

ELLIOT LAKE COMMISSION OF INQUIRY

DAY 57

June 07, 2013



Neeson & Associates
COURT REPORTING AND CAPTIONING INC.

141 Adelaide Street West | Suite 1108
Toronto, Ontario M5H 3L5
1.888.525.6666 | Fax: 416.413.0230

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

ELLIOT LAKE COMMISSION OF INQUIRY

--- This is Day 57 the Inquiry proceedings held
before the Honourable Justice P.R. Belangér,
Commissioner, at the White Mountain Academy of the
Arts, 99 Spine Road, Elliot Lake, Ontario, on the
7th, day of June, 2013 commencing at 9:00 a.m.

REPORTED BY: Helen Martineau
Certified Shorthand Reporter

1 A P P E A R A N C E S:
2
3 BRUCE CARR-HARRIS, Esq.,
4 NADIA AUTHIER, Ms., Commission Counsel
5
6 ROBERT MACRAE, Esq., Robert Wood
7
8 JOE BISCEGLIA, Esq., Greg Saunders
9
10 SHAWN RICHARD, Esq.,
11 JEFF BROADBENT, Esq., ELMAC
12
13 LEAH PRICE, Ms., PEO
14
15 DOUG KEARNS, Esq., Retirement Living and
16 NorDev
17 MICHAEL LITTLE, Esq., Eastwood Mall Inc.
18
19 DARRELL KLOEZE, Esq.,
20 KRISTIN SMITH, Esq., Government of Ontario
21
22 PAUL CASSAN, Esq., City of Elliot Lake
23
24 CHUCK MYLES, Mr. SAGE
25

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

I N D E X

WITNESS	PAGE
BOB WOOD, previously sworn	
EXAMINATION-IN-CHIEF BY MR. CARR-HARRIS..	13343-13406
EXAMINATION-IN-CHIEF BY MR. MACRAE.....	13406-13439
CROSS-EXAMINATION BY MR. BROADBENT.....	13439-13445
CROSS-EXAMINATION BY MR. BISCEGLIA.....	13445-13485
CROSS-EXAMINATION BY MR. CASSAN.....	13485-13488
CROSS-EXAMINATION BY MS. PRICE.....	13488-13502
RE-EXAMINATION BY MR. MACRAE.....	13502-13512
RE-EXAMINATION BY MR. CARR-HARRIS.....	13512-13536

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

INDEX OF EXHIBITS

NUMBER	DESCRIPTION	PAGE
NO. 529	CV of Bob Wood.	13406

1 --- Upon commencing at 9:00 a.m.

2 THE COMMISSIONER: Morning,
3 everybody.

4 MR. CARR-HARRIS: Morning, Mr.
5 Commissioner.

6 THE COMMISSIONER: Mr. Carr-Harris,
7 are you ready to proceed this morning.

8 MR. CARR-HARRIS: Yes thank you,
9 Commissioner. Just one preliminary matter. In
10 speaking to Ms. Price she indicated that she would
11 like have to entered as an exhibit one of the
12 documents she referred to yesterday and did not mark
13 it as an exhibit at the time. And it's document
14 number PEO-E000000403. And it's a letter dated
15 November 24th, 2011 to Mr. Saunders from the
16 regulatory Registrar at the PEO.

17 THE COMMISSIONER: Thank you.

18 MS. PRICE: The letter was already an
19 exhibit, it's Ontario Regulation 941.

20 THE COMMISSIONER: Normally we don't
21 make legislation or regulations exhibits.

22 MS. PRICE: Okay.

23 THE COMMISSIONER: I can take
24 judicial notice of them.

25 MS. PRICE: Thanks very much.

1 THE COMMISSIONER: Although I don't
2 know if the concept of judicial notice applies to
3 Commissions of Inquiry, but I think I can probably
4 safely do so.

5 MR. CARR-HARRIS: Yes.

6 THE COMMISSIONER: And call it
7 something else. Go ahead, please.

8 MR. CARR-HARRIS: Thank you.

9 BOB WOOD, having been previously sworn
10 EXAMINATION-IN-CHIEF BY MR. CARR-HARRIS:

11 (CONTINUED)

12 Q. Yesterday when we broke -- I'm
13 sorry, good morning, Mr. Wood.

14 A. Good morning.

15 Q. Yesterday when we broke we were
16 talking about -- you'd said at some point that the
17 leakage within the mall you discovered in your -- in
18 your 2009 report inspection that the leakage tended
19 to be at the mid-span of the beams not at the
20 connections. Do I have that right?

21 A. Most of the places that I was
22 taken to were areas where the fire proofing had
23 fallen off the mid-span of the beam members, that's
24 correct.

25 Q. Okay. So that's -- in other

1 words the answer is yes?

2 A. Yes.

3 Q. If that was true how do you
4 explain why the NORR engineers found so many heavily
5 corroded connections?

6 A. I can't.

7 Q. Okay. And were you aware that in
8 the area --

9 MR. CARR-HARRIS: I wonder, Ms. Kuka,
10 just if you could put up 1876-S4 for me so I can
11 direct Mr. Wood to this question.

12 BY MR. CARR-HARRIS:

13 Q. And the question is whether you
14 were aware of the evidence of the architect,
15 Mr. Hughes, from NORR who indicated that there was
16 an elevated sort of small ridge located in the area
17 -- could you blow up the area of the collapse?
18 Thank you. Running roughly in the middle between
19 the G grid line and the FX grid line running north
20 and south, there was an elevated part of the surface
21 of the parking garage which directed water towards
22 the west and the east were you aware of that?

23 A. I was not then but I am now and
24 it's shown on the architectural drawings when I
25 subsequently reviewed them after the event.

1 Q. And so you'd agree with me that
2 there, for example, the very connection that failed
3 would have received water, in other words water
4 would have been directed in the direction of that
5 scene?

6 A. The architect attempted to direct
7 water in that direction but the deflection of the
8 beam under dead load and live load would have
9 counteracted that topping, so it was not possible
10 for water to drain that way. And in fact in
11 subsequent review of the documents they actually
12 introduced a drain in the -- in that area to take
13 the water that was ponding in this area.

14 Q. Well you mentioned this before
15 the camber but those slabs --

16 A. Deflection, sorry.

17 Q. Yeah. You say deflection. The
18 camber is something that's manufactured into them
19 with the prestressed strands, correct?

20 A. There is camber in the
21 prestressed slabs because of the stressing cables
22 being placed eccentrically in the structure. It's a
23 natural phenomenon when the cable is released it
24 creates that phenomenon.

25 Q. The answer is yes?

1 A. There is no camber fabricated
2 into the structural steel, or there was no camber
3 fabricated into the structural steel.

4 Q. Well we've heard abundant
5 evidence that the 7 strands in the bottom lower part
6 of the precast concrete slabs, you're aware they
7 were there I presume? They cause a camber in the
8 slab in order to take the load.

9 A. That's correct.

10 Q. And so those would be running
11 north and south as well?

12 A. They would be running north and
13 south.

14 Q. Camber is in mid-span of the
15 slab, it would be directing water north and south as
16 well right to the, for example, G16 beam, correct?

17 A. Correct.

18 Q. All right. So why do you say no
19 water could have not got in the connection?

20 A. Because you read there there's
21 the beam on 16 is a W24 by 110, which means it's
22 24 inches deep and weighs 110-pounds a foot. That
23 beam would sag under the dead weight of the
24 concrete, it would sag under live load. And the
25 deflection under dead load is comparable to the

1 topping that the architect -- the slope topping that
2 the architect specified. I'm aware of that now, I
3 was not aware of that at the time.

4 Q. Well -- and you're saying that
5 this deflection of the beam would cause the water to
6 go towards the mid-span?

7 A. Correct.

8 Q. Is that correct?

9 A. But --

10 Q. You haven't accounted for the
11 water that's being directed by both the precast slab
12 and the ridge down the middle towards the western
13 side of that area.

14 A. You are correct in that manner.

15 Q. All right. Now I want to talk
16 about -- just to finish up with the conversation
17 about Mr. Yakimov. Can I take you to what is tab 39
18 in volume 1, Exhibit No. 3504. And you'll be
19 looking at some handwritten notes. And it's our
20 understanding they are Mr. Officer's notes. Chief
21 Officer, you know Chief Officer? The Fire Chief?

22 A. I know Chief Officer. You say
23 these are his notes?

24 Q. That's what we understand.

25 A. Okay.

1 Q. And he writes, "HR Wright he is
2 aware of the structural concern, it is located at
3 the roof of the lobby and left of it."

4 And that's true, you did know that it
5 was a structural concern that was located at the
6 rooftop lobby and to the left of it?

7 A. I was aware Mr. Yakimov had a
8 concern.

9 Q. Yes. And it goes on to say,
10 drawings indicates 3-inch concrete existing is 6
11 inch and Dimitri thinks it is original. And you
12 recall being told that as well?

13 A. No.

14 Q. At the time you were there with
15 Mr. Yakimov?

16 A. I was not told that.

17 Q. It says, "Dimitri also said the
18 core slab movement brought his attention to it. He
19 says lots of movement." That's consistent with what
20 he told you?

21 A. He told me but we physically
22 stood on the area and we saw no movement.

23 Q. And if Mr. Yakimov says
24 differently --

25 A. That's correct.

1 Q. -- you disagree?

2 A. I did not see the movement that
3 -- and in fact as I said, we stood there for 10 to
4 15 minutes after lunch and we couldn't observe any
5 movement.

6 Q. Okay.

7 A. Or lots of movement.

8 Q. All right. And then it goes on
9 to say: "Although Bob Wood of HR this structure is
10 not part of his scope of the work." Did you say
11 that?

12 A. I'm not sure what it's referring
13 to. But anything structural that I heard was part
14 of my work, so I'm not sure what that reference was
15 even about.

16 Q. This is Paul Officer's note. He
17 goes on to say: "His scope is working on our
18 concerns of water damage and loss of fire proofing
19 material and this is to come up with [something] to
20 restore the fireproofing."

21 So he's saying structural is not -- this
22 structural is not part of my scope, and you're there to
23 deal with the water damage and the fire proofing
24 damage.

25 A. As I said, I believe that

1 anything that I was told about the structure was
2 part of my scope since I was reviewing the
3 structural details of the building.

4 Q. So I can take it that you did not
5 therefore say to Mr. Officer that structural is not
6 part of your scope?

7 A. I don't see why I would have.

8 Q. And you would not have excluded
9 Mr. Dimitri Yakimov's concerns because of lack of
10 scope?

11 A. Absolutely not.

12 Q. You dismissed it because you
13 didn't think it was a probable cause?

14 A. Absolutely not.

15 Q. All right. Now would you agree
16 with me that what Mr. Yakimov was talking about, and
17 there was movement of concern to him, that it could
18 well have been related to the condition of the
19 connection in that area? Or connections?

20 A. Connections do not deflect.
21 Connections do not move.

22 Q. Well if the connections are loose
23 the frame will move, correct?

24 A. There is no provision in the
25 connection, like the flexible simple connection that

1 was on this beam that failed for it to move.

2 Q. So you're not answering my
3 question again, you're arguing with me. All I want
4 you to tell me is whether you believe first of all
5 whether the connection, a weakened connection, could
6 result in movement of the structure?

7 A. I do not believe that.

8 Q. All right. Do you agree that
9 connections are not as robust as beams and columns?

10 A. In certain facets they are not as
11 robust.

12 Q. And why do you say that?

13 A. Because of the size of metal
14 within the angle connection.

15 Q. There's less steel to rot?

16 A. There is the -- the angle
17 connections -- I've read the reports, I don't know
18 the actual size of the angles, but I suspect they
19 were 3/8-inch thick angles and those are obviously
20 less than any other component in the structure.

21 Q. And you agree with me then that
22 if there is water and chloride infiltration and
23 corrosion, because of the structure of the
24 connection it will likely deteriorate more rapidly
25 than the beam and column?

1 A. It won't deteriorate more
2 rapidly, but it's -- than anywhere else -- so the
3 answer is no.

4 Q. Well it will become structurally
5 weaker more rapidly than the beam and the column?

6 A. Correct.

7 Q. All right. Can I ask you to look
8 at tab 40 again which is Exhibit No. 102, and in
9 particular picture 6, which you'll find at page
10 0017. And you said yesterday, which is evident from
11 the report, that this is in fact the G16 beam you're
12 looking at right.

13 A. This is a 24-inch wide flange
14 beam on grid line 16.

15 Q. Thank you. And you also told me,
16 did you not, that you couldn't see the connection
17 without moving the fire proofing -- connections I
18 guess?

19 A. Can you repeat that question?

20 Q. On this beam?

21 A. Yes.

22 Q. Given its location you told us
23 yesterday it was one of the worst conditions that
24 you photographed, and I -- and at either end there
25 will be a connection?

1 A. Absolutely.

2 Q. And it was my understanding that
3 you testified that you could not look at those
4 connections -- you couldn't see them visually, you
5 would have to remove the fire proofing in order to
6 see them?

7 A. That's correct.

8 Q. Okay. And in terms of the --
9 this project at the end of it you recommended the
10 replacement of all of the fire proofing that was
11 missing, correct?

12 A. Correct.

13 Q. And it was carried out by a
14 contractor, at your -- under your supervision,
15 correct?

16 A. Correct. It was carried out
17 under our review, correct.

18 Q. And is there any reason why, if
19 you were curious about the connections, you wouldn't
20 attend with the contractor when he's doing this
21 beam, even though the fire proof was in the middle
22 to simply remove the fire proof at the other end,
23 have a look at it and then have him replace the fire
24 proof?

25 A. In hindsight that would have been

1 a very good idea.

2 Q. Never occurred to you at the
3 time?

4 A. No, because the water damage that
5 you can see in that picture was in the mid-span of
6 the beam, and that is what we replaced because the
7 fire proofing had fallen away. But in hindsight it
8 would have been a brilliant suggestion.

9 Q. And in terms of the -- looking at
10 the beam given the fact that we've agreed that the
11 connection is of a lighter structure, wouldn't it
12 have been a good idea to have a look at that
13 considering what you were seeing visually --

14 A. Again in hindsight, knowing what
15 I know now, it would have been a brilliant idea.

16 Q. Okay. Now I just want to take
17 you briefly to the PEO disciplinary proceedings,
18 we've heard obviously some from Mr. Saunders but I
19 want to go through from your perspective. What I'll
20 do is summarize as much of it as I can and you can
21 agree or not agree.

22 But the dispute, as I have understood
23 it, was, amongst other allegation of mistakes and
24 errors and so on, at the heart of it was the fact that
25 MNR regarded this bridge project as on public land, or

1 at least on land it could regulate, and you did not.
2 You regarded it as private property not subject to the
3 regulation of the MNR?

4 A. I did not just regard it as that
5 it was factually that.

6 Q. And that was your position and
7 therefore because it was not regulated by the MNR
8 you didn't need a building permit, correct?

9 A. It wasn't a building.

10 Q. Okay. Well let's --

11 A. We submitted drawings to the MNR
12 because we were planning to build an ice bridge to
13 work off to construct -- to do the repairs to the
14 bridge structure. We submitted it to the local -- I
15 instructed my client to submit it to the local MNR
16 district office in case we needed a work permit to
17 work in the water or on the ice as it would have
18 been.

19 We knew we did not need approval of the
20 MNR because it was not regulated by their Crown
21 management guidelines. The only regulatory body on the
22 bridge was the Ministry of Labour. It was a workplace.
23 That is the basic story.

24 Q. All right. And apart from your
25 own opinion I think you canvassed whether it fell

1 within the public or private realm and you canvassed
2 Mr. Tulloch's firm, and he gave you an opinion that
3 he couldn't say that on his part. He couldn't agree
4 with you, is that correct?

5 A. There was a land's issue that we
6 asked Mr. Tulloch to review as to whether the Crown
7 owned the river bed.

8 Q. Which is what they stake their
9 claim on, the riparian rights and the fact that it
10 was a public waterway or it was a waterway running
11 underneath the bridge?

12 A. The Ministry had no riparian
13 rights.

14 Q. I don't want to reargue it
15 because it's over and done, but I'm just trying to
16 get a sense of what it was. And I think we agree
17 essentially on what the issues were as you've
18 described at the time, okay?

19 A. Correct.

20 Q. And if we can go to tab 32 in
21 volume 1 we'll get to the decision. And that's
22 Exhibit No. 5214.

23 A. Tab 2?

24 Q. Tab 32.

25 A. 32, sorry.

1 Q. And the results are set out on
2 the beginning on page 5. Apparently there had been
3 several days of hearing up to this point. And we're
4 turned plea of the members. And you and
5 Mr. Saunders pleaded guilty, or at least pleaded and
6 presented a plea agreement that had an agreement as
7 to penalty as well as which particulars you were
8 admitting to, and that's set out on those pages 5
9 and 6, correct?

10 A. Correct.

11 Q. And the case proceeded that far
12 until you were being cross-examined, according to
13 this, it says on page 5, are you looking at it?
14 Under plea of members and the holder. And it says:

15 "In the course of the
16 cross-examination of Wood, the
17 parties presented a plea agreement
18 that included an agreement as to
19 penalty."

20 Is that true?

21 A. That's correct.

22 Q. And:

23 "Wood, Saunders and MRW changed their
24 pleas and admitted to the allegations
25 set out in the following paragraphs

1 in the Allegation section above:"

2 And they are set out there. And as a
3 result of that, as I have it, can you just tell us what
4 the penalty was in your own case, what was involved?

5 A. I was -- well the company was
6 given a \$10,000 fine. I was given a two-month
7 suspension at the -- that the -- at the rendering of
8 the decision. I was given 12 months to take the
9 Professional Practice Exam, and I was given 12
10 months to take two structural courses -- or Advanced
11 Structural Design of Concrete Steel and Prestressed
12 Concrete, V1 and V2, which turned out subsequently
13 to be B1 and B2.

14 Q. Okay.

15 A. It shows that my professional
16 body is also subject to errors similar to myself.

17 Q. All right. And just to follow
18 through the timing in terms of your license you
19 didn't take any of those tests we were told?

20 A. I did not.

21 Q. And as a consequence effective
22 November 16, 2011 you were no -- you didn't practice
23 as a P.Eng. after that?

24 A. I basically retired from
25 professional practice.

1 Q. And you carried on some work I
2 think with MRW as -- in the capacity effectively of
3 a graduate engineer?

4 A. That's correct.

5 Q. All right. And you made the plea
6 and you agreed to it, according to the paper. Did
7 you change your mind about the fact of your
8 liability? Why did you do that?

9 A. Sorry, I don't understand the
10 question.

11 Q. Why did you change your plea from
12 contesting the allegations to pleading to most of
13 them?

14 A. We'd spent four or five days in
15 Toronto. We realized we were -- had our back
16 against the wall and we decided to go home and work.

17 Q. Okay. And you understood the
18 implications of your plea when you did it?

19 A. Absolutely.

20 Q. And the result of all of that was
21 after November 16th, 2011 if you had an engineering
22 report or a report containing engineering advice you
23 needed a P.Eng. to sign off with you in the report,
24 is that correct?

25 A. I needed a P.Eng. to review what

1 I had done and to ultimately sign off on it.

2 Q. Of course. But ultimately sign
3 off. Okay. And can I take you to tab 81 of volume
4 2, which is Exhibit No. 5237. And this is a --
5 you're looking at a letter of August 31, 2011, it's
6 some two and a half months away from the first
7 deadline for the testing, to complete the testing.
8 And can you tell us why you sent this letter?

9 A. I'd been a professional engineer
10 in the Province for 38 years and 10 months and I
11 wished to complete 40 years of service to the
12 Province.

13 Q. And I don't see that anywhere in
14 the letter, but that was the motive behind it I take
15 it?

16 A. Correct.

17 Q. And were you not concerned that
18 this might irritate the PEO rather than assist you
19 in extending your time?

20 A. No.

21 Q. No. And it does, although you've
22 just told us that you recognize the implications of
23 your plea, it does, if you like, threaten legal
24 proceeds for a number of errors in the report, in
25 the decision. Did you actually at that time believe

1 these errors you say they were made, or were they
2 intended to be for the purpose of getting them to
3 give you more time?

4 A. I had given evidence for 12 hours
5 on the stand as to the various Codes that I had
6 followed and the various work that I had done on the
7 bridge and it was not listened to. I subsequently
8 had to make a plea that counteracted everything I
9 had said on the stand. I found that a little bit of
10 a problem.

11 Q. Yeah.

12 A. So I decided to write this
13 letter.

14 Q. Did you still -- in other words
15 you still felt you were right?

16 A. I was right.

17 Q. But nobody agreed with you?

18 A. That's correct.

19 Q. And I take you to tab 85. And
20 sorry, Exhibit No. 5241. It is a letter from the
21 PEO of November 16, 2011. It says, "this is to
22 inform you," do you have that?

23 A. Yes.

24 Q. "This is to inform you that as a
25 result of the Discipline Committee

1 penalty order against you, and the
2 fact that you have written and passed
3 neither of two required technical
4 examinations nor the PPE, your licence
5 to practice professional engineering
6 in Ontario is suspended. As per the
7 penalty order, the suspension shall
8 remain in place until either the
9 required examinations are written and
10 passed or until 24 months from the
11 date of the hearing, at which time if
12 the examinations are still not
13 written and passed, your licence
14 shall be revoked."

15 Is that the first time you ever got a
16 letter like that?

17 A. Yes.

18 Q. And then it says: "Due to the
19 fact that your license is suspended, the PEO
20 requests that you return your seal and licence to
21 the PEO to my attention." And I take it you did
22 that?

23 A. I did.

24 Q. And then if you go over to tab
25 86, Exhibit No. 5242, this one is addressed to

1 Mr. Saunders, and from the PEO. It says:

2 "I am writing to you as you are
3 the contact professional identified
4 under M.R. Wright and Associates, Co.
5 Ltd.'s Certificate of Authorization.
6 As Robert G.H. Wood is listed as an
7 employee of M.R. Wright and
8 Associates Co. Ltd., this is to
9 inform you that Mr. Wood's license to
10 practice professional engineering in
11 Ontario has been suspended effective
12 November 16, 2011."

13 And then I gather that ultimately as of
14 November 16th, 2011 you ceased to be a practicing
15 professional engineer?

16 A. That's correct.

17 Q. Thank you. Now I'd like to take
18 you to May 3rd report. In volume 2 if you'd go to
19 tab 89 Exhibit No. 5244. This is a work request and
20 your standard form for opening a new matter?

21 A. Correct.

22 Q. And it's dated April, what date
23 is that April 4th?

24 A. April 4th.

25 Q. April 4th, 2012. And am I

1 correct this is the work request to open the file
2 for the May 3rd, 2012 report?

3 A. That's correct.

4 Q. Can you tell me who contacted you
5 and how you got that retainer?

6 A. Bob Nazarian called me.

7 Q. Okay.

8 A. And he had I think Levon on
9 speaker phone.

10 Q. And what was said in your initial
11 conversation?

12 A. They indicated that they were
13 refinancing and would -- wanted -- since I was
14 familiar and had looked at the areas of concern
15 previously in 2009 would we come and do a follow-up
16 inspection of those areas?

17 Q. And did they want you to do the
18 same areas that you did the last time?

19 A. They wanted a structural report
20 on the -- on specifically those areas, and they also
21 wanted a mechanical and electrical review.

22 Q. And -- now this is now three
23 years after your 2009 report, roughly?

24 A. Correct.

25 Q. Which is I understand they wanted

1 you to update, that's the way they put it. And
2 between then and now when you started the report for
3 May 3rd, 2012, did you know any more about the
4 history of the mall at that point.

5 A. I'd been in the mall quite
6 extensively with the fire safety audit of the hotel.

7 Q. Hmm hmm.

8 A. We'd completed the Services
9 Canada building. And we'd been in and out of the
10 mall --

11 Q. A lot?

12 A. A few times.

13 Q. And so in that time what did you
14 learn? Did you learn any more about the history of
15 the roof leakage?

16 A. No.

17 Q. And did you learn any more about
18 the damage it's caused to the building?

19 A. No.

20 Q. So you were basically, in terms
21 of what you were doing in updating the mall in 2009,
22 you were operating on the basis that it was -- on
23 the basis of the information you had then and no
24 more?

25 A. I was specifically working in the

1 area of the hotel. And in -- and the Services
2 Canada area which is underneath the hotel.

3 Q. Okay. So you knew nothing new by
4 the time you got there?

5 A. No.

6 Q. Okay. And you attended, we
7 understand, on a site inspection on April 12, 2012.
8 And I think the notes for that are at tab 91 of
9 volume 2. That is Exhibit No. 139 and it's the last
10 two pages. I'm told it's Exhibit No. 5007, I'm
11 sorry. I was wrong. Yes, thank you. And can you
12 read that on your monitor?

13 A. I can read it in front of me.

14 Q. All right. Is that your
15 handwriting?

16 A. That's correct.

17 Q. And those were notes you took at
18 the time?

19 A. No, those are a summary of the
20 notes that I took at the time.

21 Q. And where are the notes that you
22 took at the time?

23 A. They were probably thrown out
24 because my notes are -- I summarize the notes in a
25 format that is more presentable.

1 Q. Okay.

2 A. Even though it's kept in the
3 file.

4 Q. And if you look at the inspection
5 it says you arrived around 9:00 a.m, arrived at
6 9:00 a.m. at the mall?

7 A. That's correct.

8 Q. And then you left at 2:00 p.m.?

9 A. 2:30 I think it says.

10 Q. Oh is it -- mine says 2:00.

11 A. We went through that earlier.

12 Q. That's right. So it was actually
13 2:30?

14 A. That's correct.

15 Q. Okay. And during that time, I
16 gather from our discussion yesterday, when you
17 arrived the first thing you did was look at the --
18 did you look at the drawings?

19 A. Well the first thing I did -- I
20 was arranged to meet Rhonda Bear, the new manager,
21 and she was not there.

22 Q. Okay.

23 A. I met with the new secretary or
24 the secretary, I don't know who she was. She said,
25 Wait until I get a maintenance guy to show you

1 around. In the meantime there was a table in their
2 new office area that had all the plans, that they
3 were rolled up drawing -- there was rolled-up
4 drawings of all sorts of things and I spent my time
5 looking at those.

6 Q. And at some point in time you
7 went out and did your inspection?

8 A. At some time -- I've got Terry
9 Neave, there I think his name is Neave with a V.
10 N-E-A-V-E.

11 Q. Yes, I see his name in here I
12 think.

13 A. He was the maintenance person
14 that took me around to show me the state of the --

15 Q. And had you seen him before at
16 the mall?

17 A. No.

18 Q. So he took you around to the
19 places that basically you had seen before?

20 A. He took me around to the places
21 that were a concern at that time. And to the -- and
22 I went to some of the places that I'd been to
23 before.

24 Q. And they were still a concern
25 from a leakage perspective I take it?

1 A. Zellers was.

2 Q. And what about the upper mall?

3 A. I didn't record any real major
4 concerns in the previous areas that I looked at. In
5 fact other than the fact that I noted that ceiling
6 tiles were missing in the food court area.

7 Q. All right. And you did see --
8 you did see with the umbrellas hung below the tiles
9 that was in Zellers I take it?

10 A. That's correct.

11 Q. The -- and so, just to go through
12 this, you -- this report contains both your
13 electrical and mechanical inspection as well as your
14 structural, correct?

15 A. And in fact I did the
16 electrical-mechanical first because I was not that
17 familiar with the -- I was familiar with quite a bit
18 of the mechanical, I had not looked at the
19 electrical before.

20 Q. Okay. And so your note
21 concerning the structural it looks to me like it
22 starts on the second page. Am I right?

23 A. That's correct.

24 Q. And does it start with the --
25 about half way down with the words "parking deck"?

1 A. Correct.

2 Q. And can you just read it for us?

3 A. Parking deck leakage appeaser
4 ongoing. Parking -- parking deck leakage appears
5 ongoing. Maintenance notes that material on site
6 and repairs and coating to start. I believe they
7 had material to repair the --

8 Q. I seed just like you to read it
9 and you can explain it.

10 A. Okay.

11 "...top surface of deck apparent
12 positive camber between caulked grid
13 lines. Took pictures of Zellers beam
14 and deck in Zellers rusted steel
15 painted exposed in receiving multi
16 water capture systems in under
17 ceiling. Obvious areas of leakage at
18 drains expansion joint. Picture of
19 surface rusted steel from above
20 ceiling tile."

21 THE COMMISSIONER: Just hold on, have
22 you switched?

23 THE WITNESS: Okay.

24 "Picture of surface rusted steel from
25 above ceiling tile. Looks much like

1 last inspection 2009. Walked into
2 mall at escalator food court.

3 Ceiling missing many tile T grid."

4 It should say in T-grid.

5 BY MR. CARR-HARRIS:

6 Q. Go ahead.

7 A. "Maintenance could not explain.
8 Can see underside slab covered with
9 insulation, beams with fire proofing.
10 No visual concerns noted.
11 Maintenance indicated minimum leakage
12 in Bargain Shop and Dollar Store.
13 Walked store odd missing tile. Could
14 see fireproofing and slabs covered.
15 Later walked service corridor to
16 where no ceiling. Fireproofing
17 previously repaired 2009 looks fine.
18 Walked hotel stairwells no signs of
19 problems. Did not ask to see rooms.
20 Walked complete exterior walkways.
21 Painted steel rust spots. Rust at
22 base of diagonals at concrete deck.
23 No visual distress in areas that
24 could be visually inspected and shown
25 by maintenance. Left site 2:30."

1 On mine.

2 Q. Okay. Now just -- can we just go
3 back and ask you some questions about it? The --
4 you note that the parking deck appears to -- parking
5 deck leakage appears ongoing maintenance. And so
6 did you -- were you on the roof?

7 A. Yes.

8 Q. Okay.

9 A. I parked on the roof.

10 Q. And you say "multi" down on the
11 bottom of the first page.

12 MR. CARR-HARRIS: Go back one please,
13 Ms. Kuka.

14 THE WITNESS: That's the first page.

15 MR. CARR-HARRIS: Sorry, I need the
16 second page, Ms. Kuka.

17 BY MR. CARR-HARRIS:

18 Q. Sorry, yeah. There it is second
19 line from the bottom. "Multi water capture system
20 in under ceiling." We know we saw a picture of
21 those but there were obviously many others you're
22 telling us?

23 A. No, there were the two or three
24 in the area that I had not seen them there before.

25 Q. So you called that "multi"?

1 A. Well there were others above the
2 ceiling.

3 Q. Oh, of course. And that was the
4 way it was in 2009 I gather?

5 A. Correct.

6 Q. And then after -- for this study
7 it appears that they've now dropped it below the
8 ceiling?

9 A. Well they've added to it.

10 Q. Which would imply that the
11 leakage is worse in there than it was at the
12 original time?

13 A. Correct, at that time.

14 Q. Yeah. And you were going to
15 explain to us what T-grid meant?

16 A. It's -- if you look at the
17 ceiling above your head there is a 2x4 ceiling tiles
18 and they sit in a T-grid. You only see the
19 upsidedown part of the top of the T when you look at
20 the ceiling.

21 Q. So when you say, "missing many
22 tile T grid" you mean the actual grid itself is
23 missing?

24 A. The tiles are missing, the 2x4
25 panels that sit in the T-grid were missing.

1 Q. You're talking about the ceiling
2 tiles are missing?

3 A. Correct.

4 Q. All right. And then down at the
5 bottom of -- sorry, next page. Down at the bottom
6 you say, "walked concrete exterior walkways painted
7 steel rust." Had they painted the con -- the steel
8 outside at this point?

9 A. It was black painted from my
10 recollection.

11 Q. And was that the condition of it
12 when you were there the last time?

13 A. The question was --

14 Q. Painted steel rust was painted
15 here you say and that's what the note says?

16 A. Correct.

17 Q. What colour was it?

18 A. I believe it was black.

19 Q. And you were there in 2009 was it
20 painted then?

21 A. In 2009 it wasn't one of the
22 areas I was directed to.

23 Q. Well it's was the exterior
24 walkways?

25 A. That's right.

1 Q. You went through the exterior
2 walkways in 2009 did you not?

3 A. I would have walked them but I
4 didn't note anything.

5 Q. Okay. And you note that it's
6 been painted steel rust, is that a good thing or a
7 bad thing?

8 A. The painted steel is a good
9 thing.

10 Q. And were you concerned that it
11 may be disguising the condition of the steel?

12 A. No, I thought it was original
13 paint.

14 Q. Did you check it to see if it was
15 original paint?

16 A. No.

17 Q. And then you say, "No visual
18 distress in any areas that could and visually
19 inspected and shown by maintenance." So I put it to
20 you that that's a pretty sparse inspection note of a
21 building of this size. It's a little lacking in
22 details and locations and so on?

23 A. I disagree.

24 Q. This is your standard practice?

25 A. This is what I would do for a

1 visual walk-through and look at a structure that I
2 had no real structural concerns over.

