the windew acre bring fitted There's and function a prove mather and the green are those to go out, thank, you may include a stream are the windew acre bring fitted There's and function are many beau black of the there's and the mather, are mather to a stream at the content of the stream at the end and the green are those to go out, thank, you	2		corrections which you have made to it . That should be	2	Q.	But three occasions with Qas, I think?
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24Q. Can you explain what you mean there, or what you would24A. Yes, I do.25like that to say?25Q. Thank you very much.	9 10 11 12 13 14 15 16 17 18 19 20 21		document, please, you will see that at about a quarter of the way down there's a paragraph break which starts: "I was aware new windows were being fitted" Do you see that? Do you see that? (Pause) About a fifth of the way down, there's a paragraph indentation, and then a line that starts, "I was aware" Oh yes, yes. Thank you. Now, if you go down a little bit, four lines from that, you say: "As far as I can recall I went up on the hoist on	9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A.	Yes, we can turn to the last page, please {HOB0000219/13}. No, not that sorry, not that page. Yes. There's a comma sorry, bear with me (Pause) If it's a comma, then we may be able to find it later rather than interrupt Right. It's in relation to a fire safety regulatory reform order. What it indicates is it should all read as one paragraph and not just fire safety and then the regulatory Very well. Subject to that potential correction, which we'll find during the break, can you confirm that this
	9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q.	document, please, you will see that at about a quarter of the way down there's a paragraph break which starts: "I was aware new windows were being fitted" Do you see that? Do you see that? (Pause) About a fifth of the way down, there's a paragraph indentation, and then a line that starts, "I was aware" Oh yes, yes. Thank you. Now, if you go down a little bit, four lines from that, you say: "As far as I can recall I went up on the hoist on three occasions."	9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A.	Yes, we can turn to the last page, please {HOB0000219/13}. No, not that sorry, not that page. Yes. There's a comma sorry, bear with me (Pause) If it's a comma, then we may be able to find it later rather than interrupt Right. It's in relation to a fire safety regulatory reform order. What it indicates is it should all read as one paragraph and not just fire safety and then the regulatory Very well. Subject to that potential correction, which we'll find during the break, can you confirm that this statement is true to the best of your belief and that
6 8	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A.	document, please, you will see that at about a quarter of the way down there's a paragraph break which starts: "I was aware new windows were being fitted" Do you see that? Do you see that? (Pause) About a fifth of the way down, there's a paragraph indentation, and then a line that starts, "I was aware" Oh yes, yes. Thank you. Now, if you go down a little bit, four lines from that, you say: "As far as I can recall I went up on the hoist on three occasions." That's incorrect.	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A.	Yes, we can turn to the last page, please (HOB00000219/13). No, not that sorry, not that page. Yes. There's a comma sorry, bear with me (Pause) If it's a comma, then we may be able to find it later rather than interrupt Right. It's in relation to a fire safety regulatory reform order. What it indicates is it should all read as one paragraph and not just fire safety and then the regulatory Very well. Subject to that potential correction, which we'll find during the break, can you confirm that this statement is true to the best of your belief and that you adopt it as your evidence?
	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q. A.	document, please, you will see that at about a quarter of the way down there's a paragraph break which starts: "I was aware new windows were being fitted" Do you see that? Do you see that? (Pause) About a fifth of the way down, there's a paragraph indentation, and then a line that starts, "I was aware" Oh yes, yes. Thank you. Now, if you go down a little bit, four lines from that, you say: "As far as I can recall I went up on the hoist on three occasions." That's incorrect. Can you explain what you mean there, or what you would	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q. A. Q. A. Q.	Yes, we can turn to the last page, please (HOB00000219/13). No, not that sorry, not that page. Yes. There's a comma sorry, bear with me (Pause) If it's a comma, then we may be able to find it later rather than interrupt Right. It's in relation to a fire safety regulatory reform order. What it indicates is it should all read as one paragraph and not just fire safety and then the regulatory Very well. Subject to that potential correction, which we'll find during the break, can you confirm that this statement is true to the best of your belief and that you adopt it as your evidence? Yes, I do.

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1		Finally on this, there are some exhibits with your	1	A.	No. I'm an associate member of the Association of
2		police statement. Just for the transcript, these are	2		Building Engineers.
3		{MET00071032} to {MET00071033}, and that's in the record	3	Q.	Yes, and am I right that you effectively worked your way
4		now.	4		up from a junior position?
5		Final question on this : have you discussed the	5	Α.	Correct.
6		evidence that you're going to give today with anybody	6	Q.	And retired on 31 March 2017?
7		before coming here?	7	Α.	I resigned.
8	Α.	Just my counsel.	8	Q.	Was there any particular reason why you resigned?
9	Q.	Right. When you say just your counsel, do I take it	9	Α.	Yes.
10		that you didn't discuss the substance of the evidence	10	Q.	Can you tell us very briefly what those are?
11		you're going to give?	11	Α.	I resigned because I had enough. I wasn't able to do
12	Α.	Oh, no, no.	12		the job that how I was trained to do, and it was
13	Q.	Thank you.	13		affecting my health, and I just decided that I didn't
14		I'm going to start with some questions about your	14		want to work there anymore.
15		qualifications , Mr Hoban, if I may.	15	Q.	Right, okay. We may come back to that later on.
16		Your qualifications and experience are set out,	16		On page 2 {RBK00050415/2} of your CV, if we just go
17		I think, in your CV, which you exhibited as JEH/6 to	17		to that while we have it on the screen, you explain your
18		your second witness statement. Can we look at that,	18		role at RBKC, and you set it out at some length for much
19		it 's {RBK00050415}, please. You won't find that in the	19		of that page.
20		file .	20		Can I just summarise that for people watching. Is
21		I won't?	21		it right that you dealt with Building Regulation
22		No, look on the screen.	22		applications , which included review of documents and
23	Α.	Yes.	23		site visits?
24	Q.		24	Α.	
25	Α.	Can we scroll up a bit?	25	Q.	And you gave general and specific advice on
		9			11
1	Q.	That's the first page of it.	1		Building Regulations matters; yes?
1 2		That's the first page of it . Right.	1 2	A.	Building Regulations matters; yes? Yes.
-	A.				
2 3 4	A.	Right. We can see from that that you	2	Q.	Yes.
2 3 4 5	A. Q. A. Q.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature?	2 3 4 5	Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals
2 3 4 5 6	A. Q. A. Q. A.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes.	2 3 4	Q. A.	Yes. And advised junior colleagues. Yes.
2 3 4 5 6 7	A. Q. A. Q. A.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in	2 3 4 5 6 7	Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes.
2 3 4 5 6 7 8	A. Q. A. Q. A.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes.	2 3 4 5 6 7 8	Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you
2 3 4 5 6 7 8 9	A. Q. Q. A. Q. A.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes.	2 3 4 5 6 7 8 9	Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that.
2 3 4 5 6 7 8 9	A. Q. A. Q. A. Q.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies	2 3 4 5 6 7 8 9	Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes.
2 3 4 5 6 7 8 9 10 11	A. Q. Q. A. Q. A. Q.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985.	2 3 4 5 6 7 8 9 10 11	Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and
2 3 4 5 6 7 8 9 10 11 12	 A. Q. A. Q. A. Q. A. Q. A. A. A. 	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes.	2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA.
2 3 4 5 7 8 9 10 11 12 13	A. Q. Q. A. Q. A. Q.	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes	2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A. Q. A. Q. A.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14	 A. Q. A. Q. A. Q. A. Q. A. A. A. 	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your
2 3 4 5 6 7 8 9 10 11 12 13 14 15	 A. Q. A. Q. A. Q. A. Q. A. A. A. 	Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A. Q. A. Q. A.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	 A. Q. A. Q. A. Q. A. Q. A. A. A. 	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A. Q. A. Q. A.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q. A. Q. A. Q. A. Q.	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A. Q. A. Q. A.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. A. Q. A. Q. A. Q. A.	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? Yes. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A. Q. A. Q. A.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. Q. A. Q. A. Q. A. Q. A. Q.	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? Yes. And that was from 1979 to 1986? 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q. A. Q. A.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter part of 2013, and more accurately we'll look at in
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	 A. Q. A. A. Q. A. <	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? Yes. And that was from 1979 to 1986? Yes. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A. Q. A.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter part of 2013, and more accurately we'll look at in a moment, you had about 35 years' experience as
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. A. Q. A. Q. A. Q. A. Q.	Right.We can see from that that youYes, I've signed it, yes, that is my CV.At the bottom right-hand corner, that's your signature?Yes.We can see that you have a BTEC ordinary certificate inbuilding studies which you obtained in 1982.Yes.And a BTEC higher certificate in building studiesobtained in 1985.Yes.Am I right that your professional experience includesworking as a junior technical officer in theBuilding Regulations division and later than thata technical assistant in the District Surveyor's Serviceof the Greater London Council?Yes.And that was from 1979 to 1986?Yes.Since 1986, up to the end of March 2017, you worked,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter part of 2013, and more accurately we'll look at in a moment, you had about 35 years' experience as a Building Control surveyor in central London?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	 A. Q. A. A. Q. A. <	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? Yes. And that was from 1979 to 1986? Yes. Since 1986, up to the end of March 2017, you worked, I think, as a senior Building Control surveyor at the 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter part of 2013, and more accurately we'll look at in a moment, you had about 35 years' experience as a Building Control surveyor in central London? Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 A. Q. 	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? Yes. And that was from 1979 to 1986? Yes. Since 1986, up to the end of March 2017, you worked, I think, as a senior Building Control surveyor at the Royal Borough of Kensington and Chelsea. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter part of 2013, and more accurately we'll look at in a moment, you had about 35 years' experience as a Building Control surveyor in central London? Yes. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	 A. Q. A. A. Q. A. <	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? Yes. And that was from 1979 to 1986? Yes. Since 1986, up to the end of March 2017, you worked, I think, as a senior Building Control surveyor at the Royal Borough of Kensington and Chelsea. Yes. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q. A. Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter part of 2013, and more accurately we'll look at in a moment, you had about 35 years' experience as a Building Control surveyor in central London? Yes. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 A. Q. 	 Right. We can see from that that you Yes, I've signed it, yes, that is my CV. At the bottom right-hand corner, that's your signature? Yes. We can see that you have a BTEC ordinary certificate in building studies which you obtained in 1982. Yes. And a BTEC higher certificate in building studies obtained in 1985. Yes. Am I right that your professional experience includes working as a junior technical officer in the Building Regulations division and later than that a technical assistant in the District Surveyor's Service of the Greater London Council? Yes. And that was from 1979 to 1986? Yes. Since 1986, up to the end of March 2017, you worked, I think, as a senior Building Control surveyor at the Royal Borough of Kensington and Chelsea. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q. A. Q.	Yes. And advised junior colleagues. Yes. And you dealt with enquiries from building professionals and the public. Yes. And also investigated dangerous structures where you were asked to do that. Yes. And liaising with other colleagues and departments and statutory bodies, such as the LFEPA. Yes. Now, I'm going to come later on to examine with you your role within the department, the Building Control department at RBKC. Can you just confirm that at the time you were allocated to the Grenfell Tower project in the latter part of 2013, and more accurately we'll look at in a moment, you had about 35 years' experience as a Building Control surveyor in central London? Yes. Yes.

1		Building Engineers; is that right?	1
2	Α.	Yes.	2
3	Q.	And also an associate member of the Chartered	3
4		Association of Building Engineers. Are they different	4
5		or the same organisation?	5
6	Α.	The association got chartership, so it changed from	6
7		being	7
8	Q.	I see.	8
9	Α.	an association and they got chartered association.	9
10	Q.	So the ABE became the CABE?	10
11	Α.	Correct.	11
12	Q.	Right. Did you do anything, like an exam or	12
13		an interview, to become an associate member of the	13
14		Chartered Association of Building Engineers?	14
15	Α.	I filled in an application form and I sent my CV in, and	15
16		that's the level of membership that they gave me at that	16
17		time.	17
18	Q.	Right. And when was that, can you remind me?	18
19	Α.	I think it was sorry.	19
20		(Pause)	20
21	Q.	You do say on page 1 January 2013.	21
22	Α.	Yeah, 2013, sorry.	22
23	Q.	As a member of the CABE, were you required to undertake	23
24		CPD, continuing professional development?	24
25	Α.	There was no actual standard set out for my grade of	25
		13	
1		officer .	1

Ŧ		oncer.
2	Q.	Right.
3	Α.	But I did take CPD.
4	Q.	You did. We will come to that.
5		You say there was no actual standard set out for
6		your grade of officer . What was your grade of officer?
7	Α.	I was an associate member.
8	Q.	Right.
9		Did they lay on any seminars or conferences for you
10		to attend?
11	Α.	We had in-house seminars from time to time
12	Q.	Right.
13	Α.	in the office , and I did attend other training .
14		I went on a day course prior to becoming a member for
15		the Chartered Institute . I also attended a day course
16		in at Wandsworth Town Hall when part M of the
17		Building Regulations got changed, I went on that.
18	Q.	Those were courses organised by the institute , were
19		they, or the association?
20	Α.	No.
21	Q.	Or were they organised by RBKC?
22	Α.	They weren't organised by RBKC. I the institute one,
23		yes, for the membership, that was organised by the
24		actual institute itself
25	Q.	Right.

14

2		to part M, I saw it somewhere and I asked my line
3		manager if I could attend.
4	Q.	Right.
5		Based on your professional experience and years of
6		service, were you eligible for one of the higher grades
7		of membership of the CABE?
8	Α.	I would have to take a professional or take
9		an examination. It could be through interview, and
0		I would have to put a thesis together.
1	Q.	I see. Why didn't you go through those hoops?
2	Α.	At the time, I was looking after my mother.
3	Q.	I see.
4	Α.	I was her carer.
5	Q.	I follow.
6		What prompted you to become an associate member of
7		the CABE in 2014?
8	Α.	I knew they were changing the rules. It was going to
9		be they were setting the bar higher as regards
0		for membership. So I was told that, so I applied. It
1		was my intention to go mature applicant's entrance, but
2		as I say, because I was looking after or helping looking
3		after my mother, that took up a considerable amount of
4		my time, and I never did that.

1 A. -- which I attended, I think, in 2012. The one relating

Q. Yes, I see.

1 Can I then turn to CPD and training within RBKC, 2 which we touched on a moment ago. 3 In that role at RBKC, were you required to undertake 4 training? 5 A. Yes. 6 Q. Now, RBKC has provided your training records to 7 the Inquiry. I just want to show you those. 8 {RBK00050414}, please. Page 1 is the first page of 9 that, and I want to look at page 2 {RBK00050414/2}. 10 This is your training record, and at page 2 we can see 11 that your records go back to January 1999. You can see 12 at the bottom there: 13 "NLP diploma workshop - part one. Training centre. 14 29 January 1999." 15 So that's when they started. 16 If we can scroll up to the first page 17 {RBK00050414/1}, we can see that, according to this 18 record, they end on 7 November 2016. Do you see that? 19 A. Yes. 20 Q. Are you able to tell us whether this record covers all 21 internal training that you undertook at RBKC during this 22 period? 23 A. No, it doesn't. 24 Q. Right. What does it not cover? 25 A. As I say, I had attended outside courses. We also had

15

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1		in-house seminars from time to time that were organised.
2	Q.	And those aren't on this record?
3	A.	They're not.
4	Q.	Are they on other records?
5	A.	${\rm I}$ would have had handwritten records at the time, but
6		I don't believe they're available now.
7	Q.	Right, so you would have had them. Were they yours or
8		were they RBKC's?
9	Α.	They were mine.
10	Q.	And you don't have them now; can you explain why not?
11	А.	When I left, I no longer kept them.
12	Q.	Right. So you kept them in the office
13	Α.	Yes.
14	Q.	and left the office and now don't have access to
15		them?
16	Α.	Correct.
17	Q.	I see.
18	Α.	There was other as I say, we would when regulation
19		or new approved documents came in, we would have
20		in-house lunchtime seminars on the changes to the
21		Building Regulations.
22	Q.	Right. You would have in-house seminars. We will come
23		back to that in a moment.
24		Just on this document, your internal records,
25		I think, indicate that you had training on matters which
		17
1		aren't directly relevant to Building Control. So,

24		Just on this document, your internal records,
25		I think, indicate that you had training on matters which
		17
1		aren't directly relevant to Building Control. So,
2		for example, if you look halfway down page 1, you get
3		training on the "Local Government Pension Scheme - 2014
4		pension changes".
5	Α.	Yes.
6	Q.	Is that right? You would have training on all kinds of
7		things that weren't directly part of your job?
8	Α.	Yes.
9	Q.	If you look at the WorkRite training you undertook in
10		February 2015, you can see that there are a number of
11		entries there
12	Α.	Yes.
13	Q.	for 18 February 2015
14	Α.	Yeah.
15	Q.	including stress awareness, manual handling, mobile
16		workers, et cetera.
17		Was that specific to Building Control or was that
18		just more general training?
19	Α.	That was for the council.
20	Q.	When you say, "That was for the council ", what does that
21		mean?
22	Α.	It was a requirement that officers did these WorkRite
23		training courses, and that was automatically registered
24		on to the system when you completed the actual course.
25	Q.	I see.
		18
		10
•		ternational
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1	Α.	That's my understanding.
2	Q.	I follow.
3		In the last-but-one of those WorkRite entries, we
4		can see "WorkRite Fire Safety Awareness Training". Was
5		that to do with the Building Regulations and your role
6		as a building surveyor
7	Α.	No.
8	Q.	and control officer ?
9	Α.	No, that was general or as far as I can recall , that
10		was to general fire safety awareness in the office .
11	Q.	I see.
12		Looking a little lower down the same page, we can
13		see that there is a Complywise fire safety programme on
14		which you get 100% as an online grade on 1 June 2010.
15	Α.	Yes.
16	Q.	Did that relate to your role as a Building Control
17		surveyor?
18	Α.	Not that I'm aware of. I couldn't be certain.
19	Q.	Looking at page 1 as a whole, Mr Hoban, which spans
20		a period from March 2009 to November 2016, do any of
21		these courses or meetings or seminars relate to your
22		role as a Building Control surveyor?
23	Α.	Dangerous structure training .
24	Q.	Yes, I see. Anything else?
25	Α.	Not there.
		19

1	0	D: -1-+
+	U.	Right

T	Ų.	Kight.
2		You mentioned lunchtime seminars provided by RBKC
3	Α.	Yes.
4	Q.	specifically on the Building Regulations.
5	А.	Yeah.
6	Q.	Did you have any internal training on approved
7		documents?
8	Α.	Yes, as and when they came out
9	Q.	Right.
10	Α.	or there was amendments.
11	Q.	I see. Who delivered that training?
12	Α.	It was generally managers in the office .
13	Q.	Right.
14		Can you remember getting any specific training on
15		Approved Document B?
16	Α.	Yes, it would be some years ago
17	Q.	Yes.
18	Α.	when the new document came out. We also had in-house
19		training when there was changes to the regulations,
20		I believe in 2010.
21	Q.	Yes, and who delivered those, managers again?
22	Α.	Managers again.
23	Q.	Can you give us some names?
24	Α.	It would be John Jackson and Mr Gammon, Mr David Gammon,
25		I believe.

24

1	0	Who would receive those training courses or seminars?	1	Δ	I believe so, but I wouldn't have direct knowledge of
2	Q. A.	Surveyors.	2	л.	what their personal development plan was.
3	л. Q.	Right. I see.	3	0	If you look down at item 5, it says:
4	٧.	Did you get training on any aspect of Approved	4	Q.	"Provide training opportunities to support CPD
5		Document B in particular, or on Approved Document B	5		requirements of professional associations. RBKC
6		generally?	6		commitment to provide 2 days training per year."
7	A.	As I say, we would talk about amendments. We would go	7		Did RBKC fulfil that commitment?
8	п.	through the amendments when they came out and discuss	, 8	Δ	Er
9		them. Likewise, when there was there was	9	л.	(Pause)
10		a communities performance standards, we had I can	10		There would have been a certain amount of lunchtime
11		recall having an afternoon seminar on that.	11		seminars, and so I don't know whether that would have
12	Q.	Did you get any training at any stage on technical	12		mounted up to two days, but it was considered acceptable
13	Q.		13		
14	A.	industry guidance, for example the CWC standard? No.	14		to read professional magazines and other information on
14 15			14 15		the regulations. That was considered training as regards the two days' training.
	Q.	What about the Building Control Alliance technical		0	0 0
16		notes?	16 17	Q.	
17	A.				the CABE didn't have a CPD requirement. Did that mean
18	Q.	Right. We may come back to those shortly.	18		that you didn't take advantage or weren't required to
19		Can we just look at another record for your personal	19		take advantage of the two days' training per year
20		development or training: {RBK00048696/6}, please. This	20		offered by RBKC to support membership?
21		is your personal development plan. We can see that this	21	Α.	
22		is from 2014 through to 2015, July 2014 to	22		Right.
23		February 2015, and if you look at item 1, it says:	23		and magazines, and
24		"Keep up to date with changes in the	24	Q.	Right.
25		Building Regulations etc. It is expected that there	25		Now, you say in your second statement that you
		21			23
1		will be a number of changes before May 2015 due to the	1		attended seminars which you paid for yourself
1 2		will be a number of changes before May 2015 due to the findings of the Housing Standards Review.	1 2	A.	attended seminars which you paid for yourself Yes.
2		findings of the Housing Standards Review.	2		Yes.
2 3		findings of the Housing Standards Review. "Date this will be achieved: Feb 15.	2 3	Q.	Yes. and you attended those in your own time. Did you
2 3 4		findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for	2 3 4	Q. A.	Yes. and you attended those in your own time. Did you keep any records of those?
2 3 4 5		findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc."	2 3 4 5	Q. A. Q.	Yes. and you attended those in your own time. Did you keep any records of those? Yes.
2 3 4 5 6	А.	findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your	2 3 4 5 6	Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know?
2 3 4 5 6 7	А.	findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular?	2 3 4 5 6 7	Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before?
2 3 4 5 6 7 8		findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance	2 3 4 5 6 7 8	Q. A. Q. A. Q.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before?
2 3 4 5 6 7 8 9		findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time?	2 3 4 5 6 7 8 9	Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession?
2 3 4 5 6 7 8 9	Q. A.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? 	2 3 4 5 6 7 8 9 10	Q. A. Q. A. Q. A. Q.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession?
2 3 6 7 8 9 10 11	Q. A.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? 	2 3 4 5 6 7 8 9 10 11	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can
2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. 	2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies.
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A. Q.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. 	2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A. Q. A.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. 	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A. Q. A.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A. Q. A.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A. Q. A.	findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. Were those goals selected because you were not up to date with the Building Regulations?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that far back.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A. Q. A. Q.	<pre>findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. Were those goals selected because you were not up to date with the Building Regulations?</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that far back. Right.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q. A. Q.	 findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. Were those goals selected because you were not up to date with the Building Regulations? No, they were new documents that came in, or were amendments at that time. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that far back. Right. Did any of those seminars cover things like fire
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A. Q.	<pre>findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. Were those goals selected because you were not up to date with the Building Regulations? No, they were new documents that came in, or were amendments at that time.</pre>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that far back. Right. Did any of those seminars cover things like fire performance on external wall constructions, or
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. A. Q.	findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. Were those goals selected because you were not up to date with the Building Regulations? No, they were new documents that came in, or were amendments at that time. I see. So do we take from that answer that every	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. A. Q. A.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that far back. Right. Did any of those seminars cover things like fire performance on external wall constructions, or fire safety classification of materials to be used in external wall constructions?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. A. Q.	findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. Were those goals selected because you were not up to date with the Building Regulations? No, they were new documents that came in, or were amendments at that time. I see. So do we take from that answer that every surveyor in your position or at your level in RBKC's	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. A. Q. A. Q. Q.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that far back. Right. Did any of those seminars cover things like fire performance on external wall constructions, or fire safety classification of materials to be used in external wall constructions?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q. A. Q.	findings of the Housing Standards Review. "Date this will be achieved: Feb 15. "Progress: Will look through draft proposals for ADH, ADM, ADQ etc." Do you know who came up with the goals for your selected personal development plan in particular? It would be the line manager that did my performance review. Was that John Allen at this time? What is the date of this one again, please? Well, this is a running record. Yeah. And this covers this period. I think, yes, this would be John Allen. I see. Were those goals selected because you were not up to date with the Building Regulations? No, they were new documents that came in, or were amendments at that time. I see. So do we take from that answer that every surveyor in your position or at your level in RBKC's Building Control department would have been told as	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q. A. Q. A. Q.	Yes. and you attended those in your own time. Did you keep any records of those? Yes. Where are those records, do you know? I can obtain them for you. Have you been asked for those documents before? Not that I'm aware of. Right. Are they in your personal possession? At home. I would check. I would think they I can get copies. From memory, can you tell us whether any of those seminars which you paid for yourself covered Approved Document B? It may have formed part of the day. I can't recall that far back. Right. Did any of those seminars cover things like fire performance on external wall constructions, or fire safety classification of materials to be used in external wall constructions? No, not that I'm aware of.

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1		please, {RBK00050416}, I would like you to look at	1		please, you can see there that under "Targets", it says
2		page 1, paragraph 3. You do identify one of these	2		that there are normally five targets, and if you look
3		seminars as one operated by ABE, and you say that one of	3		down there, you can see in the bottom right-hand corner
4		the seminars was on means of escape, BS 9999, and that's	4		under "Success Criteria", there are eight examples to b
5		"Fire safety in the design, management and use of	5		provided of professional development, and those are to
6		buildings, code of practice ".	6		be provided by February 2017. You can see that one of
7		That relates to non-residential buildings, I think,	7		those was Building Control related courses. Do you see
8		doesn't it?	, 8		that?
9	Δ	Yes. That was after I left Kensington.	9	Α	Yes.
10	0.	Yes, and that's 11 June 2017.	10		Did you achieve that?
11	А.	-	11	٩.	(Pause)
12	0.		12	A.	I would have attended some in-house seminars.
13	٩.	time?	13		I see. But not outside?
14	A.	It was my intention to go back into Building Control	14		Not that I'm aware of.
15		once I left the council.	15	0.	On those Building Control related courses provided
16	Q.	Right, I see. So you were keeping yourself up to date?	16		in-house, did any of those specifically at that time
17	À.		17		cover Approved Document B or industry guidance?
18	Q.	I follow.	18	A.	I can't recall.
19		Now, if we go back to your appraisal and personal	19	Q.	Right.
20		development plan a little bit later on, this is a	20		Did you attend any technical seminars or CPD
21		slightly different document, {RBK00048753/3}, this	21		activities in the period 2011 to 2016, in other words
22		records this is under, "Targets" you attend	22		just before and during your involvement with Grenfell?
23		a seminar by John Allen on 22 September 2015, if you	23	A.	As I say, I would attend in-house seminars, as I say,
24		look under "Mid Year Comments", second item down. Do	24		read magazines. I mentioned that course that I went or
25		you see that?	25		relating to part M, and we did have a company come in
		25			27
1	A.	Yes.	1		and give us a presentation on under part P as well.
2	Q.	What did that seminar cover?	2	Q.	Right.
3	Α.	I can't recall.	3		Did any of the training that you got here, which is
4	Q.	Right. It says just above that:	4		indicated by this document, cover the requirements of
5		"Attended training by LABC on (Date to be supplied	5		part B of the Building Regulations or Approved
6		by JEH)."	6		Document B?
7		What did that cover? Well, did it happen, I think	7	A.	I remember when regulation 38 came in we had a and
8		is the first question?	8		there was other amendments at the time, and we had
			~		

- 9 A. Sorry, I can't recall.
- 10 Q. Right. Do you remember having any training by the LABC 11 in your time at RBKC? 12 A. The only thing that comes to mind is whether this -- in 13 relation to part M, whether that was -- which I attended 14 at Wandsworth Town Hall.
- 15 Q. Right.
- 16 A. That would -- I would think that would reflect that 17 particular time, because, as I say, they introduced 18 considerable amendments to the old part M.
- 19 Q. Right, and other parts as well, I think?
- 20 A. Yes.
- 21 Q. But not B?
- 22 A. Not B.
- 23 Q. Can we look at {RBK00048852}, please. This is your
- 24 tri - borough appraisal and personal development plan 2016
- 25 to 2017, and if you go to page 2 {RBK00048852/2},

2		that there are normally five targets , and if you look
3		down there, you can see in the bottom right-hand corner,
4		under "Success Criteria ", there are eight examples to be
5		provided of professional development, and those are to
6		be provided by February 2017. You can see that one of
7		those was Building Control related courses. Do you see
8		that?
9	A.	Yes.
10	Q.	Did you achieve that?
11	Q.	(Pause)
12	A.	I would have attended some in-house seminars.
13	Д. Q.	I see. But not outside?
14	Q. A.	Not that I'm aware of.
14		
	Q.	On those Building Control related courses provided
16		in-house, did any of those specifically at that time
17		cover Approved Document B or industry guidance?
18	Α.	I can't recall.
19	Q.	Right.
20		Did you attend any technical seminars or CPD
21		activities in the period 2011 to 2016, in other words
22		just before and during your involvement with Grenfell?
23	Α.	As I say, I would attend in-house seminars, as I say,
24		read magazines. I mentioned that course that $ I $ went on
25		relating to part M, and we did have a company come in
		97
		27
1		and give us a presentation on under part P as well.
2	Q.	Right.
3	τ.	Did any of the training that you got here, which is
4		indicated by this document, cover the requirements of
5		part B of the Building Regulations or Approved
6		Document B?
7	A.	I remember when regulation 38 came in we had a and
, 8	л.	, and the second s
		there was other amendments at the time, and we had
9		a seminar or in-house training at the time. I think
10		that was about 2010, actually, when that came in. And
11		we went through generally the changes in the regulations
12		at that stage.
13	Q.	I see. Did that or any of the seminars cover
14		overcladding of high-rise residential buildings at all?
15	A.	No.
16	Q.	If we go to your second witness statement, please, at
17		page 2 {RBK00050416/2}, you also refer to seminars
18		there. If we look at paragraph $4(iii)$, right at the top
19		of the page, you say:
20		"Attending from time to time seminars provided by
21		manufacturers and other organisations relating to
22		Building Regulation matters."
23	A.	Yes.
24	Q.	Have you ever attended seminars by and these are
25		examples Celotex?

1	A.	I may have some years ago, some considerably some
2		time ago.
3	Q.	Right. Can you just help us a bit with your memory on
4		that: roughly when do you think you attended a seminar
5		given by Celotex?
6	Α.	It may have been 2005, something like that. It was some
7		time
8	Q.	Right.
9	Α.	previously.
10	Q.	Do you remember what the subject of the seminar was or
11		presentation?
12	Α.	It was mainly to do with thermal conductivity,
13		I believe.
14	Q.	Right.
15		What about Kingspan? Did you ever attend a seminar
16		given by Kingspan?
17	Α.	I can't recall.
18	Q.	Right.
19		What about a company called Alcoa, later Arconic?
20	Α.	No.
21	Q.	Siderise?
22	Α.	No.
23	Q.	When Celotex gave the seminar or presentation that
24		you've referred to, did they come direct into
25		the council offices?

29

1	A.	They were lunchtime seminars that were set up by one of
2		the managers who was responsible for doing that, and
3		what would happen was they would invite architects and
4		surveyors in, and it would be lunch would be given,
5		sandwich sort of buffet, and then it would be
6		a presentation between an hour and an hour and a half
7		just going through generally the product.
8	Q.	Was it common for manufacturers of building products to
9		come to RBKC's Building Control department and make
10		seminars or presentations about their product?
11	A.	There would be a number of in-house seminars. For
12		further details on that, we had what was known as the
13		RBKC Building Control News, and it would list out it
14		was a newsletter, and that would list forthcoming
15		lunchtime seminars.
16	Q.	Right.
17	A.	I don't know who that was sent to. It was printed out,
18		and I don't know whether it was emailed. Somebody else
19		was responsible for that.
20	Q.	Over what years do you remember receiving RBKC News?
21	A.	From when it started. I believe it was some years it
22		would be about 2000, something like that .
23	Q.	Right.
24	A.	It was a newsletter, I believe, produced by Paul Hanson,
25		and it would be as I say, it would be what was going
		30

1		on as regards Building Control. It would sometimes give
2		a profile of a surveyor, it would sometimes give
3		guidance on certain aspects of the Building Regulations
4		for architects and surveyors.
5	0.	
6	Q. A.	
7	11.	prior to coming here, and there would be there was
, 8		a number of them. It would go generally spring.
9		I don't know whether there was other editions.
9 10	0	
	Q.	0
11		You say it was produced by Paul Hanson; did
12		RBKC News or the editions that you saw have a particular
13		emphasis on fire safety?
14	Α.	It would call up fire safety in relation to sometimes
15		domestic properties. I believe there was some advice on
16		fire curtains. It would sometimes give a profile of, as
17		I say, the surveyors, and it would sometimes give a
18		I'm trying to think of the correct words, sorry. it
19		would give, like, a page case study of a particular
20		project.
21	Q.	Looking a little bit further down this page in front of
22		us, (iv) you say:
23		"Reading technical literature and other information
24		relating to products/systems."
25		Did that include Celotex RS5000 insulation board,
		31

	for	example?
L.	101	champic:

6

- 2 A. Yes. When I was dealing with the project, I looked that3 information up.
- 4 Q. Right. Well, we'll come back to that in a little bit5 more detail later on.
 - Did it include product literature produced by
 - Kingspan in respect of K15 Kooltherm insulation?
- 8 A. I may have looked at that at another time in relation to9 U-values.
- 10 Q. I see. What about TP10?
- 11 A. Again, it would have been -- if I had -- it wasn't at
- the time of Grenfell, it would have been prior, if I waslooking for a U-value requirement in relation to
- 14 an extension.15 Q. What about Reynobond ACM rainscreen panels, particular
- Q. What about Reynobond ACM rainscreen panels, particularlyPE rainscreen panels produced by Arconic?
- 17A. I looked at the BBA certificate for Reynobond at the18time of -- I believe I did, at the time of -- when I was
- dealing with the Grenfell Tower project.
- 20 Q. You did, did you?
- 21 A. Yes.
- Q. Right. Well, we'll certainly come back to that lateron.
- 24Did you ever read product literature relating to25Siderise rainscreen cavity barriers, do you think?

1	Α.	Yes.
2	Q.	Again, was that at the time of the Grenfell project?
3	A.	Yes.
4	Q.	I see.
5		Now, you say in (vii) on the same page:
6		"Contacting technical departments of manufacturers
7		and product providers when I needed advice on such
8		matters."
9		Did you do that at any time in respect of any
10		product used on the Grenfell Tower?
11	Α.	Not that I'm aware of.
12	Q.	I see.
13		Just going back to the practices within RBKC for
14		a moment, was there any system or practice within RBKC
15		where if someone else other than you went to a seminar
16		or a conference, they would share what they learnt with
17		the rest of the team?
18	Α.	Sometimes. It wasn't consistent.
19	Q.	No, I understand. The reason I ask is that José Anon,
20		if that's how you pronounce his name
21	Α.	Yes.
22	Q.	who was the deputy Building Control manager under
23		John Allen, says at paragraph 13 that that would happen,
24		but you I think recall that, do you, happening from time
25		to time?
		33
1		
1 2	Α.	I know when I went on the part M one I actually gave
∠ 3		a presentation, I think to the office, on that, to
	0	actually the planners as well.
4 5		I follow.
-	Α.	We used to have every so often, I think it was once
6 7		a month, we'd have a Planning/Building Control meeting,
		and I actually I do recall giving a presentation on
8		what I'd learnt at that seminar to planners and my
9 10	0	colleagues.
	Q.	Very well. I just need to read a reference in. The
11 12		reference to Mr Anon's statement is {RBK00029897/3}, and
		the reference is to paragraph 13.
13		I don't need to show you that, but building on your
14		last answer, can I show you a document: {RBK00001221},
15 16		please. This is a set of minutes of the London District
16		Surveyors Association general meeting on
17		15 October 2015, Mr Hoban, at the time of 10 o'clock.

- 17 18 You can see who was there and the councils they
- 19 represented.
- 20 A. Yeah.
- 21 Q. And you can see that Kensington and Chelsea was
- 22 represented by José Anon.
- 23 If you go to page 4 {RBK00001221/4}, you can see
- 24 that there, at the very end of the large box, just above 25
 - paragraph 11, "LABC":

1		"PC has a large office building (nine storeys) that
2		has PIR cladding as opposed to rockwool insulation over
3		18 metres high (BCA Technical Guide 18). At the LABC
4		conference last year there was a presentation on this
5		subject and the cladding has to be of limited
6		combustibility,but Kingspan confirmed that their PIR
7		insulation does burn. PC attended a recent LFB seminar
8		and advised that their smoke control guide and
9		suppression system guide are due soon. In addition 9999
10		and 9991 revisions are due next year."
11		Now, you weren't there. My question is: did anybody
12		at RBKC attend the LABC conference in 2014, in other
13		words the year before this one
14	Α.	No, it would only be managers that would go to those.
15	Q.	Right. Do you remember whether anybody, like a manager,
16		went to the LABC conference in 2014?
17	Α.	I wouldn't know.
18	Q.	Did anybody come back from that conference or was there
19		any word in the office about what had been learnt at
20		that conference about the cladding having to be of
21		limited combustibility?
22	Α.	No, I don't recall that.
23	Q.	Did Mr Anon share the information from this 2015 London
24		District Surveyors general meeting with you?
25	Α.	I don't recall ever seeing that.
		35
1	0	
1	Q.	All right.
2	Q.	All right. Can I then turn to a different topic, which is
2 3	Q.	All right. Can I then turn to a different topic, which is regulations and guidance.
2 3 4	Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in
2 3 4 5	Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years
2 3 4 5 6	Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the
2 3 4 5 6 7	Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building
2 3 4 5 6 7 8		All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010?
2 3 4 5 6 7 8 9	A.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes.
2 3 4 5 6 7 8 9 10		All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved
2 3 4 5 6 7 8 9 10 11	A. Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved Document B?
2 3 4 5 6 7 8 9 10 11 12	A. Q. A.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved Document B? Yes.
2 3 4 5 6 7 8 9 10 11 12 13	A. Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved Document B? Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14	A. Q. A.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved Document B? Yes. Did you deal with part B of the Building Regulations and Approved Document B regularly as part of your role as
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Q. A. Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved Document B? Yes. Did you deal with part B of the Building Regulations and Approved Document B regularly as part of your role as a surveyor within the BCO?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Q. A. Q.	 All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved Document B? Yes. Did you deal with part B of the Building Regulations and Approved Document B regularly as part of your role as a surveyor within the BCO? Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Q. A. Q.	All right. Can I then turn to a different topic, which is regulations and guidance. Now, in general terms, Mr Hoban, would I be right in thinking that, as a building surveyor with some 35 years of experience or so, you were familiar with the requirements of schedule 1, part B to the Building Regulations 2010? Yes. Would you also be familiar with the guidance in Approved Document B? Yes. Did you deal with part B of the Building Regulations and Approved Document B regularly as part of your role as a surveyor within the BCO?

- 19 Q. Let's just examine ADB in a little bit more detail, and
- 20 I want to focus on external fire spread, if I may.
- 21 A. Yeah.
- 22 Q. Can I ask you to go to {CLG00000173/95}, please, which
- 23 is ADB. 95 is section 12, "Construction of external
- walls", and if we look at the bottom right-hand corner, 24
- 25 we can see, "External wall construction", and underneath

1		that, paragraph 12.5.	1		you thought that the materials being used were of
2	Α.	Yes.	2		limited combustibility?
3	Q.	Were you familiar with that part of ADB, that section?	3	A.	No. In fairness, I should have asked for a I realise
4	Α.	Yes.	4		now that I should have asked for a full report. But at
5	Q.	So the rule or the guidance:	5		the time, the information that I looked up on as
6		"The external envelope of a building should not	6		regards the Celotex, it was suitable for use on that
7		provide a medium for fire spread if it is likely to be a	7		or for a building of that height.
8		risk to health or safety."	8	Q.	Right. Well, we'll come back to that, but I just want
9		That was something you knew well, did you?	9		to get your answer clear at this stage.
10	A.	Yes.	10		Did you think that the Celotex RS5000 complied
11	Q.	Then it says in the next paragraph well, I should	11		because it was of limited combustibility, or complied
12		read it all:	12		because it had passed an 8414 test in accordance with
13		"The use of combustible materials in the cladding	13		BR 135?
14		system and extensive cavities may present such a risk in	14	A.	I considered it okay by reading the information on the
15		tall buildings.	15		LABC website.
16		"External walls should either meet the guidance	16	Q.	I'm sorry, that's not quite an answer to my question.
17		given in paragraphs 12.6 to 12.9 or meet the performance	17	A.	Yeah.
18		criteria given in the BRE Report (BR 135) for	18	Q.	Did you think that the Celotex complied because it was
19		cladding systems using full scale test data from	19		a material of limited combustibility
20		BS 8414-1:2002 or BS 8414-2:2005."	20	A.	No.
21		Did you understand from this, at the time of the	21	0.	or because it had passed a BS 8414 test in accordance
22		Grenfell Tower project and your involvement in it, that	22		with BR 135?
23		ADB contained essentially two potential routes to	23	A.	8414.
24		compliance with the functional requirement of part B4 of	24	Q.	Yes. I see. So when you answered my question a moment
25		the Building Regulations?	25		ago whether the applicant for Building Control was
		37			39
1	A.		1		
1 2	A.	37	1 2		39
	A.	37 It gave you four options, as far you could use the		А.	39 relying on BR 135 and 8414, I think you said no. Is
2	A.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you	2	A. Q.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong?
2 3		37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could	2 3		39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please?
2 3 4		37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135.	2 3 4		39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier
2 3 4 5		37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on	2 3 4 5		39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the
2 3 4 5 6	Q.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower?	2 3 4 5 6		39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on
2 3 4 5 6 7	Q. A.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B.	2 3 4 5 6 7	Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test
2 3 4 5 6 7 8	Q. A. Q.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just	2 3 4 5 6 7 8	Q. A. Q.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes.
2 3 4 5 6 7 8 9	Q. A. Q.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain?	2 3 4 5 6 7 8 9	Q. A. Q.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence?
2 3 4 5 6 7 8 9 10	Q. A. Q.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the	2 3 4 5 6 7 8 9	Q. A. Q.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414
2 3 4 5 6 7 8 9 10 11	Q. A. Q.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the insulation was suitable for use on buildings of that	2 3 4 5 6 7 8 9 10 11	Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on
2 3 4 5 6 7 8 9 10 11 12	Q. A. Q.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the insulation was suitable for use on buildings of that height, and that cavity barriers would be provided in	2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres.
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the insulation was suitable for use on buildings of that height, and that cavity barriers would be provided in the appropriate location.	2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah.
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the insulation was suitable for use on buildings of that height, and that cavity barriers would be provided in the appropriate location. When you say that the insulation was suitable for use on buildings of that height, what do you mean by tha?	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A. Q. A. Q.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance?
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the insulation was suitable for use on buildings of that height, and that cavity barriers would be provided in the appropriate location. When you say that the insulation was suitable for use on buildings of that height, what do you mean by tha? Wel, the information that I looked up on the LABC	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the insulation was suitable for use on buildings of that height, and that cavity barriers would be provided in the appropriate location. When you say that the insulation was suitable for use on buildings of that height, what do you mean by tha?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB? Yes, sorry. Yes. The
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A.	37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the hisulation was suitable for use on buildings of that height, and that cavity barriers would be provided in the appropriate location. When you say that the insulation was suitable for use on buildings of that height, what do you mean by tha? Well, the information that I looked up on the LABC website said that the Celotex RS5000 was suitable for	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB? Yes, sorry. Yes. The I see.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A. Q.	<text><text><text><text><text></text></text></text></text></text>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB? Yes, sorry. Yes. The I see. Can we then move on a little bit, staying on this
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q.	<page-header>37 It gave you four options, as far you could use the Approved Document B, you could do a desktop study, you could offer a fire engineering solution, or you could use BR 135. Which of those routes to compliance was followed on Grenfell Tower? At the time, I thought it was AD Approved Document B. What do you mean by that in detail? Could you just explain? That the actual panels themselves were class 0, that the insulation was suitable for use on buildings of that height, and that cavity barriers would be provided in the appropriate location. When you say that the insulation was suitable for use on buildings of that height, what do you mean by tha? Wel, the information that I looked up on the LABC website said that the Celotex RS5000 was suitable for use on buildings of that height. Was there any suggestion we'll come back to that</page-header>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB? Yes, sorry. Yes. The I see. Can we then move on a little bit, staying on this page, to the question of external surfaces. This is
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q.	<text><text><text><text><text><text></text></text></text></text></text></text>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB? Yes, sorry. Yes. The I see. Can we then move on a little bit, staying on this page, to the question of external surfaces. This is regulated by section 12.6, and it says:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. Q.	<page-header></page-header>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. A. Q. A.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB? Yes, sorry. Yes. The I see. Can we then move on a little bit, staying on this page, to the question of external surfaces. This is regulated by section 12.6, and it says:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. Q.	<page-header></page-header>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. A. Q. Q.	39 relying on BR 135 and 8414, I think you said no. Is that right or is it wrong? Sorry, I'm could you repeat that again, please? Yes. You said, I think, in answer to an earlier question whether there was a suggestion that the applicant for Building Control approval on Grenfell Tower was relying on BR 135 and an 8414 test Yes. So what is your evidence? That they were relying on the material as a BS 8414 meeting the criteria for that and suitable for use on buildings over 18 metres. Right. So that was the route to compliance? Yeah. Not, as you put it earlier, ADB? Yes, sorry. Yes. The I see. Can we then move on a little bit, staying on this page, to the question of external surfaces. This is regulated by section 12.6, and it says: "The external surfaces of walls should meet the provisions in Diagram 40."

25 previous answer that, when it came to the insulation,

40

25 Q. If we go to diagram 40, it's at page 97

-	1	CLG00000173/97, and can we just look together at it
2	2	slowly. Here it is. If you look at e it's divided
	3	up into five, a, b, c, d and e, and e is in the middle,
4	1	and it says "Any building".
5	5 A.	Yes.
6	5 Q.	We can see the requirement for a building that is more
5	7	than 1 metre from a relevant boundary here, don't we?
8	3 A.	Yes.
9	9 Q.	With a part of it which is above 18 metres.
10) A.	Yes.
11	1 Q.	Did you understand there that the guidance says that,
12	2	above 18 metres, the external wall surface
13	3	classification should be class 0, national class?
14	4 A.	Yes.
15	5 Q.	Or class B-s3, d2 or better, which is the European
10	5	standard.
17	7 A.	Yes.
18	3 Q.	You understood that?
19	9 A.	Yes.
20) Q.	Did you know at the time of your involvement in Grenfell
21	1	what those classifications meant?
22	2 A.	Yes.
23	3 Q.	What did they mean?
24	4 A.	Well, a class 0 was a combination of two tests : a fire
25	5	propagation test and the surface spread of flame test.
		41
		11
-	1 Q.	Yes. And to be clear, are you able to give us the
2	2	numbers?
	3 A.	BS 476-6 and BS 476-7.
4	4 Q.	Yes.
[5 A.	Then from that they would give a standard, whether it
6	5	met that.
5	7 Q.	Right. Those are the tests .
8	З A.	Yes.
9	9 Q.	Were you aware of the different ways in which national
1()	class 0 could be achieved?
11	1 A.	Only through what I've just said.
12		Right. The reason I ask is because there is some
13		further guidance in appendix A, and I just ask you to
14		look at that. It's page 120 of Approved Document B
15		{CLG00000173/120}, and I just want to look with you at
10		appendix A.

- 17 A. Ah, yeah.
- 18 $\,$ Q. If you look at paragraph 5, you can see where the
- 19relevant tests are set out, and then the European tests20as well.
- 21 A. Mm.
- Q. Do you also recall that there is a paragraph in ApprovedDocument B which deals with linings?
- 24 A. Yes, there is.
- 25 $\,$ Q. And were you aware that class $\,$ 0 could be achieved if the

1		material was of limited combustibility throughout?
2	Α.	Yeah. Yes, yes.
3	Q.	Right, okay. Perhaps we don't need to find it .
4		If we go back to paragraph 12.6, this is back to
5		pages 95 and 96 {CLG00000173/95}, we can see that there
6		is a reference there to external surfaces of walls. Did
7		you have a view at the time of what "external surfaces
8		of walls" meant?
9		(Pause)
10	A.	The actual surface itself .
11	Q.	And at the time of the Grenfell Tower refurbishment, did
12		you understand that that requirement under
13		paragraph 12.6 applied to the rainscreen, the panels?
14	A.	To the external surface.
15	Q.	When you say "the external surface ", do you mean to the
16		panels or to the external surface of the panels?
17	A.	The external surface of the panels.
18	Q.	Thank you.
19		If we go on, please, to section 12.7 on page 96
20		{CLG00000173/96}, please, this deals with insulation
21		materials/products, and it says:
22		"In a building with a storey 18m or more above
23		ground level any insulation product, filler material
24		(not including gaskets, sealants and similar) etc. used
25		in the external wall construction should be of limited
		43
		40
1		combustibility (see Appendix A). This restriction does
2		not apply to masonry cavity wall construction which
3		complies with Diagram 34 in Section 9."
4		At the time of Grenfell Tower and your involvement
5		in it , what did you understand the phrase "limited
6		combustibility" to mean?
7	A.	That would be in accordance with the test. I think
8		it's it's either BS 476-4 or BS 476-11. One is for
9		non-combustibility and the other one is for limited
10		combustibility.
11	Q.	At the time of your work on Grenfell Tower, how did you
12		understand that provision, 12.7, to apply to
13		a rainscreen cladding system?
14	A.	Well, the insulation would well, the insulation
15		should be of limited combustibility. As I referred
16		previously, I it said that it was suitable for use on
17		buildings over that height because it passed the other
18		test.
10 19	0	What, the 8414 test?
20	Q. A.	Yes.
20	А. Q.	As I say, we'll come back to that.
22	ų.	You just mentioned insulation. Can I just ask you
		Tou just mentioned insulation. Call I just ask you

- whether you agree that paragraph 12.7 also applies to
- 24 products with an insulating core, such as window infill
- 25 panels, for example?

1		(Pause)	1	
2	A.		2	
3	Q.	G A	3	A
4		window surrounds, would that be covered by 12.7?	4	Q
5	A.	Sorry, could you repeat the question?	5	
6	Q.		6	A
7		Did you think at the time of your involvement in the	7	Q
8 9		Grenfell Tower project that insulating materials which	8 9	A
9 10		are used to pack window surrounds or used behind window surrounds	9 10	Q
11	A.	Inside or outside?	11	A
12	А. Q.	Well, that's a good question. But window surrounds	12	А
13	Q. A.	Yeah, round the outside.	13	
14	Q.	forming part of a rainscreen cladding system.	14	Q
15	Q. A.	It would have to comply with that.	15	Ŷ
16	Q.	What about insulating materials packed into cavities	16	А
17	۷.	which are created by the overcladding system or scheme?	17	Q
18	Α.	Yes.	18	٦
19	Q.		19	
20	.	or thoughts about the relationship between the	20	
21		requirements of paragraph 12.7 and a composite panel,	21	А
22		an ACM composite panel with a PE core?	22	
23	A.	It's not something I considered at the time.	23	Q
24	SIR	MARTIN MOORE-BICK: Sorry, it was something you	24	
25		considered or it was not something you considered?	25	
		45		
1	A.	Not. As I say, I was concerned that it had the surface	1	
2		spread of flame, the actual that it was class 0.	2	
3		I didn't consider the material inside at the time to be	3	A
4		a filler material. My understanding of filler material	4	Q
5		at the time was filler material to make good joints and	5	S
6		to round the as I say, to finish off the insulation,	6	
7		as it were.	7	
8	SIR	MARTIN MOORE-BICK: Thank you.	8	
9	MR	MILLETT: Was it your understanding at the time of your	9	
10		involvement in the Grenfell Tower refurbishment that,	10	A
11		when a building has a storey with a floor level over	11	S
12		18 metres in height, paragraph 12.7, as we can see here,	12	Ν
13		applies to the whole of the external wall construction	13	
14		and not only to those parts above 18 metres?	14	
15	Α.	Yes, in that in this particular case, yes.	15	
16	Q.	Finally on this topic, I want to look very briefly, if	16	
17		we can, at what is said in ADB about cavity barriers.	17	A
18	A.	Yes.	18	Q
19	Q.	All right? Can we look at page 96 {CLG00000173/96},	19	A
20		paragraph 12.8, under the heading "Cavity barriers ",	20	Q
21		just below where we were looking, and it says:	21	
22		"Cavity barriers should be provided in accordance	22	
23 24		with Section 9."	23 24	A
24 25		We're going to come on to look at this later on in	24 25	Q
25		your evidence, but at this point I just want to ask you:	25	Α

1		did you understand at the time that cavity barriers were
2		required in the cladding?
3	Α.	Yes.
4	Q.	And just breaking that up a bit, first of all, at the
5		line of the compartment floors and walls?
6	Α.	Yes.
7	Q.	And what about around openings, such as windows?
8	Α.	Yes.
9	Q.	What about at the junction of the top of the cladding
10		and the crown of the building; did you think
11	Α.	I didn't at the top, yes. I didn't consider we had
12		control of the crown, because it wasn't a concealed
13		space.
14	Q.	You say, "I didn't consider we had control of the
15		crown"
16	Α.	Yes.
17	Q.	" because it wasn't a concealed space."
18		I'm not sure I follow that. Are you saying the
19		crown was outside your remit as a Building Control
20		officer ?
21	Α.	My understanding of the regulations was that
22		cavity barriers were for concealed spaces.
23	Q.	Right. That I think I do understand, but I think the
24		answer to my question is that the crown itself wasn't
25		outside your remit as a Building Control officer ; you
		47
1		were still required, were you not, to assess whether or
2		not
3	A.	Oh, yes, yes, I did assess it, sorry.

- . Fine.
- SIR MARTIN MOORE-BICK: But I think the point you were
- making, if $\ I \$ have understood you correctly , was that
- there was no concealed space in the crown that would
- require a cavity barrier within the crown; is that the point?
- . Yes, yes.
- SIR MARTIN MOORE-BICK: Thank you.
- AR MILLETT: Mr Anon in his statement -- and this is
- {RBK00029897/3}, paragraph 12 -- says that RBKC
- Building Control was generally informed of any changes
- and updates to the Building Regulations and guidance by
- the LABC. Is that correct?
- Yes, as far as I can recall.
- Do you recall having access to a provider called IHS?
- Yes.
 - Were you aware that technical and other information
- concerning the Building Regulations was available online
- via IHS?
- Yes.
- Did you access information such as that yourself?
 - From time to time, yes.

1	Q. When did you do so? What would prompt you to do so?	1	TH	E WITNESS: Yes.
2	A. If I wanted to look up a product sometimes	2	SIF	R MARTIN MOORE-BICK: Good, thank you.
3	Q. I see.	3		Yes, Mr Millett.
4	A I would do that.	4	MF	RMILLETT: Thank you, Mr Chairman.
5	Q. Do you remember whether you did so for the specific	5		Mr Hoban, right at the start of your evidence you
6	purposes of the Grenfell Tower refurbishment?	6		referred to your police witness statement and a comma
7	A. Not that I can recall.	7	Α.	Yes.
8	Q. Did the information which came through the IHS website	8	Q.	I have been helpfully taken by your legal representative
9	include any information on fire safety?	9		to this comma at {HOB00000219/12}. I just want to clea
10	A. We would look or I would use it when I was looking up	10		that out of the way before we go back to your
11	products or particular information. I don't think we	11		substantive evidence.
12	actually got, as it were, bulletins, for want of	12		If you look at the second paragraph break, you will
13	a better word.	13		see a third paragraph which starts:
14	Q. Right.	14		"My role did not involve"
15	Do you recall using the IHS information source to	15		Do you see that?
16	look up information on fire safety generally or	16	Α.	Yes.
17	specifically in relation to any query you had on the	17	Q.	Then there is a second sentence which says:
18	Grenfell Tower project?	18		"In relation to the fire safety, risk assessment ar
19	A. Not that I can recall .	19		management of the building, ${\rm I}$ had no involvement in
20	MR MILLETT: Right.	20		that ."
21	Mr Chairman, we're going to move to a slightly	21		Can you help us, which is the comma you
22	different topic not a hugely different topic, but	22	Α.	It 's the comma an after "safety ".
23	nonetheless a different one which I won't finish	23	Q.	"Fire safety"?
24	before a natural break. It might be convenient to take	24	Α.	Yes.
25	a break now.	25	Q.	And do you want the comma there or not there?
	49			51
1	SIR MARTIN MOORE-BICK: Yes. Shall we say 11.35 to give	1	A.	Removed, please.
2	Mr Hoban time to get back to the room and have a break?	2	Q.	•
3	MR MILLETT: Yes.	3		fire safety risk assessment"
4	SIR MARTIN MOORE-BICK: Yes.	4	A.	Yes.
5	Mr Hoban, we're going to take a break at this point.	5	Q.	" and management of the building"
6	I hope you have been holding up all right so far.	6		Is that correct?
7	THE WITNESS: Yes, thank you.	7	A.	Correct.
8	SIR MARTIN MOORE-BICK: We will stop now and come back at	8	Q.	Thank you very much.
9	11.35.	9		Can I then go back to your evidence on technical
10	Please, while you're out of the room, don't talk to	10		matters. I want to turn to the question of what you
11	anyone about your evidence or anything relating to it .	11		knew about industry guidance, please.
12	All right?	12		Were you familiar with the detail of BR 135 at the
13	THE WITNESS: Right.	13		time of your involvement in the Grenfell Tower
14	SIR MARTIN MOORE-BICK: If you go with the usher, she'll	14		refurbishment?
15	look after you.	15	A.	I was aware of the document, but I hadn't read it
16	THE WITNESS: Thank you.	16		substantially .
17	SIR MARTIN MOORE-BICK: Thank you very much.	17	Q.	Right. You hadn't read it substantially .
18	(Pause)	18	-	Is BR 135 something that you would normally be
19	Right, Mr Millett, 11.35.	19		required to refer to regularly as part of your role or
		0.0		

9		Can I then go back to your evidence on technical
10		matters. I want to turn to the question of what you
11		knew about industry guidance, please.
12		Were you familiar with the detail of BR 135 at the
13		time of your involvement in the Grenfell Tower
14		refurbishment?
15	Α.	I was aware of the document, but I hadn't read it
16		substantially .
17	Q.	Right. You hadn't read it substantially .
18		Is BR 135 something that you would normally be
19		required to refer to regularly as part of your role or
20		not?
21	Α.	No.
22	Q.	Not?
23	Α.	That was the first time I'd come across it .
24	Q.	You say that was the first time; when was the first time
25		you came across it?

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(A short break)

SIR MARTIN MOORE-BICK: Right, Mr Hoban, ready to carry on?

(11.17 am)

(11.35 am)

MR MILLETT: Thank you.

SIR MARTIN MOORE-BICK: Thank you.