3 Q. You had no -- when you arrived
4 you had no real structural concerns about the
5 building?

6 A. No.

7 Q. Even though it was three years
8 later you weren't concerned that there may be
9 something that had appeared that you missed the
10 first time?

11 A. No.

12 Q. Now can I take you to the report
13 at -- tab 98 of volume 2, Exhibit No. 110. Thank
14 you. Actually it's --

15 A. Not 98?

16 Q. It's tab 98, Exhibit 110. And I
17 understand that this is the report that Mr. Saunders
18 had to sign?

19 A. That is correct.

20 Q. And there were -- if you go to --
21 well there's the one page so let me just take you
22 through it. In the first paragraph, you have it in
23 front of you, after the opening paragraph you said
24 that you -- you say:

25 "the complex was constructed in

1 1980 and has therefore been occupied
2 for 32 years. The building footprint
3 is 140,000 square feet. The mall was
4 designed by James W. Keywan
5 architect, structural design by Beta
6 Engineering."

7 And then it says: "We have always been
8 of the opinion that the complex was designed and
9 constructed to the sealed design documents."

10 So again this is the point you made
11 yesterday with the other report that you were -- drew
12 great confidence from the fact that the original design
13 was appropriate?

14 A. Correct.

15 Q. Then you say: "Our inspection
16 revealed," and this is in fact the going inspection
17 report.

18 "Our inspection revealed evidence
19 of rusting on the structural steel
20 members in areas where the parking
21 deck is leaking as shown in Pictures
22 1 through 10. The area of open
23 walkways shown in Pictures 11 through
24 15 also have areas with surface rust.

25 All beams inspected has little

1 loss of section and we would consider
2 the members still structurally
3 sound."

4 You don't say how many members you
5 inspected?

6 A. Correct.

7 Q. Nor do you say where they were on
8 the drawings?

9 A. No, I didn't produce a drawing.

10 Q. Well there were drawings there?

11 A. Correct.

12 Q. On that day that you could
13 identify the location, correct?

14 A. Correct.

15 Q. And then you say:

16 "The ongoing leakage from the parking
17 deck is of particular concern in the
18 areas of Zellers, and the expansion
19 joint located along the south wall of
20 the Algo Inn, over the municipal
21 library. As per pictures 5 and 6, we
22 noted vehicular impact on wall siding
23 if this area, that may also have
24 added to the problem.

25 We understand that the mall is

1 conducting further waterproofing
2 maintenance work on the parking deck
3 this spring. The upper surface
4 waterproofing is considered only a
5 temporary solution. A permanent
6 repair needs to be budgeted for to
7 suitably protect the structure."

8 There is no urgency to that in your
9 statement, Mr. Wood. Did you intend any urgency to
10 fixing it?

11 A. I intended -- I would have
12 intended some urgency but I omitted that
13 unfortunately.

14 Q. Then it says:

15 "It is our opinion that the
16 observed rusting at this time has not
17 detrimentally changed the load
18 carrying capacities of the structure,
19 and no visual signs of structural
20 distress were observed."

21 And again no detail as to where you --
22 what you looked at to come to that conclusion is
23 contained in the report, correct?

24 A. Correct.

25 Q. So in summary the report says

1 that all beams inspected are still structurally
2 sound, that was your conclusion?

3 A. I didn't see any reason to not
4 believe that fact.

5 Q. The answer is yes, that was your
6 conclusion?

7 A. Yes.

8 Q. And you said there was no loss of
9 section, and again you eye-balled it, there were no
10 specific measurements taken?

11 A. I didn't see any indication that
12 there was loss of section. The answer is yes.

13 Q. And you eye-balled it?

14 A. Yes.

15 Q. You did not take any --

16 A. Yes.

17 Q. Thank you. And then you said
18 that the rusting on the steel was not detrimental to
19 the load carrying capacity of the structure, that
20 was your other conclusion?

21 A. Yes.

22 Q. And in short everything was okay
23 with the building?

24 A. No, it needed a permanent roof.

25 Q. Well you mention that it needed a

1 permanent repair to the roof?

2 A. Correct.

3 Q. From a structural perspective in
4 the steel everything was fine?

5 A. From what I saw that was correct.

6 Q. But we know it wasn't fine --

7 A. We do now.

8 Q. -- don't we because two and a
9 half months later part of it fell?

10 A. Correct.

11 Q. So what we do know now is that
12 the problem, serious problem was there to be seen
13 but you didn't see it?

14 A. It was covered up.

15 Q. All right. And you didn't make
16 any effort to uncover it?

17 A. I didn't see a need to.

18 Q. And why would you do a visual?
19 You'd already been in the building once doing an
20 inspection. Here they were calling you back again
21 for another structural. Why would you confine it to
22 a visual inspection?

23 A. I didn't see anything that gave
24 me cause to advance it to the next level.

25 Q. What is a visual inspection for

1 you?

2 A. You visually look at and visually
3 touch or -- sorry, and touch areas that you visually
4 see as being problematic.

5 Q. All right. And the -- does it --
6 in your version of the visual inspection does it
7 allow for opening of drywall?

8 A. No.

9 Q. And does it allow for removing
10 fire proofing material?

11 A. No.

12 Q. And when you heard the testimony
13 I'm sure of the NORR group and they said that
14 removing the drywall to have a look is not a -- not
15 regarded as anything -- as a destructive testing
16 method, it's simply part of a visual. Did you hear
17 that evidence?

18 A. It would have aided a visual
19 inspection, but I didn't have authority to remove
20 drywall or to remove fire proofing, nor did it
21 consider it a necessary item since areas had already
22 been removed in 2009 and I had observed those areas.

23 Q. But you had seen really very
24 little of the structure in the sense that you've --
25 it's hard to tell just how many you actually looked

1 at in any of your reports, but you looked primarily
2 at beams?

3 A. Correct.

4 Q. And you did not look at all at
5 connections.

6 A. I saw connections but they were
7 not -- the connections were not in the areas where
8 it was exposed and distressed, where the fire
9 proofing had been distressed.

10 Q. And you -- would you agree with
11 me that the structure, the steel structure includes
12 beams, columns and connections? Three elements.

13 A. That's a structure.

14 Q. Correct. You agree with me --

15 A. That is a steel structure.

16 Q. So in order to do a structural
17 assessment you have to look at all three of those
18 elements, correct do you agree?

19 A. In order to do a detailed
20 structural inspection, correct. But to do a visual
21 inspection, which I was doing, to visually inspect
22 the areas of leakage. Those areas of leakage
23 happened not to be in the areas of connections for
24 the most part.

25 Q. And the leaky areas in fact did

1 because grid 16, G16, the connection attached to
2 that very leaky area, which you identified as such,
3 that connection was when you were there, two and a
4 half months before the collapse, severely corroded.
5 If you'd pulled back the fire proof you agree with
6 me you would have seen it?

7 A. Absolutely.

8 Q. And you didn't do that. And you
9 didn't do that in any of the places that -- where
10 leakage existed. And the connection was there and
11 you didn't look at it to see its condition?

12 A. I didn't pull back insulation or
13 remove insulation because it was a fire proofing
14 requirement. I only looked at areas where the fire
15 proofs had fallen away because of leakage.

16 Q. And you think that the client --
17 if you told the client that you wanted to see, for
18 example, a G16 connection, that you wanted to remove
19 the fire proof, you think they would have told
20 you -- because you felt you should have looked at it
21 given the water in that area, do you think they
22 would have said no?

23 A. If I had decided to look at all
24 connections I would have had to have pulled away
25 fire proofing in about 2,000 locations within the

1 building.

2 Q. Nobody's suggesting that.

3 A. No, I wouldn't suggest that and I
4 don't think you would.

5 Q. Nobody suggested that. And I
6 think if you watched the NORR evidence they didn't
7 do anything like that. But in their evidence, as I
8 recall it, over 60% of the number of places they
9 spot checked were either of medium or severe
10 corrosion. Over 60%. So that's --

11 A. I don't think there was 60% loss
12 of section.

13 Q. No, no, I'm not talking about
14 loss of section I'm talking about corrosion.

15 A. Corrosion. As I'm sure you've
16 been explained that corrosion or rusting of steel is
17 evident in all buildings. It was evident at the
18 time that the building was built. It was reported
19 by Trow in their initial inspection reports in 1979.
20 So rust or corrosion, as you call it, is prevalent
21 in all steel buildings.

22 Q. But you're not responding to my
23 question. The evidence from NORR, when they
24 actually did what should have been done, they found
25 that over 60% of the connections that they looked at

1 were either a medium corrosion level, or poor, or
2 critical which means there was a lot of them out
3 there?

4 A. Severe.

5 Q. Severe.

6 A. Okay.

7 Q. So that's a large percentage.

8 You wouldn't have to do too big a survey to run into
9 some of those would you have?

10 A. I agree.

11 Q. Now after Mr. Saunders signed
12 this report I gather you made some changes to it?

13 A. I was asked to make some changes
14 to it.

15 Q. And who asked you to?

16 A. I believe the initial request
17 came -- the telephone conversation from Rhonda Bear.

18 Q. Okay. And can you tell us what
19 she said?

20 A. She said that Mr. Nazarian was
21 unhappy with the picture that showed the yellow
22 tarps hanging in Zellers and that it didn't relate
23 to any structural issues. She also indicated that
24 they were doing waterproofing, or they'd just
25 started their waterproofing and they would be

1 removing those tarps immediately since they were an
2 eyesore.

3 Q. And so as a result of that you
4 took the picture, this is -- let me see what she's
5 talking about. We're at tab 98, Exhibit No. 110.

6 A. Yes. I was asked to remove
7 picture 7.

8 Q. Picture 7. And you did that?

9 A. Which shows a whole line of tarps
10 along the center of Zellers.

11 Q. It's called the leakage
12 collection system?

13 A. Yes.

14 Q. So that picture was removed?

15 A. Yes.

16 Q. And then also subsequently
17 picture 8 was removed we understand?

18 A. Subsequently I received an e-mail
19 through my secretary to -- that Mr. Nazarian wanted
20 picture 8 also removed from the initial report.

21 Q. Okay. And can I show you that if
22 you go to --

23 A. That's the picture below the tarp
24 picture.

25 Q. So those two, after Mr. Saunders

1 signed it, those two were removed as a result of
2 these conversations?

3 A. No, two separate instances.

4 Q. And if you go to tab 111, which
5 is Exhibit No. 850 -- Exhibit No. 858. And start at
6 -- could you take us the page 3324. And I believe
7 this is the e-mail chain that led to the remove of
8 picture 7, which is in fact the photo of the rusted
9 beam. So if you're on page 3324.

10 A. Picture 8 became picture 7
11 because picture 7 had been removed in the first
12 change.

13 Q. I got you. So it says:

14 "Hello Bob, Mr. Nazarian is
15 inquiring about the photo of the
16 rusted beam in Pic. 7 and would like
17 to have the photo removed from the
18 report. Would you please revise and
19 send back?"

20 And your secretary responds to Ms. Bear the next --
21 shortly thereafter at the bottom of page 3323 she
22 says:

23 "Hi Rhonda, I'm sorry I cannot do
24 that without Bob and he is on
25 vacation now until May 24th. I have

1 left him a voicemail and hopefully he
2 will get back to me before that."

3 And then at the top of that same page a
4 short time thereafter, a few hours Ms. Patrick
5 responds. "Rhonda, I got a hold of Bob and here with
6 the revised report plus revised pics" So that's what
7 you were referring to?

8 A. Correct.

9 Q. As to how the beam -- rusted beam
10 was dealt with.

11 And I believe if you go to tab 110
12 which, is Exhibit No. 5259 -- I'm sorry, 5251. Very
13 briefly this is in a little earlier in May 9th, please
14 -- this is to Bob Nazarian from Ms. Bear. "Please find
15 revised report from Bob Wood, 'Particular Concern'
16 removed." So that takes us to the text.

17 And if you go back to the report of
18 May 3, 2012, and if we deal with the text on that page
19 it says in the third paragraph from the bottom. This
20 is the one Mr. Saunders signed. It says:

21 "All beams inspected had little
22 loss of section and we would consider
23 the members still structurally sound.
24 The ongoing leakage from the parking
25 deck is still a concern in the areas

1 of Zellers, and the expansion joint
2 along the south wall of the Algo Inn,
3 over the municipal library."

4 And then it goes on about the pictures
5 that are referred to, some that are referred to.

6 Then if you compare that sentence I just
7 read to you to what is at tab -- Exhibit No. 796 and
8 it's at tab 97. And I understand this is a report that
9 you sent as well to the client?

10 A. Yes, I believe it is.

11 Q. And if you go down the same
12 paragraph, three up from the bottom it says:

13 "All beams inspected had little
14 loss of section and we would consider
15 the members still structurally sound.
16 The leakage..."

17 And the word "ongoing" is missing from in front of
18 "leakage". And in fact "ongoing" is a word that you
19 had in your inspection notes, it was described as
20 "ongoing leakage". But here the "ongoing" has been
21 removed. And it goes on: "The leakage through the
22 parking deck has caused surface rusting of the
23 structural steel in the areas..."

24 So basically the words "ongoing" and
25 "particular concern" are removed from the report. And

1 again these were at Mr. Nazarian's request?

2 A. Yes.

3 Q. And did you discuss those changes
4 with Mr. Saunders at any time?

5 A. No.

6 Q. And do you know what he learned
7 of the fact that you had changed the report?

8 A. He learned after the incident.

9 Q. Sorry?

10 A. After the incident.

11 Q. The collapse?

12 A. After the collapse.

13 Q. Yeah. And can you tell us why
14 you would remove -- agree to remove the words
15 "ongoing leakage" and replace reference to what was
16 a "particular concern" with something that's got
17 surface rusting?

18 A. Well I had seen surface rusting
19 and I was particularly concerned with the fact that
20 there was these collection systems. I was told by
21 Mr. Nazarian that they were going to be removed.
22 The ongoing leakage I was told by Mr. Nazarian that
23 they were going to fix the ongoing leakage and it
24 was going to cease. And I guess I gullibly believed
25 him.

1 Q. And is it the practice -- your
2 professional practice, Mr. Woods, you're a very
3 experienced engineer, you've been practicing a long
4 time. Just because the owner wants you to pull a
5 picture that reflects what you saw do you feel
6 obliged to do that?

7 A. These pictures that I took were
8 the worst things that I saw. And often clients
9 don't like to see the worst things that you saw
10 because they want it to reflect a general condition
11 of the mall, especially when they're applying for
12 funds.

13 Q. Yeah. Well the -- these pictures
14 that you picked and put in your report, and you
15 understood that the report was going to be used as
16 part of a -- to -- for their application for
17 refinancing somewhere?

18 A. That's correct.

19 Q. So some third party would be
20 looking at this document to make some decisions,
21 presumably that's why they have asked for it? Do
22 you agree?

23 A. Yes.

24 Q. And so when Mr. Nazarian changes
25 what you, as a professional engineer, thinks is

1 appropriate in your report in terms of pictures and
2 text, then on what professional basis could you say
3 that you would go along with him and remove them?

4 A. Because the substance of the
5 report did not change. There were many photographs
6 of rusted steel. And the -- and the tarps et cetera
7 were something that he was going to remove.

8 Q. Well he told you that, but you
9 had --

10 A. Well I had to believe him.

11 Q. Well --

12 A. He wouldn't leave --

13 Q. Pardon?

14 A. You wouldn't leave that there.

15 Q. Why would you remove it? That's
16 what you saw. All you had was this man's word and
17 you don't know this man well enough.

18 A. But if I'm told that they're
19 going to be removed, why would they matter to a
20 mortgagee when the -- they were a condition when I
21 was there. They were a temporary condition and they
22 were to be removed.

23 Q. You knew from your 2009 report
24 that up above those were these elaborate collection
25 systems, in fact you called them that. This isn't a

1 temporary fix. This is a long-standing problem.
2 They've got a whole infrastructure built around
3 those leaks. You recognized that surely?

4 A. I was not aware of the extent of
5 it. There were gutters with taps on them but they
6 were indications, I was informed, of previous leaks.
7 They'd done repairs in those areas. I actually took
8 pictures of the area above those structures that
9 you've referred to that show ponding water long
10 after it rained. The water was ponded above this
11 area and there was no water in this collection
12 system. So I took the fact that those collection
13 systems had been installed from prior situations and
14 had been corrected.

15 Q. And so we're just leaving all
16 those things there because they're decorative, is
17 that why?

18 A. They were leaving them there
19 because it cost money to take them out.

20 Q. Well, Mr. Wood, that's stretching
21 it. And from what everybody knew, if you cared to
22 ask, is that they'd been working on fixing the roof
23 for years unsuccessfully. They'd been dealing with
24 leaks in all these places for literally years and
25 years. And they'd built this whole structure to

1 catch the water, if you can imagine how much people
2 put up with. And then to have you pull out this
3 material based on the word of the owner, when you
4 saw -- saw them and they were important enough for
5 you to record as one of the few pictures you added
6 to the report, it seems quite remarkable that you
7 would simply do it because he said, Don't worry
8 about it. I'm going to fix it.

9 A. He didn't say, Don't worry about
10 it I'm going to fix it. He said, I am fixing it and
11 they're going to be gone.

12 Q. Well were they?

13 A. I don't know.

14 Q. Exactly. So tell me, in terms of
15 -- whatever Mr. Nazarian wants it's his building,
16 but from the standpoint of a third party mortgagor a
17 mortgagee -- or the guy with the mortgage money for
18 Mr. Nazarian, don't you think by change it from
19 "ongoing" leaking where there is a "particular
20 concern", and removing pictures that show the damage
21 that's caused by this leakage, the umbrellas in the
22 roof, the rust on the beam, don't you think it
23 misrepresents the actual condition of the building
24 to anybody who looks at the report?

25 A. No.

1 Q. And why not?

2 A. Because the report conclusion was
3 that the rust that was visually observed was surface
4 rust.

5 Q. Well even if that's so?

6 A. And I took a picture out of the
7 report that showed surface rust. There was many
8 other pictures in the report that showed surface
9 rust.

10 Q. Your picture said "heavily
11 oxidized" which means heavily rusted?

12 A. Correct.

13 Q. So you didn't call it surface
14 rust. It is more than that and as you said it is
15 the worst condition that you did?

16 A. It was the worst condition that I
17 saw, that's correct.

18 Q. But even if the building is
19 structurally sound, it ultimately in the end -- in
20 the end isn't the mortgage company entitled to know
21 that there's leakage collection system there and
22 there is a rusted beam? And that they are going to
23 make their own appreciation of the condition of the
24 building, including looking at those photographs?
25 And you have prevented them from being able to do

1 so.

2 A. You could say that.

3 Q. And Mr. Saunders, how could you
4 do that to your partner?

5 A. I apologized to him afterwards
6 and I should not have done it.

7 Q. And you agree it's an
8 unprofessional thing for you to do?

9 A. It was inappropriate without
10 getting his opinion.

11 Q. And can I ask you about -- have
12 you met Ron McCowan?

13 A. Never.

14 Q. And did you ever have a
15 conversation with him about the condition of the
16 mall in October of 2011?

17 A. Not that I'm aware of.

18 Q. And let me tell you what we
19 anticipate will be said so that you have an
20 opportunity to see if it helps your memory or not.
21 And now this is keeping just sort of to put this in
22 time, the 2009 report is done, you -- in 2012 you're
23 doing that report which you indicate that the
24 building is structurally sound based on what you
25 saw.

1 We have information that you spoke to
2 Mr. McCowan as a result of his interest at the time of
3 acquiring the mall. And he said -- and we're advised
4 that you said, there were problems with the roof. And
5 this is October of 2011. That over the years mall
6 staff had pushed snow to the side and salted. Salt had
7 leaked down the columns and made them not sound.
8 Everything had to be reinforced and a new roof had to
9 be put on. Do you recall saying those things?

10 A. No.

11 Q. Then it goes on you also said it
12 would cost 1.5 million to fix the roof.
13 Mr. McCowan asked when he would have to spend this
14 money to which you replied it would have to be right
15 away. He asked why and you said -- well he asked
16 you if he could fix it over ten years and you
17 replied that it had to be fixed right away or the
18 roof would cave in. And you did not tell him when
19 it would cave in but that it was -- it would if it
20 was not fixed right away.

21 MR. MACRAE: I wonder,
22 Mr. Commissioner, if I might. I have an objection
23 with respect to how this evidence the being put to
24 Mr. Wood if I might address that.

25 THE COMMISSIONER: Absolutely.

1 MR. MACRAE: I had a conversation
2 with my friend with respect to this evidence because
3 we knew that Mr. McCowan would be testifying
4 following the evidence of Mr. Wood.

5 THE COMMISSIONER: Is it Cowan or
6 McCowan. Is there an Mc?

7 MR. MACRAE: I believe there is an
8 Mc.

9 THE COMMISSIONER: Thank you.

10 MR. MACRAE: In the willsay although
11 we're not permitted to cross-examine a witness on
12 the basis of the willsay, there were certain
13 comments that were put on the willsay of Mr.
14 McCowan. And I would ask -- my objection is that
15 the way that Mr. Carr-Harris is putting it to the
16 witness is it's confusing. And I would ask
17 Mr. Carr-Harris to go through the allegation, or the
18 suggestions in the willsay statement one at a time
19 so that Mr. Wood is able to properly respond as to
20 whether he made those comments. My friend is
21 providing a complete summary of what's provided in
22 the willsay.

23 THE COMMISSIONER: Well your client
24 says he doesn't remember any conversation with
25 McCowan.

1 MR. MACRAE: Yes.

2 THE COMMISSIONER: And so going at it
3 item-by-item or going at it globally makes
4 essentially no difference does it?

5 MR. MACRAE: Well in my submission it
6 does in that it provides Mr. Woods an opportunity to
7 respond to each one of the allegations as compared
8 to the blanket allegations that are being read in to
9 the record.

10 THE COMMISSIONER: You're not taking
11 objection to Mr. Carr-Harris' characterization of
12 the -- what McCowan said globally. You're not
13 saying that he's misrepresenting what he intends or
14 expects McCowan to say?

15 MR. MACRAE: No, I'm not in any way
16 suggesting that my friend is misrepresenting I'm
17 simply suggesting that the manner in which is
18 putting it forward.

19 THE COMMISSIONER: Thank you, I
20 understand your objection. Mr. Carr-Harris, do you
21 wish to respond?

22 MR. CARR-HARRIS: I'm quite happy to
23 do that if he thinks it will help. But I agree with
24 you, Mr. Commissioner, as we heard Mr. Wood say he
25 had no recollection of any conversations with

1 Mr. McCowan.

2 THE COMMISSIONER: Mr. Carr-Harris is
3 willing to comply with your request then. There is
4 no issue for me to decide.

5 MR. CARR-HARRIS: All right.

6 BY MR. CARR-HARRIS:

7 Q. We're advised then that you
8 confirmed to Mr. McCowan that there were problems
9 with the roof. Did you ever tell him that?

10 A. As I say, I don't know who
11 Mr. McCowan is.

12 Q. And you have no recollection of
13 any conversations with him, is that what you're
14 saying?

15 A. I have a vague recollection from
16 what I was cross-examined or -- gave evidence to the
17 OPP. They questioned me about "a developer". If
18 Mr. McCowan is that "a developer" I believe that I
19 may have had a conversation a developer. A
20 developer I believe called me at one time, indicated
21 that he had a copy of my 2009 report that he'd been
22 given by a Mr. Nazarian.

23 Q. Yes.

24 A. I was asked questions about it. I
25 was asked questions about roofing and was the

1 roofing a problem. I believe I would have told him
2 that my report indicated that roofing needed to be
3 fixed. I believe the developer went on to question
4 other items that were in the report. I don't know
5 who that person was. But he's obviously been given
6 my report by Mr. Nazarian, that's basically all I
7 can recall.

8 I never came up with a -- I was never
9 asked to look at what the roofing repairs would be. I
10 was never asked to come up with a figure of a value of
11 the roofing repairs, so what you've just presented to
12 me doesn't sound factual.

13 Q. Well then just in following your
14 Counsel's preference here I will go through them one
15 by one and you can tell me whether -- whatever you
16 want.

17 A. Okay.

18 Q. So the first one I had was that
19 you confirmed to Mr. McCowan that there were
20 problems with the roof. Now assuming Mr. -- you
21 don't remember whether it was Mr. McCowan you were
22 talking to, but it was a developer?

23 A. It was -- as I say it was a
24 developer who had obviously been directed my way by
25 Mr. Nazarian.

1 Q. Okay. And did you confirm to
2 that person that there were problems with the roof?

3 A. It said that in my report so I
4 would have confirmed that.

5 Q. Okay.

6 A. To the best of my recollection.

7 Q. Thank you. And did you tell him
8 that over the years mall staff had pushed snow to
9 the side and salted?

10 A. Absolutely not.

11 Q. Did you tell him that salt had
12 leaked down the columns and made them not sound?

13 A. Absolutely not.

14 Q. Did you tell him everything had
15 to be reinforced and a new roof had to be put on?

16 A. I would have told him that a new
17 -- someone should be putting a new roof on I would
18 have thought. But I wouldn't have told him
19 everything would have to be reinforced.

20 Q. But you may have told him that a
21 new roof had to be put on?

22 A. I think that was what I'd been
23 telling Mr. Nazarian.

24 Q. Okay. So the answer is yes, you
25 might well have told him?

1 A. That portion, yes.

2 Q. All right. And then on to the
3 next. Did you tell Mr. McCowan that it would cost
4 1.5 million to fix the roof?

5 A. No.

6 Q. And did you tell him that -- that
7 when he asked when this money would have to be spent
8 did you reply that it would have to be right away?
9 Do you recall that?

10 A. No.

11 Q. Did you -- are you saying you
12 didn't say it?

13 A. I would never -- it's probably
14 what I would have thought but no, I didn't say that.

15 Q. Might you have said it?

16 A. It would be an appropriate thing
17 to say.

18 Q. All right. And then Mr. McCowan
19 asked why he couldn't fix it in ten years, do you
20 recall being asked that?

21 A. No.

22 Q. And you replied that it had to be
23 fixed right away or the roof would cave. Did you
24 say that?

25 A. No.

1 Q. And did you say anything like
2 that?

3 A. No.

4 Q. And apparently Mr. McCowan asked
5 when it would cave in and you advised him that you
6 couldn't tell him when but it would be -- it would
7 if it was not fixed right away. Did you say those
8 words to him?

9 A. Absolutely not.

10 Q. And then lastly, did you tell Mr.
11 McCowan that you had told all of this to the mall
12 owners?

13 A. No.

14 Q. All right. So -- do you
15 understand that based on the accuracy of this this
16 would imply that the report that you wrote on
17 May 3rd was not accurate because you knew the mall
18 was in trouble, you understand that?

19 A. I understand that.

20 Q. Okay, thank you. Those are my
21 questions, thank you.

22 THE COMMISSIONER: Thank you, we'll
23 take our morning break at this point. Unless
24 there's something anybody wants to raise?

25 --- Morning break taken at 10:30 a.m.

1 --- Upon resuming at 10:50 a.m.

2 THE COMMISSIONER: Mr. MacRae,
3 in-chief.

4 MR. MACRAE: Thank you,
5 Mr. Commissioner. Mr. Commissioner, I have provided
6 a copy of a CV and I can indicate that I have
7 provided this to Commission Counsel some weeks ago
8 and I would like to have it entered as an exhibit if
9 I might.

10 THE COMMISSIONER: One question needs
11 to be asked of Mr. Wood whether that CV is accurate.
12 I take it you've seen it, sir?

13 THE WITNESS: I prepared it.

14 THE COMMISSIONER: You've prepared
15 it. Is it accurate.

16 THE WITNESS: Yes, sir.

17 THE COMMISSIONER: Thank you.

18 EXHIBIT NO. 529: CV of Bob Wood.

19 MR. MACRAE: Thank you,
20 Mr. Commissioner.

21 EXAMINATION-IN-CHIEF BY MR. MACRAE:

22 Q. I wonder, Mr. Wood, if I might
23 review some of the areas of your CV. You indicated
24 in your second paragraph of your CV that you've
25 completed a list of the following list of -- or

1 partial list of projects. And if I might deal with
2 some, the Ontario Forest Research Laboratory. What
3 was the size of that project and what was your
4 involvement in that project?

5 A. I was their structural engineer
6 of record for the relocation of the Ontario Forestry
7 Research Laboratory from Vaughan in Ontario to Sault
8 Ste. Marie. And I designed the building. It was
9 constructed in I think 1989 and it was around
10 \$20 million project.

11 Q. And you use the term "engineer of
12 record", what does that mean?

13 A. I was the structural engineer of
14 record.

15 Q. And that means?

16 A. I oversaw all of the components
17 of the structure of that building.

18 Q. Thank you. And then the next one
19 the Federal Forest Research Facility?

20 A. I was once again the engineer of
21 record for the second phase expansion of the Federal
22 Forest Research Center. The initial building was
23 doubled in size in the -- around 1984. And once
24 again I was the person responsible for the
25 structural design of the components of that

1 building.

2 Q. And, Mr. Wood, where is that
3 building located?

4 A. It's in Sault Ste. Marie.

5 Q. And does it have any relationship
6 to the next item, the Federal Invasive's Species
7 Building?

8 A. The Federal Invasive Species
9 Building was constructed within the last five years,
10 renovated space of the Federal Research Forestry
11 Facility and an expansion to that space.

12 Q. Now am I correct that these were
13 all completed within the M.R. Wright Corporation?

14 A. Correct.

15 Q. The next one you indicate that
16 you've done condition assessments of large hotels
17 and conference centers throughout Canada and you
18 mention a number of places. I wonder if you might
19 explain to the Commission what's involved in that
20 type of work and what you did?

21 A. We conducted condition
22 assessments for many hotels, large hotel facilities
23 for the RITS. I travelled the country inspecting
24 buildings throughout the country. I've listed a few
25 of the towns where I've inspected hotels and

1 conference centers.

2 Q. You used an active RITS, do you
3 know what that stands for?

4 A. Oh, Real Estate Invest Trust.
5 There were various RIT that I worked for. It was a
6 fad in at that time that they were buying up hotels
7 and -- it was a stock market investment. So my work
8 there was to conduct a condition assessment of the
9 components, the mechanical, electrical, the
10 structural, the site, and identify any problems with
11 the buildings. Most of them were of the size of the
12 Algo Centre or bigger.

13 Q. Thank you. Next you say you
14 reinforced or condemned several arenas. I wonder if
15 you might provide some additional information to the
16 Commission with respect to that?

17 A. There was a period when arenas
18 required routine inspections after there'd been some
19 collapses. It was a project that was spearheaded by
20 the Ministry of Labour. And I inspected many arenas
21 within the area, hockey arenas basically because of
22 the damp and humid conditions in arenas was causing
23 corrosion problems to the structures of the
24 buildings.

25 Q. And you indicated that you had

1 condemned several arenas. Can you expand on that
2 please for the Commission?

3 A. I condemned one in Spanish,
4 several others I reinforced to -- so they could
5 continue to be used.

6 Q. When you say you reinforced would
7 that be the work of your engineering firm that would
8 have completed that?

9 A. Correct.

10 Q. And then also you make reference
11 to bridge structures including the government road
12 bridge in Thessalon, and bridges for the MNR on
13 Crown lands?

14 A. I've inspected numerous bridge
15 structures over the years, conducted the bi-annual
16 inspections of many bridges throughout townships
17 within the Algoma District and beyond. Government
18 road bridges through truss steel structure that had
19 corroded severely and it was closed. It was
20 subsequently refurbished as a historic structure
21 with a government grant but that was completed by
22 another consultant.

23 Q. You also indicate in your CV,
24 Mr. Wood that you acted as an interim building
25 official for the Township of Wicksteed,

1 Michipicoten, and also the City of Sault Ste. Marie.
2 When would have been and what would that have
3 involve from a responsibility perspective?

4 A. The Township of Wicksteed was a
5 major community center. It involved every occupancy
6 within the Building Code. And it was beyond the
7 capability of the local building official. So I was
8 retained to oversee the project from a building
9 construction standpoint for the Township. The
10 building had apartments, hotel, shopping center,
11 police lock-up, seniors' apartments, high school.
12 It had almost every occupancy available. I worked
13 an interim building official for the Township of
14 Michipicoten, which is the City of Wawa. And when
15 they were between Building Inspectors, and I also
16 acted as a building inspector for the City of Sault
17 Ste. Marie at the collapse of the Station Mall.

18 Q. That would have been in 1995 I
19 understand?

20 A. The mall collapsed on Thursday,
21 December the 15th, 1995 at 8:00 in the morning. I
22 Kind of remember that one.

23 Q. And you indicate as well that
24 you've reviewed many collapsed structures, barn,
25 houses, commercial and industrial buildings. I

1 wonder if you might elaborate on that?

2 A. I've written many reports on
3 collapsed structures for insurance companies, for
4 collapsed bridges on the highway that crosses the
5 Mississauga, and on remote logging bridges where
6 bailey bridges have failed. I have looked at
7 numerous barns, numerous houses that were improperly
8 built, and other collapses in -- I can recall
9 warehouses, a lumber storage building that collapsed
10 under snow load.

11 As I say, I had -- our firm had a very
12 good association with insurance and they used our
13 services almost exclusively for collapses in this area.

14 Q. All right. Then moving on you
15 were involved -- your firm was involved in the
16 structural design of the Praxair facility in Sault
17 Ste. Marie and Inco in Sudbury. What did that
18 consist of?

19 A. Praxair is -- produces liquid
20 oxygen, liquid nitrogen. Their facilities service
21 Algoma Steel in Sault Ste. Marie and service Inco in
22 Sudbury. We designed all the foundations, the
23 buildings, the truss structures and the -- all the
24 structural components. We reviewed the design of
25 the cold boxes, which is the towers that house the

1 -- the means by which they separate air into its
2 components. These were major developments.

3 Q. Do you have an idea of the cost
4 estimate to give an estimate of the size of that
5 project in Sault Ste. Marie?

6 A. They were in the mega millions.
7 I wasn't really involved in the costing of those
8 projects, and it was somewhat of a trade secret the
9 values. But the cold boxes would be manufacturing
10 and shipped from China in pieces and we would
11 engineer the lifts for them and many other
12 components.

13 Q. And you did that both in Sault
14 Ste. Marie and in Sudbury?

15 A. Correct.

16 Q. Would they be for the same owner
17 or for different owner?

18 A. Our client was Praxair.

19 Q. But they would be in facilities
20 that were owned by separate owners, am I correct?

21 A. Correct. The ones in the Sault
22 were either owned by Praxair or Algoma Steel. The
23 ones at Inco -- the ones in Copper Cliff in Sudbury
24 were owned by Inco.

25 Q. And being in Sault Ste. Marie

1 would you have had additional involvement with the
2 Algoma Steel Corporation? Did your firm do any work
3 there as well?

4 A. We did a lot of inspection work
5 of foundations and steel structures within Algoma
6 Steel.

7 Q. And were you involved in those
8 inspections as well, Mr. Wood?

9 A. I was and other members of the
10 firm.

11 Q. All right. And then moving on
12 there is the design of the Voisey Bay terminal
13 building in Inco in Sudbury?

14 A. It was a major building where the
15 railcars brought in the ore from Voisey's Bay and
16 they were unloaded for -- so it was a large steel
17 building.

18 Q. The next item you talk about are
19 numerous train lifts. I wonder if you might explain
20 to the Commission why the engineering company would
21 be involved in crane lifts?

22 A. The founding partner owned the
23 largest mobile hoist operation -- it was the largest
24 mobile hoist operator within the province. We thus
25 in-house designed the rigging, the lifting procedure

1 for numerous structures throughout the Province,
2 many industrial facilities as I noted there. We
3 engineered the lifting of the major trusses at the
4 Air Canada Center into place.

5 Q. When you say "we" it sounds like
6 you're working together as a team?

7 A. Correct.

8 Q. What would your responsibility be
9 within that team, Mr. Wood?

10 A. My responsibility was to oversee
11 what was being proposed and to certify the work. As
12 a professional engineer.

13 Q. All right. And then also you
14 indicate that you are a structural advisor to
15 Nicholls Yallowega Bélanger for the Five World Bank
16 funded Forensic Laboratories in Malaysia. That
17 sounds rather exotic. What was involved in that,
18 Mr. Wood?

19 A. We -- it was a -- I was basically
20 the structural advisor to the World Bank on the
21 structures that were being built in Malaysia. It
22 was a project that Nicholls Yallowega Bélanger
23 teamed up with Sault Ste. Marie architect. They'd
24 both designed -- the architectural firm in the Sault
25 had designed the Ontario Forest Research Laboratory,

1 and I believe Nicholls Yallowega had designed the
2 Laurentian Mining Facility in Sudbury.

3 They both applied for this project which
4 was advertised globally and they won. We teamed up
5 with them and we won the project. They had a major
6 role, mine was solely reviewing what the structural
7 consultants in Malaysia were doing and making sure that
8 it was appropriate and fitted in to the architect's
9 design.

10 Q. All right. Moving on then also
11 you've been involved in the design of the 5,000 seat
12 event center in Sault Ste. Marie?

13 A. That is the home of the Sault
14 Greyhounds and housed the Scotts Tournament of
15 Hearts a few years back.

16 Q. And your firm was involved in
17 that design?

18 A. I was the engineer -- structural
19 engineer of record on that project.

20 Q. Next the design of the PUC Sault
21 Ste. Marie offices, maintenance and vehicle storage
22 building that opened recently. Do you recall when
23 it was actually opened?

24 A. It had opened in January of this
25 year and it is -- I don't believe they've had an

1 official opening, at least I haven't been invited to
2 it. But it is a major complex. I believe the
3 costing is over \$20 million that --

4 THE COMMISSIONER: What does the PUC
5 stand for?

6 THE WITNESS: Public utilities
7 Commission.

8 THE COMMISSIONER: I see, thank you.

9 THE WITNESS: That's the water and
10 electrical service provider in Sault Ste. Marie and
11 in much of the Algoma District.

12 THE COMMISSIONER: Thank you.

13 BY MR. MACRAE:

14 Q. Your firm was also involved in
15 the hangar design of the Sault Ste. Marie airport
16 and Valdor, Quebec. Were those related?

17 A. No.

18 Q. And what was the scope of the
19 project?

20 A. We've designed T-hangars at Sault
21 Ste. Marie airport, we've designed hangars for the
22 -- where they service planes originally for Ontario
23 Northland and recently for Porter Airways. We've
24 designed a hangar facility in Valdor, Quebec for Air
25 Creebec

1 Q. Now the second last bullet.
2 Certification of approximately 50% of prefabricated
3 trench shoring systems used in the Province of
4 Ontario. What's involved in that process and what
5 role did your company play in that?

6 A. We certified -- we certify
7 trench -- or we did certify trench shoring systems,
8 prefabricated shoring systems used by contractors
9 throughout the province through a company in
10 Vaughan. We also designed site-specific use for
11 those trench shoring systems. And as I say Vaughan
12 is probably one of the largest supplier of those,
13 there is a competitor.

14 Q. And what is a trench shoring
15 system?

16 A. It's a prefabricated steel box
17 with spreader beams that is lower into an excavation
18 to protect the worker when he's installing pipes,
19 conduits, whatever within -- below grade. It
20 stabilizes the bank so that the worker is not -- is
21 suitably protected.

22 Q. Moving on then the design of many
23 other large commercial and industrial forestry
24 veneer and lumber mills in the USA and Canada. What
25 was your company's and your involvement in those

1 processes?

2 A. One of our partners was a
3 specialist in forestry veneer and he worked
4 worldwide, as well as in the U.S. and Canada. And
5 we designed buildings in Ohio, Maine, Wisconsin, and
6 all over Canada.

7 Q. When you say you designed a
8 building what would be involved in that?

9 A. Basically the building that
10 housed the veneer, housed the runouts from the
11 veneer and the storage of the veneer and the
12 splicing of the veneer. So we designed the whole
13 project.

14 Q. And you also indicate that you
15 had a portable logging bridge structures, the
16 various spans? You would have been involved in the
17 design of those too?

18 A. I was.

19 Q. Specifically from a structural
20 perspective on behalf of your company?

21 A. Yeah. And many of them were
22 manufactured here in Elliot Lake by a local
23 fabricator.

24 Q. And you would have worked with
25 that fabricator, am I correct?

1 A. We developed the design and they
2 fabricated them for the logging industry.

3 Q. Were you involved from -- aside
4 from the logging industry, would you have been
5 involved in the recreational facilities such as a
6 snow machine bridges or anything of that nature?

7 A. Did you want to turn the page?

8 Q. Sure.

9 A. We developed standard -- in
10 co-ordination with the MNR we developed standard
11 snow machine bridges of various spans that could be
12 used by the snowmobile clubs within the area to span
13 the creeks so that they were crossing on their
14 trails.

15 Q. Would that involvement have
16 extended to installation of the bridges as well too?

17 A. We would not do the installation.
18 It was purely the design of the bridges.

19 Q. Thank you.

20 A. Which obviously had to carry the
21 groomers, et cetera, of the snow machine trails.

22 Q. All right. And then
23 second-to-last bullet, steel pile design for the OPP
24 Forensic Laboratory, OFRI, and the Sault area high
25 school charity casino and many other projects. What

1 would typically be involved in steel pile design?

2 A. I would design the pile size
3 based on the intended load that was required by
4 whichever consultant was designed these projects,
5 and certify and inspect the piling -- or my company
6 would inspect the piling as it was installed. I was
7 considered the expert of steel piles within the
8 district -- within Sault Ste. Marie because it's the
9 only area where the piles are driven through sand
10 stone bedrock, other areas they are driven through
11 igneous bedrock.

12 Q. And then lastly, certainly not an
13 end of your experience but rather an example, is the
14 geotechnical investigation at over 500 sites
15 throughout the Algoma District including the Sault
16 area hospital. What would those investigations
17 typically involve?

18 A. Our company would commission
19 equipment to take bore holes and -- or back-hoe
20 excavate to determine the soil conditions to build
21 buildings throughout the Algoma District.

22 Q. And have you ever been called
23 upon to provide evidence in a Court of law?

24 A. I have.

25 Q. And are you able to indicate how

1 many times you would have done that?

2 A. Probably five or six. I've been
3 called an expert in North Bay, Sault Ste. Marie,
4 Michigan, and the Sault District Courthouse.

5 Q. Thank you, Mr. Wood. I'm going
6 to move on now to some specifics we're dealing with
7 here today. I would ask you to turn to tab 43,
8 Exhibit No. 828. This is a letter dated
9 September 28th, 2009 from Mr. Fabris. And it's a --
10 and I wonder if you saw that letter?

11 A. I did.

12 Q. And I would ask you to review the
13 letter, specifically with paragraph 3, and provide
14 the Commission of your understanding of what you
15 were being asked to do.

16 A. Paragraph 3, "The Order to Remedy
17 violation includes the mall to have the mall
18 inspected by a structural engineer, specifically
19 items located under deficiency."

20 Q. And what did you understand that
21 you were being asked to do at that point in time?

22 A. I was being asked to inspect the
23 mall based on the items listed in the Order to
24 Remedy.

25 Q. And my understanding is if we

1 turn to the second page -- or the third page,
2 rather, the Order to Remedy was included with that
3 correspondence and you were provided with a copy of
4 that Order to Remedy?

5 A. I was provided with a copy for my
6 information.

7 Q. Thank you. And then if I could
8 ask you to move on. My understanding is that
9 following the October 28th report that you remained
10 involved in the mall with the processes at the mall.

11 And I would ask you to turn to page
12 57 -- or rather tab 57, Exhibit No. 104. This is a
13 letter dated November 29th, 2009 addressed to Mr. Mark
14 Furoy and your signature appears at the end of that
15 letter. Do you recall writing that letter?

16 A. I do.

17 Q. And what was the purpose of the
18 letter, Mr. Wood?

19 A. The purpose -- Mr. Nazarian had
20 hired Furoy Construction to repair the areas of
21 damage to the fire proofing on the steel structures.
22 And we were having trouble getting a -- I believe
23 getting a description of what he planned to use. So
24 we provided him this letter which I think is -- is
25 this the one --

1 Q. You can take time to review it if
2 you'd like to read it first.

3 A. Yes. This is -- this seems to be
4 requesting him -- oh.

5 "We trust that the enclosed will
6 assist you in specifying the required
7 thickness of fire proofing, so that
8 we can confirm by inspection as
9 suitably report to the City Building
10 Department of Elliot Lake."

11 In other words we were trying to get a
12 product specified that was consistent with what -- with
13 which he was used to installing. In fact I think we
14 actually specified what product to use, and he
15 installed it and we copied the building -- the Chief
16 Building Official with this correspondence.

17 Q. And why would you have copied the
18 Chief Building Official at that point in time?

19 A. To keep him informed of what we
20 were doing.

21 Q. Thank you. And then if we might
22 then go to tab 59, Exhibit No. -- it's not been made
23 an exhibit yet if I might. I'll deal with it first.
24 If we could go to MRWP1087. Exhibit No. 5229 my
25 friend informs me.

1 Now, Mr. Wood, you've been looking at a
2 lot of documents so I'd ask you to take the time to
3 review this document in its entirety and that is your
4 signature that appears at the bottom?

5 A. That is correct.

6 Q. It's a letter dated December 1,
7 2009 to Mr. Bob Nazarian and the re. line is the
8 "Algo Inn, 151 Ontario Ave., Hotel Fire Safety Audit
9 Building Classification." If you might take the
10 time you need to review it.

11 A. Okay.

12 Q. If I can refer you please to
13 paragraph number 5 beginning, "In 1979 all design
14 drawings for such a large multi use complex would
15 have been approved by the Ontario Fire Marshal's
16 office prior to occupancy."

17 A. Yes. The Ontario Fire Marshal
18 would have reviewed the entire building to the Hotel
19 Fire Safety Act at that time.

20 Q. When you say at that time, is
21 that still currently the practice?

22 A. No. It's now the Hotel Fire
23 Safety Act was amalgamated with the Ontario Building
24 Code and now the Ontario Building Code is considered
25 the document that buildings -- that hotels would be

1 constructed to.

2 Q. All right. Now you also indicate
3 in your next sentence: "The complex was also
4 designed by professionals and we would be surprised
5 if the hotel as constructed would not be in
6 compliance if required Fire Marshal's Audit."

7 Now does that relate back to it having
8 been approved by the Ontario Fire Marshal's office
9 prior to construction, the plans?

10 A. Absolutely. They had inspectors.
11 They would have made sure that the hotel was built
12 to the Hotel Fire Safety Act at that time. And were
13 diligent in that work because it involved people
14 sleeping in a structure. They would not only have
15 gone to the hotel but they would have considered the
16 entire complex because of the threat from other
17 components in the complex to the people that were
18 sleeping in the hotel.

19 Q. Thank you, Mr. Wood. Now the
20 next paragraph you indicate: "We would however
21 agree with the City that the hotel is constructed
22 within a 5 or 6 level structure and needs to comply
23 with Section 13.3 of the Audit."

24 What were you referring to there,
25 Mr. Wood?

1 A. Mr. Nazarian had -- and his agent
2 Mr. Yakimov had been trying to convince the Fire
3 Chief that the building was only a four storey
4 building because of the level at which access was
5 gained to the building. We reviewed the document
6 and believed that it was a five or six storey
7 structure and needed to comply with this more
8 restrictive section of the audit.

9 Q. And when you say it needed to
10 comply were you disagreeing with Mr. Nazarian then
11 at that point in time?

12 A. Yes.

13 Q. And did you provide -- if we
14 could go down a bit further, it appears that you
15 provided a copy of this correspondence to the City
16 of Elliot Lake to Mr. Paul Officer?

17 A. I did.

18 MR. MACRAE: If you could take that
19 down a bit, Ms. Kuka, please.

20 BY MR. MACRAE:

21 Q. How would you describe your
22 relationship with Mr. Paul Officer?

23 A. I really liked the man. And he
24 was very keen to learn and I was very impressed with
25 his actions.

1 Q. And would you communicate with
2 Mr. Officer with respect to this audit by
3 correspondence or would you have telephone calls as
4 well?

5 A. I would think I would have had
6 telephone conversations, I don't really recall. But
7 any document I sent in regard to the fire safety
8 audit I copied Mr. Officer on because I wished to
9 keep him informed and I wished to involve him
10 throughout the process.

11 Q. Did you attend any site visits
12 with Mr. Officer at the Algo Mall?

13 A. I did.

14 Q. Do you recall -- do you recall
15 whether Mr. Ewald was there as well?

16 A. He may have been on one occasion,
17 I'm not really sure. I wasn't -- in addressing fire
18 concerns I was more concerned with the fire safety
19 officer since it was his -- it was his -- I can't
20 think of a word. It was his duty to look after that
21 area.

22 Q. Fair enough, thank you. Then I
23 might if I could ask you to please turn to tab 61,
24 it's Exhibit No. 848. That's a letter dated
25 December 2, 2009, your signature appears at the

1 bottom. It's addressed to Mr. Bob Nazarian. And
2 the re. line is "Fireproofing Algo Mall." I wonder
3 if you might read the letter?

4 A. "I'm getting concerned over
5 reports from your mall staff and the
6 fireproofing contractor's manger
7 (sic) as follows, on the fireproofing
8 of the steel beams. The fireproofing
9 contractor on site has sprayed beams
10 noted in City and our report. The
11 City Building Inspector met them on
12 site and has instructed the
13 fireproofing contractor to spray more
14 beams and work is proceeding.

15 "We have instructed our inspector
16 to make contact with the contractor's
17 site foreman this evening to document
18 the work completed and to review and
19 document the additional work being
20 completed under the verbal
21 instructions from the Building
22 Official.

23 We plan to update you on work
24 proceeding tomorrow."

25 Q. Now the letter seems self

1 explanatory but do you recall what caused you to
2 write that letter?

3 A. I was getting reports from -- I
4 don't know if it was Henri, and I presume it was
5 Henri since it says "mall staff" and the only person
6 that really contacted me was Henri, that there were
7 more -- the Building Official had been to the site
8 and wanted more areas sprayed than had been
9 previously noted. I didn't know at the time where
10 they were.

11 Q. But when you refer in the second
12 paragraph to your inspector who would that inspector
13 have been?

14 A. Domenic Griffa, G-R-I-F-F-A.

15 Q. I wonder if I might take you back
16 then to tab 40 which is -- if I might have a moment.
17 I believe it's Exhibit No. 102. And then if we
18 could go in to beginning on page 0029 please. This
19 is a document that has a date of December the 2nd,
20 '09 on the top. And I'm wonder if you recognize the
21 handwriting or the writing?

22 A. I don't recognize his handwriting
23 but I would have to assume that it was written by
24 Mr. Griffa.

25 Q. Would you have reviewed notes

1 that Mr. Griffa would have written?

2 A. Yes.

3 Q. And what would be your standard
4 procedure with respect to review notes when you had
5 an inspector in the field?

6 A. I would read these notes and
7 review his report that he would have sent out as a
8 result of these notes.

9 Q. And then would you typically have
10 a discussion with your inspectors with respect to
11 their notes or --

12 A. He actually knew more about fire
13 proofing than I did. He completed fire proofing of
14 the Sault area hospitals, and he had spent most of
15 the summer looking at these sort of installations.

16 Q. If I might then ask you to go to
17 page 40 of the same exhibit, 0040. These are notes
18 that the author is writing with respect to review of
19 deficiencies. And at that point in time am I
20 correct that your office was involved in reviewing
21 deficiencies with respect to the fire proofing at
22 the mall?

23 A. Correct. It was done after hours
24 and we had somebody there most of the -- well not
25 continuously but periodically.

1 Q. And again, would your practice
2 have been to have a discussion and review the notes
3 with respect to your inspectors and their work in
4 the field?

5 A. Correct.

6 Q. Do you have a specific
7 recollection about reviewing these notes?

8 A. Um ... I'm sure I did. I don't
9 have a specific recollection about them. He was --
10 I thought doing a good job for us.

11 Q. Thank you. And if we might move
12 on to the next volume and specifically tab 69.

13 MR. MACRAE: I wonder, Ms. Kuka, in
14 order to keep it in proper sequence I would ask you
15 to pull up Exhibit No. 5230, which appears in my
16 volume at tab 66. If you could bring that in a bit
17 clearer please, Ms. Kuka.

18 BY MR. MACRAE:

19 Q. Now this is a copy that does not
20 have your signature, but it has your name at the
21 bottom. It's on an M.R. Wright document dated
22 March 19, 2010. It's addressed to Mr. Nazarian and
23 it speaks about the hotel retrofit building audit.
24 I wonder if you might take a moment to review that.

25 A. Okay.

1 Q. There's evidence before this
2 Commission that this document was in fact forwarded
3 to the City of Elliot Lake by way of a copy, and to
4 Mr. Nazarian as well. That I am not certain of, but
5 it does appear -- my understanding is that it
6 appears in Relativity. And you'll agree that at the
7 bottom it was copied to Mr. Paul Officer?

8 A. Yes.

9 Q. I just have a question about it
10 and that is with respect to paragraph 4. You
11 indicate in your correspondence to Mr. Nazarian
12 that: "We would strongly recommend that a meeting
13 on site with City fire officials be arranged at our
14 next site visit." Do you recall making that
15 recommendation?

16 A. Yes.

17 Q. And what was the purpose of that
18 recommendation?

19 A. When -- we had some concerns
20 about the operation of the fire safety equipment. I
21 personally do not like buildings that are only
22 partially sprinklered. This building was only
23 partially sprinklered. The hotel was not
24 sprinklered. It is permitted by Code but I don't
25 personally approve that because when fire fighters

1 go to the site and they see a siamese connection to
2 connect up to they think they've sprinkled the whole
3 building and done their fire fighting job, but it's
4 not the case on this building.

5 So I strongly recommended that we meet
6 with Vipond and the City fire officials to go through
7 the structure so that they were fully conversant with
8 this building, which was the major complex within the
9 City of Elliot Lake, and be fully conversant with the
10 fire safety equipment prior to ever having to use it.

11 Q. When you have say fully
12 conversant you're talking about the City fire
13 officials?

14 A. Correct. And specifically Paul
15 Officer. And that he was satisfied that he had what
16 he needed to fight a fire in an emergency.

17 Q. All right. Mr. Wood, if we might
18 then go to tab 69, Exhibit No. 855. That's letter
19 dated April 29, 2010 I wonder if you might just
20 bring it down to show the letterhead for a minute,
21 Ms. Kuka.

22 And then if you could return to the
23 text, thank you very much.

24 That's a letter with your signature that
25 was addressed to Mr. Bob Nazarian and it again deals

1 with the hotel retrofit building audit?

2 A. Correct.

3 Q. And it appears, am I correct from
4 reading of the first paragraph, that you did in fact
5 meet with the Fire Chief of Elliot Lake and you went
6 through the hotel fire safety systems?

7 A. I did.

8 Q. And that was you who attended
9 with Mr. Officer, am I correct?

10 A. Yes.

11 Q. Was there anyone there from the
12 -- from Mr. Nazarian's company?

13 A. I don't believe so.

14 Q. And you indicated in your
15 correspondence that Paul Officer is now far more
16 conversant with your system and much happier. What
17 were you talking about in that letter?

18 A. We went through the sprinkler
19 room, we went through the systems and, as I said,
20 at -- and I thought we did it more than once but I'm
21 not exactly sure. But our main concern in reviewing
22 the Fire Safety Act was the fact that there were no
23 smoke alarms within the hotel rooms. That is a --
24 it's somewhat of a new requirement compared to '79.
25 It obviously wasn't a requirement then otherwise the

1 -- the Ontario Fire Marshal would have pointed it
2 out. All that was in the hotel rooms was heat
3 detectors, which do not provide sufficient warning
4 to occupants of the room. You have to have a smoke
5 detector just like in your house. You have the have
6 an operational smoke detector because smoke is what
7 kills people.

8 Q. And the purpose of this
9 correspondence was in moving that issue further
10 ahead with Mr. Officer and with Mr. Nazarian, am I
11 correct?

12 A. Both Mr. Officer and myself were
13 in full agreement that smoke detectors had to be
14 installed.

15 Q. Thank you.

16 MR. MACRAE: And then if I might,
17 Ms. Kuka, Exhibit No. 1753?

18 THE WITNESS: I put it very politely
19 that Paul will ask you to comply, I think he
20 mandated it.

21 BY MR. MACRAE:

22 Q. Thank you. Tab 79, Mr. Wood.
23 That's exhibit No. 1573. Once again it's a letter
24 from M.R. Wright, signed by yourself. It's dated
25 September 29th 2010. Do you recall sending this

1 letter to Mr. Nazarian?

2 A. Yes.

3 Q. And particularly in the second
4 sentence where you indicated that you met with
5 representatives of the Elliot Lake Fire Department
6 April 28th, 2010 and you enclose their report. That
7 meeting that you had with the Elliot Lake fire
8 department representatives would that have been with
9 more than one representative or just with
10 Mr. Officer?

11 A. It would been with Mr. Officer
12 and whoever he brought along from the Fire
13 Department. I don't know who they were or I didn't
14 make record of who they were.

15 Q. Thank you. And then lastly in my
16 questions in-chief, Mr. Wood, there's been evidence
17 at this Commission of Inquiry that a piece of
18 concrete fell from the ceiling area, or the soffit
19 area of the mall some time, as I understand the
20 evidence, within eight months proceeding the
21 collapse. And my question is, did you receive any
22 information from anyone about concrete having fallen
23 in the Algo Mall?

24 A. No.

25 Q. If you had received that

1 information what would that -- what type of reaction
2 would that have caused with you?

3 A. I would have been horrified and
4 advanced -- I probably would have closed the mall if
5 I'd seen the pictures that have been shown. People
6 have got quite cavalier in southern Ontario about
7 lumps of concrete falling from the Gardiner
8 Expressway. The Gardiner Expressway is a reinforced
9 concrete structure where the concrete that falls off
10 the structure is a covering, a protective covering
11 to the rebar. It is not a structural element that
12 transfers stresses as is the case with concrete in
13 prestressed concrete slabs.

14 If the Gardiner Expressway had been
15 built with prestressed concrete slabs there would be no
16 Gardiner Expressway at this time. So this is such a
17 serious structural item that it would have warranted
18 closing the mall.

19 Q. Thank you, Mr. Wood, those are my
20 questions at this time?

21 MR. MACRAE: You thank,
22 Mr. Commissioner.

23 THE COMMISSIONER: Cross-examination,
24 Mr. Broadbent.

25 MR. BROADBENT: Sir, I wonder if when

1 I conclude my questions if I might be excused for
2 personal reasons. I want to thank you for the week.
3 It's been a privilege to be here with you and serve
4 you. I'm not sure when I'll be back but Mr. Elliott
5 will be here Monday I believe.

6 THE COMMISSIONER: Thank you,
7 Mr. Broadbent.

8 CROSS-EXAMINATION BY MR. BROADBENT:

9 Q. Sir, my name is Broadbent and I
10 represent ELMAC, a citizen's interest group. I have
11 a few questions for you. I see in the material that
12 there was at least some correspondence between your
13 office and Mr. Fabris. Can you tell me what
14 conversations, if any, you had with Mr. Fabris with
15 respect to the inspections that you did?

16 A. I don't believe I had any.

17 Q. Okay. So you don't recall him
18 calling you and discussing with you what you needed
19 to look at for the client, for Mr. Nazarian?

20 A. I believe my only dealings with
21 Mr. Fabris was the letter that forwarded the Notice
22 of Violation.

23 Q. I see. So when you prepared your
24 report in 2012, the May report of 2012, was the
25 initial report with the photographs -- or the

1 photograph rather -- there was over two photographs
2 that were removed, correct?

3 A. Correct.

4 Q. So the initial report that
5 contained those photographs, and that contained the
6 words that were ultimately removed, was that
7 delivered to Mr. Fabris or was it just delivered
8 directly to the mall?

9 A. I believe it was delivered to
10 Rhonda Bear via e-mail.

11 Q. All right, okay. Now my friend
12 was asking you, Mr. Carr-Harris who was very
13 thorough and left me very little to do as usual. He
14 asked if, you know, your work being for prepared for
15 a mortgagee, with that mindset, I want to suggest to
16 you and clarify that the work you were doing wasn't
17 for a mortgagee was it?

18 A. No, it was for Mr. Nazarian.

19 Q. Right. And that is no slight to
20 Mr. Carr-Harris, but in fact ultimately it was for
21 the City in a way because the City had mandated that
22 the owner get your services in to assess the
23 structural integrity, is that true?

24 MR. MACRAE: I wonder if I object to
25 that, Mr. Commissioner. My objection is that that

1 was not the evidence. The report completed in
2 October the 28th of 2009 there is no evidence that
3 any pictures were altered. In fact there's evidence
4 that the draft was accepted in its form and became
5 the final document. My friend may be confused with
6 respect to the alteration that occurred in April or
7 May of 2012.

8 MR. BROADBENT: I'm sorry, I think
9 I've confused you because I meant I was actually
10 referring to -- and the objection might be fair but
11 I think it's cleared up this way I think. My
12 initial questions were actually about the 2012
13 report. And so --

14 THE COMMISSIONER: You're moving to
15 the 2009 report?

16 MR. BROADBENT: Yes. Does that take
17 care of it?

18 MR. MACRAE: Certainly, as long as
19 there's a clear understanding there is no issue with
20 respect to the 2009 report from that perspective.

21 MR. BROADBENT: I know I confused
22 myself so I'm not surprised if I confused my friend
23 and I apologize. I'm referring to the 2009 report.

24 BY MR. BROADBENT:

25 Q. Essentially that work that you're

1 doing is in answer to a query by the City?

2 A. Yes. And we were -- I believe
3 our correspondence shows that on October the 30th,
4 2009 at noon my administrative assistant forwarded
5 the copy of the report, I believe at the request of
6 Mr. Nazarian, to Bruce Ewald.

7 Q. All right, okay. But I guess
8 what I'm getting is that you know that your
9 responsibilities, in terms of taking your expertise
10 to a site and assessing what you see, your
11 responsibility isn't just the Nazarians, the owners
12 of the malls, it's to the whole public?

13 A. Absolutely.

14 Q. Okay. And my friend had asked
15 you about photographs that were removed, and these
16 were water containment paragraphs. And I think you
17 said that -- your answer was that they were -- they
18 were going to be removed.

19 A. I was told that.

20 Q. You were told that. So that's
21 why you removed the photographs?

22 A. Because since they're being a
23 temporary issue it would not be appropriate to
24 forward it to the mortgagee.

25 Q. Well what I not? I mean

1 obviously you thought they were relevant.

2 A. I didn't expect them to be there
3 any longer than they were there. They were I
4 believe put there until they fixed the leak.

5 Q. But, sir, you'd been in the
6 facility how many times over the years and you've
7 seen this kind of collection device or, you know,
8 other steps taken because of persistent and
9 prevalent leaking. And you would agree with me that
10 that -- that is a real concern because it can
11 severely attack the integrity of the building.
12 Water penetration can attack and compromise the
13 integrity, isn't that true?

14 A. Chlorides more so but yes. But
15 you indicated that I knew it had been leaking over a
16 long period of time. That evidence has been stated
17 that it was in my files.

18 Q. All right?

19 A. But it wasn't my knowledge.

20 Q. You would agree with me though
21 that obviously you took the pictures because you
22 thought they were relevant?

23 A. Absolutely.

24 Q. Okay. I'm not going spend very
25 much time on this, I just have a few questions for

1 you. But, you know, we've heard from you about the
2 bridge issue over the KB river and how in your view
3 certain standards didn't apply because it was
4 private property? Is that essentially --

5 A. That's correct.

6 Q. But you would agree with me that
7 that's a public road that just happens in this
8 particular area where the bridge is to pass over
9 private land, isn't that true?

10 A. It is not a public road. It is
11 signed, gated and people have been prosecuted for
12 being on that land.

13 Q. I see.

14 A. The only person in this room that
15 can legally enter that property is the gentleman
16 over there with the word police on his chest.

17 Q. All right, that's fair.

18 A. There is not another person in
19 this room, not even myself that can legally enter
20 those five townships.

21 Q. And so if your former parter
22 Mr. Saunders says otherwise he would be wrong?

23 A. He is wrong. He has never been
24 to this bridge.

25 Q. All right.

1 A. When you go to this bridge you
2 are escorted by the owner. All vehicles on the
3 property are in radio contact with each other. It
4 is an industrial site governed by the Ministry of
5 Labour.

6 Q. All right. Thank you, sir. And
7 I have no other questions.

8 THE COMMISSIONER: Thank you. Mr.
9 Bisceglia.

10 MR. BISCEGLIA: Thank you.

11 CROSS-EXAMINATION BY MR. BISCEGLIA:

12 Q. Mr. Woods, we obviously know each
13 other. I'm Joe Bisceglia and I'm here for Greg
14 Saunders.

15 A. Good to see you.

16 Q. I would like to cover a few areas
17 with you this morning and perhaps later this
18 afternoon if we don't get finished. First of all I
19 would like to go to your tab 40, Exhibit No. 102.
20 And we have an Exhibit No. 102 at page 0011 which is
21 your October 28th, 2009 report. And I would like to
22 start with the photograph at 0017 which is the
23 exposed underside of grid line 16, do you see that?