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1	A.	Sorry. I was aware of it being in the regulations .
2	Q.	Right. Is that because it's referred to in
3	Α.	In the approved document.
4	Q.	Which we looked at before.
5	Α.	Yes.
6	Q.	Yes.
7	A.	What it is, there's in various approved documents it
8		refers to various British Standards in relation to
9		all many aspects of the regulations .
10	Q.	Right. Have you or had you ever read it at all?
11	A.	No.
12	Q.	Right.
13	A.	I was aware of the document, but I hadn't
14	Q.	Right. Well, let's see how we go with this. Maybe we
15		can take this a little bit more quickly, then.
16		Can I show you the document. It is {BRE00005554},
17		please. This is the second edition, published in 2003.
18		There was a third edition published in 2013, Mr Hoban.
19		This is the first page of it . If we can go to page 7
20		{BRE00005554/7}, please, there is a reference to
21		a building, Garnock Court, Irvine, under figure 1, and
22		this publication followed the fire in that building in
23		the summer of 1999.
24		Were you aware that there had been a tower block
25		fire in Scotland in 1999 which had given rise to the
		53
1		production of BR 135?
2	Α.	I may have
3	Q.	At least the second edition.
4	Α.	Well, I may have seen it in the news on television .
5	Q.	Right. I see.
6		Can we go to page 9 {BRE00005554/9}, please, where
7		the document explains the mechanism of rapid fire spread
8		up a building, and it explains it both in text and with
9		a picture.
10	Α.	Yes.
11	Q.	Were you familiar, perhaps from other reading, with this
12		picture or diagram and what it's showing?
13	Α.	No, not at the time.
14	Q.	Did you understand at the time the general proposition
15		that cladding systems can create the opportunity for
16		rapid unseen flame spread, causing an unacceptable risk
17		to the occupants?
18	Α.	I may have been or I would have been aware of it , but
19		not it wasn't in the forefront of my thoughts.
20	Q.	Right.
21		Did you know that there were principles such as
22		these which warned that external cladding systems offer
23		a potential route for fire spread through multistorey
24		buildings, and that close attention should be paid to
25		the installation cavity barriers, which would inhibit

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1		the spread of flame?
2	A.	Yes.
3	Q.	And specifically do so in the event of a fire involving
4		an external cladding system?
5	A.	Yes.
6	Q.	You did.
7		Were you aware and we can take this from page 10
8		{BRE00005554/10}, paragraph 3, under the heading
9		"Cavities" of the general principle shown by
10		figure 4, that if flames become confined or restricted
11		by entering cavities within the external cladding
12		system, they can become elongated as they seek oxygen
13		and fuel to support the combustion process?
14	Α.	I was sorry, could you repeat the question?
15	Q.	Well, \ensuremath{I} can do it by reference to the text, actually, in
16		the middle of the page. Under "Cavities ", the bullet
17		point there, which is under the heading "Interaction
18		with the external envelope", in the third line it says:
19		"If flames become confined or restricted by entering
20		cavities within the external cladding system, they will
21		become elongated as they seek oxygen and fuel to support
22		the combustion process. This process can lead to flame
23		extension of five to ten times that of the original
24		flame lengths [and this is in bold] regardless of the
25		materials used to line the cavities . This may enable
		55
1		fire to spread rapidly, unseen, through the external
2		cladding system, if appropriate fire barriers have not
3		been provided."
4		And there is a reference to figure 4.
5	Α.	Yes.
6	Q.	You knew the principle, even if you didn't know the
7		text?
8	Α.	Yes, yes.
9	Q.	You did?
10	Α.	Yes.
11	Q.	Right.
12		Then in the same vein, same page, under paragraph 5,
13		it refers to the fire service intervention, and it says:

it refers to the fire service intervention, and it says: 13 14 "Where the external cladding system is not 15 significantly contributing to the spread of fire from 16 one storey to the (sic), then intervention by emergency 17 services should prevent continued fire propagation by 18 way of the building envelope. However, [and this is the 19 important bit] where the external cladding system is 20 contributing to the fire propagation rate, the potential 21 exists for the fire to affect multiple storeys 22 simultaneously, thus making firefighting more 23 difficult ." 24 Again, although you didn't read the text of this at 25 the time, were you aware of that as a general principle?

1	Α.	By seeing fires on the news, yes.	1		Tables A6 and A7 of Approved Document B). Typically
2	Q.	By seeing fires on the news?	2		cementitious-based products through to natural products
3	Α.	Yeah.	3		such as stone veneers and coated metal panels."
4	Q.	Can you help me with that, when did you first see fires	4		Then if you look at the next page {BRE00005554/18}
5		on the news that you're	5		in the last two sentences, it says:
6	Α.	Well, one that comes to mind was the Dubai fire .	6		"Metal panels such as aluminium may fall from the
7	Q.	You say the Dubai fire ; in fact , there were two fires in	7		system if the strength of the fixings is affected by the
8		2015. Were you aware of earlier cladding fires on	8		local fire source. They may also melt, generating
9		high-rise buildings?	9		molten metal debris if exposed directly to the sustained
10	A.	Yes.	10		flame envelope."
11	Q.	There were some in the UAE in 2012 to 2013. Were you	11		Again, were you familiar with that as a principle,
12		aware of those, do you think, at the time?	12		if not the text of this particular guidance document?
13	A.	If they'd been on the news, yes.	13	Α.	Not at the time.
14	Q.	They'd been on the news. Did you see those?	14	Q.	Right.
15	A.	I couldn't say. I would expect myself to have seen	15		That's the 2003 edition. As I said before, there
16		those in the news.	16		was an edition published in 2013, and that's at
17	Q.	Okay. We will come back to some specific examples later	17		{CEL00003364}. I just want to identify one or two
18		on in your evidence, but I'll note the answer for this	18		further things in this document, which was a revision.
19		purpose.	19		Just to be clear, I think you've said you didn't
20		Can we just move on to page 17 {BRE00005554/17} of	20		read this document before
21		this document, please, and I just want to look with you	21	Α.	Correct.
22		at this section which says "System-specific details :	22		the Grenfell Tower project or at the time.
23		ventilated cavities ". In the third paragraph down there	23	τ.	Can we just jump to page 11 {CEL00003364/11} and
24		it says:	24		look at paragraph 2.1. In the third paragraph down it
25		"Once the fire is within the cavity, it may	25		says that there are potentially conflicting
20			20		
		57			59
1		propagate unseen through the system if adequate fire	1		requirements. Do you see that?
2		barriers are not employed. This may result in	2	Α.	Yes.
3		significant risk of system collapse or fire break out at	3	Q.	It says:
4		significant distances from the fire origin."	4		"These potentially conflicting requirements are
5		Now, again, were you aware of that as a general	5		highlighted in the area of innovative materials and
6		principle, even if not the specifics of	6		designs, which are being driven by the need to construct
7	A.	Yes, yes.	7		more energy-efficient and sustainable buildings. In
8	Q.	· · · · · · · · · · · · · · · · · · ·	8		order to meet these design challenges, the range of new
9	Ì	materials in fire ", "Insulation ", it says:	9		and innovative materials and designs of systems being
10		"The performance of insulating material when	10		offered as potential solutions has also increased the
11		subjected to this type of fire scenario has been	11		volumes of potentially combustible materials being used
12		outlined in the previous section. Typically,	12		in external cladding applications ."
13		non-combustible materials are used in these systems as	13		So is that something I know you weren't aware of
14		it is difficult to prevent fire entering the cavity and	14		the text at the time, but is that a principle or view or
15		spreading through the insulating material."	15		understanding that you were aware of?
16		Again, same question, Mr Hoban: were you aware of	16	Δ	It's not something I considered at the time.
17		that as a general principle, if not the text?	17		Right.
18	A.	Yes, yes.	18	Q.	Then looking at page 13 {CEL00003364/13}, if we can,
19	д. Q.	Then at the bottom of page 17, under the heading	19		this is in the context of external cladding systems
20	Q.		20		
20 21		"External panel", it says:	20 21		offering a route for fire spread through multistorey
21 22		"Materials used for external panels used can vary	21 22		buildings and the need for cavity barriers, similarly to
22 23		from non-combustible through to combustible."	22 23		what we saw in the 2003 edition. At paragraph 3.3.2 on that pade it gave this:
23 24		Then there is a first bullet point:	23 24		that page it says this:
		"Non-combustible materials and materials of limited			"Cavities .
25		combustibility [and that's a heading] (as defined in	25		"Cavities may be incorporated within an external

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1cladding system, or may be formed by the clamination or afferement in movement in m						
3 shames become confined or restricted by entering 3 propagate unseen through the system oblapse, or in the free 4 cavities within the external cladding system, they will 5 become clongated as they seek oxygen and fuel to support 5 6 5 significant distances ring its origin." 7 7 Their may the same thing as the 2003 edition. 8 significant distances ring its origin." 8 So, again, were you aware of that principle at this 9 A. As regards cavity harriers breaking up, yes. 11 A. Could you go trough that again, sorry? 11 8 Could you go trough that again, sorry? 11 12 V. Fes. of course. 12 7 Their tess of the principle at the same theory the system oblapse, the design and spread and potential system collapse, the design and spread and potential sue of a courser the possibility of rpid fire system 13 A. Yes, fire barriers." 16 16 16 14 0. L's shout cavity barriers because they did so is because if nor in avritis is and that creation they distance of parts of this which say very marked the system whey 11 become they astema, then did diddes these issues, including the provision of the resistem. 15 A Yes. ("ma wareof that.") A Yes, fire barriers." A Yes, fire barriers." 14<			cladding system, or may be formed by the delamination or			
4cavities within the external cladding system, they will become longated as they seek acges and fiel to support the combustion process?4barriers are not employed. This may result in significant risk of system collapse, or in the fire tradition of the intervention of	2		differential movement of the system in a fire . If 2		"If the fire is able to enter the cavity, it may	
5become clougated as they seek oxygen and fuel to support the combustion process?5significant risk of system collapse, or in the fire breaking out at significant distances from its origin." A gain, was that something you were aware of at the time of this 2013 - still being very much alive principle?67A gain, was that something you were aware of at the time of1A. Could you go through that gain, sorry?109A. A regards cavity barriers breaking up, yos.1A. Could you go through that gain, sorry?11A. Could you go through that gain, sorry?123A. Right.13The offer to counser the possibility of rapid fre special and burning the set gain and the design and selection of materials used to construct these system abould address these issue, including the provision of fire barriers?160. It's about cavity barriers needed to be provided.16The offer to counser the possibility of rapid fre special and burning hey meriding the selection of materials used to construct these system abould address these issue, including the provision of fire barriers?17fire about and ybus or the yes of the system, they the borne combustion process? That's why they're important.10A. Yes, the barriers?18full provide over to tast.21A. Yes, the was referred by an or yes of 22 (ELD00003364/19), sorry.119full provide over to tast.21A. Yes, yeah, Yes,10full regat barber is a parsgraph I just want to look at why you. This is under the heading of '-3.110full regat barber is a parsgraph I just want to look at why you. Thi	3		flames become confined or restricted by entering	3		propagate unseen through the system if adequate fire
6the combustion process.6breaking out at significant distances from its origin.7Then it says the same thing as the 2003 edition.7Again, were your aware of that principle at this9time - this is 2013 - still being very much a live9A Ar regards covity barriers breaking up, yes.10principle?100. Yes.11A Could youg obrough that again, sorry?11It gues on at the bortom of that subparagraph to120. Yes.100. Yes.13A Right.11The order to counter the possibility of rapid free140. It's about eavity barriers.1415A Yes. I was aware that cavity barriers needed to be1516mass become conflued or retrieved by an the reason they did as is because if170. Yes.1118Again, you took it from that, did you19cavities in the external cladding system, diey'll become1920Nes.2021ealerdear and that to support the2022Nes.2123Ves.2324If you go straight on to page 22 (ELL00003364/22),2425ist more back, page 19 (ELL0003364/19), sorry.11iskgreed-were to fast.2424Na page 2003264/19, sorry.125barriers to close these cavities are particularly26isystem-beeffe details: rendeed systems', and then to system if adequate fire2716Area the stap paragraph 5.4 - a thally, sorry can we <td>4</td> <td></td> <td>cavities within the external cladding system, they will</td> <td>4</td> <td></td> <td>barriers are not employed. This may result in</td>	4		cavities within the external cladding system, they will	4		barriers are not employed. This may result in
7Then it says the same thing as the 2003 edition.7Again, was that something you were aware of at the time of8So, again, were you aware of that principle at this principle?9A. A regards cavity barriers breaking up, yes.10principle?9A. A regards cavity barriers breaking up, yes.11A. Could you go through that again, sorry?11120. Yes, of course.12asy:13A. Right.13The offer to counter the possibility of rapid fire sprovidel.140. H's about cavity barriers needed to be providel.15asten the caver and trading system, they'l borner cavities in the caver and clading system, they'l borner cavities and sprach they.10There are an anumber of other parts of this which say very much the same thing, but if we can look at 6.4.1, there are an unber of other parts of the system, the selection of the insulation ''. The site and borner's ''. The subtach''.130. Yes.1As it can be difficult to prevent fire entering the cavity and spreading in the segaremaly a prize to close these cavities are particularly important.141You go straight on to page 22 (EL00003364/19), sorry.1151As ga	5		become elongated as they seek oxygen and fuel to support	5		significant risk of system collapse, or in the fire
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		Q.				
24 1 II just go straight to page 22 (CEL00003364/22), 24 Q. Right.						
					Q.	
25 paragraph 6.4, probably quicker, "Ventilated cavity 25 Do you agree that, had you read this document	25		paragraph 6.4 probably quicker "Ventilated cavity	25		Do you agree that had you read this document
62 64			paragraph on, prosably quotion, contaitou currig	25		Do you agree that, had you read this document

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1		which, just to be clear, is a 2013 edition you would	1		produced by the BCA, Technical Guidance Note 18. This
2		have understood that cladding systems can create the	2		is at {CEP00057294}, please. This is, as I say, BCA
3		opportunity for rapid unseen fire spread, causing an	3		Technical Guidance Note 18, and it's issue 0, June 2014,
4		unacceptable risk of fire to the occupants?	4		"Use of Combustible Cladding Materials on Residential
5	A.	Yes.	5		Buildings ".
6	Q.	And that an external cladding system offered a potential	6		Have you ever seen this document before?
7	Ì	route for fire spread through multistorey buildings, and	7	A.	I have since the fire.
8		that close attention should be paid to the installation	8	Q.	Right, but not before?
9		of cavity barriers to inhibit the spread of flame?	9		Not before the fire.
10	A.		10		Right.
11	0.	And particularly in the event of a fire involving the	11		Did you know about its existence before the fire
12	Ì	external cladding system itself?	12	A.	No.
13	A.	Yes.	13	0.	even though you no?
14	Q.	Yes. That meant that you would have understood that	14	A.	
15	Ì	particular attention should be paid to the selection of	15	Q.	
16		insulation materials?	16		Did you know at all that the BCA published technical
17	A.	Insulation material the actual insulation material	17		guidance notes for the benefit of its members in the
18		itself, yes.	18		construction industry to promote
19	0.	Yes.	19	A.	
20	Ì	Can I now turn then to a different document or	20	0.	You did not?
21		different subject, which is the BCA guidance.	21	A.	
22		Are you familiar with the Building Control Alliance	22	Q.	Can I then just take you into the chunk of this first
23		as a body?	23		page which deals with key issues, and I just want to
24	A.	I was aware of it .	24		show you the last paragraph:
25	0.	Right.	25		"A Surface Spread of Flame Classification does not
		65			67
		03			07
1		Now, were you aware that the Building Control	1		infer any resistance to combustibility, it is solely a
2		Alliance, or BCA, issued guidance documents for the	2		measure of the spread of a flame across the surface."
2 3		Alliance, or BCA, issued guidance documents for the construction industry?	2 3		measure of the spread of a flame across the surface." Did you understand that at the time?
2 3 4	А.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't.	2 3 4		measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes.
2 3 4 5	A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't.	2 3 4 5		measure of the spread of a flame across the surface."Did you understand that at the time?What, class 0 was to do across the surface? Yes.Yes.
2 3 4 5 6	Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No.	2 3 4 5 6		measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes.
2 3 4 5 6 7	Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association	2 3 4 5 6 7		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says:
2 3 4 5 6 7 8	Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support	2 3 4 5 6 7 8		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam
2 3 4 5 6 7 8 9	Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control?	2 3 4 5 6 7 8 9		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility
2 3 4 5 6 7 8 9 10	Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the	2 3 4 5 6 7 8 9 10		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be
2 3 4 5 6 7 8 9 10 11	Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies	2 3 4 5 6 7 8 9 10 11		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if
2 3 4 5 6 7 8 9 10 11 12	Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the	2 3 4 5 6 7 8 9 10 11 12		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body.	2 3 4 5 6 7 8 9 10 11 12 13		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you	2 3 4 5 6 7 8 9 10 11 12 13 14		 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable."
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable."
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to that, are you?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right. Were you aware in particular that thermosetting insulants like PIR don't meet or didn't meet the limited
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to that, are you? No, no, no.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right. Were you aware in particular that thermosetting insulants like PIR don't meet or didn't meet the limited combustibility requirements of ADB2?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. A. Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to that, are you? No, no, no. So, to be clear, LABC?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle orNo. guidance? You weren't, right. Were you aware in particular that thermosetting insulants like PIR don't meet or didn't meet the limited combustibility requirements of ADB2?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. A. Q. A. Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to that, are you? No, no, no. So, to be clear, LABC? Yeah, Local Authority Building Control.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right. Were you aware in particular that thermosetting insulants like PIR don't meet or didn't meet the limited combustibility requirements of ADB2? At the time, no.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q. A. Q. A. Q.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to that, are you? No, no, no. So, to be clear, LABC? Yeah, Local Authority Building Control. Right, okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right. Were you aware in particular that thermosetting insulants like PIR don't meet or didn't meet the limited combustibility requirements of ADB2? At the time, no. You weren't, right. Can we go, then, to the June 2015 version of this
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q. A. Q. A. Q. A. Q. A. Q. A.	 Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to that, are you? No, no, no. So, to be clear, LABC? Yeah, Local Authority Building Control. Right, okay. Can we look, then and this might not take long if 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q. A. Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right. Were you aware in particular that thermosetting insulants like PIR don't meet or didn't meet the limited combustibility requirements of ADB2? At the time, no. You weren't, right. Can we go, then, to the June 2015 version of this document, which is {CEL00002347}. This is issue 1.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q. A. Q. A. Q. A.	Alliance, or BCA, issued guidance documents for the construction industry? No, at the time I wasn't. You weren't aware? No. Right. Even though it's an alliance or association directly designed to assist and support Building Control? I read about it in relation to I mentioned the performance standards. It brings up a number of bodies on that. But my principal reference bodies were the LHBC and the government body. Now, we've got you down here as saying LHBC. Do you mean LABC. Because there's the NHBC as well, National House-Building Council, and you're not referring to that, are you? No, no, no. So, to be clear, LABC? Yeah, Local Authority Building Control. Right, okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A.	 measure of the spread of a flame across the surface." Did you understand that at the time? What, class 0 was to do across the surface? Yes. Yes. If you go on to the first bullet point under there, it says: "Thermosetting insulants (rigid polyurethane foam boards) do not meet the limited combustibility requirements of AD B2 Table A7 and so should not be accepted as meeting AD B2 paragraph 12.7. However, if they are included as part of a cladding system being tested to BR135 & BS8414, the complete assembly may ultimately prove to be acceptable." Were you aware of that as a general principle or No. guidance? You weren't, right. Were you aware in particular that thermosetting insulants like PIR don't meet or didn't meet the limited combustibility requirements of ADB2? At the time, no. You weren't, right. Can we go, then, to the June 2015 version of this

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1		weren't familiar with this document at the time of
2		Grenfell either?
3	A.	No.
4	Q.	Right.
5		Can I then turn to CWCT. Have you ever heard of the
6		Centre for Windows and Cladding Technology, Mr Hoban?
7	A.	Since the fire, yes.
8	Q.	You had never heard of it before the fire?
9	A.	No.
10	Q.	I suppose it would follow that you therefore weren't
11		aware that the CWCT also produced technical guidance
12		relevant to the fire performance of curtain walls and
13		rainscreen systems?
14	А.	No, I wasn't aware.
15	Q.	Right.
16		Did you ever refer to any CWCT guidance work at all
17		in your work on Grenfell?
18	Α.	No, I never used it at all on any
19	Q.	Right.
20	А.	building.
21	Q.	Were you not aware that the CWCT standard was
22		specifically provided for in the NBS specification for
23		Grenfell Tower?
24	Α.	I don't believe I actually saw that document.
25	Q.	Really?

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1		Can we then turn to your second statement, please.
2		If you go to that second statement and look at page 19
3		{RBK00050416/19}, we go to paragraph 48, and this is
4		under the heading "Inspections ". You say there:
5		"I am not aware of any formal written policy by RBKC
6		on the subject, however, I am aware that the
7		Building Control Performance Standards July 2014
8		produced by the Department for Communities and Local
9		Government states that `the scope and frequency of
10		inspections should be determined, and incorporated in
11		a formal written plan ."
12		Just for completeness, you say:
13		"I decided that I would endeavour to conduct site
14		visits once a month. I made this decision based on the
15		scope of the project."
16		I want to talk a little bit with you about the
17		standards, if we can.
18		Those standards, I think, were first published in
19		2006, weren't they?
20	Α.	Yes, yes.
21	Q.	And then they were revised in July 2014; yes?
22	Α.	Yes.
23	Q.	When they were revised in July 2014, do you remember
24		being alerted to that revision?
25	Α.	Not from works. I don't believe when it first came
		70

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1		out, we had a detailed meeting about those standards in
2		the office , but I don't recall whether we had a detailed
3		meeting when those when the second amendment came
4		out.
5	Q.	I see. So yes in 2006 when they first came out
6	Α.	Yeah, we had a
7	Q.	Right.
8	Α.	And there was Mr Jackson produced a document as a
9		subsequently upon those that document being produced.
10	Q.	Just so I'm clear, you say Mr Jackson produced
11		a document?
12	Α.	Yes.
13	Q.	That's in 2006, is it
14	Α.	Yeah.
15	Q.	when those standards were first promulgated?
16	Α.	Yes.
17	Q.	What about in 2014 when they were revised?
18	Α.	I don't recall seeing any revised document in the office
19		at that time.
20	Q.	I see. Did you know that there had been a revision?
21	Α.	Yes.
22	Q.	But you didn't look at it?
23	Α.	I did look at it, yes.
24	Q.	You did look at it?
25	A.	Yes.

1	Q.	In 2014?
2	Α.	Yes.
3	Q.	I see.
4		In carrying out your role as Building Control
5		officer on the Grenfell Tower project, did you have in
6		mind the standards set out in the Building Control
7		Performance Standards as revised in July 2014?
8		(Pause)
9	A.	I think generally they were the same. As I say, I we
10		had detailed discussions and we had as I say, there
11		was a document. I was aware, as I say, of the 2014
12		amendment. I can't say how much detail I went into, but
13		I was aware of the documents.
14	Q.	Yes, I follow.
15		Well,let 's be a little more specific . Can we look
16		at the 2014 standards themselves now. They are at
17		{CLG10006814}. That's the first page, and you can see
18		the date at the bottom, July 2014, published by the
19		Building Control Performance Standards Advisory Group,
20		part of the DCLG at the time.
21		If you go to page 4 {CLG10006814/4}, internal page 2
22		of this document, you can see the introduction there,
23		and in the penultimate paragraph on that page it says in
24		the last sentence:
25		"The Standards and supporting guidance establish the

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1		level of performance considered as a minimum in carrying	1	Δ	No.
2		out those tasks so that a Building Control Body's duties	2	д. Q.	That wouldn't come to the Building Control department?
3		and responsibilities under the legislation are	3		No, no, it wouldn't.
4		adequately discharged."	4	л. 0.	
5		So did you understand that this document was	5	Q.	approach to consents relevant to development control?
6		essentially setting out the minimum standard for	6	Δ	Yes.
7		Building Control officers to discharge their statutory	7	л. Q.	
, 8		functions?	8	Q.	To be specific about this, as we know from the
9	٨	It's not something that strikes me immediately, but	9		record in relation to the Grenfell Tower refurbishment,
10	л.	obviously it says it there.	10		if the planning department at RBKC had been told that
11	0	Right. Can we go on to page 11 {CLG10006814/11}, then.	11		ACM panels were to be used on Grenfell Tower as
12	Q.	This is standard 3, "Consultation", and the standard is	12		a high-rise residential building, would that be the sort
13		there in the green box:	13		of information that should be shared back with
14			14		
14		"Building Control Bodies shall undertake all	14 15	٨	Building Control by the planning department? I would say that's a matter for the planners to decide,
16		statutory consultations in a timely manner and the observations of consultees should be communicated in	16	А.	whether it's their policy to do that.
17			17	0	
18		writing to clients. It shall also consider the benefit	18	Q.	Yeah, yeah.
19		of undertaking additional consultation. It shall where	19		-
		appropriate co-operate in an integrated approach to		Ų.	in respect of a development or refurbishment over
20		consents relevant to development control."	20		which you had Building Control responsibility
21		Just breaking that down a bit if we can, statutory	21		Yes.
22		consultation, did that include consultation with,	22	Q.	would you expect RBKC's planning department to alert
23		for example, the fire authority, in this case LFEPA?	23		you to any design or planning matters, such as the
24		Correct.	24		application of ACM on the exterior of a high-rise
25	Q.	It says "an integrated approach to consents relevant to	25		building,that would be something which would fall
		73			75
1		development control"; would that be planning permission	1		within Building Control's remit, so that you could have
2		or the planning department?	2		an integrated approach?
3	A.	Sorry	3	A.	It would, yes, it would.
4	Q.	It 's the last part of the third sentence, I 'm so sorry,	4	Q.	It would. You would expect it to be shared with you,
5		in the green box:	5		would you?
6		"It shall where appropriate co-operate in an	6	A.	Yes.
7		integrated approach to consents relevant to development	7	Q.	Can we look on, then, to standard 5, which is on page 13
8		control ."	8		$\{CLG10006814/13\}$. We can see there again in the
9		Would that be planning permission?	9		green box, which is where we see these standards, and
10	A.	Yes, it would	10		this is under the heading "Assessment of plans ". If you
11	Q.	Right.	11		just look at the green box itself
12	A.	Although it doesn't say "planning development control".	12	Α.	Yes.
13	Q.	No, it says "development control".	13	Q.	and just read what's in there. Just take a moment to
14	A.	Control.	14		do that. I just want to ask you to look at the guidance
15	Q.	I know you perhaps weren't familiar with this specific	15		underneath it.
16		document in its revised form.	16		If you look at the first paragraph under the
17		Let me try it this way: in your experience as it	17		guidance, sitting under the green box, it says:
18		stood in the years from 2013 onwards, would the planning	18		"The purpose of plan assessment and design appraisal
19		department provide information to Building Control about	19		is to assist the process of achieving compliance of
20		a development?	20		building work with the Building Regulations.
21	A.	Only if they had a specific question on a matter.	21		Accordingly contraventions of Building Regulations
22	Q.	Right. What about in circumstances where an application	22		identified in drawings should be communicated in writing
23		was made to the planning department for approval of	23		to the designer. A written opinion should be issued on
24		a material to be used on the outside of a high-rise	24		all proposals submitted for assessment."
25		building?	25	Α.	Yes.
		74			76
		· •			

1	Q.	Would that be, in your understanding, a formal opinion,	1		matter.
2		or would advice by email suffice in order to comply with	2	Q.	Right. I'm not quite sure that's really answered my
3		the standard?	3		question. Let's try it a different way.
4	A.	Could be either.	4		Acolaid is an information system.
5	Q.	Looking down at the fourth paragraph, it says:	5	Α.	Yes.
6		"If plans are passed, or approved subject to	6	Q.	Who decided what should go on to it or what shouldn't go
7		conditions, a schedule written in clear and unambiguous	7		on to it?
8		terms outlining the necessary modifications and/or of	8	Α.	That would be a manager well, we would, as
9		the further plans or information required to demonstrate	9		a surveyor, put information relating to inspections.
10		compliance should be issued to the client ."	10		Decision notices would be processed by business support,
11		So does that mean that a record of the conditions	11		and the actual application itself would be put on the
12		should be made and kept?	12		system once it was validated by a manager.
13	A.	Yes.	13	Q.	I see.
14	Q.	The guidance also says that records of the plan	14		Now, can we look at your second witness statement,
15		assessment process should be kept. Is that not just	15		please, and I want to go to paragraph 18d
16		a record of the formal decision, but a record of the	16		{RBK00050416/6}. There we see:
17		Building Control officer's review of the plans	17		"Did you run a building control tracker for
18		themselves?	18		Grenfell Tower?
19		(Pause)	19		"No. I used a plan check record sheet instead."
20	A.	What yes, yes, yes.	20	A.	Yes.
21	Q.	In terms of record-keeping at RBKC, we know there was	21	Q.	What kind of matters would you record on the plan check
22		a computer system called Acolaid.	22		record sheet?
23	A.	Yes.	23	A.	Sorry, it 's been a while since I 've done
24	Q.	How in general terms was that used for managing full	24		(Pause)
25		plans applications at the time of the Grenfell Tower	25		What I looked at I haven't got that form in
		77			79
1		project, and specifically 2012 to 2014 in this case?	1		front of me anymore, so it was a form that had been
2	Α.		2		adopted some years previously, so you would be
3		a manager, whether it was a valid application or not,	3		considering the application under the various approved
4		and then it was sent to the business support group to	4		documents.
5		put on the system, and then a file would be produced and	5	Q.	0
6		then it would come to the surveyor, and then	6	Α.	And I don't know whether it would go on about
7		an assessment of the plans would be done. There may be	7		consultations or not, because, as I say, I don't have
8		discussions and meetings in the course of that	8		that form to hand. But as regards consultations,
9		particular period.	9		I would send all the proposals to the fire regulation
10	Q.	I see. Would all that be done through the Acolaid	10		group, and they would
11		system? So all these communications would be on the	11		Right.
12		Acolaid system, would they?	12		consider the application.
13	A.	That I'm not certain of.	13	Q.	What did a plan check record sheet look like just in
14	Q.	5	14		outline?
15		How did you decide or did the Building Control	15	Α.	It was an A4 sheet divided into the various elements.
16		department decide what went on to Acolaid and what	16		As I say, (a) structure, (b) fire, (c) damp-proofing and
17		didn't?	17		contamination.
18	A.	As regards what particular things?	18	Q.	Was it a record of what you looked at or was it a record
19	Q.	Well, as regards specifically managing full plans	19		of a plan that you had to look at things?
20		applications .	20		It would be of the actual application itself .
21		(Pause)	21	Q.	Oh, I see.
22	Α.	Well, I know they would enter the details of the agent.	22		Where did you keep the plan check record sheet
23		That would be done by business support when the	23		generally?
24		application came in. As regards what information came	24	Α.	That would be in the file .
25		in, whether that was that would be a business support	25	Q.	Was it kept on computer or handwritten or hard copy
25					