24 A. Yes.

25 Q. Okay. I'd like to then take you

1 to document 0033 in that same Exhibit No. 102. Can
2 you help us out as to where grid 16 is looking at
3 the surface of the parking lot in Exhibit No. 102,
4 page 0033?

5 A. Looking at the picture that's got
6 421 on it?

7 Q. Correct.

8 A. 421 is grid line 5. So grid line
9 16 would be 11 grid lines over to the left hand
10 side.

11 Q. When you were asked by
12 Mr. Carr-Harris leakage in the area of grid line --
13 or leakage from the roof coming down into the area
14 of the kiosk, or where the collapse occurred, where
15 was the most extensive leaking in relation to the
16 collapsed beam?

17 A. In Zellers.

18 Q. I beg your pardon?

19 A. The most leak -- sorry?

20 Q. Let me ask this again. Is in the
21 Zellers area in 421?

22 A. Correct. This is the center of
23 Zellers.

24 Q. And there's extensive ponding on
25 the roof deck?

1 A. There is extensive ponding on the
2 roof deck.

3 Q. And in answer to Mr. Carr-Harris'
4 questions I gather you gave that evidence that that
5 is where you noticed the most leaking in the
6 structure?

7 A. Correct.

8 Q. Now --

9 A. In fact I didn't really observe a
10 huge amount of leak -- I didn't observe any leakage
11 at the time of my 2009 inspection, despite the fact
12 the pictures show ponding on roof.

13 Q. That was my next question. I
14 understood your evidence to be that that had been an
15 area where it was leaking, that was the area where
16 it was ponding, but you didn't see any leaking that
17 particular day?

18 A. Correct.

19 Q. And these photographs that I'm
20 referencing now with 0033 were those photographs
21 taken by Mr. Griffa as part of his inspection?

22 A. No, it was taken by me.

23 Q. When was that taken?

24 A. When I did the inspection for
25 this report, I believe it's October the 5th, 2009.

1 Q. Okay.

2 MR. BISCEGLIA: Now if we go to the
3 NORR report Exhibit No. 3007, page 53, Ms. Kuka.

4 BY MR. BISCEGLIA:

5 Q. This is a photograph which shows
6 the area of the collapse?

7 A. That's correct.

8 Q. And when you did your inspection
9 leading to the report of October the 29th -- I want
10 to make sure I have the right date, sir. The 28th,
11 Exhibit No. 102. Can you help us out as to where
12 you were advised was the area of leakage in this
13 particular area where the collapse occurred? What
14 was your understanding?

15 A. Can I point to it?

16 Q. Of course. But you can describe
17 it in words as well for the purposes of the record
18 or we'll assist you in that regard.

19 A. The area where we saw --

20 THE COMMISSIONER: We'll have to hold
21 you up for a minute. We'll get you a microphone.

22 THE WITNESS: The area that we
23 observed was the bottom flange of this beam within
24 the center portion, and it was the bottom flange
25 that the fire proofing had fallen away from and

1 that's what we replaced.

2 BY MR. BISCEGLIA:

3 Q. And what were your observations,
4 if any, with respect to the ends of the area where
5 the beam is located when you did your inspection
6 report -- inspection leading to your report of
7 October 28th, 2009?

8 A. I did not specifically look at
9 them, but you can see that the ends of the
10 connections here are covered in fire proofing.

11 Q. You're pointing to?

12 A. I'm pointing to I believe it's
13 line FX16.

14 Q. Yes.

15 A. Which is at the expansion joint.
16 And it's the expansion joint where you would expect
17 leakage. The expansion joints had been a -- on or
18 above the areas we've heard that the expansion
19 joints had to be replaced many times. Expansion
20 joints are known and prevalent to have caused
21 leakage.

22 Q. Did you observe any leakage when
23 you did your inspection leading to your report of
24 October the 28th in the area of the beam where you
25 pointed to, where you see the beam still held up?

1 A. There was no leakage in this area
2 at the time.

3 Q. Okay. And is it your evidence
4 that you could not see the connection because of the
5 fire proofing that had been sprayed on there, and
6 you point out that it's still there?

7 A. It's still there at that end and
8 I believe it was still there at the other end, but I
9 didn't make a record of it because all I saw was
10 fire proofing.

11 MR. BISCEGLIA: Can we blow that up,
12 Ms. Kuka, that area around the connection? Thank
13 you.

14 BY MR. BISCEGLIA:

15 Q. And that grey material you
16 identify that as being the fire proofing, sir?

17 A. Correct.

18 Q. And it appears to be intact sir?

19 A. It is.

20 Q. And if that area had been leaking
21 what would the water do to the fire proofing that is
22 sprayed on to that steel beam?

23 A. It would have fallen away in my
24 estimation, as I saw in other areas.

25 Q. Thank you.

1 MR. BISCEGLIA: Now, Ms. Kuka, can we
2 bring that over to the other side please? Right
3 there. Back up a little bit.

4 BY MR. BISCEGLIA:

5 Q. On the left center of that
6 photograph, sir, do we see a column?

7 A. We do.

8 Q. And is that -- can you tell us
9 what that column held up if anything?

10 A. That column held up the beam that
11 fell in to the -- that collapsed on the day of the
12 collapse.

13 Q. In and around the column starting
14 from the bottom of that photograph that is on your
15 screen, am I correct in saying that there appears to
16 be drywall and metal studding?

17 A. There is.

18 Q. And that metal studding and
19 drywall cover the column, sir?

20 A. It would appear to have -- it
21 might have covered the connection.

22 Q. And just to assist you in that
23 regarding, if we go to page 120 of the NORR report.
24 We're told in evidence, sir, that this is part of
25 the beam and column of the failed connection. Could

1 you help us out as to what if anything you observed
2 at the sides of that beam, grey coloured matter?

3 A. That would be fire proofing.

4 Q. Thank you. And did you notice
5 any leaking in the area of that failed connection
6 when you did your inspection and you observed the
7 fire proof missing in the middle section of the
8 beam?

9 A. No.

10 Q. And what was the fire proofing
11 material -- what condition was it in when you
12 observed it? Was it intact and on the beam and
13 column area that you could see?

14 A. I don't really recall.

15 Q. But you didn't observe any
16 leakage?

17 A. I didn't observe any missing or I
18 would have noted it.

19 Q. Can you help us out, in the
20 photograph on the screen at page 120 of the NORR
21 report where the person is holding a -- what do you
22 call that device?

23 A. A T-square, or angle --

24 Q. It's a little more than a
25 T-square based on the information that's there. But

1 in any event, can you give us your opinion looking
2 at that photograph, what is the material on the top
3 of that steel column -- or beam, I'm sorry.

4 A. Are we talking --

5 Q. On the right hand side you'll see
6 some --

7 A. That would be fire proofing.

8 Q. Fire proof. Thank you. I would
9 like to go to another area now, please.

10 Mr. Carr-Harris asked you some questions with
11 respect to notes found at tab 39 of your document
12 brief Exhibit No. 3504.

13 In fairness to you, sir, and I don't
14 mean that Mr. Carr-Harris was not fair to you. But in
15 fairness for your appreciation of that issue, I would
16 like to take you to tab 50, which is Exhibit No. 1446 I
17 believe. Sir, we were advised that these are Paul
18 Officer's notes and this was written to Mr. Bruce
19 Ewald. And what you had -- I just want you to take a
20 minute and read that and in particular the second page,
21 and then I'll ask you some questions.

22 A. The handwritten notes or the --

23 Q. No, I would like you to read the
24 typewritten.

25 A. Okay.

1 Q. Just to help you out my
2 appreciation of what Mr. Carr-Harris put to you at
3 tab 39 were the handwritten notes of Mr. Officer?

4 A. Yes.

5 Q. Mr. Officer then sends to Bruce
6 Ewald, the Chief Building Official for the City of
7 Elliot Lake, the memo which is at tab 50, Exhibit
8 No. 1446.

9 A. Correct.

10 Q. Okay. And then if you go to tab
11 55, which is Exhibit No. 1443. You'll see an
12 exchange of e-mails between Mr. Officer and
13 Mr. Ewald.

14 A. Okay.

15 Q. And this -- at tab 55, Exhibit
16 No. 1443 appears to be the most comprehensive
17 communication between Mr. Ewald and Mr. Officer
18 relative to the Dimitri Yakimov information
19 regarding the movement of the slabs.

20 And I take you to entry of
21 October 128th, 2009, which is page 0255 of Exhibit No.
22 1443. I'll read it to you. It says:

23 "Dimitri came in at 11:00 a.m.
24 this morning. He informed me that he
25 has concerns with the mall, that work

1 will not be addressed correctly as
2 Mr. Nazarian asked him to stall the
3 Fire Department and to use the water
4 leak issue. Dimitri said he would
5 not and he was let go off as of
6 today. (This could be sour grapes?)

7 He also advised he spoke to Bruce
8 Ewald and gave him copies of the
9 drawings as he has concerns of 2
10 panels on the car park level just
11 outside the lobby doors and also to
12 the left of the doors. He indicated
13 that his hotel audit dealing with
14 H.R. Wright inspection with Mr. Bob
15 Wood showed that the drawings of the
16 area in question has core slab and
17 3 inches of concrete topping."

18 Now he didn't say that he told you about
19 it, but that's the information he gave to Mr. Officer.

20 "Upon inspection, the area shows the
21 core slab and 6 inches of concrete
22 topping. He is concerned about the
23 added weight of the extra
24 three inches of concrete. He also
25 indicated there is a substantial

1 amount of movement on this location.
2 I asked if this new concern about the
3 integrity of the core slab in the
4 scope of work for H. R. Wright and
5 he, Dimitri, indicated that it was
6 not."

7 So it looks like it's Dimitri Yakimov
8 who told Paul Officer that he didn't think it was
9 within your scope of work. So then it goes on it says:
10 "I called Bob Wood." Do you remember being in a
11 position of receiving a call from either Mr. Officer or
12 Mr. Ewald about your scope of work?

13 A. I don't -- I believe he called to
14 find out where the report was and to inform me that
15 there was -- remind me that there was a time frame
16 of October 30th for the submission.

17 Q. Okay. And in fairness to
18 yourself the next line says exactly that. It says:

19 "I called Bob Wood (of H.R.
20 Wright) at 11:30 October 28, 2009 and
21 discussed his report. He is hoping
22 to have it out by the end of the
23 week."

24 He goes on to say:

25 "His main concern is that the

1 underside of the 200 lineal feet of
2 beam is exposed and will be
3 recommending that the fire proofing
4 be corrected within 30 days."

5 It goes on to say:

6 "I advised that would be acceptable
7 providing we have a schedule
8 outlining the process i.e:

- 9 1. Building permit
- 10 2. Building Controls and Fire
11 Department approval of the
12 application process and time
13 schedule.
- 14 3. Verification of the process by
15 H.R. Wright.

16 Mr. Wood indicated this is not
17 part of his scope of work at this
18 point."

19 It goes on to say:

20 "I indicated to Mr. Wood that
21 we'll not be delaying. If the
22 process is not moving to our
23 satisfaction I will be placing an
24 Order on the property giving him 30
25 days to have the work completed and

1 verified."

2 My question to you is this, after the
3 report went out to Mr. Nazarian of October 28th, 2009,
4 and that was passed on to the City of Elliot Lake, was
5 there any complaint by the City that the scope of work
6 that you outlined in your report of October 28th, 2009,
7 and as you might have had a discussion with
8 Mr. Officer, was inappropriate and not acceptable to
9 the City of Elliot Lake?

10 A. No.

11 Q. Did you at any time receive any
12 instruction to enhance or expand the scope of work,
13 other than what you outline in your report of
14 October 28th, 2009 by any City official?

15 A. No.

16 Q. Were you ever asked to do so by
17 Mr. Nazarian or anyone on behalf of Mr. Nazarian?

18 A. No.

19 Q. Did you ever discuss your scope
20 of work with Dimitri Yakimov?

21 A. No.

22 Q. That's relative to the
23 October 29 --

24 A. Yeah, because he was -- I don't
25 know where he was. I never met him after the

1 meeting on site.

2 Q. In looking at Exhibit No. 102 at
3 tab 40 it's my appreciation of your evidence, based
4 on the documentation, that you were concerned with
5 respect to the fire proofing and you made certain
6 recommendations, and ultimately your firm did some
7 inspection work in that regard, is that correct?

8 A. Correct.

9 Q. And in order to put the fire
10 proofing on they had to clean the beams?

11 A. Yes.

12 Q. Paint the beams. And then put
13 the --

14 A. I'm not sure they painted them
15 but --

16 Q. I'm trying to understand the
17 process.

18 A. Like many structures within
19 occupied buildings are never -- the steel is never
20 painted, especially when you're designing them with
21 composite design which is not the case here.

22 Here the structures were painted to
23 attempt to prevent rusting during the initial
24 construction period when water and -- they are exposed
25 to the elements. So the purpose of the paint is not

1 something that you -- or the application of paint is
2 something that you do not put in to an occupied
3 building.

4 Q. Do you have any recollection
5 today as to what the prep work was?

6 A. They would have cleaned the steel
7 off so it was suitable to apply the fire proofing.

8 Q. And was there an inspection done
9 by your staff during the course of that process?

10 A. We had -- we had an inspector
11 there and he had -- it was done on nightshifts. So
12 that the inspector was there during the night and
13 inspected the work.

14 Q. And after the collapse in the
15 area of the beam that we are concerned about
16 primarily, did you make any observation as to
17 whether or not that fire proofing was still there?

18 A. I looked up -- you mean in 2012?

19 Q. Yes, sir.

20 A. Yes I did.

21 Q. And what did you see?

22 A. I saw the fire proofing there.

23 Q. And did you --

24 A. You can see it still there in the
25 NORR photograph.

1 Q. And did you see that when you did
2 your review of the premises leading to the May 3rd,
3 2012 report?

4 A. Yes.

5 Q. Or May 4th?

6 A. I think it's the 3rd.

7 Q. Now the nature of the fire
8 proofing that was used can you help us out? You
9 speced that out for the contractor did you not?

10 A. Yes.

11 Q. And the fire proofing that was
12 utilized was it water absorbent?

13 A. No.

14 Q. Am I correct in saying that with
15 respect to that fire proofing can you help us out as
16 to its character? In other words, if it's sprayed
17 on and there is corrosion what is your view as to
18 the ability of that material that is sprayed on to
19 stick, first of all? Will there be adhesion?

20 A. Yes.

21 Q. And will that material fall off
22 if there's water penetration? How does that work?

23 A. The -- I can't profess to be an
24 expert on that.

25 Q. I don't want you to guess if you

1 can't assist us?

2 A. I don't know.

3 Q. Thank you. There is a letter
4 from Mr. Ewald to Mr. Nazarian dated November 12th,
5 2009, found at tab 53 of your material.

6 MR. BISCEGLIA: And I must confess I
7 don't have the exhibit number Mr. Commissioner.
8 It's document number ending 783. Exhibit No. 5226
9 Ms. Kuka, thank you.

10 BY MR. BISCEGLIA:

11 Q. This letter is dated November 12,
12 2009, well after your delivery of the report to
13 Mr. Nazarian of 2009, and received by the City.

14 Were you in touch with Mr. Ewald and or
15 his inspectors that were on site during the course of
16 the fire proofing activity?

17 A. No.

18 Q. You did exchange correspondence
19 though with them with respect to the areas of fire
20 proofing?

21 A. I believe correspondence was
22 exchanged with probably Paul Officer and maybe
23 Ewald. I'm not sure without looking at the -- it
24 was definitely sent to the City of Elliot Lake.

25 Q. Did you have anything to do with

1 the application for a building permit?

2 A. No.

3 Q. I take you to Exhibit No. 104
4 found at tab 57 of your document brief. There is a
5 series of letters starting with this Exhibit No. 104
6 dealing with the issue of the fire proofing. After
7 this work was done in 2009, 2010, was there ever any
8 complaint made by either Mr. Nazarian, or the
9 Building Department of Elliot Lake, or the Fire
10 Chief with respect to the waterproofing not being
11 there or there was leakage in the area where the
12 fire proofing had taken place in the area of G16.

13 A. Not to my knowledge.

14 Q. Now you gave some evidence in
15 cross-examination of the other activities and work
16 that was done by M.R. Wright after the inspection
17 leading to the report of 2009. And you did some
18 work for Retirement Living you've testified about?

19 A. We never worked for Retirement
20 Living.

21 Q. No, you did some work in the mall
22 where Retirement Living was going to be located.

23 A. Correct.

24 Q. You did work for an area where
25 Service Canada was going to be located?

1 A. Correct, we did that prior to the
2 2009 report.

3 Q. Right. During the time that you
4 were there doing any fire audits or any other work
5 after 2009, did anyone ever come to you complaining
6 about areas of the roof, or bring to your attention
7 leakage of the roof before you went there in 2012?

8 A. In the period between writing the
9 report.

10 Q. Yes.

11 A. No.

12 Q. No. So just that I'm clear about
13 this and in terms of your evidence, am I correct in
14 saying that when you did your inspection in 2009,
15 obviously M.R. Wright had a number of mould
16 assessments that were done with respect to the mall?

17 A. Correct.

18 Q. And the mould assessments were
19 done for various individuals, either insurance
20 companies, the bank or remediation people.

21 A. Correct.

22 Q. If we can review them.

23 Notwithstanding those mould investigations and the
24 testing that was conducted prior to 2009, would you
25 agree with me that your observations and your

1 findings in your inspection leading to the report of
2 2009, October the 28th, in essence trumps anything
3 that may have happened because you made observations
4 in 2009 based upon your experience that structurally
5 there was no issue?

6 A. Correct.

7 Q. And what relevance, if any, even
8 if you'd known about the mould reports, what
9 relevance if any would those mould reports have had
10 on your investigation in 2009. Would there have
11 been any?

12 A. I would have known that there had
13 been leakage if I had found them.

14 Q. And would that have affected the
15 way you did things in 2009?

16 A. I would have been more concerned.

17 Q. Right. Would you have done any
18 further testing than what you did?

19 A. Probably.

20 Q. Okay.

21 A. I would have definitely gone to
22 the library which I was not directed to.

23 Q. So the 2009 inspection was
24 conducted based upon what the owner had told you?

25 A. I was basing it on what Fabris'

1 letter said to review the deficiencies that was
2 noted in the Order to Remedy.

3 Q. I see. As of November 16th, 2011
4 you were suspended, is that correct?

5 A. Correct.

6 Q. And at that point in time you
7 were unable to sign anything as a professional
8 engineer, you no longer had that standing in the
9 Province of Ontario, is that correct?

10 A. That's correct.

11 Q. And at that point in time
12 Mr. Saunders, my client, was the person responsible
13 as a P.Eng. for the certification of M.R. Wright?

14 A. That's correct.

15 Q. With PEO?

16 A. Correct.

17 Q. And am I correct in saying that
18 you advised your clients that the work that you were
19 doing -- that you had retired from the practice of
20 engineering and you were no longer a P.Eng.?

21 A. I had advised most of my major
22 clients that I had ongoing work with.

23 Q. And did you tell them that you
24 couldn't sign or you couldn't do any engineering
25 work and be responsible?

1 A. I told them that I could get it
2 reviewed within the firm and get it signed and
3 sealed by other engineers.

4 Q. But that you wouldn't be able to
5 do that?

6 A. I could not do that.

7 Q. Did you tell them that that you
8 couldn't do that?

9 A. The majority. I don't think I
10 sent out a circular or any notice to that effect. I
11 just -- I would have told -- as I said, the major
12 clients that I dealt with.

13 Q. And after that occurred would you
14 agree with me that there was a process put in place
15 in the firm that your work had to be reviewed by
16 other engineers?

17 A. I put that in place, yes.

18 Q. And the other engineers who
19 supervise your work were in fact expert or familiar
20 with the areas that they were supervising you on?

21 A. Correct. I took it to the most
22 appropriate engineer.

23 Q. And am I correct in saying that
24 you did not take on any new clients at that point?

25 A. No.

1 Q. And that you were wrapping up
2 with the supervision of the other engineers the
3 existing contracts, or the existing projects that
4 you were involved in?

5 A. We were in discussion as to how
6 we would proceed and we never got to a final
7 conclusion of that.

8 Q. In terms of?

9 A. In terms of how we were going to
10 continue to operate.

11 Q. Well I'm not getting into the
12 corporate structure I'm just talking about the
13 engineering aspects. You had other engineers
14 supervise you, you hadn't worked out the dollars and
15 cents or the financial arrangements for you to get
16 out. I'm not worried about that.

17 A. Okay.

18 Q. I don't have an interest in that?

19 A. I had more of an interest in
20 that.

21 Q. You may well have. My question
22 to you though, sir, is am I correct in saying that
23 at the insistence of Mr. Saunders, and the other
24 P.Eng.'s, you were not to take on any new clients
25 and you agreed with that, correct?

1 A. Correct.

2 Q. Number one. Number two, that you
3 were not to sign or send out any reports, or
4 drawings and so forth without those items being
5 discussed and reviewed by the P.Eng.?

6 A. Correct.

7 Q. And that your work had to be
8 supervised by the appropriate engineer within the
9 firm?

10 A. Correct.

11 Q. And that continued until the end
12 when in essence M.R. Wright was dissolved?

13 A. Correct.

14 Q. And in that situation am I
15 correct in saying that -- and in particular
16 Mr. Saunders did not sign, and he would not review
17 some of your work because he felt uncomfortable in
18 doing so, or not capable of doing so. He didn't
19 sign everything that you came to him with.

20 A. No, he recommended I take it to
21 other engineers.

22 Q. Right. And he has testified that
23 he would only do reviews of your work in areas that
24 he had some comfort level?

25 A. I wouldn't have expected anything

1 else.

2 Q. And so just so that I'm clear, in
3 Mr. Saunders' management of the firm, because at
4 that point he became the manager?

5 A. He was before.

6 Q. But now he's also the P. Eng?

7 A. He also held the certificate of
8 authorization.

9 Q. In place was a process where by
10 your work was supervised by the appropriate P.Eng.,
11 you couldn't deal with the technicians, the P.Eng.'s
12 dealt with the techs in terms of supervising their
13 work?

14 A. They would have, yes.

15 Q. Yes. And you would have to meet
16 with not only Mr. Saunders but also the appropriate
17 engineer to discuss what work you had done, give
18 them the information and then they would either
19 approve of your work or not approve of your work?

20 A. Correct.

21 Q. And if in the course of doing
22 that they relied upon you to give them a full and
23 detailed report of the scope of your work, your
24 investigation and what information you had available
25 so that they could come to a full and proper

1 determination as to the acceptability or not
2 accepting your work?

3 A. Absolutely.

4 Q. And that brings me to the
5 situation of the report of 2012 and in May.
6 Mr. Saunders testified that the process took
7 approximately 45 minutes or so to review the
8 material and have a general discussion about what
9 happened, do you agree with that approximate
10 timeframe?

11 A. Yes, yes.

12 Q. And he indicated that he asked
13 you about the scope of work that you were required
14 to do?

15 A. Right.

16 Q. Ask you advised him that it was
17 for a visual inspection, the client wanted a visual
18 inspection of the premises for the purposes of a
19 mortgage?

20 A. Correct.

21 Q. Mr. Saunders wasn't sure if it
22 was for refinancing or for a new mortgage?

23 A. I wasn't either.

24 Q. But he thought it was for a
25 mortgage?

1 A. Correct.

2 Q. And am I correct in saying that
3 Mr. Saunders asked you what mall -- what area of the
4 mall you had inspected?

5 A. Yes.

6 Q. And that you advised him that you
7 had walked the entire mall?

8 A. Yes.

9 Q. And that you had conducted a
10 visual inspection of the entire mall?

11 A. Correct.

12 Q. He also indicated -- would you
13 agree with me, that you told him that you did not
14 meet Rhonda Bear, but you were supposed to have met
15 her, but that you were shown around by an employee?

16 A. Correct.

17 Q. And the employee brought you to
18 the areas that the employee felt you should look at,
19 and in addition to that it's my appreciation of your
20 evidence you also looked at the other areas where
21 you had done an inspection in 2009?

22 A. I wandered around the mall on my
23 own after being shown the areas by Mr. Neave. When
24 I said I inspected I didn't go into every hotel room
25 or --

1 Q. No.

2 A. It's the catch-all, did you look
3 at all? Did you look at the entire? I looked at
4 everything was available to me. I got Mr. Neave to
5 unlock mechanical rooms. I looked in electrical
6 rooms, et cetera, et cetera.

7 Q. And am I correct in saying that
8 you did not advise Mr. Saunders that you had
9 conducted an inspection in 2009, is that correct?

10 A. That's correct.

11 Q. And he was not given any history
12 of the mall with respect to the nature and extent of
13 the leaks, other than it had been leaking for a few
14 years?

15 A. That was my understanding so I
16 would have relayed that to him.

17 Q. I'm advised, and I believe you
18 also told Mr. Saunders, that there was some ceiling
19 tiles that were down, that you had seen some
20 makeshift collection system that we have the
21 photographs of but you thought that that was only
22 temporary?

23 A. That's correct. The ones below
24 the ceiling.

25 Q. Yes.

1 A. Yes.

2 Q. And you've testified here in
3 court today -- I'm sorry, here at this hearing that
4 the other arrangements above the T-bar structure had
5 been there of long duration and had not simply --
6 were no longer used?

7 A. That's the way they appeared.
8 They had -- they had taps above the ceiling tile,
9 and they are shown in my -- there are some shown in
10 my 2009 report.

11 Q. But I got the impression from
12 your evidence today that you assumed that they had
13 been put up there, were no longer in use but simply
14 left there as a matter of economics?

15 A. Correct.

16 Q. You also told of being questioned
17 by Mr. Saunders that you had walked not only the
18 interior of the mall to do your visual, but you also
19 walked the exterior of the mall and looked at the
20 areas that had been exposed to the elements?

21 A. I looked at most of the exterior.
22 Some of the exterior was built into the mountain so
23 I couldn't really see that, but --

24 Q. Right.

25 A. Yes.

1 Q. And that you only observed
2 surface rust in terms of the walkabout on the
3 outside of the mall in the areas that you looked at?

4 A. I saw patches of rust at the
5 bases of diagonals, bases of columns, that sort of
6 area where it's quite common to see rust.

7 Q. You discussed with Mr. Saunders,
8 as I understand it, the degree of rust that you
9 observed, and that you in fact described it as
10 surface rust, and that there was no loss of section
11 that you observed?

12 A. There was no visual indication
13 that there was loss of section in the corrosion that
14 I observed.

15 Q. And in the context of those
16 discussions a number of photographs were reviewed,
17 some of which ultimately made it into your report
18 and some of them which didn't make it into your
19 report?

20 A. That's correct.

21 Q. And each of those photographs was
22 looked at by you and Mr. Saunders, and that was
23 discussed in terms of what they depicted, your
24 observation, your opinion and why you held that
25 particular opinion?

1 A. Why I took that picture.

2 Q. Yes.

3 A. Yes.

4 Q. You also told Mr. Saunders, I
5 understand, that the roof was being repaired at the
6 time that you conducted your 2012 inspection, is
7 that correct?

8 A. No.

9 Q. That it was going to be repaired?

10 A. They had material --

11 Q. I'm sorry.

12 A. They had material stored on the
13 site that they were going to use to repair. I never
14 looked at exactly what it was but they were planning
15 to do work.

16 Q. Would I be correct, sir, in
17 saying that after you ceased to be a licensed P.Eng.
18 for the Province of Ontario, until the fact that
19 Mr. Saunders left the firm, that you were supervised
20 by him and that you took no action independent of
21 his supervision, from a P.Eng. perspective at least?

22 A. Correct.

23 Q. I not saying he --

24 A. From his perspective or another
25 engineers perspective.

1 Q. I'm not suggesting that he
2 babysat you or anything of that kind, but I'm
3 talking about a professional level.

4 A. Yes.

5 Q. Now I understand that
6 Mr. Saunders resigned from the firm the day before
7 this collapse, that he had taken a position with
8 another company?

9 A. That's -- I don't have
10 documentation of that, but --

11 Q. Well he told members of the firm
12 that he was leaving the firm?

13 A. He told us that after the
14 collapse that he'd made that decision.

15 Q. Now, we heard about the ownership
16 structure. And at the time of the winding up of
17 this company you had an 80% interest in the firm?

18 A. Correct.

19 Q. And Mr. Saunders had started off
20 with a 5% interest and then he was working up to a
21 20% interest but he never paid for those shares?

22 A. No. He made a down payment.

23 Q. Right, he had made a nominal
24 investment to purchase those shares but that was
25 never concluded?

1 A. No.

2 Q. Sir, I'm just -- looking at my
3 notes I think I'm done. Sorry, I would like to deal
4 with Exhibit No. 110.

5 JUSTIN: Sorry, the internet has gone
6 down momentarily.

7 THE COMMISSIONER: Let's just hold
8 off for a moment. You're nearly finished, Mr.
9 Bisceglia? Is it worth putting you over to 2:00.

10 MR. BISCEGLIA: Don't mind being put
11 over. I'm going to the reports and the amendments
12 and that sort of stuff, it might take a bit of time.
13 I'm usually quick and to the point but this is of
14 some importance to my client.

15 THE COMMISSIONER: Well why don't we
16 put it over to 2:00 and this way we'll be sure we
17 have reestablished our connection.

18 --- Luncheon break taken at 12:35 p.m.

19 --- Upon resuming at 2:00 p.m.

20 THE COMMISSIONER: Mr. Bisceglia.

21 MR. BISCEGLIA: Thank you. Before
22 completing my cross-examination of Mr. Wood I would
23 like to indicate to you, sir, that a media coverage
24 of the proceedings yesterday indicated that
25 Mr. Saunders ostensibly lost his license to practice

1 engineering as a result of the collapse. You Honour
2 -- I'm sorry, Mr. Commissioner, you heard the
3 evidence in that regard. Steps have been taken to
4 try and correct that, but it would be much
5 appreciated if you would simply go on the record
6 today to assist us in correcting that error.

7 Factually speaking Mr. Saunders has not lost his
8 license to practice engineering and is still in good
9 standing with the PEO.

10 THE COMMISSIONER: He has regained
11 his license -- or I gather it was never lost?

12 MR. BISCEGLIA: It was never
13 suspended, never lost.

14 THE COMMISSIONER: I agree with what
15 you say, Mr. Bisceglia, because that's the evidence
16 before me I have no reason to think otherwise.

17 MR. BISCEGLIA: And we have PEO here
18 being represented at this hearing.

19 THE COMMISSIONER: I'm sure they'll
20 stand up and correct me if I'm wrong.

21 MR. BISCEGLIA: Thank you.

22 BY MR. BISCEGLIA:

23 Q. I was going to start with the
24 May 3rd letters just before the break. And in
25 reviewing my notes there's one area I want to

1 canvass with you before I start in that area.

2 We heard evidence from Mr. Ewald from
3 the City of Elliot Lake indicating that upon the
4 receipt of your report of 2009 there was a word "draft"
5 on that report. And his evidence was that on receiving
6 it he called you and tried to clarify with you if that
7 indeed was a draft report or if that was in fact "the"
8 report that you were preparing. Do you have any
9 recollection of that conversation?

10 A. No.

11 Q. Thank you. Now dealing with
12 Exhibit 796, and Exhibit No. 110. Exhibit No. 110,
13 sir, is the letter or report signed by both yourself
14 and Mr. Saunders, and that's coming up on the
15 screen. That would be at tab 98 of your document
16 brief?

17 A. Okay.

18 Q. And I asked you some questions
19 with respect to what had transpired between you and
20 Mr. Saunders before Mr. Saunders and yourself signed
21 that. Would you agree with me that the process that
22 was followed was based on the fact that Mr. Saunders
23 had no reason to believe that you were not competent
24 or knowledgeable about the subject matter involving
25 a visual inspection?

1 A. That's correct.

2 Q. In other words he had every
3 reason to appreciate that you could handle the job
4 or the task at hand, i.e., to conduct the visual
5 inspection?

6 A. That's correct.

7 Q. You didn't suffer from any
8 medical disabilities, or any disabilities of any
9 kind, that would prohibit you from conducting that
10 inspection?

11 A. I did not.

12 Q. And you advised him as to the
13 scope of work and the client information and that
14 was noted in the report, is that correct?

15 A. Yes.

16 Q. And that was in keeping with the
17 typical protocol you had in your office at that
18 time?

19 A. It was.

20 Q. And you had reviewed the results
21 stated in your report, arising from your inspection,
22 and you and he discussed your opinion in that
23 regard?

24 A. That's correct.

25 Q. And did Mr. Saunders ask you

1 questions concerning the inspection relating to the
2 loss of suction or any aspects shown in the
3 photograph?

4 A. I'm sure we discussed items that
5 were in the photographs.

6 Q. You heard his evidence yesterday?

7 A. I was here, I don't specifically
8 recall exactly what he said.

9 Q. I see. In any event you did not
10 make note of anything that he said that you take
11 objection with respect to events leading up to him
12 signing that?

13 A. No, I think he was in agreement
14 with what I presented to him.

15 Q. And he indicated that he himself
16 forwarded the report of May 3, 2012, Exhibit No.
17 110, to Rhonda Bear at Eastwood Mall, you heard that
18 evidence?

19 A. That's my understanding, yeah.

20 Q. So that is the original and
21 genuine document, if I can put it that way, at
22 Exhibit No. 110, is that correct?

23 A. That is the document that
24 Mr. Saunders and I signed and is the original
25 document.

1 Q. And Mr. Carr-Harris took you
2 earlier today through the various e-mails with the
3 Eastwood Mall personnel asking for certain changes,
4 both with respect to the photographs, and the
5 content, and the phraseology that was use. And I
6 won't go over that again, but you acknowledged you
7 did that?

8 A. I did that.

9 Q. You made the changes?

10 A. Yes.

11 Q. And you also acknowledge that
12 Mr. Saunders was not party to those changes nor was
13 he made aware of it?

14 A. That is correct.

15 Q. And you did not seek his
16 permission in that regard?

17 A. I did not.

18 Q. And in the fullness of time,
19 after making the various changes and eliminating the
20 photograph -- Exhibit No. 796 was sent by you to
21 Rhonda Bear, which is at tab 97 of your production
22 booklet.

23 A. It was.

24 Q. And to facilitate that change
25 it's my understanding that the second page of the

1 original genuine article was used in and attached to
2 the amended version, which went out after the
3 pictures were deleted and after the phrasing and the
4 clerical changes were made to the third paragraph
5 from the bottom of page 1?

6 A. That's correct.

7 Q. And you would agree with me then
8 that the recipient of Exhibit No. 796, with those
9 changes made and continuing to have page 2 with
10 Mr. Saunders' signature, would have led the
11 recipient to believe that the draft -- I'm sorry,
12 the Exhibit No. 796 was a genuine article?

13 A. Correct.

14 Q. Which it was not?

15 A. Correct.

16 Q. Thank you. Those are all of my
17 questions, sir.

18 THE COMMISSIONER: Thank you.

19 MR. CARR-HARRIS: I wonder if we
20 could get some idea of the length of time from
21 Counsel, Commissioner, for this afternoon.

22 THE COMMISSIONER: Mr. Cassan.

23 MR. CASSAN: Three minutes.

24 MS. PRICE: Five.

25 MS. SMITH: None for me.

1 MR. MYLES: None.

2 THE COMMISSIONER: None for you.

3 MR. LITTLE: No questions.

4 THE COMMISSIONER: There you go.

5 JUSTIN: I have no internet connection.

6 THE COMMISSIONER: You have to hold
7 on, Mr. Cassan.

8 JUSTIN: I think the wireless is down
9 too.

10 THE COMMISSIONER: VPN is down too.
11 Are you dependent on Ottawa?

12 JUSTIN: No, but it's back on now.

13 THE COMMISSIONER: Do you need to
14 reboot?

15 JUSTIN: No.

16 THE COMMISSIONER: Okay.

17 CROSS-EXAMINATION BY MR. CASSAN:

18 Q. If I can have Exhibit No. 103.

19 Good afternoon, Mr. Wood. You and I know each
20 other?

21 A. Yes.

22 Q. But I'm here on behalf of the
23 City of Elliot Lake.

24 I'm taking you to the first page of your
25 October 28th, 2009 report. And Mr. Bisceglia asked you

1 about the notation of it being a draft report and asked
2 you about the conversation that Mr. Ewald testified
3 about. You've said you don't recall that. But was it
4 your intention that this became the final report?

5 A. Absolutely.

6 Q. Right. And so it was your
7 intention that this would be relied on by
8 Mr. Nazarian and the City?

9 A. The term "draft report" was put
10 on when it was first submitted to the client and it
11 was never removed, nothing was changed.

12 Q. And if we can turn to the last
13 page it was signed and sealed and so I suspect that
14 indicates your intention in that respect?

15 A. If I signed and sealed it it was
16 intended to be the final report.

17 Q. Sure. The next issue, I just
18 want to take you to the inspection of the failed
19 connection.

20 A. Okay.

21 Q. And am I correct in understanding
22 that the connection that failed was actually
23 obscured from your view when you did this inspection
24 in 2009?

25 A. I believe so.

1 Q. And it would have been obscured
2 by drywall?

3 A. It would definitely have been
4 obscured by fire proofing.

5 Q. Yes.

6 A. And I believe Mr. Bisceglia
7 showed me some photographs that it could have been
8 concealed by drywall. There was a drywall ceiling
9 in that area so it would have been very difficult to
10 get to because you can't poke your head above
11 drywall. And I believe there was a drywall
12 partition which would have separated the occupied
13 part of the mall from the actual premises, there
14 would have to have been -- well there is and we
15 included it in our design of some of the tenant
16 spaces, that there be a separation between the main
17 corridors of the mall and the actual leased
18 premises. That's a Code requirement.

19 Q. Okay. And do you recall whether
20 there was any indication of leaking on the drywall
21 or the material that was obscuring that connection?

22 A. I did not observe any to my
23 recollection. If I had I'd have gone and
24 investigated it.

25 Q. Sure. And can you tell us why

1 you wouldn't include in this 2009 report an
2 indication that there may be areas that you did not
3 expect -- inspect sorry, that were obscured by
4 various materials? Is it typical that you would do
5 that?

6 A. Well the materials that excluded
7 the visual examination were materials that would
8 have been damaged by water penetration, and as such
9 would show -- would show up as an area that I should
10 be inspecting.

11 Q. I see. So there would have been
12 a sign you expect on those materials?

13 A. I believe that that would be
14 true.

15 Q. Okay, good. Thank you very much,
16 sir, those are my questions.

17 THE COMMISSIONER: Ms. Price.

18 MS. PRICE: Thank you.

19 CROSS-EXAMINATION BY MS. PRICE:

20 Q. Good afternoon, Mr. Wood. My
21 name is Leah Price. I'm Counsel with the
22 Professional Engineers of Ontario. Now I just have
23 a few questions for you regarding your
24 communications with the PEO, if you'll bear with me,
25 and I'll ask them to you now.

1 You had discussed with Mr. Carr-Harris
2 briefly your communications with the PEO, your letter
3 dated August 31st which was Exhibit 5237, there's no
4 need to turn it up. And that was a letter in which you
5 wrote and you mentioned that there was no V exam, that
6 there were B exams, you recall that letter?

7 A. I recall that letter.

8 Q. Right. And in that letter you
9 indicated that a failure to respond by the PEO would
10 amount to agreement to the comments you made in that
11 letter, you recall that?

12 A. I recall that.

13 Q. But the PEO did respond to the
14 letter?

15 A. They did.

16 Q. All right. And I'm not sure if
17 this has been made an exhibit so if it hasn't I
18 would like it to be made an exhibit. I understand
19 that in Relativity we have a document, and it's in
20 your brief somewhere, but these are short letters it
21 may not be necessary to dig around for it. It's
22 PEO0000001224. And I don't have a note that this
23 was an exhibit so if it was someone can let me know.
24 Exhibit No. 5214. So Exhibit No. 5214 then is a
25 letter dated -- should be a letter dated

1 September 19, 2001?

2 THE COMMISSIONER: That doesn't
3 appear to be a letter.

4 MS. PRICE: That's not a letter.
5 Exhibit No. 1224.

6 MS. KUKA: Oh, that's Exhibit No.
7 5238.

8 BY MS. PRICE:

9 Q. Thank you, so that's what we're
10 look for is Exhibit No. 5238. It's a little
11 difficult to read here but this is in fact the
12 response. And if we can just turn to the second
13 page and that is by Linda Latham, P.Eng., Deputy
14 Registrar Regulatory Compliance. Your letter had
15 originally been sent to the Tribunal Office but it
16 was responded to by the Deputy Registrar Regulatory
17 Compliance, who is in charge as you know of dealing
18 with matters like enforcing penalties?

19 A. Yes.

20 Q. And let's go to the first page.
21 And just looking at the letter it indicates that the
22 PEO is in receipt of the letter of August 31st. And
23 just looking at the second paragraph, please. It
24 says:

25 "The penalty that you reference was

1 made by joint submission (ie. agreed
2 to by both parties to the
3 proceedings) as part of a plea
4 agreement."

5 That's perfectly accurate isn't it?

6 A. Yes.

7 Q. And in reviewing your letter it
8 goes on to say that the Association agrees that it
9 is apparent:

10 "...that a typographical error
11 (substituting a 'V' for a 'B') was
12 made in the identification of the
13 technical examinations required to be
14 successfully completed as part of the
15 penalty. As this was a joint
16 submission ... it would seem the
17 error was overlooked by both
18 parties."

19 So it appears that there was a mere
20 typographical error in the time between time that
21 Counsel all sat down and agreed, and the parties,
22 including yourself, agreed to what exams were to be
23 written, and the time it then got typed up and moved
24 through the process, correct?

25 A. That's correct.

1 THE COMMISSIONER: Russian or
2 Ukrainian.

3 MS. PRICE: I'm sorry?

4 THE COMMISSIONER: The typist must
5 have been Russian or Ukranian, they interpose Vs
6 for Bs.

7 MS. PRICE: Actually what I thought
8 was more likely, and the typists among us would
9 know, I understand the V and the B are side-by-side
10 on every keyboard and all it takes --

11 THE COMMISSIONER: There is that as
12 well.

13 MS. PRICE: -- is a very slight slip
14 of a finger.

15 BY MS. PRICE:

16 Q. And that is probably what
17 happened right, Mr. Wood?

18 A. Correct.

19 Q. But however it was as the letter
20 goes on to say: "The required technical
21 examinations are 98-Civ-B1 98-Civ-B2." And you were
22 aware that that was the exams to be written?

23 A. Correct.

24 Q. All right. And then it goes on
25 to say that:

1 "The penalty orders that the
2 Registrar suspend your licence for 12
3 month on the day after 12 months from
4 the date of the decision if you do
5 not pass the association's
6 professional practice examination and
7 the two technical exams."

8 And just going on and reading the second last part
9 of that paragraph:

10 "Notwithstanding the typo in the
11 title of the technical exams, you
12 have not written and passed the PPE,
13 and given that the next writing of
14 the PPE is December 10, 2011 you will
15 not be able to meet the deadline."

16 So you were informed of the fact that
17 you had taken no steps to write anything, including the
18 PPE. And you knew that? You had not taken any steps,
19 correct?

20 A. No, I hadn't taken any steps.

21 Q. Right. And you were given two
22 alternatives in the next paragraph, and I'm not
23 going to read that in detail I'm just going to
24 summarize. Essentially what the PEO was prepared to
25 do was offer you two possibilities. The first being

1 setting up a special session in Sault Ste. Marie in
2 order to enable you to write and pass the
3 professional practice examination, and the two
4 technical examinations before the deadline. That
5 was one offer made in this letter.

6 And the second was an offer to make a
7 joint motion, that is a motion to which the prosecution
8 and the defense would both consent, before
9 November 1st, to the discipline committee to request an
10 extension of the date for you to write and pass these
11 three exams, and at the same time they correct the
12 typo.

13 So the letter then goes on -- those are
14 the two offers that were made to you which you
15 received, right?

16 A. Correct.

17 Q. All right. And then it goes on
18 to say please advise as to whether you're prepare to
19 consider either the options.

20 And then on the second page, to assist
21 you in terms of what was left as an attachment, there's
22 general information regarding the PPE and the technical
23 examinations to assist you in your preparations.

24 So what happened then, as a result of
25 your letter, which made a number of assertions and --

1 the PEO suggested that they would either allow you to
2 try to write those exams or jointly submit a motion to
3 what amounts to a six month extension, on consent,
4 which of course would have to go to the discipline
5 committee for their consideration. You were aware of
6 that?

7 A. Yes.

8 Q. And you did respond to this
9 letter, as I understand it, by a further letter, a
10 letter dated October 4th, 2011, which I
11 understanding is Exhibit 5239. And that's the
12 letter in response to Ms. Latham's letter.
13 Indicates that -- makes a number of assertions
14 concerning various matters concerning the complaints
15 committee, and other similar comments.

16 But what I wanted to take you down to
17 your -- the bottom line, if you will, of the request.
18 If we can go over the next page I believe that's where
19 it is, or at the bottom of this page. I don't -- yes.
20 You -- you go on on page 2 after having made a number
21 of comments, "I am therefore offering the following
22 compromise to avoid lengthy and expensive court
23 hearings." And then you go on to say you request that:

24 "We jointly submit a motion before
25 November 1st, 2011 to the Discipline

1 Committee to request an extension of
2 the date that I write and pass these,
3 corrected title, examinations to
4 June 30th, 2013. Failure to
5 successfully complete these exams by
6 the date will result in revocation."

7 So let's just go back for a page if you
8 don't mind, the page prior. I just want to see if
9 there's something -- yes. So then you talk about your
10 work and what you have been involved with. And then
11 you ask on page 2 for what amounts to a further
12 extension to June 30th of 2013, correct?

13 A. Correct.

14 Q. All right. So you were not
15 prepared to accept the first of the two options,
16 which was to accept that special arrangements could
17 be made so that you could write and pass those exams
18 before the deadline and the disciplinary committee's
19 decision?

20 A. I was making an alternate
21 suggestion.

22 Q. Yes you were. And what you
23 wanted basically was an additional year over and
24 above the six months?

25 A. Basically I wanted to extend my

1 term to achieve 40 years of serving the Province.

2 Q. Well 40 years -- what you wanted
3 to do was not have any sort of revocation. But you
4 did say in this letter -- you didn't say I wanted 40
5 years of service, what you did say is that I would
6 like a further extension of the date that I write
7 and pass these examinations. So you didn't suggest
8 that you were merely seeking to complete 40 years of
9 service, you were suggesting that you did intend to
10 write and pass the exams if further time was given?

11 A. I believe that if I was going to
12 take and pass the exams I needed a further extension
13 to complete that.

14 Q. Well you didn't say -- at this
15 stage what you're saying, in effect, is give me more
16 time to write and pass the exams?

17 A. Correct.

18 Q. All right. But the PEO indicated
19 that that was not possible. And I'd like to take
20 you to --

21 THE COMMISSIONER: Does that last one
22 have an exhibit number?

23 MS. PRICE: Yes, it did. I did say
24 it on the record. It was Exhibit No. 5239. I'm
25 sorry, I didn't say it loud enough.

1 THE COMMISSIONER: Thank you.

2 BY MS. PRICE:

3 Q. And the response is dated
4 October 7th, 2011 which is very shortly after this
5 letter was received. And here again I don't know if
6 there's -- I expect there is an exhibit on this one
7 but I don't have it. So -- sorry? So Exhibit No.
8 5240. Is a letter dated October 7th, 2011. And
9 it's the response to your letter of November 4. And
10 I'll put that in front of you for a moment. And it
11 says: "Dear Mr. Wood, Thank you for your response
12 comments, received by PEO on October 5th..." And
13 look at the next sentence. It say: "We do not
14 believe it to be in the public interest to agree to
15 your request to extend the writing and passing of
16 these three examinations beyond June 1st, 2012."

17 So you understood, did you not, very
18 clearly that as far as the PEO was concerned it did not
19 feel it to be in the public interest to agree to a
20 further extension, beyond the one that had been
21 suggested that could be put forward by way of joint
22 submission?

23 A. I did.

24 Q. All right. And then skipping
25 down it refers to the joint submission. I want to

1 take you to the third paragraph -- sorry, the
2 paragraph on the first page. And the reference
3 there is:

4 "Notwithstanding the error in the
5 nomenclature of the technical
6 examinations in our joint submission,
7 you will not have written and passed
8 the Association's Professional
9 Practice Examination. There is no
10 misunderstanding of the nomenclature
11 of the examination. You had a total
12 of 32 months to write and pass the
13 association's professional practice
14 examination."

15 Now that's because you had in fact
16 agreed to do so in March of 2009. So there's been a
17 lot of time and it goes on to say:

18 "The order of the Discipline
19 Committee requires that the 'license
20 of Wood be suspended if the
21 examination has not been written..."

22 So you accept, do you not, that the
23 joint submission, which is the next paragraph you
24 agreed to, required you to write and pass these
25 examinations? And you had an opportunity commencing in

1 March of 2009 to go ahead and do that. And
2 Mr. Saunders did indicate that he had started studying
3 in fact for the examination early on.

4 A. We had accepted a plea bargain.
5 The tribunal had reserved judgment and we did not
6 hear for 15 months on the result of the reserved
7 judgment. They indicated that they were going to
8 review previous cases to assess whether the judgment
9 and the decision was appropriate. I don't consider
10 that a fact that I got that period of time to take
11 those exams. Because when the judgment was finally
12 called, or however you wish the word it, I was only
13 given 12 months.

14 Q. Right. But what you could have
15 done is you could have started preparing knowing
16 that what was put forward to the discipline
17 committee was something that the prosecutor --
18 prosecution and the defense both agreed upon. And
19 so therefore you could certainly have taken steps
20 any time to get ready for that, and of course you
21 had the full year after November of 2010.

22 A. That's what this says.

23 Q. Right. So you could have done
24 that had you ever intend at any point the time to
25 actually write any of these exams?

1 A. That's correct.

2 Q. But am I right to say that it
3 really never was your intention to write them?

4 A. It was never my intention.

5 Q. All right. and then it goes on to
6 say at the very last paragraph, which goes over the
7 page. It goes on to say that they did offer to
8 accommodate the writing -- sorry that was the
9 bottom. The second page says: "You may wish to
10 independently submit a motion to the Discipline
11 Committee to seek an extension. We would oppose any
12 time period beyond June 1, 2012." And it reminds
13 you that "...the Discipline Committee is independent
14 from PEO and may not accept a joint motion or any
15 motion."

16 In fact you took no steps to put forward
17 a motion before the discipline committee and as a
18 result your license was in fact suspended?

19 A. That's correct.

20 Q. And since you took no steps in
21 the year after the suspension of the license to
22 write any of the examinations you licence as a
23 result was revoked?

24 A. I submitted a letter saying that
25 I was retiring prior to it being revoked. I don't

1 know if you have that in your documents.

2 Q. Your license was revoked in
3 accordance with the requirements of the disciplinary
4 committee?

5 A. I realize that.

6 Q. All right. So you understand
7 that your license was revoked in accordance with the
8 requirements of the decision of the discipline
9 committee, correct?

10 A. Correct.

11 Q. Thank you those are my questions.

12 THE COMMISSIONER: Mr. Myles, you
13 have nothing.

14 MR. MYLES: No.

15 THE COMMISSIONER: We've gone around
16 the room. Re-examination.

17 MR. MACRAE: Yes. Thank you, Mr.
18 Commissioner.

19 RE-EXAMINATION BY MR. MACRAE:

20 Q. Mr. Wood, at the time that -- in
21 2009 do you recall what type of system you had in
22 existence at M.R. Wright with respect to opening
23 files? The nomenclature that was used for files?

24 A. We opened a file for quotations.

25 Q. And would that receive --

1 A. And then we opened a file when it
2 became a contract and it was a four-numbered
3 contract number.

4 Q. Well your evidence is that you
5 had an environmental department and that was
6 separate from the engineering department. And my
7 question was whether there was a distinction in a
8 file number?

9 A. We didn't take specific numbers
10 at that time, but we put E's and S's and M's on
11 various files to indicate that they were of that
12 discipline.

13 Q. And what would that discipline
14 be, for example?

15 A. For environmental it would be E,
16 structural S, mechanical M, civil C.

17 Q. All right. And that was an
18 informal process or it was an actual formal process?

19 A. It was a formal process. I'm not
20 totally sure if it was in place in 2009, but it was
21 something that we were -- we did do it at some
22 period of time. I can't really determine the exact
23 date.

24 Q. Okay. Thank you, Mr. Wood. With
25 respect to attending a commercial establishment such

1 as you did in Elliot Lake at the Algo Mall in 2009,
2 how do you go about obtaining from the owner any
3 existing information with respect to the building,
4 written information?

5 A. You verbally ask them for what
6 they have in their -- in regard to previous reports,
7 drawings, orders, whatever.

8 Q. And would I be correct in
9 suggesting that you have to rely upon the
10 representative or the owner himself to provide
11 you -- or herself to provide you with the
12 information?

13 A. Yes.

14 Q. And in this case you were
15 provided -- your indication is that you were able to
16 review the architectural and the structural
17 drawings?

18 A. They were available on site.

19 Q. And your evidence also was that
20 that was a surprise to you or "good news" is I think
21 the term you used?

22 A. I think that most people going to
23 a 30-year-old building would be very pleased to find
24 that situation.

25 Q. All right. If I might --

1 MR. MACRAE: Mr. Commissioner, this
2 may sound a bit repetitive but I believe it's
3 important evidence to be before the Commission.

4 BY MR. MACRAE:

5 Q. I'm referring to the NORR report
6 and I'm just going to go through. They have a list
7 of background and they talk about reports or
8 information that was available. And I would like to
9 ask you, by way of example, there was a 1980, 1981
10 Harry S. Peterson report with respect to the roofing
11 system. Did you ever see the report?

12 A. Not prior to the collapse.

13 Q. There was also a 1981 Bregman and
14 Hammond report with respect to a review of the
15 Peterson Roofing System, did you see that report?

16 A. No.

17 Q. In 1989 and 1990 there was an
18 Algoma Central Properties roof repair and leakage
19 reports, did you see those reports?

20 A. No.

21 Q. In 1991, there was a Trow
22 condition survey, did you see that survey?

23 A. No.

24 Q. In 1991, 1994, the Algoma
25 Properties paving deck repair proposals, did you see

1 those proposals?

2 A. No.

3 Q. In 1995 there was a parking deck
4 repair information, did you see that information?

5 A. No.

6 Q. In 1995, there was a Trow
7 structural investigation with ATA, did you see that
8 report?

9 A. No.

10 Q. In 1996 Paul Meyer did work at
11 the mall and also issued a report were you aware of
12 that when you conducted your review?

13 A. No.

14 Q. And were you provided with any of
15 that information?

16 A. No

17 Q. In 1998 Nicholls Yallowega
18 Bélanger, architects building condition assessment,
19 that was a total assessment. Did you receive a copy
20 of that for review?

21 A. No.

22 Q. There is a 1998 Halsall Report, a
23 five-page report that you've already provided
24 evidence that that was in your files and you believe
25 you'd been provided that?

1 A. That's correct.

2 Q. And there is a 1999 Halsall
3 structural condition assessment, were you provided
4 with a copy of that?

5 A. No.

6 Q. In 2003 there was a report from
7 Stem Engineering Group, did you see that report?

8 A. No.

9 Q. In 2005 there was a mould
10 investigation report, it was by MRW but there was
11 also one by Pinchin. Did you see the one that was
12 completed by Pinchin?

13 A. No.

14 Q. In 2005 Construction Control
15 Incorporated completed a building condition survey.
16 Did you see that report?

17 A. No.

18 Q. In 2006 there was a report
19 completed by Brian England, an employee of the mall,
20 with respect to certain materials to be used in
21 repairing the roof, and an estimate of the amount
22 that had to be repaired. Did you see that report?

23 A. No.

24 Q. And in 2007 there was a Caughill
25 inspection and response to City Notice of Violation.

1 There was a Notice of Violation that had been issued
2 in 2006, were you aware of that?

3 A. No.

4 Q. In 2007 and 2008 John Clinckett
5 was involved in a proposal with respect to the mall
6 and issued some reports and documentation with
7 respect to that, were you aware of that?

8 A. No.

9 Q. In 2008 Caughill Consulting
10 provided an investigation report at the Scotiabank,
11 were you provided with a copy of that?

12 A. No.

13 Q. In 2009 there was again a mould
14 investigation report by MRW, but there was also
15 another one completed by Pinchin. Were you aware of
16 that?

17 A. No.

18 Q. Did you see a copy of it?

19 A. No.

20 Q. And in 2009 Pinchin did a
21 building condition assessment, did you see a copy of
22 that?

23 A. No.

24 Q. They also completed a building
25 condition assessment in 2010. Did you see a copy of

1 that?

2 A. No.

3 Q. And then in 2011 Read Jones
4 Christoffersen completed a parking deck
5 rehabilitation tender documents and specifications,
6 were you provided any information with respect to
7 those?

8 A. No.

9 Q. Did you know they existed?

10 A. No.

11 Q. And there was evidence today I --
12 if I might have a moment?

13 THE COMMISSIONER: While your Counsel
14 is looking, did M.R. Wright have any form of basic
15 or sophisticated cross-referencing or indexing
16 system such as law firms have, for example, to
17 prevent conflicts of interest from arising in order
18 to index or cross-reference other projects that
19 other parts of your firm had been working on? Do
20 you understand my question?

21 THE WITNESS: We had the ability to
22 do that through data but it wasn't normal to use
23 that when it was across disciplines.

24 THE COMMISSIONER: And why wouldn't
25 it have been done on a normal basis?

1 THE WITNESS: Basically because
2 structural work -- I knew almost every project we
3 had done structurally, but I didn't realize what --
4 I wasn't conversant with what our environmental
5 department did because it was mostly related to
6 asbestos, mould and other issues that I had no wish
7 to have knowledge of.

8 THE COMMISSIONER: However there was
9 such a system and you could have accessed it?

10 THE WITNESS: I could have got a list
11 of every project, and we did do that when
12 investigated by the OPP, we provided them a list of
13 all of the projects related to the Algo Mall. And
14 we didn't get them all because some of them, as has
15 been previously testified, were projects done for
16 insurance companies or done for the Scotiabank. You
17 had to have the right words in the data bank to find
18 those files.

19 THE COMMISSIONER: Yeah. All right,
20 thank you.

21 MR. MACRAE: Thank you,
22 Mr. Commissioner.

23 BY MR. MACRAE:

24 Q. Then with respect you were asked
25 some questions by Mr. Carr-Harris with respect to a

1 Mr. McCowan. Now as I understand your evidence
2 you're not able to say whether you did speak with
3 Mr. McCowan but you indicated that you recall
4 somewhat speaking with someone who had made an
5 inquiry about the conditions at the mall. Do you
6 recall providing that evidence.

7 A. I do, yes.

8 Q. And what I'd like to do is just
9 review a couple of things, because I'm not clear in
10 my notes and reviewing the transcript as to whether
11 you understand that there's a distinction between
12 not recalling and stating that, No, I didn't -- I
13 did not do that?

14 A. Correct.

15 Q. And so I would like to run
16 through a couple of the issues that Mr. Carr-Harris
17 dealt with. And that is with respect to information
18 that Mr. McCowan may suggest that you had told him
19 that over the years mall staff had pushed snow to
20 the side and salted, and I'll stop there. Do you
21 recall saying that to anyone?

22 A. Absolutely not.

23 Q. So your evidence is that you
24 didn't?

25 A. I definitely didn't.

1 Q. Thank you. Next statement is
2 that salt had leaked down the columns and made them
3 not sound.

4 A. I definitely did not say that.

5 Q. And everything had to be
6 reinforced and a new roof had to be put on.

7 A. As I said at that time I believed
8 that a new roof had to be put on but I didn't say
9 the first part, and I forgot what it was.

10 Q. Everything had to be reinforced.

11 A. I did not say that, definitely
12 did not.

13 Q. My question, Mr. Wood, is did you
14 ever say that there were any problems with the
15 structure of the Algo Mall building to anyone?

16 A. No.

17 Q. Those are my questions, thank you
18 very much.

19 THE COMMISSIONER: Mr. Carr-Harris.

20 MR. CARR-HARRIS: Yes, thank you.

21 RE-EXAMINATION BY MR. CARR-HARRIS:

22 Q. I won't keep you much longer,
23 Mr. Wood, I'm going to show you some pictures. I
24 heard you say, when you were being examined I think
25 by Mr. Bisceglia, that as part of the May 3rd, 2012

1 report inspection you walked around the exterior
2 walkways of the mall. And my note said that you
3 observed some surface rust, patches of rust at the
4 bottom, but it was quite common. And I take it you
5 weren't concerned about them?

6 A. I was not.

7 Q. Right. And I just wanted to show
8 you, if you'd pull up what is Exhibit No. 110 which
9 is at tab 98. And I want to take you to the
10 photographs that you took, or at least are part of
11 this report, dealing with the exterior walkway and I
12 just need you to confirm it. At tab 98 you have
13 pictures, it looks like pictures 12, 13 and 14 in
14 that report.

15 A. I'm on the wrong tab.

16 Q. Tab 98.

17 A. Yeah.

18 Q. Put those up there.

19 A. 12, 13 and 14, correct?

20 Q. Yes. That's the exterior walkway
21 upper and lower in various versions?

22 A. Correct.

23 Q. And your notes are "Typical
24 oxidized steel beam underside of deck" for
25 number 12. And for 13, "Rusting steel at base of

1 diagonal HSS members." And you don't say anything
2 about the state of that one, but it looks like
3 there's some black along the bottom of those
4 members. And those are the members that are
5 supporting the overhead?

6 A. They are the diagonals of the
7 truss framing on the exterior of the building.

8 Q. And they're steel?

9 A. Yeah.

10 Q. They're made of steel. And then
11 you had in picture 14 you have "Rusting steel
12 underside of deck." And these aren't the best
13 pictures but --

14 A. Correct.

15 Q. But the condition in terms of the
16 poor -- sorry. The good, fair, or poor analysis
17 that NORR uses, how would you characterize this beam
18 in picture 14?

19 A. I'm not familiar with NORR's but
20 there was definitely quite extensive rusting on the
21 outside canopy which one would expect. But it was
22 not a long-span structure. It was -- and I saw no
23 distress in any of the members, i.e., visual sagging.
24 And the most of the members were covered in paint.

25 Q. Okay.

1 A. Other than areas that did show
2 some rust. So --

3 Q. And so -- sorry, you were going
4 to finish?

5 A. So as I said it did not concern
6 me.

7 Q. All right. And then can I take
8 you to what are some photographs -- your photographs
9 are taken at the time of this inspection, April 12,
10 2012. The NORR were taken two and a half months
11 later. And then one of the Elliot Lake citizens,
12 Bonnie Ladell has also taken photographs in the
13 February, April and June timeframe 2012, all this
14 basically from a rust corrosion perspective at the
15 same time?

16 A. Okay.

17 Q. Okay. As the other pictures.
18 And she describes -- she said that in her evidence,
19 which is Exhibit 10-53, a witness statement. She
20 said she'd taken -- had been previously -- she was a
21 resident of Elliot Lake. She had been previously
22 employed here.

23 " In the later part of 2011 as a
24 result of visiting the mall she
25 became concerned with the state of

1 the mall relating to water damage,
2 things hanging from light fixtures,
3 cracks in the ceiling particularly
4 above the kiosk in the upper mall.

5 She began taking photographs of
6 the kiosk area, other parts of the
7 mall, roof area and exterior support
8 posts.

9 These photographs were taken
10 during the months of February, April,
11 June of 2012."

12 And her photographs are not an exhibit
13 at this point but we'll make them one.

14 THE COMMISSIONER: What's the origin,
15 Mr. Carr-Harris of that? Is that an interview given
16 to the OPP?

17 MR. CARR-HARRIS: Yes, and it's part
18 of the overview.

19 THE COMMISSIONER: It's part of the
20 overview.

21 MR. CARR-HARRIS: It's Exhibit No.
22 10-53. And these photographs are OPP-E000002339.

23 BY MR. CARR-HARRIS:

24 Q. And these are taken in the
25 timeframe which I mentioned, which is February,

1 April and June. And if you start at number 0018
2 this is a photograph Ms. Ladell says that she took.
3 And this is of an exterior member and has a hole in
4 the bottom of it. Did you see that at the time?

5 A. No. It's the base of the column,
6 obviously.

7 Q. Yes. And these are the columns
8 that support the walkway on the exterior, correct?

9 A. That's what it looks like.

10 Q. And there is -- if you go over to
11 the next one is another picture of looks like
12 corrosion and damage done to the column as well.
13 And if you go over to 0019, 0020, you'll see these
14 columns. Now if you had seen that would you have
15 been saying that --

16 A. Looks like they've been filled
17 with concrete.

18 Q. Well, have a look at the -- I
19 don't know -- we don't know what that is. But if
20 you look at 0018 --

21 A. Looks like someone has patched
22 them with concrete or the other ones.

23 MR. MACRAE: If I might,
24 Mr. Commissioner. I wonder if my friend is able to
25 identify where these were taken to better provide

1 Mr. Wood with the opportunity to comment on the
2 pictures.

3 THE COMMISSIONER: I was going to ask
4 Mr. Carr-Harris to do that. I have no idea where
5 that comes from apart from the general description.

6 MR. CARR-HARRIS: We can't give you
7 the precise location except that they are -- we're
8 advised they are columns on the exterior of the
9 mall -- exterior part of the mall walkway.