1		C1 0	1		
1		files ?	1		may not have been transferred to the Acolaid file .
2	A.		2	Α.	Maybe. As I say, it's not consistent with the way that
3	Q.	I see.	3	0	I would do work.
4		Now, the Inquiry doesn't have a copy of your plan	4	Ų.	Very well.
5		check record sheet for the Grenfell Tower refurbishment.	5		Did you mark up drawings or other documents on the
6		Do you remember whether it was retained on the hard copy	6		physical file?
7		file , or what might have happened to it?	7	Α.	Yes. Well, what I would do, when I was reviewing
8	-	I don't know.	8		a drawing, I would actually initial and date when
9	Q.	Now, you have also referred in your statement to keeping	9		I looked at it, and then I would highlight anything that
10		records in a notebook. Was that your A3 notebook?	10		would concern me.
11	Α.	Yes, I would have a number of these books, I would use	11	Q.	Right.
12		those.	12		Let's just look at what you say in your second
13	Q.	Did you ever transfer the notes in your notebook on to	13		statement about that. It's page 8 {RBK00050416/8},
14		the Acolaid system?	14		please, if we can look at paragraph 27. You say there
15	Α.	I did, although there are from what I've seen,	15		at the very top of the page perhaps we will just look
16		there's some notes missing, of both myself and	16		at the question you're answering at the bottom of the
17		colleagues .	17		previous page {RBK00050416/7} first of all . The
18	Q.	Right. Can you explain why that might be?	18		question is:
19	Α.	I can't. As I say, I don't know I would generally	19		"Did you review the proposed design for the exterior
20		put the notes in either on the day or a few days later.	20		cladding on the tower? If so, when did you do that and
21	Q.	Right.	21		where is that recorded?"
22	A.	Sometimes notes, if you didn't tick the box and went on	22		Then if we go to the top of page 8, you say:
23		to another job, it may not retain them. But I certainly	23		"Yes I did. I would have recorded this either on my
24		know that I did more visits than what was reflected on	24		plan check record sheet or my physical diary or other
25		Acolaid.	25		notes kept on file ."
		81			83
1	0		1		
1	Q.	Indeed, and we're going to come to that in detail later	1		I just want to ask you about the other notes kept on
2	Q.	Indeed, and we're going to come to that in detail later in your evidence.	2		I just want to ask you about the other notes kept on file . What are those?
2 3	Q.	Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes	2 3	A.	I just want to ask you about the other notes kept on file . What are those? If I went to I remember going to a meeting on in
2 3 4	Q.	Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes miss, "both myself and colleagues", does that mean that	2 3 4	A.	I just want to ask you about the other notes kept on file. What are those? If I went to I remember going to a meeting on in the first initial meeting, and I made certain notes of
2 3 4 5	Q.	Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes miss, "both myself and colleagues", does that mean that you think they're missing from the Acolaid system	2 3 4 5	A.	I just want to ask you about the other notes kept on file . What are those? If I went to I remember going to a meeting on in the first initial meeting, and I made certain notes of that meeting and kept that on file , made my own notes of
2 3 4 5 6	Q.	Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes miss, "both myself and colleagues", does that mean that you think they're missing from the Acolaid system because you didn't put them in?	2 3 4 5 6		I just want to ask you about the other notes kept on file . What are those? If I went to I remember going to a meeting on in the first initial meeting, and I made certain notes of that meeting and kept that on file , made my own notes of things that were discussed.
2 3 4 5 6 7	A.	Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes miss, "both myself and colleagues", does that mean that you think they're missing from the Acolaid system because you didn't put them in? At the time, I thought I put all my notes in.	2 3 4 5 6 7	Q.	I just want to ask you about the other notes kept on file . What are those? If I went to I remember going to a meeting on in the first initial meeting, and I made certain notes of that meeting and kept that on file , made my own notes of things that were discussed. Right.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Q. A.	 Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes miss, "both myself and colleagues", does that mean that you think they're missing from the Acolaid system because you didn't put them in? At the time, I thought I put all my notes in. Right. Did you have a practice of entering your handwritten notes or the content of those notes into the Acolaid system? Yes, I would, as I say, do it if I had time on that day, or sometimes I would come in at weekends to do my notes. Right. Do you remember any times when you let that practice lapse and failed to enter your notes on to the Acolaid system? Not that I'm aware. As I say, there was a lot going on outside work at the time, so I don't know whether there could have been events where I didn't, but generally I was very good, because what I would do, 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A. Q. A.	I just want to ask you about the other notes kept on file . What are those? If I went to I remember going to a meeting on in the first initial meeting, and I made certain notes of that meeting and kept that on file , made my own notes of things that were discussed. Right. I have asked for some minutes. Unfortunately, it would appear that no minutes were done at that meeting. Why were those not transferred to the Acolaid system? You couldn't Acolaid was for site visits , as I say. It wasn't It wasn't for private notes of meetings internally? Yes. I follow that. If you also look on in the statement to page 10 (RBK00050416/10), you can see at paragraph 33(e) there you refer to your A3 notebook. Yeah. You say, "RBKC cannot locate my notebook". Was that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. A. A.	 Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes miss, "both myself and colleagues", does that mean that you think they're missing from the Acolaid system because you didn't put them in? At the time, I thought I put all my notes in. Right. Did you have a practice of entering your handwritten notes or the content of those notes into the Acolaid system? Yes, I would, as I say, do it if I had time on that day, or sometimes I would come in at weekends to do my notes. Right. Do you remember any times when you let that practice lapse and failed to enter your notes on to the Acolaid system? Not that I'm aware. As I say, there was a lot going on outside work at the time, so I don't know whether there could have been events where I didn't, but generally I was very good, because what I would do, I would get my book and put a line through the notes as 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. A. Q. A.	I just want to ask you about the other notes kept on file . What are those? If I went to I remember going to a meeting on in the first initial meeting, and I made certain notes of that meeting and kept that on file , made my own notes of things that were discussed. Right. I have asked for some minutes. Unfortunately, it would appear that no minutes were done at that meeting. Why were those not transferred to the Acolaid system? You couldn't Acolaid was for site visits , as I say. It wasn't It wasn't for private notes of meetings internally? Yes. I follow that. If you also look on in the statement to page 10 {RBK00050416/10}, you can see at paragraph 33(e) there you refer to your A3 notebook. Yeah. You say, "RBKC cannot locate my notebook". Was that a number of notebooks you kept?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Q. A. A.	 Indeed, and we're going to come to that in detail later in your evidence. When you say, from what you have seen, there's notes miss, "both myself and colleagues", does that mean that you think they're missing from the Acolaid system because you didn't put them in? At the time, I thought I put all my notes in. Right. Did you have a practice of entering your handwritten notes or the content of those notes into the Acolaid system? Yes, I would, as I say, do it if I had time on that day, or sometimes I would come in at weekends to do my notes. Right. Do you remember any times when you let that practice lapse and failed to enter your notes on to the Acolaid system? Not that I'm aware. As I say, there was a lot going on outside work at the time, so I don't know whether there could have been events where I didn't, but generally I was very good, because what I would do, I would get my book and put a line through the notes as I put them on. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. A. Q. A. Q. A.	I just want to ask you about the other notes kept on file . What are those? If I went to I remember going to a meeting on in the first initial meeting, and I made certain notes of that meeting and kept that on file , made my own notes of things that were discussed. Right. I have asked for some minutes. Unfortunately, it would appear that no minutes were done at that meeting. Why were those not transferred to the Acolaid system? You couldn't Acolaid was for site visits , as I say. It wasn't It wasn't for private notes of meetings internally? Yes. I follow that. If you also look on in the statement to page 10 {RBK00050416/10}, you can see at paragraph 33(e) there you refer to your A3 notebook. Yeah. You say, "RBKC cannot locate my notebook". Was that a number of notebooks you kept? It was. As I say, it would be, as I filled in one,

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25 possible at this time that some notes on some occasions

different from your notebook or was that the notebook?

1	Α.	I had that and I obviously had my Outlook calendar, and	1	
2		there was a system where we would have to put on our	2	
3		all surveyors had to put on their daily visits so that	3	
4		people were aware where people were.	4	
5	Q.	Yes. So in total, just so that we're all clear about	5	
6		where you would record things, we've got Acolaid.	6	
7	Α.	Yes.	7	
8	Q.	We've got your Outlook diary.	8	
9	Α.	Yes.	9	
10	Q.	We've got a physical diary.	10	
11	Α.	Yes.	11	
12	Q.	I think we have also got your notebook you've referred	12	
13		to.	13	
14	Α.	Yes.	14	
15	Q.	A plan check record sheet and then the file itself .	15	
16		Have I missed anything out?	16	
17	Α.	Sorry, could you go over those again, please?	17	
18	Q.	Yes, of course. First, there is Acolaid.	18	
19	Α.	Yes, that would	19	
20	Q.	We've got your Outlook diary.	20	
21	Α.	Outlook calendar, yes.	21	
22	Q.	Calendar. Then we've got your physical diary, which you	22	
23		referred to a moment ago.	23	
24	Α.	Correct.	24	

25 Q. Then there is the notebook, the A3 notebooks you have

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- 1 referred to.
- 2 A. That -- yeah.
- 3 Q. There is the plan check record sheet, which we discussed
- 4 earlier, for looking at applications, and then finally
- 5 the file itself, the physical file.
- 6~ A. Well, the plan check would be in the file .
- $7 \quad Q. \quad I \ follow.$
- 8 A. Yeah.
- 9 Q. Other than that, were there any other places where you
 10 would record discussions or your findings or
- 11 inspections?
- $12\,$ A. No, I can't think of any other --
- 13 Q. Right.
- 14 Can we then go back to the standards we were looking
- 15 at earlier on, which we'll find at -- this is the
- 16 July 2014 edition -- {CLG10006814/15}, please. This 17 relates to site visits, "Site inspection", as you can
- 17 relates to site visits, "Site inspection", as you can18 see, and we're going to be going through your site
- 19 inspections on the Grenfell Tower project in due course
- 20 in a lot of detail. But just looking at this standard,
- 21 you can see that it says that standards need to be
- 22 adequate and that sufficient records are kept. Do you
- 23 see that?
- 24 A. Yeah.
- 25~ Q. I have summarised it perhaps a little $% \left({\left[{{{\rm{D}}} \right]_{\rm{T}}} \right)_{\rm{T}}} \right)$ but
 - 86

1		that's the effect of the green box.
2		If we look at page 16 {CLG10006814/16}, under
3		"Inspection frequency", you can see the little mini
4		heading there just below the bullet points, halfway down
5		the page, it says:
6		"The scope and frequency of inspection should be
7		determined, and incorporated in a formal written plan."
8		Do you see that?
9	A.	Yes.
10	Q.	Do you remember whether that was done as a matter of
11		course
12	Α.	No.
13	Q.	within the Building Control department overall?
14	Α.	I don't believe it was.
15	Q.	It wasn't, right. Do you know why it wasn't?
16		(Pause)
17	Α.	It just wasn't done that way.
18	Q.	No, I know, but do you know why?
19	Α.	No.
20	Q.	Did you ever raise this issue with John Jackson or
21		John Allen or anybody else within the RBKC Building
22		Control department?
23	Α.	No, it was just the way it was done in the office .
24	Q.	Right.
25		So without a formal written plan, how would you go
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1		about planning the scope and frequency of inspections?
2	Α.	Generally, as I say, I decided for that particular job
3	0	that I would visit every month.
4	Q.	Right.
5	Α.	As regards other jobs, it would depend on what was going
6		on, the standard of workmanship

7 Q. Right.

- 8 A. -- and, you know, generally what the standard of the
 - builder -- or the type of work that was going on at the
- 10 time. Because, again, with basements, there would be
- 11 a bigger frequency because you were looking at
- 12 structural matters.
- Q. You decided on once a month at the start of the project;
 did you review that constantly? Did you review the
 sufficiency of once a month constantly through the life
 of the project?
- 17 A. I did review it in relation to -- I got an addition --18 well, I got additional work when colleagues left, left 19 the department, I actually got their areas, a couple of 20 my colleagues. One left in -- or not left; she went to 21 go and work in the planning department in I think it was 22 2014, so the number of jobs that I was dealing with 23 increased, so I was having to look after more jobs, and 24 it would, as I say, depend on whether there was site 25 supervision, what the builders were like --

1	Q.	But
2	Α.	Sorry.
3	Q.	I understand that that might be an exception, but once
4		you had fixed a frequency of visits for a particular
5		project, am I right in thinking that, in general, you
6		didn't go back and review that?
7	А.	Oh, yes.
8	Q.	You did?
9	Α.	Yes, I would, depending on what was going on.
10	Q.	Would anybody supervise your initial assessment of the
11		frequency of visits required for a project?
12	Α.	No.
13	Q.	So you were just left to your own devices, were you?
14	A.	Correct.
15	Q.	Right.
16		I think it would follow, then, from what you have
17		told us before that the next paragraph down, which says
18		"All sites should be inspected frequently ", and gives
19		a frequency that's suggested there, that wasn't guidance
20		adopted generally within RBKC, was it?
21	Α.	No, it wasn't.
22	Q.	No.
23		Can we then turn to a different topic, which is your
24		knowledge of high-rise buildings and relevant products.
25		If we look at your first statement, please, which is
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1		
1		{RBK00033934/10}, I want to just look at paragraph 99 on
2		that page. You say there, in the fourth line from the
3		end:
4 5		"At the time of the Grenfell refurbishment I had
6		approx. 35 years experience and had previously overseen
о 7		high rise projects under the London Building Act and
/ 8		constructional byelaws in force at the time."
0 9		In general, do you remember when those projects took place?
9 10	A.	From time to time sorry. I dealt with sort of flat
11	л.	refurbishments and refurbishments of hotels from time to

- 12 time. I couldn't give you exact dates, because it13 would -- as I say, I don't actually recall any
- 14 particular time, but when I was working in Chelsea prior
- 15 to moving up to the top of the borough in 1998, I do
- 16 recall dealing with some refurbishments of some hotel
- 17 rooms in a hotel in Sloane Street. I also did -- when
- 18 I moved up to the Notting Hill area, I dealt with
- 19 a couple of flat refurbishments in -- on a tower block
- 20 in Notting Hill.
- 21 Q. Right.
- 22 A. But, as I say, the dates, I couldn't tell you.
- 23 $\,$ Q. In relation to the high-rise projects that you identify
- 24 in this part of your first statement, did any of those
- 25 involve the re-cladding or overcladding of a high-rise

- 1residential tower?2A.No.
- 3~ Q. So would it follow from that that the Grenfell Tower
 - refurbishment was the first time as a Building Control
- 5 officer you had come across the overcladding of
- 6 an existing and occupied high-rise residential building?
 - A. Yes.
- 8 Q. Right.

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- 9 Coming back to the topic of previous high-rise
- 10 fires , we discussed Garnock Court in Scotland, Irvine ,
- 11 in 1999. Were you aware of a fire early on in that
- 12 decade, in 1991, at Knowsley Heights?
- 13 A. Yes, in the news, I remember or --
- 14 Q. Right.
- 15~ A. I $\,$... sorry to hesitate . I believe I would have seen it
- 16 in the news at that time.
- 17 Q. Right, in the early 1990s?
- 18 A. Yes.
- 19 Q. What about a fire in a building called the Mermoz Tower
- 20 in Roubaix in France in 2012?
- 21 A. That I don't recall.
- Q. Right. What about the fire in the Wooshin Golden Suitesin Busan, South Korea in 2010?
- 24 A. That again doesn't --
- 25 Q. Right.

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- We discussed earlier very briefly fires in Dubai.
- 2 A. Yes.
- 3 Q. Let's take this in stages.
 - Do you recall a spate of fires in high-rise
- 5 buildings in the UAE, the United Arab Emirates, in the
- $6\,$ $\,$ period 2012 to 2013, particularly $\,$ in Sharjah and in $\,$
- 7 Dubai at that time?
- 8 A. I do recall seeing, as I say, one particular one,
 - whether, as I say -- were they close together?
- 10 Q. In time, yes.
- 11 A. Yes.
- 12 Q. Geographically, yes. Two were in Dubai.
- 13 A. Yeah, but in time.
- 14 Q. Yes. They were carried on the BBC News.
- 15 A. Yes, as I say --
- 16 Q. Some of them were, so you remember those?
- 17 A. Yes.
- 18 Q. Do you also remember further fires in Dubai in 2015 at
- 19 The Address Downtown Hotel and The Torch residential20 building?
- 21 A. That doesn't come to mind.
- 22 Q. Right.
- Going back, then, to the fires in the UAE that youbecame aware of in 2012 to 2013, did that tell you
- became aware of in 2012 to 2013, did that tell youanything about the risks of external fire spread on

1		high-rise buildings? You mentioned earlier that it
2		might have done and I just wanted to
3	A.	Yes, yes.
4		What did it tell you, do you think?
5	A.	As I say, as regards that, I was the thing that came
6		to mind was: what were their regulations over there?
7	Q.	Right. That came to mind, did it? Did you investigate
8		that?
9	A.	No.
10	Q.	Was there any discussion internally at the RBKC
11		Building Control department about the fires?
12	A.	I don't recall. I don't recall.
13	Q.	Right.
14		Do you remember seeing any industry or perhaps
15		internal circulars, or any news or industry gossip,
16		even, about the impact of those fires and what you
17		learnt or should learn from them?
18	A.	No, no.
19	Q.	Do you remember a fire in Southwark in 2009 in
20		a building called Lakanal House?
21	A.	Yes.
22	Q.	Did you know about that fire at the time it happened,
23		the summer of 2009?
24	A.	Yes.
25	Q.	From that fire , did you gain any understanding of how
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1		fire can spread up the exterior of a building?
2	A.	
3		outside, but I didn't know whether or the thing that
4		comes to mind with that particular fire was the
5		firestopping there internally.
6	Q.	Right.
7		Did that cause you, that fire, to look at the
8		Building Regulations and, in particular, at Approved
9		Document B?
10	A.	Not at that time. I would look at firestopping as part
11		of my duties.
12	Q.	Right.
13		Did the fire itself alert you to the dangers of
14		rainscreen cladding systems?
15	A.	No.
16	Q.	Can I then turn to a different topic, which is the role
17		of Building Control generally.

First, do you agree that the role of

the requirements of the Building Act and the

Building Regulations?

check and ensure for compliance?

A. We did have many other duties.

a Building Control body is to check for compliance with

And that's their only requirement, their only role: to

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1 Q. Yes, well, let me be a bit more specific: do you accept 2 that a Building Control body has no role to play in the 3 design? 4 Α. Correct. 5 Q. Right, and its role is to check submitted proposals? 6 A. Yes. 7 Q. And to inspect works on site to ensure compliance --8 Α. Yes 9 Q. -- with the statutory requirements and guidance? 10 Α. Yes 11 Q. Yes 12 Do you also agree that it's ultimately for those 13 designing and carrying out building works to ensure that 14 the Building Regulations are complied with? 15 A. Yes. 16 Q. And that Building Control approval isn't conclusive 17 evidence that the Building Regulations have been 18 complied with? 19 A. Could you repeat? 20 O. Yes. 21 Was it your understanding that the effect of 22 Building Control approval being given wasn't, as it 23 were, conclusive evidence --24 A. Yeah, it wasn't. 25 0. -- that the Building Regulations had been complied with? 95 1 A. It wasn't conclusive. 2 Q. I'm going to put a number of propositions to you and 3 I want to know whether you agree with them. 4 A Local Authority Building Control surveyor is 5 required to take such steps as are reasonable to enable 6 him or her to be satisfied within the limits of 7 professional skill and care that the applicable aspects 8 of the Building Regulations are complied with. 9 A. Yes. 10 Q. Do you agree that a Building Control body's ability to 11 do its job properly depends in part on the quality of 12 the information provided to it? 13 A. That's one of the -- one of them. 14 Q. Do you agree that where there are gaps or contradictions 15 in the information which is submitted to it, 16 a Building Control body should follow up with questions

- 17 and investigations of the applicant?
- 18 A. Yes
- 19 Do you also agree that, in exercising reasonable skill 0. 20 and care, that would include seeking missing or
- 21
 - incomplete information from the applicant?
- 22 A. Yes.
- 23 Q. Yes. Now --
- 24 If -- well, I would say that if he didn't know the A. 25 information himself from investigation .

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A. Yes.

Q.

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1	Q.	Yes.	1	A.	There was one principal surveyor.
2	٩.	Now, I don't know how closely you have been	2	Q.	Yes.
3		following the evidence in this part of the Inquiry,	3		We had well, the numbers changed, because originally
4		Mr Hoban, but I will see if I can summarise the point	4		in 2013, after our restructuring, we had bear with
5		I want to put to you succinctly, but I hope also fairly.	5		me for a moment, please. We had the head of
6		TMO, Studio E, Rydon and Harley witnesses have said,	6		Building Control, we had his deputy, who was
7		either orally or in their witness statements or both,	7		a principal . There was
8		that they relied on Building Control to ensure that the	8	Q.	
9		refurbishment complied with the Building Regulations.	9		(Pause)
10		My question is: did you yourself appreciate, at the	10	A.	There was three senior surveyors, and there was three
11		time of the Grenfell Tower refurbishment and your role	11		Building Control surveyors. I believe that Colin, who
12		in it, that those parties involved in the refurbishment	12		passed away in October 2015, had just been made a senior
13		project viewed Building Control in that way?	13		prior to him passing away.
14	А.	No.	14	Q.	Yes, I see.
15	Q.	I now want to turn to yet again a different topic, which	15		Now, in 2013, September 2013 specifically,I think
16		is the structure of the RBKC Building Control	16		it 's right that John Allen was appointed as
17		department.	17		Building Control manager, wasn't he?
18		Now, your role during the time of the Grenfell Tower	18	A.	Correct.
19		project was, I think, as a senior Building Control	19	Q.	Where did he fit into that structure that you've just
20		surveyor.	20		explained?
21	Α.	Yes.	21	Α.	He was the top, he was the
22	Q.	Yes?	22	Q.	He was the head of BC, was he?
23	Α.	Yes.	23	Α.	Yes.
24	Q.	Is that the same as a principal Building Control	24	Q.	Right. From that time onwards, is it right that
25		surveyor?	25		John Allen was your line manager, or was there
		97			99
1	A.	No.	1		an intervening principal surveyor?
1 2	A. Q.	No. Can you just explain the differences to us, please?	1 2	A.	
				A.	
2	Q.	Can you just explain the differences to us, please?	2		Well, John Allen was my manager, but in his absence José
2 3	Q.	Can you just explain the differences to us, please? Principal originally a principal Building Control	2 3	Q.	Well, John Allen was my manager, but in his absence José was
2 3 4	Q.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the	2 3 4	Q.	Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor?
2 3 4 5	Q.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the time of Grenfell, the principal was a deputy. Also, the	2 3 4 5	Q. A.	Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor? He was.
2 3 4 5 6	Q. A.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the time of Grenfell, the principal was a deputy. Also, the principal would deal with more complex projects and	2 3 4 5 6	Q. A.	Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor? He was. Right, I see. So although he was effectively your
2 3 4 5 6 7	Q. A.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the time of Grenfell, the principal was a deputy. Also, the principal would deal with more complex projects and manage staff.	2 3 4 5 6 7	Q. A. Q.	Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor? He was. Right, I see. So although he was effectively your senior, nonetheless you reported mostly directly to
2 3 4 5 6 7 8 9 10	Q. A. Q.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the time of Grenfell, the principal was a deputy. Also, the principal would deal with more complex projects and manage staff. And a senior Building Control surveyor, where would that	2 3 4 5 6 7 8	Q. A. Q. A. Q.	Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor? He was. Right, I see. So although he was effectively your senior, nonetheless you reported mostly directly to John Allen as the head of BC? Correct. Have I got that right?
2 3 4 5 6 7 8 9 10 11	Q. A. Q. A.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the time of Grenfell, the principal was a deputy. Also, the principal would deal with more complex projects and manage staff. And a senior Building Control surveyor, where would that fit into the hierarchy? He was generally an area surveyor that would deal with the area that he was dealing with.	2 3 4 5 6 7 8 9 10 11	Q. A. Q. A. Q. A.	 Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor? He was. Right, I see. So although he was effectively your senior, nonetheless you reported mostly directly to John Allen as the head of BC? Correct. Have I got that right? Yes.
2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the time of Grenfell, the principal was a deputy. Also, the principal would deal with more complex projects and manage staff. And a senior Building Control surveyor, where would that fit into the hierarchy? He was generally an area surveyor that would deal with	2 3 4 5 6 7 8 9	Q. A. Q. A. Q. A.	Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor? He was. Right, I see. So although he was effectively your senior, nonetheless you reported mostly directly to John Allen as the head of BC? Correct. Have I got that right?
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A.	Can you just explain the differences to us, please? Principal originally a principal Building Control surveyor was a manager of a team of surveyors. At the time of Grenfell, the principal was a deputy. Also, the principal would deal with more complex projects and manage staff. And a senior Building Control surveyor, where would that fit into the hierarchy? He was generally an area surveyor that would deal with the area that he was dealing with. I see. As instructed by managers.	2 3 4 5 7 8 9 10 11 12 13	Q. A. Q. A. Q. A.	 Well, John Allen was my manager, but in his absence José was Right. Was José a principal Building Control surveyor? He was. Right, I see. So although he was effectively your senior, nonetheless you reported mostly directly to John Allen as the head of BC? Correct. Have I got that right? Yes. Okay, thank you. So was John Allen also in control of allocating work
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1	A.	Hilary Wyatt, she was a colleague that transferred to
2		the planning department.
3	Q.	Did the allocation of work within your patch take into
4		account current workloads, skill , experience and
5		qualifications ?
6	A.	I was just given the work.
7	Q.	Right.
8		It may be a question for others, but to your
9		knowledge and understanding at the time, did the
10		allocation of work which would ordinarily fall within
11		your patch take account of your workload, for example?
12	A.	No. Or it was given to me.
13	Q.	It was given to you because it was in your patch
14		regardless of your workload?
15	A.	Yes.
16	Q.	And regardless of your skill and experience?
17	A.	Yes.
18	Q.	And regardless of your qualifications or absence of
19		them?
20	A.	Yes.
21	Q.	Now, I think you said before, just earlier on in your
22		evidence, that changes were made to the structure of the
23		Building Control department
24	A.	Yeah.
25	Q.	in 2013.
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1	Α.	Yes.
2	Q.	Were you aware at that time that local authority
3		Building Control services, and particularly RBKC, were
4		expected to be cost neutral?
5	Α.	Yes.
6	Q.	What did you understand by that idea?
7	Α.	That we had to be self -funding, $ I $ believe .
8	Q.	Self - funding?
9	Α.	Yes.
10	Q.	I see.
11	Α.	There was obviously austerity measures as well that went
12		on.
13	Q.	Yes.
14		Prior to September 2013, I think John Allen was in
15		charge of special projects.
16	Α.	Yes.
17	Q.	Does that tell us that, before September 2013, special
18		projects were dealt with separately from the general run
19		of Building Control applications?
20	Α.	Yes.
21	Q.	And from 2013, special projects were then re-allocated
22		within the department, were they?
23	Α.	Yes.
24	Q.	So did those become part of the patch system?
25	Α.	Correct.

	1	Q.	So if there was a special project that would normally be
	2		dealt with before September 2013 by John Allen as
	3		a specialist project, after that date, if it fell in
	4		your patch, you would get it?
	5	Α.	Yes.
	6	Q.	I see.
	7		Does that mean this may sound obvious that
	8		after September 2013, you were doing special projects
	9		that were not part of your day-to-day role before that
	10		date?
	11	A.	Yes.
	12	Q.	Before September 2013, did you yourself have any
	13		experience of working on special projects?
	14	A.	Er sorry. Initially , before when the
	15		local authority took over the responsibilities of
	16		Building Control, the area surveyor would look after the
	17		jobs in his own particular area, but we had a fire
	18		regulations group that would deal with the fire
	19		regulation matters, and so you would go to them for
	20		advice, and they would deal with the aspects of B1 or
	21		not B1, part B.
	22	Q.	Right. What would count as a special project?
	23	Α.	I don't know if there was a definition . It was
	24		generally a major project.
	25	Q.	Right. So major and complex project?
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	1	A.	Yes.
	2	Q.	I see.
	3		My question again: did you yourself, before
	4		September 2013, have any experience of working on
	5		special projects?
	6	Α.	No, not as defined when the group came into when
	7	_	it was set up.
	8	Q.	Right.
	9		I think KALC, the Kensington Academy and Leisure
	10		Centre, if I can use that as an abbreviation, which
t	11		ultimately came to include Grenfell Tower, was a special
	12		project, wasn't it?
	13	A.	It was.
	14	Q.	Therefore, does it follow that Grenfell Tower was itself
	15		considered by RBKC as a special project?
	16	Α.	Yes, I would say so.

- 17 Q. So does it follow from that that Grenfell Tower was your 18 first special project?
- 19 A. I dealt with the academy and the leisure centre when
- 20 I was instructed to do so by John Allen.
- 21 Q. Right, I see. 22
 - Now, you, I think, were not John Allen's first
- 23 choice of Building Control officer for Grenfell Tower,

24 were you?

- 25 A. I don't know.
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1	Q.	
2		José Anon?
3	Α.	
4	Q.	
5		special projects than you did?
6	Α.	He may have had, because he was a principal .
7	Q.	Yes.
8	Α.	As I say, he was a principal, so they had greater
9		responsibility . They would deal with the bigger
10		projects .
11	Q.	Were you given any other special projects to work on in
12		and after September 2013?
13	A.	I was dealing with I don't know whether it would be
14		classed as a special project. I was given a there
15		was a partnership scheme that I was dealing with that
16		involved a number of townhouses, four townhouses, and
17		a low-rise office building, and a facade retention with,
18		I think, nine flats, and it was all new-build.
19	0.	Right.
20	A.	
21		projects. If that had come along when the special
22		projects group was done, it most probably would have
23		gone to the special project surveyor.
24	Q.	
24	Q.	Now, taking the period from September 2013 onwards,
20		Now, taking the period from september 2013 onwards,
		105
4		
1		Mr Hoban, you say in your first statement, paragraph 36
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q.	Mr Hoban, you say in your first statement, paragraph 36 {RBK00033934/4} I don't think we need to go to it that you would take decisions on B2, B3 and B4 issues, and that you would consult with Paul Hanson and John Allen where necessary. Yeah. On Grenfell, how often did you consult with John Allen? Er Just in general terms. (Pause) Sorry, I'm trying to think here. I know I asked well, I don't know whether it's consulting. I asked him to do a visit for me because I wasn't available, because I wasn't available one day, and I spoke with him well, not consult. I spoke with him about my work every month. We would have monthly one-to-ones generally, and he would we would talk about my work. Yes, I see. Did you talk about your work on Grenfell Tower specifically , or was it a discussion about your workload and general questions?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A.	Mr Hoban, you say in your first statement, paragraph 36 {RBK00033934/4} I don't think we need to go to it that you would take decisions on B2, B3 and B4 issues, and that you would consult with Paul Hanson and John Allen where necessary. Yeah. On Grenfell, how often did you consult with John Allen? Er Just in general terms. (Pause) Sorry, I'm trying to think here. I know I asked well, I don't know whether it's consulting. I asked him to do a visit for me because I wasn't available , because I wasn't available one day, and I spoke with him well, not consult. I spoke with him about my work every month. We would have monthly one-to-ones generally, and he would we would talk about my work. Yes, I see. Did you talk about your work on Grenfell Tower specifically , or was it a discussion about your workload and general questions? Just generally.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. Q.	Mr Hoban, you say in your first statement, paragraph 36 {RBK00033934/4} I don't think we need to go to it that you would take decisions on B2, B3 and B4 issues, and that you would consult with Paul Hanson and John Allen where necessary. Yeah. On Grenfell, how often did you consult with John Allen? Er Just in general terms. (Pause) Sorry, I'm trying to think here. I know I asked well, I don't know whether it's consulting. I asked him to do a visit for me because I wasn't available, because I wasn't available one day, and I spoke with him well, not consult. I spoke with him about my work every month. We would have monthly one-to-ones generally, and he would we would talk about my work. Yes, I see. Did you talk about your work on Grenfell Tower specifically , or was it a discussion about your workload and general questions? Just generally. Right.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A.	Mr Hoban, you say in your first statement, paragraph 36 {RBK00033934/4} I don't think we need to go to it that you would take decisions on B2, B3 and B4 issues, and that you would consult with Paul Hanson and John Allen where necessary. Yeah. On Grenfell, how often did you consult with John Allen? Er Just in general terms. (Pause) Sorry, I'm trying to think here. I know I asked well, I don't know whether it's consulting. I asked him to do a visit for me because I wasn't available , because I wasn't available one day, and I spoke with him well, not consult. I spoke with him about my work every month. We would have monthly one-to-ones generally, and he would we would talk about my work. Yes, I see. Did you talk about your work on Grenfell Tower specifically , or was it a discussion about your workload and general questions? Just generally.

1		Can I then turn just to a question of austerity.
2		Can I show you paragraph 3 of your first statement on
3		page 1 {RBK00033934/1}. You say there:
4		"As a result of restructuring, due to austerity
5		measures, the planning department was restructured with
6		substantial cuts to building control. This led to a
7		substantial reduction in the number of employees in
8		building control. Consequently, the remaining employees
9		had their work load increase commensurately."
10		Can you tell us or give us an idea of the number of
11		employees reduced?
12	Α.	There was six surveyors that well, that were due to
13		retire . One of my colleagues, unfortunately,
14		Michael Wing, passed away just before he was due to
15		retire . So we lost John Jackson, who was the head of
16		Building Control; David Gammon, who was the head of the
17		fire regulations group, who was a principal; we also
18		lost Gary Sharp, who was a principal surveyor; there
19		was, as I say, Mick Wing who passed away;
20		Richard Beddoe, who was a senior surveyor; and
21		Alan De Souza, who was a senior building surveyor.
22	Q.	You have mentioned six names.
23	Α.	Yes.
24	Q.	One died, five retired. Did they retire because of
25		austerity or did they retire because they were retiring
		107

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- 1 anyway?
 - A. No, it was to do with the restructuring.
- 3 Q. I see. So five in total, essentially?
- 4 A. Yeah.

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- Q. How many did that leave behind? How many
- Building Control surveyors were left in the
- Building Control department by the end of 2013?
- 8 A. We had -- as I said, we had a head, head of
- 9 Building Control, the fire regulations group was just
 - made up of Paul Hanson at that stage,and José Anon was
 - the principal, and there was myself, Parvinder Virdee
 - and Amir Fardouee, who were senior surveyors, those
 - three, and we had Hilary Wyatt, Colin Ryan and
 - Celia Burt, who was -- they were all ordinary building surveyors.
- 16 Q. I see.
- 17 A. We introduced -- I can't remember when. We had
 18 an enforcement surveyor. One of my colleagues that
 19 worked in the business support team became
 20 an enforcement surveyor in I believe it was 2016.
 21 Principally he was going out and making discoveries.
 22 O. Okay. So do it take it from that list that all of th
- Q. Okay. So do it take it from that list that all of thosepeople you have mentioned -- so Paul Hanson, José Anon,
- Parvinder Virdee, Hilary Wyatt and Colin Ryan -- were
- all there before the restructuring and stayed on?

Ξ

 a. Area surveyers. Originally, we went down to six. b. Area surveyers. Originally, we went down to six. c. New. c. Area surveyers. Originally, we went down to six. c. A verse surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. Originally, we went down to six. d. Area surveyers. It wand the head general were surveyers and the survey of the graduated the summer down the survey of the surve	1	Δ	Yes.	1	Δ	in that I wasn't able to visit jobs as much as
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 4. 0. Bight. So you went down from about 12 to about four or five? 6. A <i>k</i>-as surveyors. Originally we went down to strat. 7. Ves. 8. A <i>e</i>-a area surveyors, and then, as I say, Hilary moved to your an area surveyors, and then, as I say, Hilary moved to your mainer there were policy where you sould know or consider that there could be store were, sign that <i>aft</i>. 8. Some surveyors. The basis in 2016, we you the graduated the summer the survey poly wall have the store of the sequence is you what had been done provide to the lightly of the substrate grad store starting for an area strate. If all sequences the survey or substrate for surveyors what had been done provide to the lightly. Not, this order that, if there was an issue at a later stage, so could actually show what had been done provide to the lightly. Not, this order that, if there was an issue at a later stage, so could actually show what had been done provide receives by the substrate the survey or survey or substrate the survey or surv						
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11 taken on as a Building Control surveyor. Waqaas Rashid, but it was - be had never worked in a Building Control office before, so he was starting from mentch, as it were. He had - 1 think he had graduated the summer before he joined us. He did some work for a housing association. 11 emails in order that, if there was an issue at a later stage, you could actually show what had been done previously. 14 were. He had - 1 think he had graduated the summer before he joined us. He did some work for a housing association. 11 character in the previously. 15 Sudio E told us and this is (Day11/131) - that you show hat had been done previously. 12 Now, in his erdence on the Inquiry, Neil Crawford of bud the Building Control department toles staff due to increased competition from the private sector, by which 1 specifically mean approved inspectors? 14 0. Now, in his erdence on born, I would say that. 12 was mainly to do with curst, as the as as rowards the end, about, I would say - or in 2016, between 120/130 projects, plus my other duttes. 12 10 answer? 11 11 1 answer? 24. No, I don't recall saying that. 109 111 1 answer? 11 11 answer? 11 11 answer? 11 11 11 answer? 10 Na thould say thar. 109<				10		I would make certain that these were followed up with
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15 before he johned us. He did some work for a housing association. 15 Studio E told us and this is (Day11/131) that you had told him that you were supposed to oversee hundreds of projects. Do you remember whether you did say that to him? 16 Did the Building Control department lose staff due to increased competition from the private sector, by which 1 specifically mean approved inspectors? 17 A. No, I don't recall saying that. 0 Right. 0 Rift. 0 Right. <	13		office before, so he was starting from scratch, as it	13		previously.
16 association. 16 had told him that you were supposed to oversee hundreds 17 0. Yes. 17 of projects. Do you remember whether you did say that 18 Did the Building Control department lose staff due 17 of projects. Do you verseeing literally hundreds of 19 vas mainly to do with cuts, austerity cuts, as far as 0. Right. Were you overseeing literally hundreds of 20 No, you said that I'm sorry. I may have cut you off at the end of that answer. As most it would furtuate 21 over you said that I'm sorry. I may have cut you off at the end of that answer. No, I would say I was about it would furtuate 22 A. No, you said that I'm sorry. I may have cut you off at the end of that answer. 20 23 Site MARTIN MOORE-BICK: Had you finished your answer. Mr Hoban? 11 111 1 answer? 1 than 100? 2 A. Yes. 30 Right. 3 mR MILLETT: Hunk you have said that there was an increase in workload i resulting from these reductions. 6 bottom of the page, under 'Mid Year Comments', can you see that it says: 3 previously, the jobs that I had been dealing with prior 10 And then if you would go over the page to page 7	14		were. He had I think he had graduated the summer	14	Q.	Now, in his evidence to the Inquiry, Neil Crawford of
17 0. Fis. of projects. Do you remember whether you did say that 18 Did the Building Control department lose staff due 18 to him? 19 to increased competition from the private sector, by 18 to No, I don't recall saying that. 20 which I specifically mean approved inspectors? 10 20 Night. Were you overseeing literally hundreds of projects? 21 (Pause) 20 No, I don't recall saying that. 20 Night. Were you overseeing literally hundreds of projects? 24 A. fooldn't answertht -: I'm wouldn't know. As I say, it was analyto do with cuts, austerity cuts, as far as 20 Night. 24 A No, I would say I was about it would fluctuate towards the end, about, I would say or in 2016, between 120/130 projects, plus my other duties. 23 O. No, you said that I'm sorry, I may have cut you off at the end of that answer. Do you want to finish that 26 O. So although it wass in bundreds, it was certainly more 107 ID9 111 1 1 111 1 answer? 10 A. Weil, Hey just Mr Jackson put a proposal forward for recall south at the was and that there was 30 Night. 3 A Yes. 0 Numercall that have on your workload in the preivous, the loght must whichy o	15		before he joined us. He did some work for a housing	15		Studio E told us and this is {Day11/131} that you
18 Did the Boilding Control department lose staff due 18 to him? 19 to increased competition from the private sector, by 18 to him? 20 which I specifically mean approved inspectors? 20 K light. Were you overseeing literally hundreds of 21 (Pause) 12 A. No, I don't recall aying that. 20 22 A. I couldn't answer that I wouldn't know. As I say, it 22 A. No, I don't recall aying that. 20 23 towards the end, about, I would say would say would say. would say I was whout it would fluctuate 24 O. Now, you said that I'm sorry. I mag hare cut you off at the end of that answer. Do you want to finish that 25 O. So although it wasn't hundreds, it was certainly more 109 111 1 than 100? 2 A. Yes. 30 Night. 2 A. Mort MOORE BICK: Had you finished your answer, 1 than 100? 2 A. Yes. 30 Night. Can we just go back to your appraisal for 2015 to 2016, which we will find at (REK00048753/3). At the 5 5 o. Right. The managers and the councillors. 8 "Covering inspections for surveyors in 2 other areaes." <t< td=""><td>16</td><td></td><td>association .</td><td>16</td><td></td><td>had told him that you were supposed to oversee hundreds</td></t<>	16		association .	16		had told him that you were supposed to oversee hundreds
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1	Α.	Then, and then Colin passed away in October 2015 and
2		I got a percentage of his work.
3	Q.	I see. So in fact it was three colleagues from
4		September 2015?
5	A.	No, October.
6	Q.	October 2015?
7	A.	Yeah. Yes, it was, yeah.
8	Q.	Yes.
9		What impact did your covering for those two and then
10		three other colleagues have on your workload?
11	A.	Well, as I say, I wasn't visiting certain jobs I was
12		making sort of judgements on who to visit,on who to
13		write to, sort of confirm things.
14	Q.	Right.
15	A.	So you're making judgements on sort of the level of
16		supervision, the standard of workmanship, whether you
17		worked with particular people in the past and whether
18		you considered that they were doing what they needed to
19		do.
20	Q.	When you were covering for two other colleagues,did
21		that increase the number of projects?
22	A.	Oh, yes.
23	Q.	Right. And then latterly three, so did the number of
24		projects double and then triple from your base, as it
25		were, in September 2013?
		110
		113
1	A.	
1 2	A.	Well, as Building Control surveyors, they had slightly
	A.	Well, as Building Control surveyors, they had slightly less numbers than myself in their areas. So,
2 3	A.	Well, as Building Control surveyors, they had slightly less numbers than myself in their areas. So, as I say although Colin, in fairness, had quite a big
2 3 4	A.	Well, as Building Control surveyors, they had slightly less numbers than myself in their areas. So, as I say although Colin, in fairness, had quite a big area, and he was dealing with major projects as well, or
2 3 4 5	A.	Well, as Building Control surveyors, they had slightly less numbers than myself in their areas. So, as I say although Colin, in fairness, had quite a big area, and he was dealing with major projects as well, or one particular major project as well. So Colin was
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2 3 4 5 6	A. Q.	Well, as Building Control surveyors, they had slightly less numbers than myself in their areas. So, as I say although Colin, in fairness, had quite a big area, and he was dealing with major projects as well, or one particular major project as well. So Colin was working far above, in my opinion, what was expected of
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2 3 4 5 6 7 8 9 10	Q.	Well, as Building Control surveyors, they had slightly less numbers than myself in their areas. So, as I say although Colin, in fairness, had quite a big area, and he was dealing with major projects as well, or one particular major project as well. So Colin was working far above, in my opinion, what was expected of a Building Control surveyor. Right. So you took on two other patches and then another patch after that? And then, as I say, I would say maybe a third or
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1		I found them all to be good and competent."
2		Then he goes on about the files .
3		Did Mr Allen meet with you monthly to check through
4		your job sheets so as to ensure that your workload was
5		manageable?
6	A.	I would say he did meet with me monthly, but as regards
7		manageable, that wasn't something that was discussed.
8		I actually I remember in I think it was March or
9		April 2015, when he gave me Hilary's patch, I did ask
10		for help, and I made a number of suggestions as to how
11		to deal with Celia's patch when she left, and none of
12		these were taken up, and I was given Celia's area to
13		look after.
14	Q.	He says he would always ask if the surveyor needed any
15		help or assistance . Did he always ask you if you needed
16		help or assistance?
17	Α.	No, I wouldn't say that.
18	MR	MILLETT: Right.
19		Mr Chairman, I have one very short document just to
20		show the witness and then I can finish off this line of
21		questioning, if that's acceptable.
22	SIR	MARTIN MOORE-BICK: All right.
23	MR	MILLETT: {RYD00004218}, please. This is an email of
24		8 May 2014 from Mr Stephen Blake to Simon Lawrence and
25		Zak Maynard. This is an internal Rydon document.
		115
1		I just want to show you the very last line in the email.
2		It says there at the bottom of the page:
3		"Ps Claire mentioned Building Control submission as
4		the dept is swamped - use someone else?"
5		My question is : at this time, May 2014, was the RBKC
6		Building Control department swamped?
7	Α.	May 2014?
8		(Pause)
9		I would say for me personally, I was having to come
10		in at weekends in order to deal with the academy and the

6	Building Control department swamped?
7	A. May 2014?
8	(Pause)
9	I would say for me personally, I was having to come
10	in at weekends in order to deal with the academy and the
11	leisure centre because it was a new-build and there was
12	quite a lot to look at. So it was challenging.
13	You know, I was doing my own area and, as I say, I was
14	doing those two major projects,and the demands or
15	not the demand I don't know whether the word
16	"demand" the contractors were looking for my
17	I spent a lot of time looking at those particular
18	projects .
19	MR MILLETT: Right. Thank you.
20	Mr Chairman, is that a convenient moment?
21	SIR MARTIN MOORE-BICK: I think it is, yes, thank you very
22	much.
23	Mr Hoban, we're going to have a break now so
24	everyone can get some lunch. We will resume at 2.05,
25	please.

13 14

15 16

17 18 19

20

1	While you're out of the room, please don't talk to	
2	anyone about your evidence or anything to do with it .	
3	THE WITNESS: No, no.	
4	SIR MARTIN MOORE-BICK: If you go with the usher, she'll	
5	look after you. Thank you very much.	
6	(Pause)	
7	Right, 2.05, please. Thank you.	
8	(1.05 pm)	
9	(The short adjournment)	
10	(2.05 pm)	
11	SIR MARTIN MOORE-BICK: All right, Mr Hoban?	
12	THE WITNESS: Yes, thank you.	
13	SIR MARTIN MOORE-BICK: Ready to carry on?	
14	Yes, Mr Millett.	
15	MR MILLETT: Mr Chairman, thank you.	
16	Mr Hoban, I have just a couple of follow-up	
17	questions arising from this morning's evidence.	
18	The first is you mentioned to us earlier that, after	
19	about September 2013, you had some 120 to 130 projects	
20	to oversee. Can you give us a feel for how many of	
21	those were small, simple, domestic projects as opposed	
22	to larger buildings, more complex projects?	
23	(Pause)	
24	A. It is hard to answer that question, because sometimes the	
25	simple what were considered to be the smaller	
	117	
1	projects would be difficult in that there could be	
2	issues regarding the workmanship, or sometimes you had	
3	difficulty getting into properties, or there was things	
4	wrong with the work. So although it could be small in	
5	nature, it could be difficult from other aspects. But	
6	maybe 50%, maybe more. I was dealing with a lot $$ of	
7	basements at the time.	
8	Q. Right.	
9	A. And also I had a number of projects scattered round the	
10	borough on the partnership scheme. I had 18 projects .	
11	So it was quite time-consuming getting from one part of	

12 the borough to the other, because I used public

- 13 transport, so I would take up a lot of my day in
- 14 travelling arrangements.
- 15 Q. Yes, I see.
- 16 A. If -- I don't know whether that helps slightly .
- 17 Q. Yes, I think that does help, thank you.

18		Can I also ask you about Lakanal House. You told us
19		this morning and this is {Day45/94:2-11}, this is
20		today that you remember Lakanal for the firestopping.
21	A.	Yeah.
22	Q.	What did you think, before the Grenfell Tower fire
23		occurred, was the problem with firestopping at
24		Lakanal House?

25 A. That it hadn't been provided, or it hadn't been done

1		properly.
2	Q.	When you say firestopping, do you mean firestopping in
3		the technical sense or do you mean cavity barriers?
4	Α.	Firestopping. There may have been cavity barrier issues
5		as well internally .
6	Q.	Right.
7	Α.	As I say, I how much you know, it's a long time
8		ago, so I can't recall how much detail I know
9		obviously there was recommendations put in by
0		the Inquiry about
1	Q.	You mean the inquest?
2	Α.	At the inquest, sorry, at the inquest, about certain
3		regulatory matters.
4	Q.	Did you ever receive any training to learn the lessons
5		of the Lakanal House fire at all?
6	Α.	I think it could have been mentioned in in-house
7		seminars, but specific training, no.
8	Q.	Right.
9	Α.	But, you know, in-house training or seminars, it may
0		have been mentioned in the actual presentation.
1	Q.	Yes. What about Shirley Towers, does that fire mean

- 21 mean 22 anything to you?
- 23 A. Is that the one in Hertfordshire?
- 24 Q. Yes.
- 25 A. Yes, I remember it being on the news, because a couple

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1		of or three people lost their lives, two of them were
2		firemen.
3	Q.	Yes, all right. But you don't remember any training in
4		relation to the Shirley Towers fire?
5	A.	No, no.

Q.	Can I then turn to the question of the involvement of
	Mr Hanson and the means of escape group.
	Now, we know that within RBKC there was something
	called a means of escape group that could be consulted
	by Building Control officers such as you. Is that
	right?

		8
12	Α.	Well, we did use their services, but we had
13		originally the fire regulations group would have dealt
14		with all aspects under B, but there was a change in
15		policy, I can't remember when, it was prior to the
16		restructuring, where they management said that the
17		surveyors were to deal with B2, $3 \text{ and } 4$ on buildings,
18		whereas prior to that section 20 buildings because
19		this was what was known as a section 20 building under
20		the old London Building Acts would have been dealt
21		with by the fire regulation group.
22	Q.	I see. So there was a group called a means of escape
23		group?
~ 1		

A. Well, I think they were actually called the fire 24 25 regulations group.

1	Q.	Right.
2	Α.	Although primarily it would be B1.
3	Q.	Does the division of responsibilities that you have just
4		described to us, whereby surveyors were to deal with B2,
5		B3 and B4, mean that you, as a surveyor, had not dealt
6		with B2, B3 and B4 specifically on buildings prior to
7		this restructuring?
8	Α.	No, on smaller jobs, you know, like a house or
9		a low-rise block, yes, we would deal with those. On
10		high-rise buildings such as Grenfell, prior to that
11		instruction , the fire regulations group would have dealt
12		with all aspects.
13	Q.	Right, and you were not part of that group?
14	Α.	No. I stopped I became a general assistant in 1985.
15	Q.	Yes.
16		At the time of the Grenfell Tower project,
17		Paul Hanson was part of the means of escape group,
18		I think.
19	Α.	He was the only person.
20	Q.	He was the means of escape group, was he?
21	Α.	He was.
22	Q.	Right. He is or was a qualified fire engineer, isn't
23		he?
24	Α.	Yes.
25	Q.	You say in your first statement there is no need to
		121
1		turn it up, it's paragraph 36 {RYD00033934/4} that
2		Paul Hanson would make decisions on B1 and B5 of the
3		Building Regulations.
4	A.	Yes.
_	~	

- 5 Q. That was so in relation to Grenfell, was it?
- 6 A. Yes.
- 7 Q. Is it fair to say that, strictly, he was a consultant
- 8 who could make observations? That's how he has
- 9 described his role in his statement at paragraph 31. 10 Would you agree with that?
- 11 A. No, well, he was the person that did all the consult --12 or arranged for the consultation with the fire 13
- authority. He would do all the paperwork with that.
- 14 The process was, when we got his observations, I would 15
- sit down with him and we'd go through his observations, 16 and I would get his advice from time to time on other
- 17 matters, because on Grenfell there was a number of
- 18 emails relating to cavity barriers, I think it was in 19 March 2015, where I sought his advice --
- 20 O. Yes.
- 21 A. -- on that.
- 22 Q. We'll come to that.
- 23 A. And when I was dealing with the academy and the leisure
- 24 centre, he gave -- he was involved with considerations
- 25 other than B1 in relation to no sprinklers being

1		provided to the academy, and there was consideration
2		over the hose reel lengths, I believe.
3	Q.	Can I see if I can cut through this a bit.
4	A.	Yeah.
5	Q.	On Grenfell , who was ultimately responsible for $B1$ and
6		B5? Was that Paul Hanson?
7	Α.	I would say yes, because he was the person that I would
8		go to for sorry I'm hesitating here. He's the
9		expert, so I would not go against his advice.
10	Q.	Yes, but did you divide up responsibility? He would do
11		B1 and B5 and you would do B2, 3 and 4, or were you
12		responsible for all of those parts of the
13		Building Regulations, with him giving specialist advice
14		on B1 and B5?
15	Α.	Well, ultimately I would say I'm the area surveyor, but
16		he was the expert, and I would he would do the
17		negotiations with the Fire Brigade, and if we had
18		meetings, he was the person with the architect , he
19		was the person that would lead those meetings.
20	Q.	Would you generally defer to Paul Hanson on all
21		fire-related Building Control issues if they arose in
22		a Building Control application?
23	Α.	Yes.
24	Q.	Right.
25	Α.	If he pointed something out to me, yes, I would seek his
		123
1		advice, and obviously when considering an application
2		under B, you have to consider all aspects, in my view.
3	Q.	So would you say that you consulted with Paul Hanson on

- 4 B2 to B4 matters as well as B1 and B5?
- 5 A. I sought his advice from time to time.
- 6 Q. Yes. Did Mr Hanson refer matters on B3 and B4 back to 7 you to decide?
- 8 A. Yes.
- 9 Q. He did?
- 10 A. But, again, as I say, if I wanted clarification on B2 --11 I was aware of the standards, and -- or not aware, 12 I understood the standards, but where there was ... new 13 codes came in, and he would be working with them all the 14 time, he was on various committees, so I would defer to 15 him. 16 Q. Yes. 17 Now, Beryl Menzies, who is one of the Inquiry's 18 experts, considers that it was a failure on the part of 19 RBKC not to have used the resource of a qualified fire 20 engineer for the benefit of the Building Control 21 department as a whole. Do you agree? 22 Α. Yes. 23 Q. Do you also agree with her that the working relationship 24 between the means of escape group, in other words
- 25 Mr Hanson, and the other part of the Building Control

1		department was undefined and unclear to those involved?	1	Q.	I see. So does it come to this : Paul Hanson would be
2		Do you agree with that?	2		the go-to man for B1 and B5, you would be the go-to man
3		(Pause)	3		for B2, B3 and B4, but he would be your private in-house
4	Α.	Well, as I say, I would refer to Paul from time to time.	4		resource for any particular technical questions you had
5		It would have been it could have been a lot clearer .	5		on B2, 3 and 4?
6	Q.	Do you agree that the working relationship didn't	6	А.	Yes, and he would come out with me on site from time to
7		necessarily support project surveyors like you in	7		time.
8		reaching the best decisions under or for the purposes of	8	Q.	Thank you.
9		compliance with part B	9		Can I then turn to your specific involvement with
10	Α.	Yes.	10		Grenfell Tower.
11	Q.	of the Building Regulations?	11		We know that RBKC is the freehold owner of
12	Α.	Yes.	12		Grenfell Tower. Would RBKC Building Control treat
13	Q.	You do.	13		applications that it received in relation to buildings
14		Can I just show you a document before we turn to	14		owned by RBKC in exactly the same way that it would in
15		a different topic, {RBK00048682}, please. Again, this	15		relation to applications for buildings owned by other
16		is another internal Rydon document, so you won't have	16		people?
17		seen it , Mr Hoban. It 's an email of 5 September 2014.	17	A.	Yes. As regards the regulations, we wouldn't give them
18		I'm so sorry, it 's from you, actually , so you will	18		any, as it were, favourable consideration. We may
19		have seen it . It 's from you to Simon Lawrence and	19		I know when I was dealing with the academy and the
20		Simon O'Connor at Rydon. You say there in the second	20		leisure centre, I spent a lot of time on there because
21		sentence:	21		I was instructed to do that.
22		"I would confirm that I am the building control	22	0.	Yes, and there is some evidence of that.
23		surveyor charged with dealing with all building	23	٩.	Now, we know that John Allen had been the primary
24		regulations matters for the project. Paul Hanson is the	24		point of contact with Studio E in 2012, and that will be
25		building control surveyor (fire regulations) for the	25		explored with him perhaps.
25		bundning control surveyor (me regulations) for the	25		explored with him perhaps.
		125			127
1		scheme and he will provide me with technical advice and	1		By the time you became involved, RBKC
2		observations on the proposals submitted under Parts B1	2		Building Control had already met Studio E and had
3		and B5 in Schedule 1 of such regulations, as that is his	3		received some documents, such as the Exova outline fire
4		reference for this project.	4		safety strategy. Can you confirm that?
±		"Should you have any proposals and/or issues that	5	٨	Yes.
6		you desire technical advice on from this office, under	6	д. Q.	Now, John Allen suggests in his first statement that he
7		Parts B1 and B5 of The Building Regulations, I would be	7	Q.	allocated the KALC/Grenfell project to you after he was
8		grateful if you would contact myself in the first	8		appointed Building Control manager in the September of
9		instance, so that I am aware of these matters, as they	9		2013.
10			10		
11		may impact on other parts of the building regulations."	11		Now, in your second statement to the Inquiry just
12		Do you agree with what you said there about the	12		for reference purposes, this is paragraph 5 on page 2
		respective roles of you and Paul Hanson in relation to			{RBK00050416/2} you say you think you were appointed
13		this project?	13		in December 2013.
14	Α.	That's what we were instructed to do from as	14	A.	
15		I previously mentioned, instruction prior to the	15	Q.	Were you appointed in September or in December of that
16	~	restructuring that we were to deal with B2, 3 and 4.	16		year, do you think?
17	Q.	Right.	17	Α.	I believe that John Allen had some dealings with
18		The impression given by this email from you is that,	18		Studio E in the September time. I believe, as I say,
19		in relation to B2, 3 and 4 matters of the	19		from my recollection, that he was he had some
20		Building Regulations, you would be the person to give	20		involvement, and then I was told in the November or the
21		technical advice, and it was only Mr Hanson who would be	21	~	December, when I wrote that statement
22		giving technical advice on B1 and B5. Is that what you	22	Q.	•
23		wanted to impart?	23	Α.	or that email.
		-			
24	A.	Yes, but, as I say, I would go back to Paul from time to	24		Well, let's explore some more detail.
	A.	-			