10 THE COMMISSIONER: That's the best we
11 can do. They will have whatever weight I attribute
12 to it bearing that fact in mind, Mr. MacRae.

13 BY MR. CARR-HARRIS:

14 Q. And you will agree with me,
15 Mr. Wood, that if you had seen these columns at the
16 time you were doing your inspection you would have
17 had to agree that their structural integrity would
18 be in-question.

19 A. The side that we see in that
20 picture, yes.

21 THE COMMISSIONER: I take it's not
22 the Commission Counsel's intention to call that lady
23 or is it?

24 MR. CARR-HARRIS: If it becomes an
25 issue we can do it. I certainly can,

1 Mr. Commissioner.

2 THE WITNESS: It definitely shows a
3 loss of section in that portion of the column, but
4 it doesn't show any failure in the column.

5 BY MR. CARR-HARRIS:

6 Q. Yet.

7 A. Yet.

8 Q. Yet. And if you look at 0027.
9 And you look at that, Mr. Wood, how would you
10 characterize the condition of that column at the
11 bottom?

12 A. It's difficult to tell. But it's
13 got paint on it until the bottom extremity and --

14 Q. Is that as big as we can make it?

15 A. Looks like there's been some
16 grout or something added to reinforce the column in
17 that location.

18 Q. And what about the steel peeling
19 off the --

20 A. That's paint.

21 Q. That's paint?

22 A. Correct.

23 Q. It looks rusted?

24 A. It looks rusted under the paint.

25 Q. All right. And then let me take

1 you to the NORR report pictures again taken,
2 effectively in terms of the life of corrosion and
3 its rate, to be essentially at the same time as your
4 own inspection. And if you would like at that, it's
5 Exhibit No. 5159?

6 MR. CARR-HARRIS: That's the
7 presentation, Ms. Kuka.

8 BY MR. CARR-HARRIS:

9 Q. And if we can go to pictures --
10 start with pictures 15 -- on page 15, I'm sorry.
11 And 16. And could you -- do you see the rust there?
12 Mr. Wood?

13 A. I see a painted, bolted
14 connection.

15 Q. You don't see any rust in that
16 picture?

17 A. Nothing of significant concern.

18 MR. CARR-HARRIS: Can you bring the
19 rusted part in closer, Ms. Kuka?

20 THE COMMISSIONER: You can see the
21 big screen and the small screen, sir.

22 THE WITNESS: Oh, you're talking
23 about the extension that picks up the siding?

24 BY MR. CARR-HARRIS:

25 Q. Yes. The piece that extends out

1 from over the beam and out, do you see rust there?
2 That's serious rust isn't it?

3 A. I see a brown structure that
4 seems to be something that's mounted out to pick up
5 the exterior siding of the building.

6 Q. All right. Let's try the next
7 one then, 44. Page 44. And do you see behind the
8 flag pole the corrosion of the cladding? You see
9 the holes?

10 A. The bottom of the cladding
11 appears to be corroded.

12 Q. And looking at that as a
13 structural engineer how would that happen at that
14 position?

15 A. The siding was corroding.

16 MR. MACRAE: I have an objection, Mr.
17 Commissioner. These pictures were taken sometime
18 after the collapse. We have no evidence from
19 Mr. Carr-Harris with respect to where it occurred.
20 There was equipment operating everywhere.

21 MR. CARR-HARRIS: These are NORR
22 photographs.

23 MR. MACRAE: Yes. The NORR
24 photographs were taken -- their evidence was that
25 they weren't on the site until sometime in July.

1 And in addition to that, in fairness to Mr. Wood and
2 to his Counsel, and to other Counsel who are here,
3 this clearly, in my submission, should have been
4 part of the evidence that was called in-chief with
5 respect to Mr. Wood so that we would have been
6 properly able to deal with the issue. Because these
7 are pictures that were taken by NORR. They've been
8 in the NORR report and they've been available. But
9 whether that was in existence at the time that
10 Mr. Wood was at the mall there is no evidentiary
11 basis for that.

12 THE COMMISSIONER: Mr. Carr-Harris.

13 MR. CARR-HARRIS: Thank you. The --
14 as indicated this arises out of the comment by
15 Mr. Wood in the stand that he walked around the
16 exterior walkway and saw nothing that caused him any
17 concern. And we are -- I am attempting to show not
18 only his own photographs, but the photographs of a
19 citizen who walked around in those -- at the very
20 same time in 2012, February, April and June.
21 Mr. Wood was there in April doing his inspection,
22 2012, so it's the same time.

23 THE COMMISSIONER: Do we know, for
24 example, the picture that's up on the screen do we
25 have a date for it?

1 MR. CARR-HARRIS: We don't have the
2 precise date only that it's in that monthly period.

3 THE COMMISSIONER: All right.

4 MR. CARR-HARRIS: These are the NORR
5 photographs I believe now, sorry. And we do have
6 the fact that they were taken in July.

7 THE COMMISSIONER: And those were
8 taken in July right?

9 MR. CARR-HARRIS: Yes, of 2012.

10 THE COMMISSIONER: Of 2012, yes.

11 MR. CARR-HARRIS: Ms. Ladell's we
12 don't have any dates.

13 THE COMMISSIONER: I understand. In
14 response to the objection I think it is proper
15 re-examination in view of the assertion elicited in
16 cross-examination and examination-in-chief.
17 However, the Commission will have to bear in mind
18 that there is no exact contemporaneity between the
19 photographs we see and the time that Mr. Wood did
20 his inspections. So that's obviously a factual
21 issue that the Commission will have to bear in mind
22 in making any definitive conclusions about the --
23 about whether or not this is something that could or
24 should have been observed by Mr. Wood. It's
25 obviously of some importance. And to that extent I

1 recognize your objection, but I think it is proper
2 re-examination.

3 MR. MACRAE: Thank you,
4 Mr. Commissioner.

5 MR. CARR-HARRIS: I thank you,
6 Commissioner. I would remind my friend that -- and
7 the witness that the NORR witnesses indicated that
8 in corrosion terms this timeframe of -- there would
9 be no effective difference between what Mr. Wood
10 could have seen when he did his inspection in
11 April 15th, 2012, and when they took their pictures
12 in June or July. So that's why I'm troubling you
13 with this.

14 THE COMMISSIONER: I understand that.
15 Does NORR specifically comment about the nature of
16 the holes that we see behind the flag pole, whether
17 that is the product of corrosion as opposed to being
18 the product of some other process?

19 MR. CARR-HARRIS: They have --

20 THE COMMISSIONER: I don't know.

21 MR. CARR-HARRIS: There are
22 photographs taken from the other side as well and if
23 we keep going we'll see some. Can you just go to --
24 what's that number, 44? That's 45 showing the
25 column with a hole in the bottom similar to

1 Ms. Ladell's. And then 51 another one. And these
2 are pictures take than you can see overhead in the
3 walkway.

4 MR. MACRAE: Again if I might object,
5 Mr. Commissioner, that's not the evidence as I
6 recall it. I recall the evidence very clearly that
7 that was taken from inside an area, underneath the
8 walkway and we have no evidence as to whether it was
9 accessible, or how you would gain entry into that
10 area, or where you would see that from. And you
11 will recall that I did ask those questions of the
12 NORR panel. It's not as though I waited for this
13 opportunity. I did ask the questions of the NORR
14 panel. And I also asked the questions about the
15 façade that was in front of the area. Dr. Saffarini
16 indicated that yes there had been a false facade and
17 it had been removed. But then there was some other
18 evidence of it being visible in this particular
19 picture.

20 But those were the questions and these
21 pictures are not, in my respectful submission, I
22 understand you have made a ruling with respect to
23 weight that will be provided this evidence. But in my
24 respectful submission it's not appropriate to be asking
25 Mr. Wood about these questions and suggesting those are

1 indicative of areas that could have readily been viewed
2 when Mr. Wood was on the property.

3 THE COMMISSIONER: Well to begin with
4 I'm having a bit of a problem in that we've all of a
5 sudden we've shown a succession of paragraphs. We
6 were talking initially when Mr. MacRae rose about
7 the holes in the facade, right? I'd like us to
8 stick to that, and if further pictures are going to
9 be shown you can reiterate your objections.

10 But since the façade all of a sudden
11 we've been shown three or four other pictures. And I'm
12 having a little trouble making logical decision based
13 on that quick succession of pictures. For the moment
14 can we stick to the facade please, Mr. Carr-Harris.

15 MR. CARR-HARRIS: Yes. Can I ask Ms.
16 Kuka to look at the following pages, because I think
17 we were flipping through pictures to get to the ones
18 that I want. Can I see number 45? Page 45.

19 BY MR. CARR-HARRIS:

20 Q. The evidence was this is an
21 exterior picture and visible, as you recall the NORR
22 presentation what is readily visible. Then 51 --

23 THE COMMISSIONER: Well rather than
24 moving quickly on can we ask questions about this
25 one and then move to the other one. And if

1 Mr. MacRae has an objection we can do it in a
2 logical way.

3 BY MR. CARR-HARRIS:

4 Q. So, Mr. Wood, if this is a -- we
5 were advised this is a picture taken in July by
6 NORR. Do you agree that that column would be in the
7 same condition when you looked at it April 12 of
8 2012 when you were there?

9 A. I have no reason to believe it
10 wouldn't.

11 Q. Okay. And then could we try --
12 what's the next one -- is that 45? 51 please. And
13 again we're advised that this is a picture in the
14 overhead of the walkway easily accessible. Was that
15 the condition that that beam was in at the time you
16 looked at it, Mr. Wood?

17 A. I don't recall seeing one that
18 bad.

19 Q. Number 52.

20 A. Do we know if this is under the
21 roof or under the walkway.

22 Q. Under the walkway?

23 A. So this is not under the roof?

24 Q. No, it's in the walkway.

25 Number 52, similarly do you recall seeing that

1 member in that condition when you were there?

2 MR. MACRAE: Before Mr. Wood answers
3 that I do have an objection, Mr. Commissioner. And
4 my objection is that there is no information before
5 the Commission with respect to where this is
6 located. And in order to ask Mr. Wood -- his
7 evidence is that he walked around the property. His
8 evidence is that he walked around. His evidence is
9 not that he inspected every piece of steel in doing
10 that. He was doing a visual walk about.

11 My objection is this, my objection is
12 that unless Mr. Carr-Harris can inform Mr. Wood of
13 where this was taken, then it's improper to ask him
14 questions about that picture.

15 THE COMMISSIONER: All right. Well
16 we know generally it's under the walkway.

17 MR. MACRAE: Yes.

18 THE COMMISSIONER: You're asking
19 Mr. Carr-Harris to be more precise than that right?

20 MR. MACRAE: I am.

21 MR. CARR-HARRIS: Just let me finish
22 the picture and then I'll show you the survey chart
23 that shows the critical joints and walkways. I
24 can't tell you which one this goes to but it's clear
25 from the NORR evidence that that's what was there

1 and it's these spots that they're talking about.

2 THE COMMISSIONER: So you're saying
3 to me that you're able to match up that photograph
4 with a specific spot or spots along the walk way.

5 MR. CARR-HARRIS: I can't,
6 Commissioner.

7 THE COMMISSIONER: Well the evidence
8 can.

9 MR. CARR-HARRIS: I think the
10 evidence can. The chart -- if you can just flip up
11 --

12 THE WITNESS: Do you want me to
13 comment on this or not?

14 THE COMMISSIONER: No, let's just get
15 this out of the way.

16 MR. CARR-HARRIS: The survey map,
17 page 42. And you will recall that the area of the
18 failed connection is purple, critical condition are
19 identified in the red circle with a C, and poor,
20 fair and good. And you can see at all of the
21 walkways testing zones, which include these
22 pictures, are indicated along the walkway. I can't
23 tell you which one is which but presumably NORR can.

24 THE WITNESS: Okay.

25 THE COMMISSIONER: I think I'm going

1 to let it go in bearing in mind, Mr. MacRae, that
2 we are not dealing -- we know it's one of those
3 locations I take it?

4 MR. MACRAE: But my objection
5 clearly, Mr. Commissioner -- I do not object to the
6 pictures going in and forming part of the record.
7 They've been part of the Trow report and so -- and
8 they may assist the Commissioner. My objection was
9 with respect to the questioning of Mr. Wood with
10 respect to those pictures because the
11 contemporaneous aspect of it as well as the
12 location.

13 THE COMMISSIONER: Well the
14 contemporaneous aspect of it I'm satisfied is
15 sufficiently proximate that I'm going to allow
16 Mr. Carr-Harris to continue. In terms of the
17 location it's a bit more problematic, but the fact
18 remains that we see that those pictures originated
19 from somewhere on the walkway. And to that extent,
20 bearing in mind the frailty -- somewhat the frailty
21 of that evidence in not being able to specifically
22 say that that picture relates to the third red spot,
23 we know it originated from somewhere under there and
24 we know that your client says he walked the
25 perimeter of the building. I'm going to allow the

1 re-examination.

2 MR. MACRAE: Thank you,
3 Mr. Commissioner.

4 BY MR. CARR-HARRIS:

5 Q. Can I ask you then, Mr. Wood, you
6 agree that you walked the walkway that's indicated
7 on this chart as part of your inspection?

8 A. You have to remember there's two
9 levels to the walkway.

10 Q. I do. And you walked them both I
11 assume?

12 A. I obviously took a picture of the
13 diagonals which are on the upper walkway at the
14 base. So I would have walked the upper walkway.

15 Q. Hmm hmm.

16 A. I was specifically concerned
17 about roof. So I'm not convinced that I did a total
18 walk through of the lower walkway.

19 Q. Okay. So they may have been
20 there and you just didn't see them?

21 A. I think a lot of the lower
22 walkway was sort of enclosed rooms that were locked.
23 I'll not sure if that's a fair recollection.

24 Q. I don't think that's the evidence
25 of NORR. Did you watch the evidence of NORR?

1 A. Yes.

2 Q. And you -- you'll remember the
3 section in the presentation that says a list of
4 paragraphs of corroded steel that are visible from
5 -- you don't have to go inside and up into the attic
6 of the building, you can see them visibly walking
7 through the area.

8 A. I remember them exposing steel
9 that was hidden behind siding. I remember them
10 talking about going into a storage room that was
11 locked. I don't know if you share that recollection
12 or not?

13 Q. Well they certainly went in other
14 places that you can't see walking by with a walk
15 through, but they deliberately took photographs that
16 were plain to be seen if you walked through them.
17 So if you're telling me that you didn't walk all of
18 the walkways then that's the answer.

19 A. Well I couldn't get into certain
20 rooms obviously.

21 Q. But that's not the walkway.

22 A. Correct. But the other thing
23 that I don't understand with this -- these dots with
24 the C on them, I don't know where the C is. There's
25 two levels. Is it the total column that's the

1 problem? Or is it just the holes in the bottom of
2 the base, which seem to be in some of the
3 photographs filled with concrete?

4 Q. Well it's fair comment you don't
5 know where they are in terms of the levels. But the
6 first question is did you walk both levels, answer
7 yes or no?

8 A. I definitely walked the upper
9 level.

10 Q. Yes.

11 A. I waked down the stairs and I
12 would have walked the lower level where it was
13 accessible.

14 Q. Well why wasn't it accessible?

15 A. I believe that there was storage
16 rooms in the -- especially the southern portion of
17 the walkway.

18 Q. Well the evidence of NORR was
19 that these -- most of the critical ones in the
20 visible display were all visible by just the walking
21 through, you don't have to go through any doors or
22 take any -- open up any drywall, nothing. You just
23 have to look.

24 A. Well I have to believe it if
25 that's their evidence.

1 Q. The question is if you didn't see
2 the members in the condition that we're looking at,
3 my question is is that because you didn't look?

4 A. I was probably in the area of the
5 walkway looking at what was over my head.

6 Q. Not down at your feet?

7 A. Not down at the feet. And I
8 believe that having seen those columns those columns
9 would be on street side, which would be subjected to
10 more salt. And I would tend to believe that I would
11 be more concerned if the holes were all the way
12 around the column since it's a four-side structure.

13 Q. Well I can tell you that in
14 NORR's evidence they were very concerned with the
15 state of those structures.

16 A. I can see that they shored up the
17 building in panic stations, even though the
18 structure had supported walkway loading, plus snow
19 drift loading on the upper level.

20 Q. Yes. And they were concerned
21 because of the state of the level of corrosion
22 obviously, and that was their concern. And you're
23 telling me that this kind of corrosion could be
24 there you just didn't see it?

25 A. It was there, you can see.

1 Q. So you know it was there, you
2 didn't see it?

3 A. I didn't observe corrosion to
4 that level. I observed rusting at the base, and as
5 I said I might not have looked at all four sides of
6 every column.

7 Q. Thank you, those are my
8 questions.

9 THE COMMISSIONER: Thank you.
10 Mr. MacRae, did you have a comment?

11 MR. MACRAE: I just wanted to
12 indicate to the Commission that Mr. Wood has a
13 statement that he would like to make before he
14 concludes his evidence.

15 THE COMMISSIONER: That's fine. You
16 can go ahead, sir.

17 THE WITNESS: Mr. Commissioner, I
18 deeply regret that I could not see and did not
19 predict the events of June 23rd, 2012. I have spent
20 my entire engineering career designing structures
21 that protect the public of Ontario and the
22 Province's workers. The loss of life and injuries
23 at the mall, and the loss to the Aylwin and
24 Perizzolo families, was avoidable had information
25 been shared.

1 So many previous reports and
2 observations were concealed and covered up. Had they
3 been available I'm sure that any engineer, architect,
4 would have closed the mall to further occupancy.

5 I would like to take this opportunity to
6 thank the Commission for what has been a healing
7 process for myself. Without the in-depth photography
8 prepared by the OPP and the photographs taken by NRC,
9 and the volumes of information collected by the
10 Commission, the answers and cause of the collapse would
11 have continued to haunt me.

12 The main recommendation I have is that I
13 hope out of this Commission there is a -- is that
14 buildings be required to have a record of their history
15 documented somewhat like medical records so that no
16 other families, professional engineers, architects or
17 inspectors have to go through a similar experience.

18 Thank you.

19 THE COMMISSIONER: Thank you,
20 Mr. Wood. Those comments are useful and valuable
21 and the Commission will retain them. Thank you for
22 your presence and your evidence these last two days.
23 I know it hasn't been easy.

24 THE WITNESS: Thank you.

25 THE COMMISSIONER: Thank you. I take

1 it that's all the evidence that you have --

2 MR. CARR-HARRIS: I believe it is.

3 THE COMMISSIONER: -- to offer today.
4 My conscience doesn't bother me immensely that we'll
5 be closing shop early this afternoon.

6 MR. BISCEGLIA: Mr. Commissioner, I
7 may not be an active participant from here on in I
8 have not decided if I will be here on Monday or
9 Tuesday but I may be here selectively.

10 THE COMMISSIONER: Thank you, Mr.
11 Bisceglia. I appreciate your presence. As I was
12 saying, my conscience doesn't bother me too much
13 knowing we have a full five day week next week with
14 no respite until late Friday afternoon on the 15th.
15 So that being said everybody have a good weekend.
16 Thank you for your assistance.

17 --- Whereupon the proceedings were
18 adjourned at 3:15 p.m.

19
20
21
22
23
24
25

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

REPORTER'S CERTIFICATE

I, HELEN MARTINEAU, CSR, Certified
Shorthand Reporter, certify;

That the foregoing proceedings were
taken before me at the time and place therein set
forth;

That the testimony of the witness and
all objections made at the time of the examination were
recorded stenographically by me and were thereafter
transcribed;

That the foregoing is a true and
accurate transcript of my shorthand notes so taken.

Dated this 14th day of June 2013.

Helen Martineau

PER: Helen Martineau

Certified Shorthand Reporter

\$	104 13423:12 13463:3,5	151 13425:8	2	13508:13,20
\$10,000 13358:6	10:30 13405:25	1573 13436:23		2010 13432:22 13434:19 13436:25 13437:6 13463:7 13500:21 13508:25
\$20 13407:10 13417:3	10:50 13406:1	15th 13411:21 13524:11 13537:14	2 13356:23 13360:4 13363:18 13366:9 13376:13 13428:25 13455:9 13457:10 13484:9 13495:20 13496:11	2011 13342:15 13358:22 13359:21 13360:5 13361:21 13363:12,14 13397:16 13398:5 13466:3 13493:14 13495:10,25 13498:4,8 13509:3 13515:23
0	11 13377:23 13446:9	16 13346:21 13352:14 13358:22 13361:21 13363:12 13384:1 13445:23 13446:2,9 13520:11	2,000 13384:25	2012 13363:25 13364:2 13365:3 13366:7 13389:18 13397:22 13439:24 13441:7,12 13460:18 13461:3 13464:7 13471:5 13476:6 13498:16 13501:12 13512:25 13515:10,13 13516:11 13522:20,22 13523:9,10 13524:11 13527:8 13535:19
0011 13445:20	110 13346:21 13376:13,16 13387:5 13389:11 13478:4 13480:12 13482:17,22 13513:8	16th 13359:21 13363:14 13466:3	20% 13477:21	2013 13496:4,12
0017 13352:10 13445:22	110-pounds 13346:22	1753 13436:17	200 13457:1	23rd 13535:19
0018 13517:1,20	111 13388:4	1876-S4 13344:10	2001 13490:1	24 13346:22 13362:10
0019 13517:13	11:00 13454:23	19 13432:22 13490:1	2003 13507:6	24-inch 13352:13
0020 13517:13	11:30 13456:20	1979 13385:19 13425:13	2005 13507:9,14	24th 13342:15 13388:25
0027 13519:8	12 13358:8,9 13361:4 13366:7 13462:11 13493:2,3 13513:13,19,25 13515:9 13527:7	1980 13377:1 13505:9	2006 13507:18 13508:2	28 13456:20
0029 13430:18	120 13451:23 13452:20	1981 13505:9,13	2007 13507:24 13508:4	28th 13423:9 13437:6 13441:2 13445:21 13448:10 13449:7,24 13458:3,6,14 13465:2 13485:25
0033 13446:1,4 13447:20	1224 13490:5	1984 13407:23	2008 13508:4,9	29 13434:19
0040 13431:17	128th 13454:21	1989 13407:9 13505:17	2009 13343:18 13364:15,23 13365:21 13371:1,17 13373:4 13374:19,21 13375:2 13382:22 13393:23 13397:22 13401:21 13422:9 13423:13 13425:7 13428:25 13441:2,15,20,23 13442:4 13445:21 13447:11,25 13449:7 13454:21 13456:20 13458:3,6,14 13462:5,12,13 13463:7,17 13464:2,5,14,24 13465:2,4,10,15, 23 13472:21 13473:9 13474:10 13480:4 13485:25 13486:24 13488:1 13499:16 13500:1 13502:21 13503:20 13504:1	
0055 13454:21	12:35 13478:18	1990 13505:17		
09 13430:20	12th 13462:4	1991 13505:21, 24		
1	13 13513:13,19, 25	1994 13505:24		
1 13347:18 13356:21 13377:22 13425:6 13457:9 13484:5 13501:12	13.3 13426:23	1995 13411:18, 21 13506:3,6		
1.5 13398:12 13404:4	139 13366:9	1996 13506:10		
10 13349:3 13360:10 13377:22 13493:14	14 13513:13,19 13514:11,18	1998 13506:17, 22		
10-53 13515:19 13516:22	140,000 13377:3	1999 13507:2		
102 13352:8 13430:17 13445:19,20 13446:1,3 13448:11 13459:2	1443 13454:11, 16,22	1st 13494:9 13495:25 13498:16		
103 13485:18	1446 13453:16 13454:8			
	15 13349:4 13377:24 13500:6 13520:10			

13458:23	13461:2,6	5214 13356:22	10,11,16	9th 13389:13
29th 13423:13	13479:24	13489:24	783 13462:8	<hr/> A <hr/>
13436:25 13448:9	13512:25	5226 13462:8	79 13435:24	
2:00 13367:8,10	<hr/> 4 <hr/>	5229 13424:24	13436:22	a.m 13367:5
13478:9,16,19		5230 13432:15	796 13390:7	a.m. 13342:1
2:30 13367:9,13	4 13433:10	5237 13360:4	13480:12	13367:6 13405:25
13371:25	13498:9	13489:3	13483:20	13406:1 13454:23
2nd 13430:19	40 13352:8	5238 13490:7,10	13484:8,12	ability 13461:18
2x4 13373:17,24	13360:11	5239 13495:11	7th 13498:4,8	13509:21
<hr/> 3 <hr/>	13430:16	13497:24	<hr/> 8 <hr/>	Absolutely
3 13389:18	13431:17	5240 13498:8	8 13387:17,20	13350:11,14
13422:13,16	13445:19 13459:3	5241 13361:20	13388:10	13353:1 13359:19
13455:17	13497:1,2,4,8	5242 13362:25	80% 13477:17	13384:7 13398:25
13457:14	42 13529:17	5244 13363:19	81 13360:3	13403:10,13
13482:16	421 13446:6,8,21	5251 13389:12	828 13422:8	13405:9 13426:10
3-inch 13348:10	43 13422:7	5259 13389:12	848 13428:24	13442:13
3/8-inch	44 13521:7	529 13406:18	85 13361:19	13443:23 13471:3
13351:19	13524:24	53 13448:3	850 13388:5	13486:5 13511:22
30 13457:4,24	45 13471:7	13462:5	855 13434:18	absorbent
30-year-old	13524:24	55 13454:11,15	858 13388:5	13461:12
13504:23	13526:18	57 13423:12	86 13362:25	abundant
3007 13448:3	13527:12	59 13424:22	89 13363:19	13346:4
30th 13442:3	4th 13363:23,24,	5th 13447:25	8:00 13411:21	accept
13456:16	25 13461:5	13498:12	<hr/> 9 <hr/>	13496:15,16
13496:4,12	13495:10	<hr/> 6 <hr/>	91 13366:8	13499:22
31 13360:5	5 13357:2,8,13	6 13348:10	97 13390:8	13501:14
31st 13489:3	13378:21	13357:9 13378:21	98 13376:13,15,	acceptability
13490:22	13425:13	13426:22	16 13387:5	13471:1
32 13356:20,24,	13426:22 13446:8	13455:21	13480:15	acceptable
25 13377:2	5% 13477:20	60% 13385:8,10,	13513:9,12,16	13457:6 13458:8
13499:12	5,000 13416:11	11,25	91 13366:8	accepted
3323 13388:21	50 13453:16	61 13428:23	941 13342:19	13500:4
3324 13388:6,9	13454:7	66 13432:16	97 13390:8	accepting
3504 13347:18	50% 13418:2	69 13432:12	13483:21	13471:2
13453:12	500 13421:14	13434:18	98 13376:13,15,	access 13427:4
38 13360:10	5007 13366:10	<hr/> 7 <hr/>	16 13387:5	accessed
39 13347:17	51 13525:1	7 13346:5	13480:15	13510:9
13453:11 13454:3	13526:22	13387:7, 13388:8,	13513:9,12,16	accessible
3:15 13537:18	13527:12		98-civ-b1	13525:9 13527:14
3rd 13363:18	5159 13520:5		13492:21	13533:13,14
13364:2 13365:3	52 13527:19,25		98-civ-b2	accommodate
13405:17			13492:21	13501:8
			9:00 13342:1	accordance
			13367:5,6	13502:3,7
				accounted
				13347:10

accuracy 13405:15	13432:22 13434:25 13455:1	13354:21 13356:3,16 13383:10,14,18 13384:5 13386:10 13391:14 13392:22 13397:7 13400:23 13426:21 13433:6 13443:9,20 13444:6 13464:25 13467:14 13471:9 13472:13 13479:14 13480:21 13484:7 13498:14,19 13518:14,17 13531:6	13417:11 13421:15,21 13505:18,24	apparent 13370:11 13491:9
accurate 13405:17 13406:11,15 13491:5	addressing 13428:17			apparently 13357:2 13405:4
achieve 13497:1	adhesion 13461:19		allegation 13354:23 13358:1 13399:17	appeared 13376:9 13474:7
acknowledge 13483:11	adjourned 13537:18		allegations 13357:24 13359:12 13400:7	appears 13372:4,5 13373:7 13423:14 13425:4 13427:14 13428:25 13432:15 13433:6 13435:3 13450:18 13451:15 13454:16 13491:19 13521:11
acknowledged 13483:6	administrative 13442:4		alteration 13441:6	
acquiring 13398:3	admitted 13357:24		altered 13441:3	
Act 13425:19,23 13426:12 13435:22	admitting 13357:8		alternate 13496:20	
acted 13410:24 13411:16	advance 13381:24	agreed 13354:10 13359:6 13361:17 13468:25 13491:1,21,22 13499:16,24 13500:18	alternatives 13493:22	appeaser 13370:3
action 13476:20	advanced 13358:10 13438:4	agrees 13491:8	amalgamated 13425:23	application 13392:16 13457:12 13463:1
actions 13427:25	advertised 13416:4	agreement 13357:6,17,18 13482:13 13489:10 13491:4	amended 13484:2	applied 13416:3
active 13409:2 13537:7	advice 13359:22	ahead 13343:7 13371:6 13436:10 13500:1 13535:16	amendments 13478:11	applies 13343:2
activities 13463:15	advise 13473:8 13494:18	aided 13382:18	amount 13447:10 13456:1 13489:10 13507:21	apply 13444:3 13460:7
activity 13462:16	advised 13398:3 13401:7 13405:5 13448:12 13453:17 13455:7 13457:6 13466:18,21 13471:16 13472:6 13473:17 13481:12 13518:8 13527:5,13	air 13413:1 13415:4 13417:24	amounts 13495:3 13496:11	applying 13392:11
actual 13351:18 13373:22 13395:23 13487:13,17 13503:18	advisor 13415:14,20	airport 13417:15,21	analysis 13514:16	appreciated 13479:5
added 13373:9 13378:24 13395:5 13455:23 13519:16	affected 13465:14	Airways 13417:23	angle 13351:14, 16 13452:23	appreciation 13396:23 13453:15 13454:2 13459:3 13472:19
addition 13472:19 13522:1	afternoon 13445:18 13484:21 13485:19 13488:20 13537:5,14	alarms 13435:23	angles 13351:18,19	approval 13355:19 13457:11
additional 13409:15 13414:1 13429:19 13496:23	agent 13427:1	Algo 13378:20 13390:2 13409:12 13425:8 13428:12 13429:2 13437:23 13504:1 13510:13 13512:15	answering 13351:2	approve 13433:25 13470:19
address 13398:24	agree 13345:1 13350:15 13351:8,	Algoma 13410:17 13412:21 13413:22 13414:2,5	answers 13528:2 13536:10	approved 13425:15 13426:8
addressed 13362:25 13423:13 13429:1			anticipate 13397:19	approximate 13471:9
			apartments 13411:10,11	approximately 13418:2 13471:7
			apologize 13441:23	
			apologized 13397:5	

<p>April 13363:22, 23,24,25 13366:7 13434:19 13441:6 13515:9,13 13516:10 13517:1 13522:20,21 13524:11 13527:7</p> <p>architect 13344:14 13345:6 13347:1,2 13377:5 13415:23 13536:3</p> <p>architect's 13416:8</p> <p>architects 13506:18 13536:16</p> <p>architectural 13415:24 13504:16</p> <p>area 13344:8,16, 17 13345:12, 13347:13 13348:22 13350:19 13366:1, 13368:2 13369:6 13372:24 13377:22 13378:23 13384:2,21 13394:8,11 13409:21 13412:13 13420:12,24 13421:9,16 13428:21 13431:14 13437:18,19 13444:8 13446:12,13,21 13447:15 13448:6,12,13,19, 22 13449:4,24 13450:1,12,20 13452:5,13 13453:9 13455:16,20 13460:15 13463:11,12,24 13472:3 13475:6 13479:25 13480:1 13488:9 13516:6, 13525:7,10,15</p>	<p>13529:17 13532:7 13534:4</p> <p>areas 13343:22 13364:14,16,18, 20 13369:4 13370:17 13371:23 13374:22 13375:18 13377:20,24 13378:18 13382:3,21,22 13383:7,22,23,25 13384:14 13389:25 13390:23 13394:7 13406:23 13421:10 13423:20 13430:8 13445:16 13449:18 13450:24 13462:19 13464:6 13467:20 13469:23 13472:18,20,23 13474:20 13475:3 13488:2 13526:1</p> <p>arenas 13409:14,17,20, 21,22 13410:1</p> <p>arguing 13351:3</p> <p>arises 13522:14</p> <p>arising 13481:21 13509:17</p> <p>arranged 13367:20 13433:13</p> <p>arrangements 13468:15 13474:4 13496:16</p> <p>arrived 13367:5, 17 13376:3</p> <p>article 13484:1, 12</p> <p>asbestos 13510:6</p> <p>aspect 13530:11,14</p>	<p>aspects 13468:13 13482:2</p> <p>assertion 13523:15</p> <p>assertions 13494:25 13495:13</p> <p>assess 13440:22 13500:8</p> <p>assessing 13442:10</p> <p>assessment 13383:17 13409:8 13506:18,19 13507:3 13508:21,25</p> <p>assessments 13408:16,22 13464:16,18</p> <p>assist 13360:18 13424:6 13448:18 13451:22 13462:1 13479:6 13494:20,23 13530:8</p> <p>assistance 13537:16</p> <p>assistant 13442:4</p> <p>Associates 13363:4,8</p> <p>association 13412:12 13491:8</p> <p>association's 13493:5 13499:8, 13</p> <p>assume 13430:23 13531:11</p> <p>assumed 13474:12</p> <p>assuming 13402:20</p> <p>ATA 13506:7</p> <p>attached 13484:1</p>	<p>attachment 13494:21</p> <p>attack 13443:11, 12</p> <p>attempt 13459:23</p> <p>attempted 13345:6</p> <p>attempting 13522:17</p> <p>attend 13353:20 13428:11</p> <p>attended 13366:6 13435:8</p> <p>attending 13503:25</p> <p>attention 13348:18 13362:21 13464:6</p> <p>attic 13532:5</p> <p>attribute 13518:11</p> <p>audit 13365:6 13425:8 13426:6, 23 13427:8 13428:2,8 13432:23 13435:1 13455:13</p> <p>audits 13464:4</p> <p>August 13360:5 13489:3 13490:22</p> <p>author 13431:18</p> <p>authority 13382:19</p> <p>authorization 13363:5 13470:8</p> <p>Ave 13425:8</p> <p>avoid 13495:22</p> <p>avoidable 13535:24</p> <p>aware 13344:7, 14,22 13346:6 13347:2,3 13348:2,7 13394:4 13397:17 13483:13</p>	<p>13492:22 13495:5 13506:11 13508:2,7,15</p> <p>Aylwin 13535:23</p> <hr/> <p style="text-align: center;">B</p> <hr/> <p>B' 13491:11</p> <p>B1 13358:13</p> <p>B2 13358:13</p> <p>babysat 13477:2</p> <p>back 13359:15 13372:3,12 13381:20 13384:5,12 13388:19 13389:2,17 13416:15 13426:7 13430:15 13439:4 13451:3 13485:12 13496:7</p> <p>back-hoe 13421:19</p> <p>background 13505:7</p> <p>bad 13375:7 13527:18</p> <p>bailey 13412:6</p> <p>bank 13415:15, 13464:20 13510:17</p> <p>bargain 13371:12 13500:4</p> <p>barn 13411:24</p> <p>barns 13412:7</p> <p>base 13371:22 13513:25 13517:5 13531:14 13533:2 13535:4</p> <p>based 13395:3 13397:24 13405:15 13421:3 13422:23 13452:25 13459:3 13465:4,24 13480:22</p>
--	---	--	--	--

13526:12	13386:17	13427:14,19	Bregman	13385:1,18
bases 13475:5	13388:20	13432:16 13451:3	13505:13	13395:15,23
basic 13355:23	13389:14	13478:12 13505:2	Brian 13507:19	13396:18,
13509:14	13440:10	13526:4 13530:17	bridge 13354:25	13397:24
basically	13472:14	black 13374:9,18	13355:12,14,22	13407:8,17,22
13358:24	13482:17	13514:3	13356:11 13361:7	13408:1,3,7,9
13365:20	13483:21	blanket allegat	13410:11,12,14	13410:24
13368:19	13488:24	ions 13400:8	13419:15	13411:6,7,8,10,
13390:24 13402:6	13523:17,21	blow 13344:17	13444:2,8,24	13,15,16 13412:9
13409:21	bearing	13450:11	13445:1	13414:13,14,17
13415:19 13419:9	13518:12	Bob 13349:9	bridges	13416:22
13496:23,25	13530:1,20	13364:6	13410:12,16,18	13419:8, 13424:9,
13510:1 13515:14	bed 13356:7	13388:14,24	13412:4,5,	15,16,18 13425:9,
basing 13465:25	bedrock	13389:5,14,15	13420:6,11,16,18	18,23,24 13427:3,
basis 13365:22,	13421:10,11	13406:18 13425:7	briefly 13354:17	4,5 13429:11,21
23 13393:2	beg 13446:18	13429:1 13434:25	13389:13 13489:2	13430:7 13432:23
13399:12	began 13516:5	13455:14	brilliant	13433:22
13509:25	begin 13526:3	13456:10,19	13354:8,15	13434:3,4,8
13522:11	beginning	body 13355:21	bring 13432:16	13435:1 13443:11
Bay 13414:12,15	13357:2 13425:13	13358:16	13434:20 13451:2	13454:6 13457:9,
13422:3	13430:18	bolted 13520:13	13464:6 13520:18	10 13460:3
beam 13343:23	behalf 13419:20	Bonnie	brings 13471:4	13463:1,9
13345:8	13458:17	13515:12	Broadbent	13504:3,23
13346:16,21,23	13485:22	booklet	13438:24,25	13506:18
13347:5 13351:1,	believed	13483:22	13439:7,8,9	13507:15
25 13352:5,11,14,	13391:24 13427:6	bore 13421:19	13441:8,16,21,24	13508:21,24
20 13353:21	13512:7	bother 13537:4,	broke 13343:12,	13512:15 13514:7
13354:6,10	Beta 13377:5	12	15	13521:5 13530:25
13370:13	bi-annual	bottom 13346:5	brought	13532:6 13534:17
13388:9,16	13410:15	13372:11,19	13348:18	buildings
13389:9 13396:22	big 13386:8	13374:5 13388:21	13414:15	13385:17,21
13446:16	13519:14	13389:19	13437:12	13408:24
13448:23	13520:21	13390:12 13425:4	13472:17	13409:11,24
13449:5,24,25	bigger 13409:12	13429:1 13432:21	brown 13521:3	13411:25
13450:22	Bisceglia	13433:7	Bruce 13442:6	13412:23 13419:5
13451:10,25	13445:9,10,11,13	13448:23,24	13453:18 13454:5	13421:21
13452:2,8,12	13448:2,4	13451:14 13484:5	13455:7	13425:25
13453:3 13457:2	13449:2	13495:17,19	Bs 13492:6	13433:21
13460:15	13450:11,14	13501:9 13513:4	budgeted	13459:19
13513:24	13451:1,4	13514:3 13517:4	13379:6	13536:14
13514:17 13521:1	13462:6,10	13519:11,13	build 13355:12	built 13385:18
13527:15	13478:9,10,20,21	13521:10	13421:20	13394:2,25
beams 13343:19	13479:12,15,17,	13524:25 13533:1	building	13412:8 13415:21
13371:9 13377:25	21,22 13485:25	box 13418:16	13350:3 13355:8,	13426:11
13380:1 13383:2,	13487:6 13512:25	boxes 13412:25	13365:9,18	13438:15
12 13389:21	13537:6,11	13413:9	13375:21 13376:5	13474:22
13390:13	bit 13361:9	break 13405:23,	13377:2 13380:23	bullet 13418:1
13418:17	13369:17	25 13478:18	13381:19	13420:23
13429:8,9,14		13479:24		buying 13409:6
13459:10,12				Bélanger
bear 13367:20				13415:15,22
				13506:18

C	13372:19	cases 13500:8	Centre 13409:12	Chlorides 13443:14
cable 13345:23	car 13455:10	casino 13420:25	cents 13468:15	Christoffersen 13509:4
cables 13345:21	care 13441:17	Cassan 13484:22,23 13485:7,17	certificate 13363:5 13470:7	circle 13529:19
call 13343:6 13385:20 13396:13 13452:22 13456:11 13518:22	cared 13394:21	catch 13395:1	certification 13418:2 13466:13	circular 13467:10
called 13364:6 13372:25 13387:11 13393:25 13401:20 13421:22 13422:3 13456:10,13,19 13480:6 13500:12 13522:4	career 13535:20	catch-all 13473:2	certified 13418:6	citizen 13522:19
calling 13381:20 13439:18	Carr-harris 13342:4,6,8 13343:5,8,10 13344:9,12 13371:5 13372:12,15,17 13399:15,17 13400:20,22 13401:2,5,6 13440:12,20 13446:12 13453:10,14 13454:2 13483:1 13484:19 13489:1 13510:25 13511:16 13512:19,20,21 13516:15,17,21, 23 13518:4,6,13, 24 13519:5 13520:6,8,18,24 13521:19,21 13522:12,13 13523:1,4,9,11 13524:5,19,21 13526:14,15,19 13527:3 13528:12,19,21 13529:5,9, 13530:16 13531:4 13537:2	Caughill 13507:24 13508:9	certify 13415:11 13418:6,7 13421:5	citizen's 13439:10
calls 13428:3	carried 13353:13,16 13359:1	caulked 13370:12	cetera 13393:6 13420:21 13473:6	citizens 13515:11
camber 13345:15,18,20 13346:1,2,7,14 13370:12	Carr-harris' 13400:11 13447:3	caused 13365:18 13390:22 13395:21 13430:1 13438:2 13449:20 13522:16	chain 13388:7	City 13411:1,14, 16 13424:9 13426:21 13427:15 13429:10,11 13433:3,13 13434:6,9,12 13440:21 13442:1 13454:6 13458:4, 5,9,14 13462:13, 24 13480:3 13485:23 13486:8 13507:25
Canada 13365:9 13366:2 13408:17 13415:4 13418:24 13419:4,6 13463:25	carry 13420:20	causing 13409:22	change 13359:7, 11 13388:12 13393:5 13395:18 13483:24	civil 13503:16
canopy 13514:21	carrying 13379:18 13380:19	cavalier 13438:6	changed 13357:23 13379:17 13391:7 13486:11	cladding 13521:8,10
canvass 13480:1	case 13355:16 13357:11 13434:4 13438:12 13459:21 13504:14	cave 13398:18, 19 13404:23 13405:5	character 13461:16	claim 13356:9
canvassed 13355:25 13356:1		cease 13391:24	characterizatio n 13400:11	clarify 13440:16 13480:6
capability 13411:7		ceased 13363:14 13476:17	characterize 13514:17 13519:10	Classification 13425:9
capable 13469:18		ceiling 13369:5 13370:17,20,25 13371:3,16 13372:20 13373:2,8,17,20 13374:1 13473:18,24 13487:8 13516:3	charge 13490:17	clean 13459:10
capacities 13379:18		center 13387:10 13407:22 13411:5,10 13415:4 13416:12 13446:22 13448:24 13451:5	charity 13420:25	cleaned 13460:6
capacity 13359:2 13380:19		centers 13408:17 13409:1	chart 13528:22 13529:10 13531:7	clear 13441:19 13464:12 13470:2 13511:9 13528:24
capture 13370:16		Central 13505:18	check 13375:14	cleared 13441:11
			checked 13385:9	clearer 13432:17
			chest 13444:16	clerkal 13484:4
			Chief 13347:20, 21,22 13424:15, 18 13427:3 13435:5 13454:6 13463:10	client 13355:15 13384:16,17 13390:9 13399:23 13413:18
			China 13413:10	
			chloride 13351:22	

13439:19 13466:12 13471:17 13478:14 13481:13 13486:10 13530:24	collapses 13409:19 13412:8,13	commission 13406:7 13408:19 13409:16 13410:2 13414:20 13417:7 13421:18 13422:14 13433:2 13437:17 13505:3 13518:22 13523:17,21 13528:5 13535:12 13536:6,10,13,21	committee 13361:25 13494:9 13495:5,15 13496:1 13499:19 13500:17 13501:11,13,17 13502:4,9	complaints 13495:14
clients 13392:8 13466:18,22 13467:12, 13468:24	collected 13536:9	Commissioner 13342:2,5,6,9,17, 20,23 13343:1,6 13370:21 13398:22,25 13399:5,9,23 13400:2,10,19,24 13401:2 13405:22 13406:2,5,10,14, 17,20 13417:4,8, 12 13438:22,23 13439:6 13440:25 13441:14 13445:8 13448:20 13478:7,15,20 13479:2,10,14,19 13484:18,21,22 13485:2,4,6,10, 13,16 13488:17 13490:2 13492:1, 4,11 13497:21 13498:1 13502:12,15,18 13505:1 13509:13,24 13510:8,19,22 13512:19 13516:14,19 13517:24 13518:3,10,21 13519:1 13520:20 13521:17 13522:12,23 13523:3,7,10,13 13524:4,6,14,20 13525:5 13526:3, 23 13528:3,15,18 13529:2,6,7,14,25 13530:5,8,13 13531:3 13535:9, 15,17 13536:19, 25 13537:3,6,10	committees 13496:18	complete 13360:7,11 13371:20 13399:21 13496:5 13497:8,13
Cliff 13413:23	collection 13387:12 13391:20 13393:24 13394:11,12 13396:21 13443:7 13473:20	Commissions 13343:3	common 13475:6 13513:4	completed 13365:8 13406:25 13408:13 13410:8,21 13429:18,20 13431:13 13441:1 13457:25 13491:14 13507:12,15,19 13508:15,24 13509:4
Clinckett 13508:4	colour 13374:17		communicate 13428:1	completing 13478:22
closed 13410:19 13536:4	coloured 13452:2		communicatio n 13454:17	complex 13376:25 13377:8 13417:2 13425:14 13426:3,16,17 13434:8
closer 13520:19	column 13351:25 13352:5 13451:6,9,10,13, 19,25 13452:13 13453:3 13517:5, 12 13519:3,4,10, 16 13524:25 13527:6 13532:25 13534:12 13535:6		communicatio ns 13488:24 13489:2	compliance 13426:6 13490:14,17
closing 13438:18 13537:5	columns 13351:9 13383:12 13398:7 13403:12 13475:5 13512:2 13517:7,14 13518:8,15 13534:8		community 13411:5	comply 13401:3 13426:22 13427:7,10 13436:19
clubs 13420:12	comfort 13469:24		companies 13412:3 13464:20 13510:16	component 13351:20
co-ordination 13420:10	commencing 13342:1 13499:25		company 13358:5 13414:20 13418:5,9 13419:20 13421:5,18 13435:12 13477:8,17	components 13407:16,25 13409:9 13412:24 13413:2,12 13426:17
coating 13370:6	comment 13518:1 13522:14 13524:15 13529:13 13533:4 13535:10		company's 13418:25	composite 13459:21
Code 13411:6 13433:24 13487:18	comments 13399:13,20 13489:10 13495:15,21 13498:12 13536:20		comparable 13346:25	comprehensiv e 13454:16
Codes 13361:5	commercial 13411:25 13418:23 13503:25		compare 13390:6	compromise 13443:12 13495:22
cold 13412:25 13413:9			compared 13400:7 13435:24	con 13374:7
collapse 13344:17 13384:4 13391:11,12 13411:17 13437:21 13446:14 13448:6,13 13451:12 13460:14 13477:7,14 13479:1 13505:12 13521:18 13536:10			competent 13480:23	concealed 13487:8 13536:2
collapsed 13411:20,24 13412:3,4,9 13446:16 13451:11			competitor 13418:13	

concept 13343:2	13348:10 13358:11,12 13371:22 13374:6 13437:18,22 13438:7,9,12,13, 15 13455:17,21, 24 13517:17,22 13533:3	confine 13381:21	13379:4 13421:7 13425:24 13426:15	continuing 13484:9
concern 13348:2,5,8 13350:17 13364:14 13368:21,24 13378:17 13390:25 13391:16 13395:20 13435:21 13443:10 13456:2,25 13515:5 13522:17 13534:22	condemned 13409:14 13410:1,3	confirm 13403:1 13424:8 13513:12	consist 13412:18	continuously 13431:25
Concern' 13389:15	condition 13350:18 13384:11 13392:10 13393:20,21 13395:23 13396:15,16,23 13397:15 13408:16,21 13409:8 13452:11 13505:22 13506:18 13507:3,15 13508:21,25 13514:15 13519:10 13527:7,15 13528:1 13529:18 13534:2	confirmed 13401:8 13402:19 13403:4	consistent 13348:19 13424:12	contract 13503:2,3
concerned 13360:17 13375:10 13376:8 13391:19 13428:18 13429:4 13455:22 13459:4 13460:15 13465:16 13498:18 13513:5 13515:25 13531:16 13534:11,14,20	connect 13434:2	conflicts 13509:17	construct 13355:13	contractor 13353:14,20 13429:9,13 13461:9
concerns 13349:18 13350:9 13369:4 13371:10 13376:2,4 13428:18 13433:19 13454:25 13455:9	connection 13345:2 13350:19,25 13351:5,14,24 13352:16,25 13354:11 13384:1,3,10,18 13434:1 13450:4, 12 13451:21,25 13452:5 13478:17 13485:5 13486:19,22 13487:21 13520:14 13529:18	confused 13441:5,9,21,22	constructed 13376:25 13408:9 13426:1,5,21	contractor's 13429:6,16
conclude 13439:1	conditions 13352:23 13409:22 13421:20 13511:5	confusing 13399:16	construction 13411:9 13423:20 13426:9 13459:24 13507:14	contractors 13418:8
concluded 13477:25	conduct 13409:8 13481:4	connect 13434:2	consultant 13410:22 13421:4	contracts 13468:3
concludes 13535:14	conducted 13408:21 13410:15 13465:24 13473:9 13476:6 13506:12	connection 13345:2 13350:19,25 13351:5,14,24 13352:16,25 13354:11 13384:1,3,10,18 13434:1 13450:4, 12 13451:21,25 13452:5 13478:17 13485:5 13486:19,22 13487:21 13520:14 13529:18	consultants 13416:7	Control 13507:14
conclusion 13379:22 13380:2,6,20 13396:2 13468:7	conducting 13379:1 13481:9	connections 13343:20 13344:5 13350:19,20,21, 22 13351:9, 13352:17 13353:4,19 13383:5,6,7,12,23 13384:24 13385:25 13449:10	Consulting 13508:9	Controls 13457:10
conclusions 13523:22	conduits 13418:19	contact 13363:3 13429:16 13445:3	contacted 13364:4 13430:6	conversant 13434:7,9,12 13435:16 13510:4
concrete 13346:6,24	conference 13408:17 13409:1	contacted 13364:4 13430:6	contained 13379:23 13440:5	conversation 13347:16 13364:11 13386:17 13397:15 13399:1,24 13401:19 13480:9 13486:2
	confess 13462:6	containment 13442:16	contaminated 13379:23 13440:5	conversations 13388:2 13400:25 13401:13 13428:6 13439:14
	confidence 13377:12	contemporaneity 13523:18	contemporary 13523:18	convince 13427:2
		consciousness 13537:4,12	contemporaneous 13530:11,14	convinced 13531:17
		conscience 13537:4,12	content 13483:5	copied 13424:15,17 13428:8 13433:7
		consent 13494:8 13495:3	contesting 13359:12	copies 13455:8
		consequence 13358:21	context 13475:15	Copper 13413:23
		consideration 13495:5	continue 13410:5 13468:10 13530:16	copy 13401:21 13406:6 13423:3,
		considered	continued 13536:11	

5 13427:15 13432:19 13433:3 13442:5 13506:19 13507:4 13508:11,18,21, 25 core 13348:18 13455:16,21 13456:3 corporate 13468:12 Corporation 13408:13 13414:2 correct 13343:24 13345:19 13346:9,16,17 13347:7,8,14 13348:25 13350:23 13352:6 13353:7,11,12,15, 16,17 13355:8 13356:4,19 13357:9,10,21 13359:4,24 13360:16 13361:18 13363:16,21 13364:1,3,24 13366:16 13367:7,14 13369:10,14,23 13370:1 13373:5, 13 13374:3,16 13376:19 13377:14 13378:6,11,13,14 13379:23,24 13381:2,5,10 13383:3,14,18,20 13389:8 13392:18 13396:12,17 13408:12,14 13410:9 13413:15,20,21 13415:7 13419:25 13425:5 13431:20,23 13432:5 13434:14 13435:2,3,9 13436:11 13440:2,3 13444:5 13446:7, 22 13447:7,18	13448:7 13450:17 13451:15 13454:9 13459:7,8 13461:14 13463:23 13464:1,13,17,21 13465:6 13466:4, 5,9,10,14,16,17 13467:21,23 13468:22,25 13469:1,6,10,13, 15 13471:20 13472:1,2,11,16 13473:7,9,10,23 13474:15 13475:20 13476:7,16,22 13477:18 13479:4,20 13481:1,6,14,24 13482:22 13483:14 13484:6,13,15 13486:21 13491:24,25 13492:18,23 13493:19 13494:11,16 13496:12,13 13497:17 13501:1,19 13502:9,10 13504:8 13507:1 13511:14 13513:19,22 13514:14 13517:8 13532:22 corrected 13394:14 13457:4 13496:3 correcting 13479:6 correctly 13455:1 corresponde ce 13423:3 13424:16 13427:15 13428:3 13433:11 13435:15 13436:9 13439:12 13442:3 13462:18,21 corridor	13371:15 corridors 13487:17 corroded 13344:5 13384:4 13410:19 13521:11 13532:4 corroding 13521:15 corrosion 13351:23 13385:10,14,15, 16,20 13386:1 13409:23 13461:17 13475:13 13515:14 13517:12 13520:2 13524:8,17 13534:21,23 13535:3 cost 13394:19 13398:12 13413:3 costing 13413:7 13417:3 Counsel 13406:7 13491:21 13509:13 13522:2 Counsel's 13402:14 13518:22 counteracted 13345:9 13361:8 country 13408:23,24 couple 13511:9, 16 courses 13358:10 court 13369:6 13371:2 13421:23 13474:3 13495:22 Courthouse 13422:4 cover 13445:16 13451:19 coverage 13478:23	covered 13371:8, 13381:14 13449:10 13451:21 13514:24 13536:2 covering 13438:10 Cowan 13399:5 cracks 13516:3 crane 13414:21 creates 13345:24 Creebec 13417:25 creeks 13420:13 critical 13386:2 13528:23 13529:18 13533:19 cross- examination 13357:16 13438:23 13439:8 13445:11 13463:15 13478:22 13485:17 13488:19 13523:16 cross-examine 13399:11 cross- examined 13357:12 13401:16 cross- reference 13509:18 cross- referencing 13509:15 crosses 13412:4 crossing 13420:13	Crown 13355:20 13356:6 13410:13 curious 13353:19 CV 13406:6,11, 18,23,24 13410:23 <hr/> D <hr/> damage 13349:18,23,24 13354:4 13365:18 13395:20 13423:21 13516:1 13517:12 damaged 13488:8 damp 13409:22 data 13509:22 13510:17 date 13362:11 13363:22 13430:19 13448:10 13493:4 13494:10 13496:2, 13497:6 13503:23 13522:25 13523:2 dated 13342:14 13363:22 13422:8 13423:13 13425:6 13428:24 13432:21 13434:19 13436:24 13462:4,11 13489:3,25 13495:10 13498:3,8 dates 13523:12 day 13378:12 13447:17 13451:11 13477:6 13493:3 13537:13 days 13357:3 13359:14 13457:4,25 13536:22
---	---	--	---	--

dead 13345:8 13346:23,25	13446:25 13447:2 13505:25 13506:3 13509:4 13513:24 13514:12	describes 13515:18	13503:22	directly 13440:8
deadline 13360:7 13493:15 13494:4 13496:18	decorative 13394:16	description 13423:23 13518:5	detrimental 13380:18	disabilities 13481:8
deal 13349:23 13389:18 13407:1 13424:23 13470:11 13478:3 13522:6	deep 13346:22	design 13358:11 13377:5,9,12 13407:25 13412:16,24 13414:12 13416:9,11,17,20 13417:15 13418:22 13419:17 13420:1,18,23 13421:1,2 13425:13 13459:21 13487:15	detrimentally 13379:17	disagree 13349:1 13375:23
dealing 13394:23 13422:6 13455:13 13463:6 13480:11 13490:17 13513:11 13530:2	defence 13494:8 13500:18	designed 13377:4, 13407:8 13412:22 13414:25 13415:24,25 13416:1 13417:20,21,24 13418:10 13419:5,7,12 13426:4	developed 13420:1,9,10	disagreeing 13427:10
dealings 13439:20	deficiencies 13431:19,21 13466:1	designing 13535:20	developer 13401:17,18,19, 20 13402:3,22,24	disciplinary 13354:17 13496:18 13502:3
deals 13434:25	deficiency 13422:19	destructive 13382:15	developments 13413:2	discipline 13361:25 13494:9 13495:4,25 13499:18 13500:16 13501:10,13,17 13502:8 13503:12,13
dealt 13389:10 13470:12 13511:17	definitive 13523:22	detail 13379:21 13493:23	device 13443:7 13452:22	disciplines 13509:23
Dear 13498:11	deflect 13350:20	details 13350:3 13375:22	diagonal 13514:1	discovered 13343:17
December 13411:21 13425:6 13428:25 13430:19 13493:14	deflection 13345:7,16,17 13346:25 13347:5	designing 13535:20	diagonals 13371:22 13475:5 13514:6 13531:13	discuss 13391:3 13458:19 13470:17
decide 13401:4	degree 13475:8	destructive 13382:15	difference 13400:4 13524:9	discussed 13456:21 13469:5 13475:7,23 13481:22 13482:4 13489:1
decided 13359:16 13361:12 13384:23 13537:8	delaying 13457:21	detail 13379:21 13493:23	differently 13348:24	discussing 13439:18
decision 13356:21 13358:8 13360:25 13477:14 13493:4 13496:19 13500:9 13502:8 13526:12	deleted 13484:3	detailed 13383:19 13470:23	difficult 13487:9 13490:11 13519:12	discussion 13367:16 13431:10 13432:2 13458:7 13468:5 13471:8
decisions 13392:20	deliberately 13532:15	detectors 13436:3,13	dig 13489:21	discussions 13475:16
deck 13369:25 13370:3,4,11,14 13371:22 13372:4,5 13377:21 13378:17 13379:2 13389:25 13390:22	delivered 13440:7,9	detector 13436:5,6	diligent 13426:13	disguising 13375:11
	delivery 13462:12	deteriorate 13351:24 13352:1	Dimitri 13348:11,17 13350:9 13454:18,23 13455:4 13456:5, 7 13458:20	dismissed 13350:12
	department 13424:10 13437:5,8,13 13455:3 13457:11 13463:9 13503:5, 6 13510:5	determination 13471:1	direct 13344:11 13345:6	display 13533:20
	dependent 13485:11	determine 13421:20	directed 13344:21 13345:4 13347:11 13374:22 13402:24 13465:22	dispute 13354:22
	depicted 13475:23		direction 13345:4,7	
	Deputy 13490:13,16			
	describe 13427:21 13448:16			

dissolved 13469:12	draft 13480:4,7 13484:11 13486:1,9	east 13344:22	Elliott 13439:4	13479:1,8 13503:6 13507:7 13535:20
distinction 13503:7 13511:11	drain 13345:10, 12	Eastwood 13482:17 13483:3	ELMAC 13439:10	engineers 13344:4 13467:3, 16,18 13468:2,13 13469:21 13476:25 13488:22 13536:16
distress 13371:23 13375:18 13379:20 13514:23	drains 13370:18	easy 13536:23	emergency 13434:16	employed 13515:22
distressed 13383:8,9	drawing 13368:3 13378:9	eccentrically 13345:22	employee 13363:7 13472:15,17,18 13507:19	England 13507:19
district 13355:16 13410:17 13417:11 13421:8,15,21 13422:4	drawings 13344:24 13348:10 13355:11 13367:18 13368:4 13378:8,10 13425:14 13455:9,15 13469:4 13504:7, 17	economics 13474:14	enable 13494:2	enhance 13458:12
document 13342:13 13392:20 13425:3,25 13427:5 13428:7 13429:17, 13430:19 13432:21 13433:2 13441:5 13446:1 13453:11 13462:8 13463:4 13480:15 13482:21,23,25 13489:19	drew 13377:11	effect 13467:10 13497:15	enclose 13437:6	enter 13444:15, 19
documentation 13459:4 13477:10 13508:6	drift 13534:19	effective 13358:21 13363:11 13524:9	enclosed 13424:5 13531:22	entered 13342:11 13406:8
documented 13536:15	driven 13421:9, 10	effectively 13520:2	end 13352:24 13353:9,22 13396:19,20 13421:13 13423:14 13450:7,8 13456:22 13469:11	entire 13425:18 13426:16 13472:7,10 13473:3 13535:20
documents 13342:12 13345:11 13377:9 13425:2 13502:1 13509:5	dropped 13373:7	effort 13381:16	ending 13462:8	entirety 13425:3
Dollar 13371:12	drywall 13382:7, 14,20 13451:16, 19 13487:2,8,11, 20 13533:22	elaborate 13393:24 13412:1	ends 13449:4,9	entitled 13396:20
dollars 13468:14	Due 13362:18	electrical 13364:21 13369:13,19 13409:9 13417:10 13473:5	enforcing 13490:18	entry 13454:20 13525:9
Domenic 13430:14	duration 13474:5	electrical-mechanical 13369:16	Eng 13470:6	environmental 13503:5,15 13510:4
doors 13455:11, 12 13533:21	duty 13428:20	element 13438:11	engineer 13359:3 13360:9 13363:15 13392:3,25 13407:5,11,13,20 13413:11 13415:12 13416:18,19 13422:18 13466:8 13467:22 13469:8 13470:17 13521:13 13536:3	equipment 13421:19 13433:20 13434:10 13521:20
dots 13532:23	E	elements 13383:12,18 13459:25 13474:20	engined 13415:3	error 13479:6 13491:10,17,20 13499:4
doubled 13407:23	E's 13503:10	elevated 13344:16,20	engineering 13359:21,22 13362:5 13363:10 13377:6 13410:7 13466:20,24 13468:13	errors 13354:24 13358:16 13360:24 13361:1
	e-mail 13387:18 13388:7 13440:10	elicited 13523:15		escalator 13371:2
	e-mails 13454:12 13483:2	eliminating 13483:19		escorted 13445:2
	earlier 13367:11 13389:13 13483:2	Elliot 13419:22 13424:10 13427:16 13433:3 13434:9 13437:5, 13454:7 13458:4, 9 13462:24 13463:9 13480:3 13485:23 13504:1 13515:11,21		essence 13465:2 13469:12
	early 13500:3 13537:5			
	easily 13527:14			

essentially 13356:17 13400:4 13441:25 13444:4 13493:24 13520:3	13535:14 13536:22 13537:1	exchange 13454:12 13462:18	13384:10 13509:9	exposing 13532:8
establishment 13503:25	evident 13352:10 13385:17	exchanged 13462:22	existence 13502:22 13522:9	Expressway 13438:8,14,16
Estate 13409:4	evidentiary 13522:10	excluded 13350:8 13488:6	existing 13348:10 13504:3	extend 13496:25 13498:15
estimate 13413:4 13507:21	Ewald 13428:15 13442:6 13453:19 13454:6,13,17 13455:8 13456:12 13462:4,14,23 13486:2	exclusively 13412:13	exotic 13415:17	extended 13420:16
estimation 13450:24	exact 13503:22 13523:18	excused 13439:1	expand 13410:1 13458:12	extending 13360:19
evening 13429:17	exam 13358:9 13489:5	exhibit 13342:11,13,19 13347:18 13352:8 13356:22 13360:4 13361:20 13362:25 13363:19 13366:9,10 13376:13,16 13388:5 13389:12 13390:7 13406:8, 18 13422:8 13423:12 13424:22,23, 13428:24 13431:17 13432:15 13434:18 13436:17,23 13445:19,20 13446:1, 13448:3, 11 13453:12,16 13454:7,11,15,21 13459:2 13462:7, 8 13463:3,5 13478:4 13480:12 13482:16,22 13483:20 13484:8,12 13485:18 13489:3,17,18,23, 24 13490:5,6,10 13495:11 13497:22,24 13498:6,7 13513:8 13515:19 13516:12,21 13520:5	expansion 13378:18 13390:1 13407:21 13408:11 13449:15,16,17, 18,19	extends 13520:25
event 13344:25 13416:12 13453:1 13482:9	examination 13488:7 13493:6 13494:3 13499:9, 11,14,21 13500:3	expect 13443:2 13449:16 13488:3,12 13498:6 13514:21	expected 13469:25	extension 13494:10 13495:3 13496:1,12 13497:6,12 13498:20 13501:11 13520:23
events 13482:11 13535:19	examination- in-chief 13343:10 13406:21 13523:16	expects 13400:14	expects 13400:14	extensive 13446:15,24 13447:1 13514:20
evidence 13344:14 13346:5 13361:4 13377:18 13382:17 13385:6,7, 13398:23 13399:2,4 13401:16 13421:23 13433:1 13437:16,20 13441:1,2,3 13443:16 13447:4,14 13450:3 13451:24 13459:3 13463:14 13464:13 13472:20 13474:12 13479:3,15 13480:2,5 13482:6,18 13503:4 13504:19 13505:3 13506:24 13509:11 13511:1,6,23 13521:18,24 13522:4 13525:5, 6,8,18,23 13526:20 13528:7,8,25 13529:7,10 13530:21 13531:24,25 13533:18,25	examinations 13362:4,9,12 13491:13 13492:21 13494:4,23 13496:3 13497:7 13498:16 13499:6,25 13501:22	expensive 13495:22	expensive 13495:22	extensively 13365:6
	examined 13512:24	experience 13421:13 13465:4 13536:17	experience 13421:13 13465:4 13536:17	extent 13394:4 13473:12 13523:25 13530:19
	exams 13489:6 13492:22 13493:7, 13494:11 13495:2 13496:5,17 13497:10,12,16 13500:11,25	expert 13421:7 13422:3 13461:24 13467:19	experienced 13392:3	exterior 13371:20 13374:6,23 13375:1 13474:19,21,22 13513:1,11,20 13516:7 13517:3, 13518:8,9 13521:5 13522:16 13526:21
	excavate 13421:20	expertise 13442:9	explain 13344:4 13370:9 13371:7 13373:15 13414:19	extra 13455:23
	excavation 13418:17	explain 13385:16	explained 13385:16	extremity 13519:13
		explanatory 13430:1	exposed 13370:15 13383:8 13445:23 13457:2 13459:24 13474:20	eye-balled 13380:9,13
		exhibits 13342:21		eyesore 13387:2
		existed		