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1		the Grenfell Tower project during the period September	1		
2		to December of 2013, do you remember?	2		ľ
3	Α.	I would say John Allen was, until it was handed to me.	3		r
4	Q.	Right. This may help you	4	Α.	I
5	Α.	Yeah.	5	Q.	F
6	Q.	just to fix it	6		
7	Α.	If I may, sorry.	7		P
8	Q.	Yes, of course.	8		1
9	Α.	I don't know whether I actually attended a meeting with	9	Α.	ľ
10		Bruce Sounes prior to that date. That's what I'm not	10	Q.	V
11		certain of.	11	Α.	Ι
12	Q.	I understand, thank you for that clarification .	12	Q.	F
13		$\{SEA00010232\}$. I think we may be able to use this	13		
14		document to pin down a time. This is an email of	14		s
15		31 December 2013 from you, and you say in the first	15	Α.	Ι
16		paragraph:	16		H
17		"Thank you for your preliminary submission."	17	Q.	C
18		It's addressed to Bruce Sounes.	18		t
19		"I have now been appointed the surveyor responsible	19	Α.	A
20		for the part of Borough where your project is situated.	20	Q.	Y
21		"Please find attached marked up plans and	21		t
22		observations relating to the fire strategy for the	22		1
23		Grenfell Tower project, for your information/records."	23		t
24		So that gives a date of 31 December 2013. Do you	24		у
25		think you had any involvement with Grenfell before that	25	Α.	V
		129			
4			1		
1		point?	1		8
2	Α.		2		а
3		a meeting Paul Hanson and myself had a meeting with	3	_	t
4		Bruce Sounes at some stage, but I'm not certain of that	4	Q.	
5		date.	5	Α.	I
6	Q.	*	6		t
7	Α.	But I sorry.	7		V
8	Q.	•	8		t
9	Α.	But I believe that it would have been after that, but,	9	Q.	Ι
10		as I say, I can't say with absolute certainty.	10		ľ
11	Q.	No, I understand.	11		t
12		When you did take over, as you say you had on or as	12	Α.	Y
13		at 31 December, what steps did you take to familiarise	13	Q.	-
14		yourself with the project?	14		i
15	Α.	5	15	Α.	C
16		stage. I looked at the John Allen sent me some	16	Q.	Ι

- stage. I looked at the -- John Allen sent me some 16
- 17 emails and a fire strategy, but -- and then, as I say,
- 18 until an application came -- because I believe there was 19 very little contact until I met with Bruce Sounes,
- 20 whenever that date may be.
- 21 Q. Did you have a handover meeting with John Allen about 22 Grenfell Tower?
- 23 A. No, no, just the email and, as I say, that contents.
- 24 Q. Right.
- 25 Do you remember what the documents were more

1		specifically ? You say emails and the fire strategy.
2		We'll come to look at that in due course, but do you
3		remember what the emails were about?
4	Α.	It was mainly to do with smoke venting.
5	Q.	Right.
6		At this stage this is the pre-application
7		phase was there a project file on Acolaid for you to
8		look at?
9	A.	No.
10	Q.	What about a hard copy file for you to look at?
11	A.	I don't recall.
12	Q.	Right.
13		Did you discuss the project with Paul Hanson at this
14		stage, late December 2013?
15	A.	I would have only discussed it with him when we met with
16		Bruce.
17	Q.	Can we go to {RBK00044900}, please. This is a and
18		this is all we have of it
19	A.	Ah, right, yes.
20	Q.	You say, "Ah, right ". That's helpful; this seems to
21		trigger a recollection . Just to explain what it is, it
22		looks like an Outlook diary entry for 30 December 2013
23		to you and Paul Hanson, subject: "Grenfell Tower". Can
24		you tell us what this is signifying?
25	A.	When I was saying "Ah, right ", I remember Neil Crawford
		101
		131
1		at some stage mentioning when I was dealing with the
2		academy, he spoke briefly to me during a site visit
3		there.
4	0.	Right.
5	À.	This I can only assume that there was a meeting, but
6		the date is Christmastime, so I don't know whether we
7		would have had anybody in the office for a meeting round
8		that time, because that's the day before New Year's Eve.
9	Q.	Indeed, but we've seen that you sent an email on
10		New Year's Eve, the next day, to Bruce Sounes saying
11		that you had been appointed
12	A.	Yeah.
13	Q.	the BCO for the Grenfell Tower project, so you were
14	-	in and working at that stage.
15	A.	Oh, yes, I would most probably be
10	~	

- $Q. \ \ \, Does this \ \, Outlook diary entry signify that there was$ 16 17 a meeting between you and Paul Hanson on that day, 18 30 December?
- 19 That I couldn't say, and was Paul working that week? A.
- 20 Q. Do you remember prior to your appointment at the end of
- 21 December 2013 whether you had had any discussions at all 22
- with either Paul Hanson or John Allen about the cladding
- 23 and risk of external fire spread?
- 24 A. No.
- 25 Q. Can I ask you to go to {SEA00009805}, please. This is
 - 132

1		an email from John Allen to Studio E of	1	Q.	Right. Because you said earlier in your evidence that,
2		11 November 2013. Now, it's not copied to you, and it	2		as part of the handover, you were shown some emails.
3		explains that RBKC's view and this is about the smoke	3		Was this
4		extract system, as you can see from the third	4	Α.	Yeah, I don't
5		paragraph was that the information submitted to date	5	Q.	one of the emails you were shown, do you think?
6		was not adequate to enable effective consultation with	6	Α.	No, I don't believe so.
7		the fire authority.	7	Q.	Can we then go to {SEA00010232} again. This is the
8		Were you aware of this email or discussions about	8		31 December 2013 email we looked at five minutes or so
9		that topic at this time?	9		ago, where you tell Bruce Sounes that you have been
10		(Pause)	10		appointed as the surveyor responsible for the area where
11		I'm not certain. I can't give you an answer on that.	11		Grenfell was situated.
12	Q.	All right.	12		You refer in the second paragraph down to "marked up
13		If we turn to the second page of this email run	13		plans and observations relating to the fire strategy for
14 15		{SEA00009805/2}, this is an email from Bruce Sounes to	14 15		the Grenfell Tower project, for your information and
15 16		John Allen, dated 25 October 2013, which attached the	15 16		records". Do you see that?
10 17		proposed fire strategy for Grenfell, and that included the fire access and fire strategy drawings and the Exova	10		Yes.
18		issue number 2 of the outline fire safety strategy, as	18	Ų.	Just for the transcript, the documents that you returned to Studio E are {SEA00010369}, {SEA00002629}, and
19		you can see from the list of documents that are said to	10 19		{SEA00002630}, just so we have those on the transcript.
20		be attached. Do you see that?	20		I just want to ask you about the mark-ups and
21	A.		20		comments. Were they Paul Hanson's?
22	л. 0.	Now, that document, the OFSS issue 2, was dated	22	Δ	Yes.
23	Q.	24 October 2013, so a little bit the day before,	23		Did you have any input into those mark-ups and
24		I think, probably, by the time this email is sent.	24	٩.	observations yourself?
25		Do you remember reading the Exova outline fire	25	Α.	We would have discussed them prior to the usual
					-
		133			135
1		safety strategy issue 2 when you started working on the	1		practice as I say, I don't know when I had that we
2		project?	2		would usually go into an office and we would look at the
3	Α.	I can't say what issue I looked at. I did look at	3		plans, because so that I was familiar with what was
4		a fire strategy.	4		going on.
5	Q.	Right.	5	Q.	Did you discuss with Paul Hanson the marked-up plans and
6		Issue 3 was dated 7 November 2013. Do you think you	6		observations, with him specifically , before sending this
7		might have looked at that?	7		email to Mr Sounes?
8	A.	I	8		That would have been the practice, common practice.
9	Q.	There is not a great deal of difference between them.	9	Q.	Right.
10	Α.	I really can't say, sorry.	10	Α.	I can't say that I did, but generally that's how I would
11	Q.	Were you told at the time why it was that either	11		do it.
12		John Allen or Paul Hanson or both of them had reached	12		And might that have been the day before
13		the view that the information provided by Studio E,	13		Yeah, it could've been.
14		which included this outline fire safety strategy, about	14		according to the Outlook diary entry?
15		the smoke extract system was insufficient?	15		Well, maybe. Yes, maybe that is, sorry.
16		No.	16		Do you remember that? I mean, it's possible, but
17	Q.	Can we go to {SEA00000154}, please. This is a run of	17		I can't. Possibly we had a meeting.
18		emails in early December 2013, the top one is dated	18	Q.	All right.
19		3 December 2013, which attaches a "Fire Strategy.pdf".	19	Α.	And maybe that was it, that we agreed to sit down and go
20		Do you see that?	20		through so that I was aware what was going on.
21	A.	Mm.	21	Q.	Can we go to {SEA00010369}. This is a memo from
22	Q.		22		Paul Hanson to John Allen dated 6 December 2013, "B1 -
23		the time?	23		means of escape observations", and in it he gives his
24	Α.	Not at the time, because, as I said, I believe I took	24 25		comments about the smoke vent proposals.
25		the project over at the end.	25		Do you think this was a document you were shown or
		134			136

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1		saw before you took over?	1		aliminate the risk of significant design changes before
2	٨	I don't recall ever	2		eliminate the risk of significant design changes before appointing a contractor and I believe the consultation
3			3		with the Fire Authority is key to this. I hope this can
4	Q.	Right. If we look at page 4 {SEA00010369/4}, please, at the	4		be made before we arrange another meeting with you.
±		very bottom of that page, it says that Paul Hanson had	±		Will a response to the smoke ventilation be enough for
6		not yet consulted the fire authority.	6		this to happen?"
7		Was it your understanding at this point that	7		Did you get the impression from this that Studio E
8		Paul Hanson was still not satisfied that	8		was putting you under time pressure to consult the fire
9		Building Control had sufficient information from	9		authority at this stage?
10		Studio E to enable him to consult the fire authority, or	10		(Pause)
11		did you not know anything about this?	11	Δ	Yes, but we wouldn't until we were happy with it,
12	Δ	I didn't know anything about this, but reading that,	12		you know, we wouldn't put an application in.
13	11.	you know, Paul has said that he hasn't enough	13	0	Right.
14		information.	14		But you can see that they're doing that.
15	0.	Yes.	15	0.	Go to the top email, then. This is Paul Hanson's
16	τ.	Just physically in the office at RBKC, did you sit	16	τ.	suggestion to you internally where he is recommending
17		in the same office as John Allen or Paul Hanson or can	17		the following response. He had been copied in on the
18		you overhear each others' work?	18		email and was recommending a response to you. You see
19	A.	We had a hot-desking system, so you would you could	19		that?
20		sit wherever you wanted. Generally we would sit in the	20	A.	Yes.
21		same area, but sometimes if you wanted or if I wanted	21	Q.	It's sent to you at about 15.06 on that day. Just look
22		a quiet time in order to do some particular thing,	22		at the text, he says:
23		I might go and sit in corner.	23		"I recommend the following response:-
24	Q.	Right. Okay.	24		"We are happy to pass on the question to the fire
25	A.	Sorry.	25		authority regarding changes to the smoke vent system as
		137			139
1	0		1		
1	Q.	All right.	1		a separate exercise to the building control submission."
2 3		When you did come into the project, as you can see, at the very end of December 2013, were you aware that	2 3		I will not read it all out to you. Clearly that's
3 4		the Grenfell Tower project involved overcladding the	5 4		what he was suggesting you should say to Studio E.
4 5		building?	4 5		If we now go to {RBK00003854}, please, we can see your response to Bruce Sounes sent at 15.20 the same
6	٨	Yes.	6		day, so just about 15 minutes later. Do you see that?
7		You were?	7	Δ	Yes.
8		Yes.	8	Q.	
9	Q.	Who told you that?	9	۷.	suggestion in his email 15 minutes earlier; is that
10	Q. A.	I could see that on the drawings.	10		right?
11	Q.	Right, could see it on the drawings.	11	Α.	Yes.
12	x .	Now, then, could we go to {RBK00048649}, please, and	12		I see. So you were simply passing on Paul Hanson's
13		look at the second email down on that page, page 1.	13	τ.	comments that he had suggested to Studio E, effectively ?
14		This is an email from Bruce Sounes to you and	14	Α.	Yes.
15		Paul Hanson, 6 January 2014, and in it he says:	15		I think, in the event, Studio E didn't provide the
16		"Your comments [are] split roughly between the smoke	16		further information relating to the smoke vent system
17		vent and fire separation, the former will be covered by	17		that you had asked for, did they?
18		the Engineers, the latter mostly by Studio E. The	18	A.	That I can't comment on, sorry.
19		design has been the subject of lengthy deliberation and	19	Q.	Right. And I think it's right that there was no
20		while I can understand some of the requests for	20		consultation at that stage of the fire authority either.
21		additional separation there are reasons why we hadn't	21	A.	No, no.
22		indicated them and we would like to discuss these with	22	Q.	Okay.
23		you in further detail (access to the risers, refuse	23		Let's move on in time. Please go to {ART00003931}.
24		chutes etc).	24		These are minutes of progress meeting number 10 on site,
25		"The priority for our client, the TMO is to	25		21 April 2015, so a long way ahead in time. But if we
		138			140

1		look at page 3 {ART00003931/3}, you can see at the
2		bottom of the page it says there:
3		"[Simon Lawrence] is meeting with building control
4		on 17/04 [that must be 2015] to inspect the reinforcing
5		to the mezzanine prior to the concrete pour."
6		Do you remember, was it you who was the
7		Building Control officer attending that meeting?
8	A.	It most probably was, but I can't be absolutely certain.
9	0.	1 5 7
10	τ.	Can we go back, then, in time. {RBK00052478}. This
11		is a record of the RBKC site visits . Now, I just want
12		to be clear with you what document this is, because it's
13		a document that we will be going to quite a lot in the
14		course of your evidence to come, Mr Hoban. It's
15		a document that was compiled on 14 June 2017, so the
16		same day as the fire, and it's sent to Claire Williams
17		of the KCTMO, and it's the records from
18		Building Control, John Allen, of the site notes for the
$10 \\ 19$		
20		application. It's a long document, and it ends on
20 21		page 1, so you start at the bottom end of it.
∠⊥ 2.2		Can we go to page 8 {RBK00052478/8}. This is the
		first entry or site visit taking place on
23		29 August 2014. Now, I should just tell you, this is
24		the first RBKC record of any site visit we have by
25		Building Control to the Grenfell Tower refurbishment
		141
1		site .
2		Is that right? Was that your first site visit, do
2 3		Is that right? Was that your first site visit, do you think?
2 3 4	A.	Is that right? Was that your first site visit, do you think?
2 3 4 5	A. Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes.
2 3 4 5 6		Is that right? Was that your first site visit, do you think? I believe well, from that, yes.
2 3 4 5		Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay.
2 3 4 5 6		Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email
2 3 4 5 6 7		Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that?
2 3 4 5 6 7 8	Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes.
2 3 4 5 6 7 8 9 10 11	Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire.
2 3 4 5 6 7 8 9 10	Q. A. Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire.
2 3 4 5 6 7 8 9 10 11	Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before.
2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A. Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry.
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire. No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire. No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil,
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire. No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire. No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower Project, for your information."
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower Project, for your information." The email you sent him is 8 January 2014 from
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower Project, for your information." The email you sent him is 8 January 2014 from Paul Hanson to you, which is the one at 15.06 that we
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower Project, for your information." The email you sent him is 8 January 2014 from Paul Hanson to you, which is the one at 15.06 that we saw I think earlier on. That then became the one you cut and pasted and sent on.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower Project, for your information." The email you sent him is 8 January 2014 from Paul Hanson to you, which is the one at 15.06 that we saw I think earlier on. That then became the one you cut and pasted and sent on. Yeah.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower Project, for your information." The email you sent him is 8 January 2014 from Paul Hanson to you, which is the one at 15.06 that we saw I think earlier on. That then became the one you cut and pasted and sent on. Yeah.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q.	Is that right? Was that your first site visit, do you think? I believe well, from that, yes. Okay. Now, if we go to {RBK00003810}, this is an email from you to Neil Crawford dated 17 July 2014. Do you see that? Yes. So this is after the fire . No, this is before. I'm so sorry, it's 2014, I'm sorry. Yes. "Neil, "Please find detailed below the last e-mails that I have in my possession relating to the Grenfell Tower Project, for your information." The email you sent him is 8 January 2014 from Paul Hanson to you, which is the one at 15.06 that we saw I think earlier on. That then became the one you cut and pasted and sent on. Yeah. This suggests, looking at it, that there had been no

1		2014. Was that correct?
2	Α.	Yes, I believe so.
3	Q.	Do you know what prompted you to send this email to
4		Neil Crawford of 17 July 2014?
5	A.	He asked for information.
6	Q.	He asked for information?
7	A.	I think he I believe he became involved. Up until
8		that time, I'd been dealing with him on the academy
9		extensively .
10	Q.	Do you remember how he contacted you?
11	A.	Pardon?
12	Q.	Do you remember how he contacted you?
13	A.	Well, there's obviously the email there. I don't know
14		whether he said in conversation while I was at the $$
15		dealing with the academy, whether he said to me that he
16		wanted to talk to me about Grenfell, but I'd only be
17		speculating.
18	Q.	Just so that I'm clear, you take over as Building
19		Control officer on the Grenfell Tower project at the end
20		of December 2013?
21	Α.	Yeah.
22	Q.	Were you still , after that time, Building Control
23		officer on the KALC project?
24	Α.	Yes.
25	Q.	So you were running both of those?
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1	Α.	Yes.
2	Q.	
3		Do you remember in these initial discussions with
4		Mr Crawford about Grenfell Tower what it was you
5		discussed?
6	Α.	I think it was, "I'll be dealing with it and I need to
7		see you".

- see you".
- 8 Q. I see. Did he give you any further information about 9 the refurbishment at that time?
- 10 A. Not at that stage.
- 11 Q. Did he mention overcladding the building, do you think?
- 12 A. No, I think it was just that he would be dealing with 13 it.
- 14 Q. I think you then made this visit on 29 August 2014,
- 15 which is referred to in the document we looked at
- 16 a moment ago. Was that before you had seen any drawings
- 17 for the building, other than perhaps the marked-up 18
 - version that was sent on 31 December --
- 19 A. I believe so.
- 20 Q. -- 2013? Right.
- 21 Can we look at a note of the site visit,
- 22 {RBK000052478/8}, which we just looked at a moment ago.
- 23 You can see there it says, 29 August 2014.
- 24 "Action: Pre-start Visit.
- 25 "Result: Satisfactory.
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1		" Officer: John Hoban.
_		,
2		"Notes: visited site met project manager had brief
3		discussion about the project, asked to be contacted when
4		construction works commence on site, gave advice as to
5		what stages of the works we need to [be] contacted to
6		inspect. Workmen still presently carrying out
7		demolition works nothing to check at time of visit .
8		Demolition works to go on for some time. Also informed
9		the project manager that I had yet to receive up to date
10		details of the works."
11		The reference to meeting the project manager, was
12		that Simon O'Connor of Rydon?
13	Α.	I believe so.
14	Q.	Do you think you met Neil Crawford of Studio E on site
15		at that meeting as well?
16	Α.	No, I don't believe I did.
17	Q.	It refers to a brief discussion about the project; do
18		you remember what the content of that discussion was?
19	Α.	Just generally what the works were to be.
20	Q.	Right. Did you look at any drawings at that meeting?
21	Α.	I may have.
22	Q.	You may have?
23	Α.	Yes.
24	Q.	Do you have any specific recollection of it?
25	Α.	I can't remember that meeting, but or I can remember
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1		having the discussion, but I can't specifically remember
2		saying we got the drawings generally , when I go
3		on site, I would look at drawings.
4	Q.	Right. Would you look at drawings that you brought with
5		you or would you be provided with the drawings when you
6		got to site?
7	A.	They would be the drawings on site . Sometimes I would
8		bring drawings at the end in order that in order to
9		check that they corresponded with the fire strategy, but
10		up until that time I would look at the drawings on site,
11		because obviously
12	Q.	Right.
13	Α.	that's what I would be checking against.
14	Q.	I understand. So to get to the drawings on site, where
15		would you go?
16	Α.	The site office .
17	Q.	And who was running that?
18	Α.	At that time it was Simon Lawrence no,
19		Simon O'Connor.
20	Q.	Simon O'Connor?
21	Α.	Sorry, Simon O'Connor.
22	Q.	So the up-to-date drawings that you would want to see
23		would be held in the site office?
24	Α.	Yes.
25	Q.	I see.
		146

2		that time.
3	Q.	At that meeting, do you remember whether you discussed
4		the overcladding proposals, with Mr O'Connor?
5	Α.	Not in specific detail, but I would have known that the
6		building is being overclad.
7	Q.	Was there any discussion about the materials that were
8		planned for use in the external wall construction?
9	Α.	No, I don't believe so.
10	Q.	Did they tell you that they had an outstanding planning
11		application for approval of the materials on the façade
12		which had not yet been resolved?
13	Α.	No, I don't believe so.
14	Q.	Now, Mr Crawford says in his witness statement and
15		this is paragraph 206 $\{SEA00014275/65\}$ that he
16		recalls meeting you on site in the week commencing
17		25 August 2014. Now, he was also asked about that in
18		his oral evidence, $\{Day11:137/12\}$, and he said and
19		I'll just put to you the gist of his evidence that he
20		had with him the basic project drawings, and he says he
21		recalls sitting and discussing the project and that you
22		took drawings away with you.
23		Did you sit and discuss the project with Mr Crawford
24		in late August 2014?

1 A. I don't know how much information he would have had at

in late August 2014? 25 A. I don't recall that.

1

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	Q.	Did you have any discussion with Mr Crawford in late
		August 2014 which included the basic project drawings?
	Α.	Not that I can recall.
:	Q.	Do you remember taking any drawings away with you from
)		any meeting with Mr Crawford in late August 2014?
,	A.	No, no, I don't as I say, as far as I recall,

- 6 say, 7 I didn't.
- 8 Q. Were you ever given drawings in any face-to-face
- 9 meetings that you had with Mr Crawford?
- 10 A. Not that I can recall.
- 11 Q. What about another member of the Grenfell design team?
- 12 A. I don't know whether Bruce left any drawings with us
- 13 when he had the meeting in our office .
- 14 Q. Which meeting are you referring to?
- 15 A. Paul and I had a meeting with Bruce Sounes at some
- 16 stage. I mentioned this previously.
- 17 Q. Yes. Was this prior to this site visit or afterwards?
- 18 A. I can't recall. Generally I wouldn't take information 19 away with me, because I'd be out on site all day, and 20 I wouldn't be carrying drawings with me, because, as
 - I say, I would be going in and out of sites.
- 21 22
- Q. Do you remember telling Mr Crawford at this time that 23 you were primarily concerned with fire - related matters 24 and that those were your priority?
- 25 A. No, I'd be concerned with all aspects of the Building

September 30, 2020

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1		Regulations.	1	A.	$\ensuremath{\mathrm{I}}$ would go along and do interim visits $% \ensuremath{\mathrm{I}}$ and see what was
2	Q.		2		going on at the time, and then if anything concerned me
3		the project manager that you had yet to receive	3		then I would react accordingly.
4		up-to-date details of the works.	4	Q.	So you say you would do interim visits , and you told us
5	A.	Yes.	5		this morning that you set these at monthly for yourself.
6	Q.	Was that a matter of concern to you at the time?	6	Α.	Yeah.
7	A.		7	Q.	Was that just a diary entry, or were your site visits
8		lots and lots of jobs it would be chasing people for	8		related to particular stages the project had reached?
9		drawings and information.	9	A.	No, I think at the start, with Simon O'Connor, after
10	Q.	Right.	10		I finished one visit , I would agree a date for another,
11	A.	So it wasn't unusual.	11		but that didn't continue.
12	Q.	Was there any particular aspect of the project that you	12	Q.	Right.
13		had in mind when you asked for up-to-date information on	13		More specifically , would you expect to inspect
14		that occasion?	14		particular elements, like insulation and
15	A.	No, it was generally details of the work.	15		cavity barriers, where they had been installed but
16	Q.	Did you see a mock-up of the cladding on site during	16		hadn't yet been covered up by cladding panels?
17		your visit?	17	A.	I did well, I did go and see, as works was
18	A.	No.	18		progressing, on certain occasions
19	Q.	So we know that there was a mock-up presented in July of	19	Q.	Yes, and we'll come to those. Let me put the question
20		2014, but we're not sure when it was taken down. Did	20		slightly differently , because I'm not sure I've really
21		you see anything on site showing	21		got the point across.
22	A.	I don't recall seeing anything on site .	22		When you were saying, as this note says, "gave
23	Q.	Right.	23		advice as to what stages of the works we need to [be]
24		We know that the full plans application had been	24		contacted to inspect", did you have in mind that, even
25		submitted already on 4 August, so much earlier in that	25		though you might be doing site visits monthly, you
		149			151
1			1		
1		month. Were you concerned that there were no up-to-date	1		needed to inspect each element of the cladding system as
2		details, given that the full plans application was	2		it was installed to make sure that it was installed
3		already live?	3		correctly and compliantly before it was covered up by
4	Α.		4		the next element?
5		drawings. It was validated, that's the way the office	5		No, not
6	~	worked. So it was a concern, but it wasn't unusual.	6	Q.	You didn't?
7	Q.	Yes, I see.	7		No.
8		Was the absence of plans, given that there was at	8	Q.	Now, we move forward a little bit in time, not much,
9		this stage a live full plans application, something	9		{SEA00000189}, 3 September 2014. We see here an email
10		which drove you to ask for more details?	10		to you from Simon Lawrence on that day, copied to
11	Α.		11		Simon O'Connor and Neil Crawford, and he says:
12	Q.	Right, okay.	12		"Morning John,
13	A.		13		"We haven't been introduced properly yet, but I am
14	Q.	The note also refers to the stages of works that you	14		Rydon's Contracts Manager for the Grenfell Tower
15		would need to be contacted for, for inspection. Do you	15		project. I understand that you dropped into our site
16		see it says "advice as to what stages of the work we	16		office recently and had a brief introduction to the
17		need to [be] contacted to inspect"? What were those	17		project and drawings from our Project Manager,
18		stages, do you remember?	18		Simon O'Connor."
19	A.	It was mainly the structure, DPCs, drainage, the	19		Do you see that?
20		notifiable notifications as specified in the	20	Α.	Yes.
21		Building Regulations.	21	Q.	Now, first of all , you hadn't had any contact, I think,
22	Q.	For a project involving cladding, overcladding and	22		with Simon Lawrence before that point, had you?
23		I know you say you have not done a high-rise before	23	Α.	No, I don't believe so.
24		did you have any sense of what stages you would expect	24	Q.	Looking at the second sentence of this email, is this
25		to carry out inspections at, from that point on?	25		your visit on 29 August, do you think?

1	A.	Yes, I believe so.	1		have involved you at a much earlier stage so that you
2	Q.	And he says that you had had an introduction to the	2		had had input from a Building Control perspective into
3		project and drawings. It looks very much from this	3		the full plans application before it was submitted?
4		contemporaneous document that Simon O'Connor did show	4	Α.	
5		you some drawings.	5	Q.	Now, were you aware at this point so early
6	A.	Yes, it would appear so.	6		September 2014 that RBKC's planning department was
7	Q.	But I think you can't remember what drawings he showed	7		considering Rydon's proposal to install ACM
8		you; is that right?	8		polyethylene-cored panels as the rainscreen instead of
9	A.	Yeah.	9		zinc panels with a metal honeycomb core?
10	Q.	Then if we look at the last sentence, he says that he is	10	Α.	I wouldn't have been aware of that .
11		going to arrange a meeting with yourself on site shortly	11	Q.	Can you help me: at that time, would you expect the
12		with Studio E. Does that help you remember whether you	12		planning department to flag matters like that to the
13		had already met Neil Crawford on site in the week of	13		Building Control department, as part of its integrated,
14		25 August as he says, or not met him yet?	14		co-operative approach?
15	A.	I don't believe I had met as I say, that's but	15	Α.	As I said previously, we would have contact with the
16		I meet so many people, and I was meeting Neil on the	16		planners when they asked for advice on certain matters.
17		academy.	17		It wasn't I'm not aware of any policy. There may
18	Q.	Yes.	18		have been a policy but I wasn't actually aware of it .
19	A.	So it's I can just say that. But I don't believe	19		As I say, with planners, they would come to me
20		I had, or it's my belief that I didn't have a meeting	20		occasionally with plans, for example if they were
21		with	21		altering a listed building and they were concerned about
22	Q.	Yes, I follow.	22		a particular type of construction. But generally, the
23		him before then.	23		planners didn't consult us on a regular basis.
24	0.	Right.	24	0.	I mean, would you expect the planning department to come
25		Is it possible that you met Neil Crawford on the	25	Ì	to you and ask for your view as a Building Control
		153			155
		155			155
1		KALC site in the week, the last week of August 2014, and	1		officer where something like the panels on the exterior
2		met Simon O'Connor on the Grenfell site in the same	2		of an overcladding system were to be changed from zinc
3		week?	3		to aluminium?
4	A.	Maybe. I can't say.	4	Α.	It would have been good if they had.
5	Q.	You can't remember.	5	Q.	Well, it would have been good if they had.
6		Can we go up a little bit in this email to the long	6	A.	Yes.
7		first paragraph. Halfway through that, Simon Lawrence	7	Q.	But did you expect them to do so at the time as a matter
8		says:	8		of fact?
9		"To be honest we would have liked to have got	9	Α.	As I say, my contact with planning officers was they
10		yourself on board earlier but there has been some Client	10		would come to us when they felt it was necessary.
11		design changes which we were hoping to confirm before	11	Q.	Right.
12		our application so as not to confuse issues in the	12		Was there any communication, to your knowledge,
13		future ."	13		between the planning department and the Building Control
14		Would you expect to have had more involvement with	14		department within RBKC about Grenfell Tower at around
15		a project of this nature before a full plans application	15		this time?
16		was formally submitted?	16	A.	
17	A.	Yes.	17	Q.	
18	Q.		18		please. This is another record of a visit ,
19	٠.	your input on particularly the overcladding proposals as	19		5 September 2014, and it copies into the document
20		part of the pre-application advice or input from you?	20		an email from you, Mr Hoban, to Simon Lawrence and
21	A.	Yes.	21		Simon O'Connor of 5 September, and it 's labelled
22	0.	Did you think at this time that the full plans	22		an interim site visit.
23	٠.	application was coming rather late in the day?	23		Did an actual site visit take place on that date, do
24	Δ	Yes.	24		you think?
25		Did you get the sense that it would have been better to	25	Δ	I would have to see my diaries. That's why I was asking
20	ς.	214 Jou bet the bende that it would have been better to	20		marte have to bee my diartes. That s why i was asking

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September 30, 2020

1		for my Outlook calendar to confirm that.	1	Α.	That's the meeting I was referring to earlier .
2	Q.	Right.	2	Q.	I see. Do you remember when earlier in the year you had
3	Α.	I believe there it would have happened that day, but	3		done that initial appraisal?
4		without access to my Outlook calendar or the other	4	Α.	I can't recall . As I say, there may be records in
5		I can't confirm that.	5		Paul Hanson's files
6	Q.	I mean, clearly, somebody who had compiled this thought	6	Q.	Right.
7		that your action was an interim visit by reference to	7	Α.	on that.
8		this email.	8	Q.	Do you remember whether that appraisal covered the
9	Α.	That would've been me.	9		design, construction or make-up of the overcladding
10	Q.	I'm sorry, could you repeat what you just said?	10		system proposed?
11	Α.	I said that would have been me, I believe I would have	11	Α.	That I couldn't tell you.
12		put that. I think I was still waiting for well, you	12	Q.	Looking at this pack of drawings that comes in, did you
13		can see it's unsatisfactory. I'm still waiting for	13		review this pack when it came in?
14		information, I believe.	14	Α.	Yes.
15	Q.	I follow.	15	Q.	Did you take notes about the drawings or on the
16		If we can go to page 7 {RBK00052478/7}, we can see	16		drawings?
17		that you're sending, as part of that entry, the email,	17	Α.	Yes.
18		or you're recording the email, from Neil Crawford to	18	Q.	Can you recall in general terms what your impression was
19		Simon Lawrence, copied to Paul Hanson. Do you see that?	19		about the quality or the completeness of the drawings
20	Α.	Yeah.	20		that were submitted?
21	Q.	Which says that Paul Hanson is a fire engineer and best	21	Α.	They weren't complete.
22		placed to answer questions regarding the dry riser and	22	Q.	Now, these drawings were issued to you clearly outside
23		AOVs, and then your email above that that we saw earlier	23		the statutory five-week time limit for a decision on the
24		on.	24		full plans application . Did that concern you?
25	Α.	Mm.	25	Α.	It did concern me that I wasn't getting information from
		157			150
		137			159
		157			159
1	Q.	Looking at those two together, are you saying there that	1		them. In my view, the original application wasn't
1 2	Q.		2		them. In my view, the original application wasn't a valid application because it wasn't complete, but our
		Looking at those two together, are you saying there that			them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission.
2 3 4	A.	Looking at those two together, are you saying there that all queries should come to you first ?	2 3 4	Q.	them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission.
2 3 4 5	A.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project.	2 3 4 5	Q.	them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the
2 3 4 5 6	A.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E	2 3 4	Q.	them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control
2 3 4 5 6 7	A. Q.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to	2 3 4 5 6 7		them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the
2 3 4 5 6 7 8	A. Q. A.	Looking at those two together, are you saying there that all queries should come to you first? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them?	2 3 4 5 6 7 8		 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as
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2 3 4 5 6 7 8 9 10	A. Q. A.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from	2 3 4 5 6 7 8 9		them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for
2 3 4 5 6 7 8 9 10 11	A. Q. A.	Looking at those two together, are you saying there that all queries should come to you first? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from Neil Crawford to you of 24 September 2014, and it	2 3 4 5 6 7 8 9 10 11		them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the
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2 3 4 5 6 7 8 9 10 11 12 13	A. Q. A.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to [RYD00018742]. This is an email from Neil Crawford to you of 24 September 2014, and it attaches a zip file containing a pack of drawings. It's also copied to Paul Hanson and Simon Lawrence, as we can	2 3 4 5 6 7 8 9 10 11 12 13		 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the contractor and the architects . Was there any policy within the Building Control
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. A. Q.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from Neil Crawford to you of 24 September 2014, and it attaches a zip file containing a pack of drawings. It 's also copied to Paul Hanson and Simon Lawrence, as we can see. Now, this is about seven weeks after the full plans application had been submitted on 4 August. Was this the first time that you'd received drawings relating to the project, other than those that had been marked up by Mr Hanson at the end of December 2013?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. Q.	 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the contractor and the architects. Was there any policy within the Building Control department for enforcing compliance by applications that were out of time? Yeah. Yes. What was that policy for enforcement?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. Q. A. Q.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from Neil Crawford to you of 24 September 2014, and it attaches a zip file containing a pack of drawings. It 's also copied to Paul Hanson and Simon Lawrence, as we can see. Now, this is about seven weeks after the full plans application had been submitted on 4 August. Was this the first time that you'd received drawings relating to the project, other than those that had been marked up by Mr Hanson at the end of December 2013? Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. Q. A.	 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the contractor and the architects . Was there any policy within the Building Control department for enforcing compliance by applicants with the time limit, so for example rejecting applications that were out of time? Yeah. Yes. What was that policy for enforcement? Well, I don't know whether it was written down, but
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Q. A. Q.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from Neil Crawford to you of 24 September 2014, and it attaches a zip file containing a pack of drawings. It's also copied to Paul Hanson and Simon Lawrence, as we can see. Now, this is about seven weeks after the full plans application had been submitted on 4 August. Was this the first time that you'd received drawings relating to the project, other than those that had been marked up by Mr Hanson at the end of December 2013? Yes. In the second sentence of the email, he says:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Q. Q.	 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the contractor and the architects . Was there any policy within the Building Control department for enforcing compliance by applicants with the time limit, so for example rejecting applications that were out of time? Yeah. Yes. What was that policy for enforcement? Well, I don't know whether it was written down, but if sometimes if I had an application and there was
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. A. Q.	 Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from Neil Crawford to you of 24 September 2014, and it attaches a zip file containing a pack of drawings. It's also copied to Paul Hanson and Simon Lawrence, as we can see. Now, this is about seven weeks after the full plans application had been submitted on 4 August. Was this the first time that you'd received drawings relating to the project, other than those that had been marked up by Mr Hanson at the end of December 2013? Yes. In the second sentence of the email, he says: "I believe yourself and Paul Hanson sat down earlier" 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. Q.	 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the contractor and the architects. Was there any policy within the Building Control department for enforcing compliance by applicants with the time limit, so for example rejecting applications that were out of time? Yeah. Yes. What was that policy for enforcement? Well, I don't know whether it was written down, but if sometimes if I had an application and there was no drawings, I would actually write down that,
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q. A. Q.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from Neil Crawford to you of 24 September 2014, and it attaches a zip file containing a pack of drawings. It 's also copied to Paul Hanson and Simon Lawrence, as we can see. Now, this is about seven weeks after the full plans application had been submitted on 4 August. Was this the first time that you'd received drawings relating to the project, other than those that had been marked up by Mr Hanson at the end of December 2013? Yes. In the second sentence of the email, he says: "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	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q. Q.	 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the contractor and the architects. Was there any policy within the Building Control department for enforcing compliance by applicants with the time limit, so for example rejecting applications that were out of time? Yeah. Yes. What was that policy for enforcement? Well, I don't know whether it was written down, but if sometimes if I had an application and there was no drawings, I would actually write down that, "Rejection, please submit details A, B, C, D, E, F G". Do you know why you didn't reject the full plans
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Q. A. Q.	Looking at those two together, are you saying there that all queries should come to you first ? Yes, so that I'm aware what's going on on the project. Yes, exactly. The question is : did Rydon and Studio E comply with your request after you had made it clear to them? I think sometimes there was direct contact with Paul. I see. Now, moving on in time to later in September, can we go, please, to {RYD00018742}. This is an email from Neil Crawford to you of 24 September 2014, and it attaches a zip file containing a pack of drawings. It 's also copied to Paul Hanson and Simon Lawrence, as we can see. Now, this is about seven weeks after the full plans application had been submitted on 4 August. Was this the first time that you'd received drawings relating to the project, other than those that had been marked up by Mr Hanson at the end of December 2013? Yes. In the second sentence of the email, he says: "I believe yourself and Paul Hanson sat down earlier in the year and did an initial appraisal of the proposed	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Q. A. Q. A. Q.	 them. In my view, the original application wasn't a valid application because it wasn't complete, but our office would accept just a form as a valid submission. Was there any policy within the Building Control department concerning compliance by surveyors with the five -week time limit? I don't know whether there was anything written down. Generally we would work to those timetables, but as I say, with this particular project, the drawings weren't there and, as I say, we were waiting for information, and I was trying to work with the contractor and the architects. Was there any policy within the Building Control department for enforcing compliance by applicants with the time limit, so for example rejecting applications that were out of time? Yeah. Yes. What was that policy for enforcement? Well, I don't know whether it was written down, but if sometimes if I had an application and there was no drawings, I would actually write down that, "Rejection, please submit details A, B, C, D, E, F G".

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September 30, 2020

1	Q.	even though it was out of time?	1		to ask for it, in other words when you were ready you
2		because I was trying to work with	2		would take on more?
3	Q.	5	3	A.	No, as I say, it's their responsibility to provide us
4		the contractor and Studio E.	4		with information, and I was chasing them for
5	Q.	Now, Ms Menzies says at paragraph 326 of her report	5		information, and I don't perhaps "chasing" isn't
6		just for the reference, it's {BMER00000004/101} that	6		the word. I did mention it on numerous occasions. As
7		you should have rejected the full plans application due	7		I say, it's sort of highlighted with the calculations.
8		to a lack of supporting documentation to enable the	8		They didn't come in until whatever date. So I was
9		application to be decided within the statutory time	9		always after them for information, and I think it was
10		limit . Do you agree with that?	10		"Yes, it's coming".
11	Α.	In hindsight, yes, but as I say, at the time I was	11	Q.	Let's now look at the drawings contained in the zip file
12		trying to work with them.	12		that Mr Crawford attached and sent to you on
13	Q.	Yes, I understand. Okay.	13		24 September 2014. Can we please bring back document
14		Now, before we look at the details of these	14		{RYD00018742}.
15		drawings, I just want you to look at the last sentence	15		Now, I just want to start with a general
16		of Neil Crawford's email. He says:	16		proposition.
17		"I know you like to go through the drawings on an	17		The Inquiry's experts, by whom I mean Ms Menzies,
18		agreed process of release rather than just being swamped	18		Dr Lane and Mr Hyett, each of those experts to
19		with everything at once so I am just sending the	19		the Inquiry have looked at this zip file and come to the
20		following drawings to start with."	20		conclusion that the drawings listed in the covering
21		Now, if we go to his statement, I do want to show	21		email don't match the drawings in the zip file .
22		you this, this is {SEA00014275/17}, please, I would like	22		Did you yourself do any checks of the drawings that
23		to show you paragraph 40 on that page, and he says	23		you had in the zip file against the list to see if there
24		there, in the middle of the paragraph:	24		were discrepancies?
25		"Building Control set its own agenda for checking	25	Α.	No, I don't believe I would have. I would have asked
		161			163
1		off items, and it made it clear to me that I would be	1		for somebody to process these drawings, so that I would
2		contacted should further information be required."	2		have a number as I say, I don't know whether
3		So that's what he said in his witness statement.	3		I actually emailed Paul Hanson this or whether
4		On $\{Day 11/142\}$ he told us that that reference was	4		I actually got them printed and filled in a consultation
5		a reference to his conversation with you on site in the	5		form, because there's a formal consultation form that
6		week of 25 August 2014.	6		I have to fill in and send to the fire regulations group
3 7		Do you remember saying something along those lines	7		when consulting with them.
8		to	8	0.	Right.
9	A.	No	9	٩.	Did you note that the drawings named in the list
10	Q.	Mr Crawford at that time?	10		were missing from the zip file, or some of them were?
11	A.		11	A.	No, I don't believe I did.
12		Is it right that you told Neil Crawford that you didn't	12		For example, did you note that fire access plan 1279 SEA
13	٩.	want to be swamped with everything at once?	13	٩.	(08) 100b, which is listed as the second drawing
14	Α.	We would have it generally in stages, that's how it	14	A	I can't recall.
15		would work, but I don't actually recall actually saying	15		was missing? You didn't.
16		those words. When I was dealing with the academy, as	16	٩.	Let's just go to an example of what those drawings
17		I said, things came in stages.	17		did show. Can we go to {RYD00018750}.
18	0.	Did you tell him that your workload was particularly	18		Before you do, this is drawing 1279 (05) 100 Rev 00
19	τ.	heavy at this point and that therefore	19		south elevation, and that's the sixth drawing down under
20	Α.	I don't believe I did.	20		"Basic Plans".
21	Q.		21		Can we just go to that. The email says it's
22	¢.	Do you agree that only asking or only getting things	22		included, and this is that drawing.
					,
23			23		Did you generally check the revision numbers for
		in pieces, tranches, runs the risk that relevant	23 24		Did you generally check the revision numbers for drawings to see if they matched the covering email?
23			23 24 25	A.	Did you generally check the revision numbers for drawings to see if they matched the covering email? Sometimes I did, sometimes I didn't.

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1	Q.	Right, okay.	1		insulation being proposed?
2		Looking at this drawing, can we just zoom in on the	2	Α.	ş 8
3		top left -hand side. This is the south elevation. We're	3		some stage, and obviously on site I could see that they
4		going to have to do our best, I think, with this, unless	4		were using Celotex when it arrived on site , whatever
5		we can make it a little bit clearer, but I want to show	5		date that was.
6		you item 5 in the top right-hand corner. I can read it	6	Q.	, 8
7		to you. Item 5 says perhaps we can't zoom in any	7		that. But at this stage, you're given these drawings
8		further "Zinc spandrel panel for cladding to	8		and you can see what you can see and you can see what
9		residential floors ", item 7 says, "Zinc crown elements",	9		you can't see.
10		and item 9 says, "Zinc column cladding".	10		Yes.
11		Do you remember seeing a drawing like this at that	11	Q.	51 5 1 6
12		time telling you that zinc cladding panels were	12		either the architect or Rydon the fact that you did not
13		proposed?	13		see what kind of, for example, insulation was being
14	A.	Yes.	14		I asked for more details.
15	Q.	You do?	15		On the insulation specifically ?
16		Yes.	16		On the job.
17	Q.	Now, it doesn't say what kind of panel, whether it's	17	Q.	Right.
18		a zinc panel with a metal core or zinc with a composite	18	A.	
19		core, which did exist. Did you think to yourself at the	19	Q.	Let's move on. {SEA00000231}, please. This is a few
20		time: well, what kind of panel is this?	20		days later, 29 September 2013. This is an email from
21		Yes. Yes.	21		Neil Crawford to you in which, if we go to page 3
22	Q.	You did think it, did you?	22		{SEA00000231/3} of that document, we can see that there
23		I believe so.	23 24		is an email to you:
24 25	Q.	Did you ask anyone at the time: what kind of panel is	24 25		"John, "Places are attached the surrent Evere Study which
20		this?	20		"Please see attached the current Exova Study which
		165			167
1	Α.	I can't recall.	1		was written prior to the Fire Strategy Rev B changes and
1 2		I can't recall. Right.	1 2		was written prior to the Fire Strategy Rev B changes and also attached the correspondence with Exova relating to
2	A. Q.	Right.	2		also attached the correspondence with Exova relating to
2 3		Right. Were you aware that there were available in the	2 3		also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly."
2 3 4		Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one	2		also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova
2 3		Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert	2 3 4	А.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3?
2 3 4 5	Q.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one	2 3 4 5	А.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova
2 3 4 5 6 7	Q. A.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No.	2 3 4 5 6 7		also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out.
2 3 4 5 6	Q.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation	2 3 4 5 6		also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it
2 3 4 5 6 7 8	Q. A.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No.	2 3 4 5 7 8 9		also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right.
2 3 4 5 6 7 8 9	Q. A. Q.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot	2 3 4 5 6 7 8	Q.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or
2 3 4 5 6 7 8 9 10 11	Q. A. Q.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes.	2 3 4 5 6 7 8 9 10	Q.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere?
2 3 4 5 6 7 8 9	Q. A. Q. A.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that?	2 3 4 5 6 7 8 9 10 11	Q.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time.
2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A. Q.	Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody?	2 3 4 5 6 7 8 9 10 11 12	Q. A.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time.
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A. Q.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. 	2 3 4 5 6 7 8 9 10 11 12 13	Q. A.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right.
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A. Q.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing 	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A. Q. Q.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the 	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A.	 also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is "? 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is "? As I say, I was waiting for further details on 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is {CST00000702}, please. This is the Grenfell Tower
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is"? As I say, I was waiting for further details on Yes, that wasn't quite my question. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is {CST00000702}, please. This is the Grenfell Tower outline fire safety strategy, issue number 3, 7 November 2013.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is "? As I say, I was waiting for further details on Yes, that wasn't quite my question. Did you actually say to anyone, "What's the 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is {CST00000702}, please. This is the Grenfell Tower outline fire safety strategy, issue number 3,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is "? As I say, I was waiting for further details on Yes, that wasn't quite my question. Did you actually say to anyone, "What's the insulation? I don't see it on the drawing"? 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A.	 also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is (CST00000702), please. This is the Grenfell Tower outline fire safety strategy, issue number 3, 7 November 2013. Just looking at its first page, does it trigger
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is "? As I say, I was waiting for further details onYes, that wasn't quite my question. Did you actually say to anyone, "What's the insulation? I don't see it on the drawing"? I can't recall. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is {CST00000702}, please. This is the Grenfell Tower outline fire safety strategy, issue number 3, 7 November 2013. Just looking at its first page, does it trigger a recollection that this is a document you've seen
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is "? As I say, I was waiting for further details on Yes, that wasn't quite my question. Did you actually say to anyone, "What's the insulation? I don't see it on the drawing"? I can't recall. Right. 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q.	also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is {CST00000702}, please. This is the Grenfell Tower outline fire safety strategy, issue number 3, 7 November 2013. Just looking at its first page, does it trigger a recollection that this is a document you've seen before?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q. A. Q. A.	 Right. Were you aware that there were available in the market two kinds of zinc panels, at least two kinds, one with a honeycomb core, in other words a metal inert core, and one with a composite core? No. There is also no mention here of any type of insulation that would be installed behind the panel. Did you spot that? Yes. Did you take that up with anybody? I did. I was waiting for details. Did you say to anyone at the time, "Well, this drawing is incomplete because it doesn't tell me what the insulation is "? As I say, I was waiting for further details on Yes, that wasn't quite my question. Did you actually say to anyone, "What's the insulation? I don't see it on the drawing"? I can't recall. Right. How would you be able to assess if the cladding was 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q.	 also attached the correspondence with Exova relating to the Rev B changes which we will modify accordingly." When that came to you, did you read the Exova outline fire safety strategy version 3? I would assume so, I can't as I say, I can't it doesn't stand out. Right. Do you think you made a record of your thoughts or comments about it anywhere? I may have highlighted something on it. I would have sent this on to Paul as well at that time. Right. Let's just look at the document he sent you. We can't see from the face of the email what it is he's sending you, but from another document we can, and it is {CST00000702}, please. This is the Grenfell Tower outline fire safety strategy, issue number 3, 7 November 2013. Just looking at its first page, does it trigger a recollection that this is a document you've seen before? As I say, I can't remember, unfortunately.

1	Q.	Right.
2		Let's look at page 9 $\{CST00000702/9\}$ and see if this
3		triggers a recollection . I would like you to look,
4		please, at paragraph 3.1.4 under "Compliance with B4
5		(external fire spread)". Now, this was your domain.
6	Α.	Yes.
7	Q.	"It is considered that the proposed changes will have no
8		adverse effect on the building in relation to external
9		fire spread but this will be confirmed by an analysis in
10		a future issue of this report."
11		When you received this document on
12		29 September 2014, did you notice that? Did you notice
13		that paragraph?
14	Α.	I was aware of that, that statement, but whether it was
15		at that particular time, because I'd seen it in the
16		initial fire strategy.
17	Q.	The initial fire strategy for
18	Α.	Or some sorry, using my hands there.
19	Q.	Let me see if I can help. You had received issue 2,
20		which had been dated 24 October 2013, or rather it had
21		been received by Building Control; do you think you had
22		seen that?
23	A.	I had seen that.
24	Q.	Right.
25	Α.	As I say, this one, I feel I would have read it, but
		1/0
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1		I can't say that I read it on a particular day.
2	Q.	Did you come to any conclusion about whether this
3		document, so far as you can recall it at all , was
4		sufficient for the purposes of the full plans
5		application?
6	Α.	No, it would be sorry, could you repeat the

1		I can't say that I read it on a particular day.
2	Q.	Did you come to any conclusion about whether this
3		document, so far as you can recall it at all , was
4		sufficient for the purposes of the full plans
5		application?
6	Α.	No, it would be sorry, could you repeat the
7		question, please?
8	Q.	Yes.
9		When Mr Crawford sent you this document, and I know
10		you say you can't remember reading it, did you have any
11		thoughts at the time about whether it was sufficient for
12		the purposes of the full plans application?
13	Α.	It was part of it.
14	Q.	Right.
15		We know that no future analysis on B4 was ever
16		carried out after November 2013.
17	Α.	Yeah.
18	Q.	Did you note the fact that it had been promised?
19	Α.	I may have. What I would say is when I was issuing the
20		certificate at the end, I may not have gone back to the
21		file and done things as I should have done.
22	Q.	I think it would follow from that answer that you never
23		as a matter of fact went back to Rydon or Studio E and
24		asked for this report to be updated with a future
25		analysis?
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1	A. No, I don't think I did.
2	Q. Do you know why that is?
3	A. As I say, at the end there was a lot of outside
4	influences going on, and I was having difficulty in
5	dealing with things generally, due to family matters
6	that were going on at that time. And, as I say
7	MR MILLETT: Mr Chairman, I'm in the middle of a line of
8	questions, but I think it's probably the right time for
9	a break.
10	SIR MARTIN MOORE-BICK: Yes.
11	We will have a bit of a break now, Mr Hoban.
12	THE WITNESS: All right.
13	SIR MARTIN MOORE-BICK: We will come back at 3.40, please,
14	and again, please don't talk to anyone about your
15	evidence while you're away. Thank you.
16	(Pause)
17	3.40, then, please.
18	(3.25 pm)
19	(A short break)
20	(3.40 pm)
21	SIR MARTIN MOORE-BICK: Right, Mr Hoban, ready to carry on?
22	THE WITNESS: Yes, I am.
23	SIR MARTIN MOORE-BICK: Thank you.
24	THE WITNESS: I don't know

25 SIR MARTIN MOORE-BICK: Yes.

1	(Pause)
2	Right, just take your time. Would you like to go
3	out for a moment?
4	
4 5	THE WITNESS: No, I'll be
-	(Pause)
6	SIR MARTIN MOORE-BICK: Shall we have a couple of minutes
7	out?
8	THE WITNESS: No, I'll be okay.
9	SIR MARTIN MOORE-BICK: Sure?
10	THE WITNESS: Yes.
11	SIR MARTIN MOORE-BICK: There's no rush.
12	THE WITNESS: In relation to my last answer about not asking
13	for the fire strategy, I don't know whether it would be
14	appropriate for me to tell you what was going on in my
15	personal life at that particular time.
16	SIR MARTIN MOORE-BICK: Well, can I suggest we just pass
17	over that for the moment.
18	THE WITNESS: All right, thank you.
19	SIR MARTIN MOORE-BICK: I think we all understand that you
20	were going through a very difficult time, and we don't
21	want to pry into your private life at all .
22	THE WITNESS: All right, thank you.
23	SIR MARTIN MOORE-BICK: So just take a moment to compose
24	yourself.
25	THE WITNESS: Right, sorry.

1	SIF	MARTIN MOORE-BICK: Thank you.	1	
2		Right, yes, Mr Millett.	2	
3	THE WITNESS: Right, sorry.			
4	MF	MILLETT: Mr Hoban, it's quite all right .	4	
5		Just coming back to where we were before the break,	5	
6		and just focusing on the question of the cladding	6	
7		package, is it right that no comprehensive cladding	7	
8		package was ever provided to you?	8	
9	Α.	Not full comprehensive cladding package.	9	
10	Q.	And I think it's right that you didn't request one	10	
11		either?	11	
12	Α.	I did ask for information.	12	
13	Q.	Yes.	13	
14	Α.	I did as I say, I repeatedly asked for information.	14	
15		I found out certain information myself through talking	15	
16		with the contractor and actually seeing what was done	16	
17		on site .	17	
18	Q.	Can we look at a document, {RBK00048693}, please. Now,	18	
19		just to put it in its precise time context, this is	19	
20		an email from you, Mr Hoban, of 29 September 2014 to	20	
21		Mr Hanson, and you forward to him on that day the email	21	
22		that you had had from Neil Crawford on 24 September.	22	
23		You can see that. You ask him, you say:	23	
24		"Please may I have your observations under Part B of	24	
25		The Building Regulations, for the attached proposals for	25	
		173		
1		the Granfall Tanana Dalamala an ant"	1	
1 2		the Grenfell Tower Redevelopment."	1 2	
		Now, this is, looking at the timing, quite curious,		
3		because you can see that you get the Exova OFSS that we	3	
4		saw before on 29 September, as we saw before, and this	4	
5		is an email you're sending to Mr Hanson ten minutes	5	
6 7		before you got that. So it looks on the emails that you	6	
'		were asking him for his observations only a few minutes	7	
8 9		before you actually then receive the outline fire safety	8 9	
		strategy.	_	
10		My question is: did you intend Mr Hanson to comment	10	
11		on B3 and B4, or the whole of B?	11 12	
12 13	Α.	Well, the whole well, it was B1 and B5 but when you're considering B1 and B5, you also look at other	13	
13 14			14	
14 15	0	aspects.	14 15	
	Q.	Now, as I say, just to be clear, we saw earlier that you		
16		had received on the same day, 29 September, the email	16	
17		from Neil Crawford at 16.37. That was {SEA00000231},	17	
18		where he sent you the Exova OFSS, the outline fire	18	
19		safety strategy version 3. Here we see you ten minutes	19	
20		before that, at 16.27, asking Mr Hanson for a view.	20	
21		Did you send the outline fire safety strategy that	21	
22		you then got ten minutes later to Mr Hanson?	22	
23	A.	That I don't know.	23	
24 25	Q.		24 25	
25		see any record of you doing so. Can you help us with	25	

- why you didn't do so on the face of it?
- A. I'm fairly certain that I would have sent it, because in
 order for him to consider it, it would have, you know,
 been part of that.
 - O Herein valderen herei einstit te him if net h
 - Q. How would you have sent it to him if not by email?
 - Would you printed it off and put it on his desk?
- A. I may have.
- 8 Q. Right.
- 9 A. Generally what happened, as I say, there was a special
 0 form to be filled in as well that we had. It was
 1 a standard form that we would have to fill in, which
- .2 I would generally hand write, and that was part of the
- process we had, together with drawings.
- 4 Q. Now, we can see you sending this request on
- 5 29 September. It appears that Paul Hanson didn't reply
- 6 to this request for comments until 10 November 2014.
- 7 I'll show you a document in a moment to show you that.
- Does that correspond with your recollection, that longgap?
- 0 A. Yes, yeah, from what I've read through, the information1 that I've received.
- 2 Q. Let's have up {RBK00033895/2}, please, this is his
- 3 response on 10 November 2014. This is over a month
- 4 after you had asked him to give comments. Do you know

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- A. That would have been ... I can only surmise it was his
- workload at the time.

the reason for the delay?

- 3 Q. Right.
 - It deals with "B1 means of escape observations".
- There is nothing in here about B3, and critically
- 6 nothing about B4, "External fire spread", and about the
- 7 cladding. Do you know why that is?
- 8 A. That's a standard form that he uses, and, as I say,
 9 I was responsible for B2, B3 and B4, but as I mentioned
- 0 to you, when considering B1, you have to look at other
- 1 aspects of the scheme as well, and it -- as a whole.
- 2 Q. Yes. But you told us earlier that you hadn't limited,
- as indeed we see from the email --
- .4 A. Yeah.
- 5 0. -- Paul Hanson to comments on B1; you had said part B, 6 you made it very clear, but here you're only getting 7 comments on B1. 8 Given that he was your go-to man for fire issues on 9 B4, why did you not go back to him and say, "Well, Paul, 0 this is fine for B1, but can I please have your comments 1 on B4"? Why didn't you do that? 2 A. I can't --
- ∠∠ A. ICallt--
- 23 Q. You don't know? 24 A. I can't answert
 - A. I can't answer that question.
- Q. Let's look at page 3 {RBK00033895/3} of that document.

1		About halfway down page 3, under the heading "New	1		is a different topic. You say in your second
2		non residential access to residential stairway", he	statement and just for reference purposes, to save		
3		makes a comment about the boxing club, connected to 3			time, this is paragraph 11 on page 4 of your second
4		a single stairway, and then a comment about the fire	4		statement {RBK00050416/4} you say that the RBKC
5		consultants providing 0.4 square metre natural	5		document P6 sets out the formal process used by the
6		ventilated lobby connections. He then says:	6		Building Control department for the full plans
7		"Therefore RBKC are not in a position to approve the	7		application. That's right, is it?
8		proposals at this stage due to the need for the design	8	Α.	Yes, that's
9		team to establish an acceptable extract rate for the	9	Q.	If you go to the P6, this is {RBK00052486}, please, it
10		powered lobby ventilation system and the provision of	10		looks as if this is a P6.
11		ventilated lobby protection to all stairway connections	11	Α.	Yes.
12		to residential and other uses."	12	Q.	This one is dated 10 August, issue 3, prepared by
13		Now, can we take it from that statement that	13		John Allen. Is this a standard form?
14		Paul Hanson's view, limited though it was to B1, was	14	Α.	It 's a form that he the P6 is a document that was
15		that the full plans application could not be approved at	15		produced by John Allen.
16		that stage?	16	Q.	I see.
17	Α.	Yes, or he couldn't send it to the LFEPA for	17		If we look at the fourth box down, in the last
18		consultation.	18		sentence, it says:
19	Q.	If it couldn't be approved at that stage or even be	19		"For FPA [full plans application] meaningful
20		submitted to the LFEPA for consultation, it couldn't be	20		response made to applicant within 10 days from receipt
21		approved at all?	21		of application and noted on Acolaid."
22	Α.	Yeah.	22		Do you see that?
23	Q.	Is that right?	23		Do you agree that that did not happen with the
24	Α.	Yes.	24		Grenfell Tower full plans application?
25	Q.	You also went to site on 29 September 2014, and we can	25	Α.	Correct.
		177			179
1		see that from your note, {RBK00052478/6}, please.	1	Q.	Why is that? Why didn't it happen?
2		Halfway down that page, we can see this date entry, and	2	A.	I was waiting for observations from Paul.
3		the action is described as a "Pre-start visit ", and you	3	Q.	Right. From Paul Hanson?
4		say:	4	A.	Yeah.
5		"Visited site met project manager had brief	5	Q.	Which you then didn't get until
6		discussion about the project. Workmen still presently	6	Α.	Yeah.

7 Q. -- mid-November, or 10 November?

- 8 A. No.
- 9 Q. And that was only on B1.
- 10 A. Yeah.

20

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11 And even then it wasn't enough to pass the application. 0.

12 As I say, "meaningful response" was -- could mean A. 13 a meeting or a request for details. That's how 14 generally it was in our office. 15 Q. Right. You say, "That's how generally it was in our 16 office ". I wonder if that is quite right. 17 Can we look at what John Allen says. Can we go to 18 his first statement which is {RBK00033930/3}, please. 19 On page 3, we go to paragraph 15, and he says:

"As a surveyor the typical process of checking a Building Regulation application would be to sort out the drawings you need to look at, look at each drawing, make a list as you go along, thinking through the building regulations and then usually write a letter suggesting amendments with a commentary which includes reference to

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10		powered lobby ventilation system and the provision of
11		ventilated lobby protection to all stairway connections
12		to residential and other uses."
13		Now, can we take it from that statement that
14		Paul Hanson's view, limited though it was to B1, was
15		that the full plans application could not be approved at
16		that stage?
17	A.	Yes, or he couldn't send it to the LFEPA for
18		consultation.
19	Q.	If it couldn't be approved at that stage or even be
20		submitted to the LFEPA for consultation, it couldn't be
21		approved at all?
22	A.	Yeah.
23	Q.	Is that right?
24	A.	Yes.
25	Q.	You also went to site on 29 September 2014, and we can
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		1//
1		see that from your note, {RBK00052478/6}, please.
2		Halfway down that page, we can see this date entry, and
3		the action is described as a "Pre-start visit ", and you
4		say:
5		"Visited site met project manager had brief
6		discussion about the project. Workmen still presently
7		carrying out demolition works nothing to check at time
8		of visit . Demolition works to go on for at least
9		another month. Also informed the project manager that I
10		had just received up to date details of the works."
11		Was the reference to receiving up-to-date details of
12		the works a reference to Neil Crawford's email of
13		24 September 2014 in which he sent you that zip file
14		full of drawings?
15	Α.	Yes, yes.
16	Q.	Do you remember whether you looked at those drawings
17		before going to site?
18	Α.	No, I don't recall.
19	Q.	Okay.

20 What did this second "brief conversation about the 21 project" involve, do you remember? 22 A. I can't recall it --23 Q. Right. 24 A. -- now. As I say --

25 Q. We then go on in time to the full plans decision, which

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1		the building regulations. For example, one might tell
2		the applicant that they have not provided structural
3		calculations ."
4		Do you agree with that summary?
5	Α.	No, that wasn't the case in our office .
6	Q.	At all?
7	Α.	I believe that's my view.
8	Q.	So let's just go through this in bits, if we can.
9		Would you say that it wasn't a typical process
10		within the RBKC department that you would sort out the
11		drawings you needed to look at?
12	Α.	Well, you would do that, but it wasn't yes, you would
13		do that, but that there was requesting information as
14		well, or having a meeting would be classed to discuss
15		proposals, that would be classed as a meaningful
16		response.
17	Q.	I'm getting the sense from your answers that that was
18		an iterative process a little bit?
19	Α.	Sorry?
20	Q.	You wouldn't do it in one go; you might do it in stages.
21	Α.	Yeah.
22	Q.	Is that right?
23	Α.	Yes.
24	SIR	MARTIN MOORE-BICK: Mr Hoban, would it be fair to
25		understand that Mr Allen here is assuming that you have
		101
		181
1		got a full plans application in front of you with all
2		the plans?
3	A.	Yeah, yeah.
4		MARTIN MOORE-BICK: And then he is describing how
5		typically you would go about processing it?
6	A.	Yes. Yes. Yes.

A. Yes. Yes. Yes. 7 SIR MARTIN MOORE-BICK: If you did have all the plans, would 8 you do it in this way? 9 A. Yes. 10 SIR MARTIN MOORE-BICK: Or would it typically be done in 11 this wav? 12 A. Yes. As I say, that wasn't always the case. 13 SIR MARTIN MOORE-BICK: Ah, well, I understand. 14 A. That's --15 MR MILLETT: So just following up on that, when he says "the 16 typical process" is a process typical when applied to 17 the full plans application. How typical was it that you 18 would have a full plans application to which this 19 process could be applied?

20 (Pause) 21 A. In most cases it would. It would depend on the size of 22 the project, obviously.

- Q. Yes. "In most cases it would", I think is your answer.A. Yes.
- 25 Q. So does that tell us that Grenfell Tower was

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an exception to the norm? A. No. As I say, there were cases where you got little

information.

- 4 Q. Was it your experience that you wouldn't have a fully 5 compliant or a full full plans application, capable of 6 being submitted to this typical process that's described 7 where it was a design and build contract, in your 8 experience? 9 A. Well, the only one I can relate to is the academy and 10 the leisure centre, and I took those over at -- when 11 they were coming out of the ground, and I did a schedule 12 for both when they were coming out of the ground. 13 Schedules hadn't been done prior to them starting. 14 Q. Right. I don't think I've quite got a feeling for where 15 that answer takes me. 16 A. As I say, the full plans applications for those went in 17 and there weren't schedules. I was asked to -- not 18 asked; I was instructed to deal with them and then had 19 a meeting and the process started. 20 Q. So that was a design and build contract, as we know. 21 Α. Yes. 22 Q. So your experience of design and build contracts, it 23 seems, certainly on KALC --
- 24 $\,$ A. Is very limited to those particular projects.
- 25 Q. I see. All right.

1		Do you agree that a part B review of a full plans
2		application for Grenfell should have comprised
3		a detailed scrutiny of the fire safety proposals set out
4		in the plans and documents provided by the applicant?
5	A.	Yes.
6	Q.	And an assessment by you, as the Building Control
7		officer , as to whether there was adequate detail to
8		allow an assessment to be made?
9	A.	Yeah.
10	Q.	And a record of the review noting any variations from
11		recognised guidance?
12	Α.	Well yes. As I say, they had certain information on
13		the plans, but, as I say, as we know, they changed.
14	Q.	Should it have comprised also an assessment of whether
15		the proposal was generally compliant as regards B1 to
16		B5, so as to allow the fire authority to have a proper
17		consultation?
18	Α.	Yeah, as far as I can recall, there was two
19		consultations with the Brigade.
20	Q.	My question is a more general one: should the full plans $% \left({{\left[{{{\left[{{\left[{\left[{\left[{{\left[{{\left[{{$
21		application have given you enough information to allow
22		consultation with the fire authority in relation to
23		compliance with B1 and B5?
24	Α.	Yes.
25	Q.	And should it have comprised enough information so as to

1		allow the issue of a decision notice as a record of the
2		approved or rejected works?
3	A.	Yeah.
4	Q.	Yes, thank you.
5		When you carried out your review, did you use
6		a checklist?
7	A.	Yes, as I mentioned, that sorry, that document that
8		I mentioned checked
9	Q.	The plans checker?
10	A.	Yeah.
11	Q.	I see.
12		Did you record your review anywhere, whether on that
13		plan or in your notebooks or?
14	Α.	As I say, it would have been on the sheet.
15	Q.	Right.
16	А.	And then there would be a list of information.
17	Q.	Now, we've seen the memorandum prepared by Paul Hanson
18		in response to your question, limited though it was to
19		B1. Did you prepare a similar memorandum in respect of
20		B2, 3 and 4?
21	A.	Yes.
22	Q.	You did?
23	Α.	Yes.
24	Q.	In a formal way, in the way we've seen it with him?
25	Α.	No, it would be well, cutting and pasting clauses.

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1	Q.	Right. But did you prepare a formal standalone paper
2		report?
3	Α.	As far as I'm aware, yes.
4	Q.	Do you remember when you did that?
5	Α.	When that application came in, in the was it the
6		September/November time.
7	Q.	Well, it came in on 4 August 2014.
8	Α.	Oh, sorry, did it? Sorry.
9	Q.	Yes.
10		In your second statement, if we can have
11		paragraph 12 at page 4 {RBK00050416/4}, please, the
12		question is:
13		"Following receipt of the application form for the
14		refurbishment works to Grenfell Tower from Studio E
15		dated 5 August 2014 [that should be 4 August], was
16		a decision notice ever issued? If not, why not?"
17		Your answer is:
18		"I do not know if a decision notice was ever issued.
19		"If it was not then I do not know why not.
20		I completed the standard form (From 60) and a schedule $% \left({{\left[{{{K_{{\rm{B}}}}} \right]}_{{\rm{B}}}}} \right)$
21		of conditions and informatives in order for the decision
22		notice to be processed by the Building Control Business
23		Support Team."
24		Now, we know that this was around 18 November 2014
25		because I think you emailed Studio E to say a decision
		186
		100

1		notice would be forwarded shortly. We have that at
2		{SEA00014276/25}. There is no need to bring it up.
3		Can we take it that you had concluded, based on the
4		information provided to you with the full plans
5		application , that the project was likely to comply with
6		the Building Regulations?
7	A.	No, well, there would be conditions, it would be,
8		I don't know, for example
9	Q.	Right.
10	A.	the fire time on the building was two hours, linings
11		shall be in accordance with such and such of the
12		Building Regulations, cavity barriers shall be provided
13		in accordance with section 9, is it? It would be
14		conditions.
15	Q.	Do you remember where you put those conditions, was that
16		into the standard form P60?
17	Α.	It would be attached to that.
18	Q.	Yes, I see.
19		Now, we've just looked at Paul Hanson's view on the
20		B1 proposals, and that was that RBKC couldn't approve
21		them for the reasons he sets out.
22		Can you explain how it was that you were able to
23		pass the full plans application, although with
24		conditions attached?
		T. 111 1 1.

25 A. It would be subject to conditions.

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1	Q.	I see.
2		Now, we've seen some of the information provided
3		with respect to the façade, and we noted zinc for
4		elements of the exterior, but also the absence of any
5		mention even of insulation on the south elevation
6		drawing I showed you.
7		Given that that drawing that you had on
8		24 September 2014 didn't contain sufficient detail about
9		the type of cladding panel or insulation to be used, how
10		could you conclude that the full plans application
11		should pass, albeit with conditions?
12	Α.	We would do that as a general standard. For example, if
13		structural details hadn't been submitted, we would make
14		that a condition.
15	Q.	Right. Do you remember whether you did make the
16		provision of details of the insulation a condition?
17	А.	I can't recall . I would have said that the insulation
18		would be in accordance with have you got could you
19		call up the Building Regulations for me, please?
20	Q.	Right.
21	А.	Is that possible?
22	Q.	Yes, it's CLG well, which part do you want to see?
23	А.	Maybe section 12.
24	Q.	Section 12. I think that's {CLG00000224/95}, from
25		memory. I think I showed you {CLG00000173}. There it

-

1	is . That's one of them.	1		Thank you very much.
2	A. Insulation and cladding systems shall be in accord	2	MF	MILLETT: Mr Chairman, I'm just going to follow that up
3	I can't actually remember the words, but, as I say, as	3		a little more, if I can, with questions I've already got
4	a general it would be, you know, "The cladding system	4		on this point.
5	shall be in compliance with section 12, please provide	5		Can we go to the email to Mr Crawford,
6	further information". I can't actually, as I say,	6		10 November 2014, which is {RBK00033895/2}, I think
7	recall what was	7		we've looked at that before. I just want to show it to
8	Q. No. I mean, cutting to the point, do you agree that you	8		you again. This is what was sent to Neil Crawford, and
9	should either have requested further details of the	9		we've seen that this doesn't mention any lack of
10	façade works, including the specifications for the	10		detailed information on B4. We can take that as read
11	insulation itself, or else rejected the full plans	11		because it only deals with B1 and, I suppose, B5 as
12	application because the applicant had not demonstrated	12		well.
13	that the works complied with B4?	13		Do you know why, at this stage,Neil Crawford was
14	A. That's how it was done in at that time. I understand	14		not told to provide detailed information which would
15	what you're saying, but	15		help you decide whether the design was compliant with
16	Q. Do you agree with me?	16		B4?
17	(Pause)	17	A.	It would have come out in the decision notice.
18	A. In hindsight, yes, but, as I say, we would issue	18	Q.	Right. Let's move on to the decision notice.
19	conditional approval with conditions.	19	A.	
20	Q. Well, let's just go back to	20		up. I've got the memorandum form 53. As I say, it says
21	SIR MARTIN MOORE-BICK: Can I just interrupt you for	21		"This scheme has been sent for consultation ".
22	a moment, Mr Millett?	22	Q.	Yes. Well, in relation to the decision notice itself,
23	MR MILLETT: Yes.	23		that would be done on a form 60 or from a form 60,
24	SIR MARTIN MOORE-BICK: I understand what you are saying	24		wouldn't it?
25	about a conditional approval and so on. What steps	25	A.	Yes.
	189			191
	107			171
1	would you take to make sure that the condition was	1	Q.	As I think you have said.
2	properly satisfied ?	2		Can we just have a look a blank form 60,
3	A. By site inspection and further information coming in.	3		a pro forma, which is {RBK00052487}. I think this is no
4	SIR MARTIN MOORE-BICK: Would you expect the designer to	4		more than what it says there; it 's a full plans decision
5	submit drawings or a specification identifying , for the	5		tick sheet.
6	sake of argument, the insulation?	6	Α.	Yes.
7	A. Yes, I did ask for that, but, as I say, I found out what	7	Q.	Do you see that? There doesn't appear to be any room on
8	they were using on site .	8		there for identifying what the conditions are.
9	SIR MARTIN MOORE-BICK: Ideally you would want to know what	9	Α.	It would be a schedule attached.
10	it was before they started using it .	10	Q.	Oh, I see, right. We can't locate, or rather RBKC
11	A. Well, ideally, yes.	11		I think are themselves unable to locate, the actual
12	SIR MARTIN MOORE-BICK: I'm wondering whether you acquired	12		form 60 for Grenfell Tower.
13	a specification of the relevant material before	13		Do you remember whether you did attach a schedule of
14	A. I don't recall receiving a specification .	14		conditions to the form 60 that you filled out?
15	SIR MARTIN MOORE-BICK: So the condition wasn't really	15	Α.	As far as I'm as far as I can
16	a condition of satisfying you that the material was	16	Q.	Did any of those conditions relate to the façade, do you
17	appropriate; it was a condition of using the appropriate	17		think?
18	material.	18	Α.	Yes.
19	A. Yeah, yes.	19	Q.	Do you remember what they were?
20	SIR MARTIN MOORE-BICK: With the risk, of course, that they	20	Α.	As I say, I can't now, as I say.
21	might not.	21	Q.	Right. Did you record those conditions anywhere other
22	A. Well, as I say, I was looking at what was on site and	22		than on the form 60 itself ?
23				
	then I checked against the BBA certificate .	23		The schedule.
24		24	Q.	Right.
	then I checked against the BBA certificate .		Q.	
24	then I checked against the BBA certificate . SIR MARTIN MOORE-BICK: Yes. Right, thank you, that 's	24	Q.	Right.

1	Q.	We've seen no record at all of any conditions in any	1		I want to examine with you, Mr Hoban, the façade,
2	Q.	documents, either in correspondence or in any documents	2		and in particular the cladding, by which I mean the
3		or in any emails, and we certainly haven't seen any	3		external rainscreen panels, and the insulation, the two
4		emails from you to Neil Crawford showing that conditions	4		major elements of the exterior wall system.
5		were attached, certainly which related to the façade.	5		We have already looked at the initial information
6		Are you quite sure that you did impose conditions?	6		provided with the full plans application. I'm going to
7	٨	I'm as certain as I can be.	7		start now, then, with the NBS specification.
, 8		Right. With that certainty, can you help us with what	, 8		You told us this morning, almost in passing, that
9	Q.	the conditions were	9		you had never seen a copy of the NBS specification for
10	٨	I can't.	10		this project. Is that correct?
11	А. О.	doing the best you can with your recollection?	11	٨	I hadn't I don't believe it was sent to me. I may
12	`	I can't, to be sorry, I would be only guessing.	12	А.	have seen some of it on site when I was visiting, but
13			13		I can't be absolutely certain.
14	Q.	Was it not important to record the conditions elsewhere,	14	0	·
14 15		other than on the P60, so as to make sure that you could	14 15	Q.	Right. So you may have done. Right.
16		check that they were complied with as the project	16		Now, the drawings, do you remember, refer to
10	٨	progressed?	$10 \\ 17$		sections of the NBS specification? What drawings are these, please?
		It would have been important, yes.	18		
18 19	Q.	Did you do that?	10		Well, the drawings that you were sent on 24 September.
	A.	I don't know.			Does it actually say that on the drawings, or
20	Q.	5	20		
21		Once you had filled out the P60 form, what did you	21		Sorry.
22		do with it, do you remember?	22	Q.	Let's see how we go with this.
23		It would go into a basket.	23		Let me try it this way: do you remember seeing
24		A basket?	24		drawings which referred to, for example, H92 in a little
25	Α.	Yes, or a tray	25		ring?
		193			195
1	Q.	Right.	1	A.	Yeah.
2	Α.	for the business support group to process.	2	Q.	You do? All right.
3	Q.	I see. Did you check if it had been issued after you	3		Now, let's then start with the rainscreen cladding
4		put it in this basket?	4		panels.
5	A.	I can't recall.	5		We know from other documents that formal planning
6	Q.	Would you normally follow up to check whether	6		permission was granted eventually,I think,on
7		a conditional P60 pass of a full plans application had	7		30 September 2014 to change the panels from zinc to
8		been issued formally?	8		aluminium composite material or ACM. We know that from
9	А.	Not all the time.	9		the records.
10	Q.	Given that you were responsible for this project, do you	10		At the time, did anybody within RBKC alert you to
11		accept that you should have checked whether the decision	11		that development?
12		notice had actually been issued?	12	A.	Not to my knowledge.
13	A.	Yes.	13	Q.	Right.
14	Q.	Yes.	14		Now, in your second statement at paragraph 25
15	SIR	MARTIN MOORE-BICK: Would a decision notice normally be	15		and, for the transcript, this is $\{RBK00050416/7\}$ you
16		signed or stamped or authenticated?	16		said that you had access to the planning section of
17	А.	No. I think it was just had a normal I believe it	17		Acolaid, but that you can't recall if that access was

- think it was just had a normal 18 had a facsimile of a signature, as far as \ensuremath{I} can recall . 19 MR MILLETT: Mr Chairman, I'm going to turn to a totally 20 different topic -- well, it's a topic which emerges from 21 the last one, I think. I certainly won't finish it 22 tonight, but I can certainly make some headway with it
- 23 in the next 15 or 20 minutes or so, if we may.
- 24 SIR MARTIN MOORE-BICK: Let's see how far we can get.
- 25 MR MILLETT: May we? Thank you. That'd be very good.

that development?
Not to my knowledge.
Right.
Now, in your second statement at paragraph 25
and, for the transcript, this is $\{RBK00050416/7\}$ you
said that you had access to the planning section of
Acolaid, but that you can't recall if that access was
restricted .
Did you ever check Acolaid to see what materials had
been approved for use on the façade?
No.
Why is that?
I generally wouldn't
Right.

25 A. I would only go to planning drawings if I was aware of

18

19

20

21 A. No.

22

23 A.

24

Q.

Q. Why is that?

Right.

1		a contravention and get planning enforcement involved.	1		of the page:
2	Q.		2		" fron
3		project, I mean the professionals involved on it such as	3		the press, ev
4		Studio E or Rydon tell you that the rainscreen	4		public inquir
5		panels, the materials or product, had changed from zinc	5		subject my b
6		to aluminium composite?	6		boarding and
7	A.	That I can't recall, but obviously I found that out at	7		of limited co
8		some stage. I don't know whether I was I know I met	8		of Approved
9		Ben Bailey, because he's the young person that	9		What do
10		I described in my note. Whether he told me it was ACM	10		material"?
11		or somebody else, I can't recall .	11	A.	Making-good
12	Q.		12	Q.	Right. So yo
13		project as Harley's project manager from early	13		this do yo
14		February 2015.	14	Α.	No, I don't.
15	A.	Right.	15	Q.	Right.
16	Q.	The change to aluminium composite panels, ACM, was	16		Was it yo
17		essentially approved at the end of July 2014 and	17		Grenfell Tow
18		formally approved by planning at the end of	18		making-good
19		September 2014, so five months before that.	19	Α.	Correct.
20		My question is : did anyone from Studio E or Rydon	20	Q.	Right.
21		tell you in 2014, either in July or in September or	21		Now, you
22		early October maybe, that the rainscreen had changed	22		"The exte
23		from zinc to ACM?	23		used/fixed di
24	A.	I can't recall.	24		12.5-12.6 B4
25	Q.	Would you expect a contractor or a designer to update	25		When yo
		197			
1		you about changes to the materials to be used	1		cladding did
2	A.	Yes.	2		mean by that
3	Q.	in the façade?	3	A.	That it wasn
4	A.	Yes, I would.	4		from the info
5	Q.	If they hadn't done so, would you keep tabs on the	5		class 0. In
6		project to make sure that you at least could satisfy	6		I'm reporting
7		yourself that no changes had been made, or would you	7		television .
8		just rely on them to tell you, and if they didn't tell	8	Q.	I follow.
9		you, you would assume that it was as per the	9		In your
10		application?	10		that, {RBK0
11	A.	Well, no, I could clearly see when the works was being	11		together at p
12		done that it wasn't zinc, it was ACM.	12		to the questi
13	Q.	Indeed, and we'll come to that, but I'm just interested	13		"Was the
14		to know whether anybody actually just told you at the	14		cladding, ins
15		time that the material had changed.	15		with relevant
16	A.		16		other legisla
17	Q.		17		requirements
18	A.	But obviously the original drawings had zinc on there	18		You say:
19		and I could tell that it wasn't zinc.	19		"Based o
20	0.	Right. You could tell that it wasn't zinc, yes.	20		my understar
21		Did you ever see any drawings that said ACM?	21		cladding has
22	A.	That I can't recall.	22		a result of t
23	Q.	In your second statement, page 13 {RBK00050416/13}, can	23		used was not
24		we just go to that, I want to show you paragraph 38a and	24		Is it you
25		ask you a question about it. You say there, at the top	25		the panels ha
					r more m

n reports shown on television and given in vidence given to the PI [that's the ry, I think] by expert witnesses on the elief is that the Celotex insulation filler material used on the project was not ombustibility as per Appendix A paragraph 9 document B." you mean there by the term " filler filler material. ou don't mean -- just to be very clear about ou, the core of the ACM panel? our view at the time of your work on the ver project that filler material was material as opposed to the core of a panel? go on in that paragraph to say: ernal surfaces of the ACM cladding id not meet with the provisions set out in Approved Document B." u say the external surface of the ACM 199 not meet with those provisions, what do you i't class 0. It was my understanding, and ormation I had at the time, that the ACM was the news they said it wasn't class 0, so g on what was said in the press and on first statement, if we can just go back 0033934/6}, please, I would like us to look paragraph 57, and you say there, in answer ion: exterior of the building (including the sulation, fixings and windows) compliant building regulations, fire regulations, tion , British Standards (including testing s), guidance and industry practice?" n the information I had at the time it was

"Based on the information 1 had at the time it was my understanding that it was compliant. However, the cladding has now been shown not to be complaint as a result of the cladding that was specified would be used was not in fact used."

Is it your evidence that you were never told that the panels had been changed from zinc to ACM?

1	A.	As I say well, I go back to what I said before. I'm
2		not certain of that, but I actually I could see that
3		they weren't zinc. As I say, I saw that on site.
4		Whether I was ever told or I don't recall receiving
5		an email saying that it had been changed.
6	Q.	Right.
7	A.	But it became aware I became aware through my
8		inspections. Whether I, as I say, was told at the time,
9		I can't recall.
10	Q.	Did it not surprise you, when you did first see
11		Reynobond ACM panels on the building, that you hadn't
12		been told at any earlier stage that those panels were
13		going to be on the building, whether by Studio E or by
14		Rydon and whether in a document or plan or drawing?
15	Α.	At the time it didn't surprise me, because things
16		change.
17	Q.	Things change, though, in accordance with the process,
18		and my question is : you hadn't seen anything in the
19		documents to alert you to this change; when you did see
20		it on the building eventually in 2015, did it not
21		surprise you that the external surface had changed from
22		zinc as per the drawings to aluminium as per what was on
23		the building?
24	Α.	As I say, it's not something that comes to mind.
25	Q.	Right.
		201
		201
1	A.	So as I say, things I'll give you an example, if
2		I may, with regards the sports centre. They were going
3		to use a particular type of staircase , and then all of

- 4 a sudden they got a different staircase in.
- 5 Q. Right.

-	٠.	8
6		Let me put it this way: given that you had seen that
7		ACM was on the building, having been told in the
8		drawings and we saw the south elevation $\$ in the
9		September of 2014 that it was going to be zinc, did it
10		not make you wonder what else Studio E or Rydon hadn't
11		told you about the external façade and its make-up?
12	Α.	At the time it didn't register.
13	Q.	Right. Should it have done?
14	A.	In hindsight, yes. What I would say, I'd worked with
15		a lot of the professionals on this project on the other
16		schemes, and I had a confidence in them, you know, the
17		architects and the various other professionals and
18		Exova.
19	Q.	Yes.
20	A.	So I had you know, I'd dealt with them and
21		I considered that they knew what they were doing.
22	Q.	Right.
22		

- 23 Do we take from that answer that, because of your
- 24 experiences with Studio E and Exova on the KALC project,
- 25 you had perhaps a closer working relationship than

- otherwise you might have done?
- 2 A. Yes.

1

- 3 Q. And did that lead you to trust them?
- 4 A. Yes
 - A. Yes.
- 5 Q. Did you know that Studio E had never done an external6 overclad of a high-rise building?
- A. No, I didn't. And in evidence that had come out since,
 it was always my understanding that Exova were fully
 involved in the project. There's a number of emails
 that above Mn Ashtan appied in Nahadu even some back to
- 10 that show Mr Ashton copied in. Nobody ever came back to
- me and said, "Well, we're not using Exova". It wasalways my understanding that there was a team there
- 13 dealing with the project.
- 14 Q. Did you take comfort from the fact that Mr Ashton was
 15 involved in --
- 16 A. Yes, yes.
- 17 Q. -- some way?
- 18 On Studio E, were you a little bit softer on them19 than you otherwise might have been because of your
- 20 relationship?
- 21 A. No, no, but, as I say, I'd worked with them for quite
- $2\,2\,$ a considerable time on the academy, and I considered
- 23 that architects would -- it was reasonable to expect
- 24 that they would know and understand
- 25 Building Regulations.

1	Q.	Was it not your job to hold them to the highest
2		standards of compliance with the Building Regulations,
3		completely independently and ruthlessly?
4	Α.	In hindsight, yes, but I'd worked with them on the other
5		project and, as I say, working with them there,
6		you know, I spent a lot more time because of the
7		dealing with it because I was only dealing with one
8		area. In this particular instance, I'd worked with them
9		over a period of time and it was my understanding that
10		they knew what they were doing.
11	Q.	Now, just before we finish for the day, Mr Hoban, you
12		mentioned a number of times in your evidence that you
13		saw the BBA certificate
14	Α.	Yeah.
15	Q.	for these panels, in other words the Arconic
16	Α.	Yeah.
17	Q.	manufactured Reynobond PE 55
18	Α.	Yeah.
19	Q.	ACM panels. We're going to come to it in due course,
20		I think tomorrow now.
21		Do you remember the circumstances in which you saw
22		that document?
23	Α.	I would have looked it up at some stage.
24	Q.	Were you ever given it by anybody on the project?
25	A.	I don't recall.

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1	O De you know what promoted you to look it up on the	1	
1	Q. Do you know what prompted you to look it up on the project?	1 2	INDEX
2 3		∠ 3	
	A. To check that to see if it was class 0.	4	MR JOHN HOBAN (sworn)
4	Q. Do you know at what stage you did that, do you remember?	4 5	Questions from COUNSEL TO THE INQUIRY2
5 6	A. No, I can't	6	
7	Q. Presumably it was after having seen it on the building?	7	
	A. Yes.		
8	MR MILLETT: Yes.	8	
9	Mr Chairman, as I say, we are mid-topic, but	9	
10	I think, given it 's been a long day	10	
11	SIR MARTIN MOORE-BICK: It sounds as though it might be	11	
12	a good point to break.	12	
13	MR MILLETT: Given that it's 4.30, I think it probably is.	13	
14	SIR MARTIN MOORE-BICK: Yes.	14	
15	Well, Mr Hoban, we're going to break there for the	15	
16	day. I'm afraid I'm going to have to ask you to come	16	
17	back tomorrow for some more questions, but I think you	17	
18	were probably expecting that.	18	
19	THE WITNESS: Yes, I was.	19	
20	SIR MARTIN MOORE-BICK: After you leave the room, please	20	
21	remember not to talk to anyone about your evidence or	21	
22	anything to do with it over the break.	22	
23	THE WITNESS: Yes.	23	
24	SIR MARTIN MOORE-BICK: We will resume at 10 o'clock	24	
25	tomorrow morning, please.	25	
	205		207
1	Thank you very much, would you like to go with the		208
2	usher, please.		200
3	(Pause)		
4	Thank you, 10 o'clock tomorrow.		
5	MR MILLETT: Thank you.		
6	(4.30 pm)		
7	. (The hearing adjourned until 10 am		
8	on Thursday, 1 October 2020)		
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