F	13530:17	13408:6,8,10	finger 13492:14	firms 13509:16
fabricated 13346:1,3 13420:2	factual 13402:12 13523:20	feel 13392:5 13498:19	finish 13347:16 13515:4 13528:21	fitted 13416:8
fabricator 13419:23,25	factually 13355:5 13479:7	feet 13377:3 13457:1 13534:6, 7	finished 13445:18 13478:8	five-page 13506:23
Fabris 13422:9 13439:13,14,21 13440:7	fad 13409:6	fell 13355:25 13381:9 13437:18 13451:11	fire 13343:22 13347:21 13349:18,23 13352:17 13353:5,10,21,22, 23 13354:7 13365:6 13371:9 13382:10,20 13383:8 13384:5, 13,14,19,25 13423:21 13424:7 13425:8,15,17,19, 22 13426:6,8,12 13427:2 13428:7, 17,18 13431:12, 13,21 13433:13, 20,25 13434:3,6, 10,12,16 13435:5, 6,22 13436:1 13437:5,7,12 13448:25 13449:10 13450:5,10,16,21 13452:3,7,10 13453:7,8 13457:3,10 13459:5,9 13460:7,17,22 13461:7,11,15 13462:16,19 13463:6,9,12 13487:4	fix 13391:23 13394:1 13395:8, 10 13398:12,16 13404:4,19
Fabris' 13465:25	failed 13345:2 13351:1 13412:6 13451:25 13452:5 13486:18,22 13529:18	felt 13361:15 13384:20 13469:17 13472:18	fixing 13379:10 13394:22 13395:10	fixed 13398:17, 20 13402:3 13404:23 13405:7 13443:4
facade 13525:16 13526:7,14	failure 13489:9 13519:4	field 13431:5 13432:4	flag 13521:8 13524:16	fixing 13379:10 13394:22 13395:10
facets 13351:10	fair 13428:22 13441:10 13444:17 13453:14 13514:16 13529:20 13531:23 13533:4	fight 13434:16	fixtures 13516:2	flag 13521:8 13524:16
facilitate 13483:24	fairness 13453:13,15 13456:17 13522:1	fighters 13433:25	flange 13352:13 13448:23,24	flexible 13350:25
facilities 13408:22 13412:20 13413:19 13415:2 13420:5	fall 13461:21	fighting 13434:3	flip 13529:10	flipping 13526:17
facility 13407:19 13408:11 13412:16 13416:2 13417:24 13443:6	fallen 13343:23 13354:7 13384:15 13437:22 13448:25 13450:23	figure 13402:10	follow 13358:17	follow-up 13364:15
fact 13345:10 13349:3 13352:11 13354:10,24 13356:9 13359:7 13362:2,19 13369:5,15 13377:12,16 13380:4 13383:25 13388:8 13390:18 13391:7,19 13393:25 13394:12 13424:13 13433:2 13435:4,22 13440:20 13441:3 13447:9,11 13467:19 13475:9 13476:18 13480:7,22 13490:11 13493:16 13499:15 13500:3,10 13501:16,18 13518:12 13523:6	falling 13438:7	file 13364:1 13367:3 13502:24 13503:1,8	food 13369:6 13371:2	foot 13346:22
	falls 13438:9	files 13443:17 13502:23 13503:11 13506:24 13510:18	footprint 13377:2	foreman 13429:17
	false 13525:16	filled 13517:16 13533:3	fireproofing 13349:20 13371:14,16 13429:2,6,7,8,13	Forensic 13415:16 13420:24
	familiar 13364:14 13369:17 13514:19	final 13441:5 13468:6 13486:4, 16	firm 13356:2 13410:7 13412:11,15 13414:2,10 13415:24 13416:16 13417:14 13459:6 13467:2,15 13469:9 13470:3 13476:19 13477:6,11,12,17 13509:19	Forest 13407:2, 19,22 13415:25
	families 13535:24 13536:16	financial 13468:15		forestry 13407:6 13408:10 13418:23 13419:3
	façade 13525:15 13526:10	find 13352:9 13456:14 13504:23 13510:17		forgot 13512:9
	February 13515:13 13516:10,25 13522:20	findings 13465:1		
	Federal 13407:19,21	fine 13358:6 13371:17 13381:4,6 13535:15		

form 13363:20 13441:4 13509:14	fullness 13483:18	13484:1,12	groomers 13420:21	happen 13521:13
formal 13503:18,19	fully 13434:7,9, 11	geotechnical 13421:14	group 13382:13 13439:10 13507:7	happened 13383:23 13465:3 13471:9 13492:17 13494:24
format 13366:25	funded 13415:16	give 13361:3 13413:4 13453:1 13470:17,22 13497:15 13518:6	grout 13519:16	happier 13435:16
forming 13530:6	funds 13392:12	giving 13457:24	guess 13352:18 13391:24 13442:7 13461:25	happy 13400:22
forward 13400:18 13442:24 13498:21 13501:16	Furoy 13423:14, 20	globally 13400:3,12 13416:4	guidelines 13355:21	hard 13382:25
forwarded 13433:2 13439:21 13442:4 13482:16	FX 13344:19	good 13343:13, 14 13354:1,12 13375:6,8 13412:12 13432:10 13445:15 13479:8 13485:19 13488:15, 13504:20 13514:16 13529:20 13537:15	guilty 13357:5	Harry 13505:10
found 13344:4 13361:9 13385:24 13453:11 13462:5 13463:4 13465:13	FX16 13449:13	governed 13445:4	gullibly 13391:24	haunt 13536:11
foundations 13412:22 13414:5	G	government 13410:11,17,21	gutters 13394:5	head 13373:17 13487:10 13534:5
founding 13414:22	G-r-i-f-f-a 13430:14	grade 13418:19	guy 13367:25 13395:17	healing 13536:6
four-numbered 13503:2	G.H. 13363:6	graduate 13359:3	H	hear 13382:16 13500:6
four-side 13534:12	G16 13346:16 13352:11 13384:1,18 13463:12	grant 13410:21	H.R. 13455:14 13456:19 13457:15	heard 13346:4 13349:13 13354:18 13382:12 13400:24 13444:1 13449:18 13477:15 13480:2 13482:6,17 13512:24
frailty 13530:20	gain 13525:9	grapes 13455:6	half 13360:6 13369:25 13381:9 13384:4 13515:10	hearing 13357:3 13362:11 13474:3 13479:18
frame 13350:23 13456:15	Gardiner 13438:7,8,14,16	great 13377:12	Halsall 13506:22 13507:2	hearings 13495:23
framing 13514:7	gated 13444:11	Greg 13445:13	Hammond 13505:14	heart 13354:24
Friday 13537:14	gather 13363:13 13367:16 13373:4 13386:12 13447:4 13479:11	grey 13450:15 13452:2	hand 13446:9 13453:5 13481:4	Hearts 13416:15
friend 13399:2, 20 13400:16 13424:25 13440:11 13441:5,22 13442:14 13517:24 13524:6	gave 13356:2 13381:23 13401:16 13447:4 13455:8,19 13463:14	Greyhounds 13416:14	handle 13481:3	heat 13436:2
front 13366:13 13376:23 13390:17 13498:10 13525:15	general 13392:10 13471:8 13494:22 13518:5	grid 13344:19 13352:14 13370:12 13371:3 13373:22 13384:1 13445:23 13446:2,8,9,12	handwriting 13366:15 13430:21,22	heavily 13344:4 13396:10,11
full 13436:13 13470:22,25 13500:21 13537:13	generally 13528:16	Griffa 13430:14, 24 13431:1 13447:21	handwritten 13347:19 13453:22 13454:3	held 13449:25 13451:9,10 13470:7 13475:24
	gentleman 13444:15		hangar 13417:15,24	helps 13397:20
	genuine 13482:21		hangars 13417:21	Henri 13430:4,5, 6
			hanging 13386:22 13516:2	hidden 13532:9
				high 13411:11 13420:24

highway 13412:4	13425:8,18,22 13426:5,11,12,15, 18,21 13433:23 13435:1,6,23 13436:2 13455:13 13472:24	igneous 13421:11	included 13357:18 13423:2 13487:15	13363:9 13456:14 13528:12
hindsight 13353:25 13354:7,14		imagine 13395:1	includes 13383:11 13422:17	informal 13503:18
hired 13423:20	hotels 13408:16, 22,25 13409:6 13425:25	immediately 13387:1	including 13396:24 13410:11 13421:15 13491:22 13493:17	information 13365:23 13398:1 13409:15 13423:6 13437:22 13438:1 13452:25 13454:18 13455:19 13470:18,24 13481:13 13494:22 13504:3,4,12 13505:8 13506:4, 15 13509:6 13511:17 13528:4 13535:24 13536:9
historic 13410:20	hours 13389:4 13431:23	immensely 13537:4	Inco 13412:17,21 13413:23,24 13414:13	
history 13365:4, 14 13473:11 13536:14	house 13412:25 13436:5	impact 13378:22	Incorporated 13507:15	
hmm 13365:7 13531:15	housed 13416:14 13419:10	implications 13359:18 13360:22	independent 13476:20 13501:13	
hockey 13409:21	houses 13411:25 13412:7	imply 13373:10 13405:16	independently 13501:10	informed 13394:6 13424:19 13428:9 13454:24 13493:16
hoist 13414:23, 24	HR 13348:1 13349:9	importance 13478:14 13523:25	index 13509:18	informs 13424:25
hold 13370:21 13389:5 13448:20 13478:7 13485:6	HSS 13514:1	important 13395:4 13505:3	indexing 13509:15	infrastructure 13394:2
holder 13357:14	huge 13447:10	impressed 13427:24	indicating 13480:3	initial 13364:10 13385:19 13386:16 13387:20 13407:22 13439:25 13440:4 13441:12 13459:23
holding 13452:21	Hughes 13344:15	impression 13474:11	indication 13380:11 13475:12 13487:20 13488:2 13504:15	initially 13526:6
hole 13517:3 13524:25	humid 13409:22	improper 13528:13	indications 13394:6	injuries 13535:22
holes 13421:19 13521:9 13524:16 13526:7 13533:1 13534:11	hung 13369:8	improperly 13412:7	indicative 13526:1	Inn 13378:20 13390:2 13425:8
home 13359:16 13416:13	i.e 13457:8 13514:23	in-chief 13406:3 13437:16 13522:4	individuals 13464:19	inquiring 13388:15
Honour 13479:1	i.e. 13481:4	in-depth 13536:7	industrial 13411:25 13415:2 13418:23 13445:4	inquiry 13343:3 13437:17 13511:5
hope 13536:13	ice 13355:12,17	in-house 13414:25	industry 13420:2,4	inside 13525:7 13532:5
hoping 13456:21	idea 13354:1,12, 15 13413:3 13484:20 13518:4	in-question 13518:18	infiltration 13351:22	insistence 13468:23
horrified 13438:3	identification 13491:12	inappropriate 13397:9 13458:8	inform 13361:22,24	
hospital 13421:16	identified 13363:3 13384:2 13529:19	inch 13348:11		
hospitals 13431:14	identify 13378:13 13409:10 13450:16 13517:25	inches 13346:22 13455:17,21,24		
hotel 13365:6 13366:1,2 13371:18 13408:22 13411:10		incident 13391:8,10		
		include 13488:1 13529:21		
	I			

inspect 13383:21 13421:5,6 13422:22 13488:3	13439:15 13523:20	intended 13361:2 13379:11,12 13421:3 13486:16	invited 13417:1	January 13416:24
inspected 13371:24 13375:19 13377:25 13378:5 13380:1 13389:21 13390:13 13408:25 13409:20 13410:14 13422:18 13460:13 13472:4,24 13528:9	inspector 13411:16 13429:11,15 13430:12 13431:5 13460:10,12	intends 13400:13	involve 13411:3 13421:17 13428:9	job 13432:10 13481:3
inspecting 13408:23 13488:10	inspectors 13411:15 13431:10 13432:3 13462:15 13536:17	intention 13486:4,7,14 13501:3,4 13518:22	involved 13358:4 13408:19 13411:5 13412:15 13414:7,21 13415:17 13416:11,16 13417:14 13418:4 13419:8,16 13420:3,5 13421:1 13423:10 13426:13 13431:20 13468:4 13496:10 13508:5	Joe 13445:13 John 13508:4 joint 13370:18 13378:19 13390:1 13449:15,16 13491:1,15 13494:7 13498:21,25 13499:6,23 13501:14
inspection 13343:18 13364:16 13366:7 13367:4 13368:7 13369:13 13371:1 13375:20 13377:15,16,18 13381:20,22,25 13382:6,19 13383:20,21 13390:19 13414:4 13424:8 13447:11,21,24 13448:8 13449:5, 6,23 13452:6 13455:14,20 13459:7 13460:8 13463:16 13464:14 13465:1,23 13471:17,18 13472:10,21 13473:9 13476:6 13480:25 13481:5,10,21 13482:1 13486:18,23 13507:25 13513:1 13515:9 13518:16 13520:4 13522:21 13524:10 13531:7	installations 13431:15	interest 13398:2 13439:10 13468:18,19 13477:17,20,21 13498:14,19 13509:17	involvement 13407:4 13414:1 13418:25 13420:15	jointly 13495:2, 24
inspections 13409:18 13410:16 13414:8	installed 13394:13 13421:6 13424:15 13436:14	interim 13410:24 13411:13	involving 13480:24	joints 13449:17, 19,20 13528:23
	installing 13418:18 13424:13	interior 13474:18	irritate 13360:18	Jones 13509:3
	instances 13388:3	internet 13485:5	issue 13356:5 13401:4 13436:9 13441:19 13442:23 13444:2 13453:15 13455:4 13463:6 13465:5 13486:17 13518:25 13522:6 13523:21	judgment 13500:5,7,8,11
	instructed 13355:15 13429:12,15	interpose 13492:5	issued 13506:11 13508:1,6	judicial 13342:24 13343:2
	instructions 13429:21	interview 13516:15	issues 13356:17 13386:23 13510:6 13511:16	July 13521:25 13523:6,8 13524:12 13527:5
	insulation 13371:9 13384:12,13	introduced 13345:12	item 13382:21 13408:6 13414:18 13438:17	June 13496:4,12 13498:16 13501:12 13515:13 13516:11 13517:1 13522:20 13524:12 13535:19
	insurance 13412:3,12 13464:19 13510:16	Invasive 13408:8	item-by-item 13400:3	JUSTIN 13485:5,8,12,15
	intact 13450:18 13452:12	Invasive's 13408:6	items 13402:4 13422:19,23 13482:4	<hr/> K <hr/>
	integrity 13440:23 13443:11,13 13456:3 13518:17	Invest 13409:4	James 13377:4	KB 13444:2 keen 13427:24 keeping 13397:21 13481:16 keyboard 13492:10
	intend 13497:9 13500:24	investigated 13487:24 13510:12		
		investigation 13421:14 13465:10 13470:24 13506:7 13508:10,14	<hr/> J <hr/>	
		investigations 13421:16 13464:23		
		investment 13409:7 13477:24		

Keywan 13377:4	Ladell 13515:12 13517:2	leakage 13343:17,18 13365:15 13368:25 13370:3,4,17 13371:11 13372:5 13373:11 13378:16 13383:22 13384:10,15 13387:11 13389:24 13390:16,18,20, 21 13391:15,22, 23 13396:21 13446:12,13 13447:10 13448:12 13449:17,21,22 13450:1 13452:16 13463:11 13464:7 13465:13 13505:18	left 13348:3,6 13367:8 13371:25 13389:1 13440:13 13446:9 13451:5 13455:12 13474:14 13476:19 13494:21	13535:4
kills 13436:7	Ladell's 13523:11 13525:1	leaked 13398:7 13403:12 13512:2	legally 13444:15,19	levels 13531:9 13532:25 13533:5,6
kind 13411:22 13443:7 13477:2 13481:9 13534:23	lady 13518:22	leaking 13377:21 13395:19 13443:9, 13446:15 13447:5,15,16 13450:20 13452:5 13473:13 13487:20	legal 13360:23	Levon 13364:8
kiosk 13446:14 13516:4,6	Lake 13419:22 13424:10 13427:16 13433:3 13434:9 13437:5, 13454:7 13458:4, 9 13462:24 13463:9 13480:3 13485:23 13504:1 13515:11,21	leaks 13394:3,6, 24 13473:13	legislation 13342:21	liability 13359:8
knew 13355:19 13366:3 13393:23 13394:21 13399:3 13405:17 13431:12 13443:15 13493:18 13510:2	land 13354:25 13355:1 13444:9, 12	leaky 13383:25 13384:2	length 13484:20	licence 13362:4, 13,20 13493:2 13501:22
knowing 13354:14 13500:15 13537:13	land's 13356:5	learn 13365:14, 17 13427:24	lengthy 13495:22	license 13358:18 13362:19 13363:9 13478:25 13479:8,11 13499:19 13501:18,21 13502:2,7
knowledge 13443:19 13463:13 13510:7	lands 13410:13	learned 13391:6,8	letter 13342:14, 18 13360:5,8,14 13361:13,20 13362:16 13422:8,10, 13423:13,15,18, 24 13425:6 13428:24 13429:3,25 13430:2 13434:18,24 13435:17 13436:23 13437:1 13439:21 13462:3,11 13466:1 13480:13 13489:2,4,6,7,8, 11,14,25 13490:3, 4,14,21,22 13491:7 13492:19 13494:5,13,25 13495:9,10,12 13497:4 13498:5, 8,9 13501:24	library 13378:21 13390:3 13465:22
knowledgeable 13480:24	large 13386:7 13408:16,22 13414:16 13418:23 13425:14	leased 13487:17	letterhead 13434:20	licenced 13476:17
Kuka 13344:9 13372:13,16 13427:19 13432:13,17 13434:21 13436:17 13448:3 13450:12 13451:1 13462:9 13490:6 13520:7,19 13526:16	largest 13414:23 13418:12	leave 13393:12, 14	legally 13444:15,19	life 13520:2 13535:22
L	lastly 13405:10 13421:12 13437:15	leaving 13394:15,18 13477:12	length 13484:20	lifting 13414:25 13415:3
Laboratories 13415:16	late 13537:14	led 13388:7 13484:10	legally 13444:15,19	lifts 13413:11 13414:19,21
Laboratory 13407:2,7 13415:25 13420:24	Latham 13490:13		legislation 13342:21	light 13516:2
Labour 13355:22 13409:20 13445:5	Latham's 13495:12		length 13484:20	lighter 13354:11
lack 13350:9	Laurentian 13416:2		lengthy 13495:22	Linda 13490:13
lacking 13375:21	law 13421:23 13509:16		letter 13342:14, 18 13360:5,8,14 13361:13,20 13362:16 13422:8,10, 13423:13,15,18, 24 13425:6 13428:24 13429:3,25 13430:2 13434:18,24 13435:17 13436:23 13437:1 13439:21 13462:3,11 13466:1 13480:13 13489:2,4,6,7,8, 11,14,25 13490:3, 4,14,21,22 13491:7 13492:19 13494:5,13,25 13495:9,10,12 13497:4 13498:5, 8,9 13501:24	lineal 13457:1
	leading 13448:9 13449:6,23 13461:2 13463:17 13465:1 13482:11		letters 13463:5 13479:24 13489:20	lines 13370:13 13446:9
	Leah 13488:21		level 13381:24 13386:1 13426:22 13427:4 13455:10 13469:24 13477:3 13533:9,12 13534:19,21	liquid 13412:19, 20
	leak 13443:4 13446:19 13447:10 13455:4		letterhead 13434:20	list 13406:25 13407:1 13505:6 13510:10,12 13532:3
			level 13381:24 13386:1 13426:22 13427:4 13455:10 13469:24 13477:3 13533:9,12 13534:19,21	listed 13363:6 13408:24 13422:23
			legally 13444:15,19	listened 13361:7
			legislation 13342:21	literally 13394:24

live 13345:8 13346:24	13474:6,13 13512:22	M	13491:1,12 13494:5,14,25 13495:20 13496:17 13511:4 13512:2 13514:10 13525:22	Malaysia 13415:16,21 13416:7
Living 13463:18, 20,22	looked 13364:14 13369:4,18 13379:22 13382:25 13383:1 13384:14,20 13385:25 13412:6 13460:18 13472:20 13473:3,5 13474:19,21 13475:3,22 13476:14 13527:7,16 13535:5	M's 13503:10	main 13435:21 13456:25 13487:16 13536:12	mall 13343:17 13365:4,5,10,21 13367:6 13368:16 13371:2 13377:3 13378:25 13392:11 13397:16 13398:3,5 13403:8 13405:11, 13411:17,20 13422:17,23 13423:10 13428:12 13429:2, 13430:5 13431:22 13437:19,23 13438:4,18 13440:8 13454:25 13463:21 13464:16 13472:3,4,7,10,22 13473:12 13474:18,19 13475:3 13482:17 13483:3 13487:13,17 13504:1 13506:11 13507:19 13508:5 13510:13 13511:5,19 13512:15 13513:2 13515:24 13516:1,4,7 13518:9 13522:10 13535:23 13536:4
load 13346:8,24, 25 13379:17 13380:19 13412:10 13421:3	loose 13350:22	M.R. 13363:4,7 13408:13 13432:21 13436:24 13463:16 13464:15 13466:13 13469:12 13502:22 13509:14	maintenace 13367:25 13368:13 13370:5 13371:7,11,25 13372:5 13375:19 13379:2 13416:21	
loading 13534:18,19	loss 13349:18 13378:1 13380:8, 12 13385:11,14 13389:22 13390:14 13475:10,13 13482:2 13519:3 13535:22,23	machine 13420:6,11,21	major 13369:3 13411:5 13413:2 13414:14 13415:3 13416:5 13417:2 13434:8 13466:21 13467:11	
lobby 13348:3,6 13455:11	lost 13478:25 13479:7,11,13	Macrae 13398:21 13399:1,7,10 13400:1,5,15 13406:2,4,19,21 13417:13 13427:18,20 13432:13,18 13436:16, 13438:21 13440:24 13441:18 13502:17,19 13505:1,4 13510:21, 13517:23 13518:12 13521:16,23 13524:3 13525:4 13526:6 13527:1 13528:2,17,20 13530:1,4 13531:2 13535:10,11	majority 13467:9	
local 13355:14, 15 13411:7 13419:22	lot 13365:11 13386:2 13414:4 13425:2 13446:3 13499:17 13531:21	made 13359:5 13361:1 13377:10 13386:12 13398:7 13399:20 13403:12 13424:22 13426:11 13459:5 13463:8 13465:3 13475:17 13477:14,22,23 13483:9,13 13484:4,9 13489:10,17,18	make 13342:21 13361:8 13381:15 13386:13 13392:20 13396:23 13410:10 13429:16 13437:14 13448:10 13450:9 13460:16 13475:18 13482:10 13494:6 13516:13 13519:14 13535:13	
located 13344:16 13348:2,5 13378:19 13408:3 13422:19 13449:5 13463:22,25 13528:6	lots 13348:19 13349:7		malls 13442:12	
location 13352:22 13378:13 13456:1 13518:7 13519:17 13530:12,17	loud 13497:25		man 13393:17 13427:23	
locations 13375:22 13384:25 13530:3	lower 13346:5 13418:17 13513:21 13531:18,21 13533:12		man's 13393:16	
lock-up 13411:11	Ltd.'s 13363:5		management 13355:21 13470:3	
locked 13531:22 13532:11	lumber 13412:9 13418:24		manager 13367:20 13470:4	
logging 13412:5 13419:15 13420:2,4	lumps 13438:7		mandated 13436:20 13440:21	
logical 13526:12 13527:2	lunch 13349:4		manger 13429:6	
long 13392:3 13394:9 13441:18 13443:16 13474:5	Luncheon 13478:18			
long-span 13514:22				
long-standing 13394:1				
longer 13443:3 13466:8,20				

manner 13347:14 13400:17	matters 13490:18 13495:14	13389:23 13390:15 13414:9 13477:11 13514:1,4,23,24 13534:2	13523:17,21 13530:1,20	13509:12 13526:13
manufactured 13345:18 13419:22	Mc 13399:6,8		mindset 13440:15	momentarily 13478:6
manufacturing 13413:9	Mccowan 13397:12 13398:2,13 13399:3,6,14,25 13400:12,14 13401:1,8,11,18 13402:19,21 13404:3,18 13405:4,11 13511:1,3,18	memo 13454:7	mine 13367:10 13372:1 13416:6	Monday 13439:5 13537:8
map 13529:16		memory 13397:20	minimum 13371:11	money 13394:19 13395:17 13398:14 13404:7
March 13432:22 13499:16 13500:1		mention 13380:25 13408:18	Mining 13416:2	monitor 13366:12
Marie 13407:8 13408:4 13411:1, 13412:17,21 13413:5,14,25 13415:23 13416:12,21 13417:10,15,21 13421:8 13422:3 13494:1	means 13346:21 13386:2 13396:11 13407:15 13413:1	mentioned 13345:14 13489:5 13516:25	Ministry 13355:22 13356:12 13409:20 13445:4	month 13495:3
mark 13342:12 13423:13	meant 13373:15 13441:9	mere 13491:19	minute 13434:20 13448:21 13453:20	monthly 13523:2
market 13409:7	meantime 13368:1	met 13367:23 13397:12 13429:11 13437:4 13458:25 13472:14	misrepresentin g 13400:13,16	months 13358:8,10 13360:6, 13362:10 13381:9 13384:4 13437:20 13493:3 13496:24 13499:12 13500:6,13 13516:10
mark 13342:12 13423:13	measurements 13380:10	metal 13351:13 13451:16,18	misrepresents 13395:23	morning 13342:2,4,7 13343:13,14 13405:23,25 13411:21 13445:17 13454:24
market 13409:7	mechanical 13364:21 13369:13,18 13409:9 13473:5 13503:16	method 13382:16	missed 13376:9	mortgage 13395:17 13396:20 13471:19,22,25
Marshal 13425:17 13436:1	media 13478:23	Meyer 13506:10	missing 13353:11 13369:6 13371:3,13 13373:21,23,24, 25 13374:2 13390:17 13452:7,17	mortgagee 13393:20 13395:17 13440:15,17 13442:24
Marshal's 13425:15 13426:6,8	medical 13481:8 13536:15	Michigan 13422:4	Mississauga 13412:5	mortgagor 13395:16
match 13529:3	medium 13385:9 13386:1	Michipicoten 13411:1,14	mistakes 13354:23	motion 13494:7 13495:2,24 13501:10,14,15, 17
material 13349:19 13370:5,7 13382:10 13395:3 13439:11 13450:15 13452:11 13453:2 13461:18,21 13462:5 13471:8 13476:10,12 13487:21	meet 13367:20 13435:5 13470:15 13472:14 13493:15	microphone 13448:21	misunderstand ing 13499:10	motive 13360:14
materials 13488:4,6,7,12 13507:20	meeting 13433:12 13437:7 13459:1	mid-span 13343:19,23 13346:14 13347:6 13354:5	MNR 13354:25 13355:3,7,11,15, 20 13410:12 13420:10	mould 13464:15, 18,23 13465:8, 13507:9 13508:13
matter 13342:9 13363:20 13393:19 13452:2 13474:14 13480:24	mega 13413:6	million 13398:12 13404:4 13407:10 13417:3	mobile 13414:23,24	
	member 13517:3 13528:1	millions 13413:6	moment 13430:16 13432:24 13478:8 13498:10	
	members 13343:23 13357:4,14 13377:20 13378:2,4	mills 13418:24		
		mind 13359:7 13478:10 13496:8 13518:12		

13510:6 mountain 13474:22 mounted 13521:4 move 13350:21, 23 13351:1 13422:6 13423:8 13432:11 13526:25 moved 13491:23 movement 13348:18,19,22 13349:2,5,7 13350:17 13351:6 13454:19 13456:1 moving 13352:17 13412:14 13414:11 13416:10 13418:22 13436:9 13441:14 13457:22 13526:24 MRW 13357:23 13359:2 13507:10 13508:14 MRWP1087 13424:24 multi 13370:15 13372:10,19,25 13425:14 municipal 13378:20 13390:3 Myles 13485:1 13502:12,14	Nazarian 13364:6 13386:20 13387:19 13389:14 13391:21,22 13392:24 13395:15,18 13401:22 13402:6,25 13403:23 13423:19 13425:7 13427:1,10 13429:1 13432:22 13433:4,11 13434:25 13436:10 13437:1 13439:19 13440:18 13442:6 13455:2 13458:3, 17 13462:4,13 13486:8 Nazarian's 13391:1 13435:12 Nazarians 13442:11 Neave 13368:9 13472:23 13473:4 needed 13355:16 13359:23,25 13380:24,25 13402:2 13427:7, 9 13434:16 13439:18 13497:12 news 13504:20 Nicholls 13415:15,22 13416:1 13506:17 night 13460:12 nightshifts 13460:11 nitrogen 13412:20 Nobody's 13385:2 nomenclature 13499:5,10 13502:23	nominal 13477:23 noon 13442:4 normal 13509:22,25 NORR 13344:4, 15 13382:13 13385:6,23 13448:3 13451:23 13452:20 13460:25 13505:5 13514:17 13515:10 13520:1 13521:21,23 13522:7,8 13523:4 13524:7, 15 13525:12,13 13526:21 13527:6 13528:25 13529:23 13531:25 13533:18 NORR'S 13514:19 13534:14 north 13344:19 13346:11,12,15 13422:3 Northland 13417:23 notation 13486:1 note 13349:16 13369:20 13372:4 13374:15 13375:4,5,20 13482:10 13489:22 13513:2 noted 13369:5 13371:10 13378:22 13415:2 13429:10 13430:9 13452:18 13466:2 13481:14 notes 13347:19, 20,23 13366:8,17, 20,21,24 13370:5 13390:19 13430:25 13431:4,6,8,11,17 13432:2,7	13453:11,18,22 13478:3 13479:25 13511:10 13513:23 notice 13342:24 13343:2 13439:21 13452:4 13467:10 13507:25 13508:1 noticed 13447:5 Notwithstandi ng 13464:23 13493:10 13499:4 November 13342:15 13358:22 13361:21 13363:12,14 13423:13 13462:4,11 13466:3 13494:9 13495:25 13498:9 13500:21 NRC 13536:8 number 13342:14 13360:24 13385:8 13408:18 13425:13 13462:7,8 13464:15 13469:2 13475:16 13494:25 13495:13,20 13497:22 13503:3,8 13513:25 13517:1 13524:24 13526:18 13527:19,25 numbers 13503:9 numerous 13410:14 13412:7 13414:19 13415:1	objection 13398:22 13399:14 13400:11,20 13440:25 13441:10 13482:11 13521:16 13523:14 13527:1 13528:3,4,11 13530:4,8 objections 13526:9 obliged 13392:6 obscured 13486:23 13487:1,4 13488:3 obscuring 13487:21 observation 13460:16 13475:24 observations 13449:3 13464:25 13465:3 13536:2 observe 13349:4 13447:9, 10 13449:22 13452:15,17 13487:22 13535:3 observed 13379:16,20 13382:22 13396:3 13448:23 13452:1,6,12 13475:1,9,11,14 13513:3 13523:24 13535:4 obtaining 13504:2 Obvious 13370:17 occasion 13428:16 occupancy 13411:5,12 13425:16 13536:4 occupants
<hr/> N <hr/>				
N-e-a-v-e 13368:10 natural 13345:23 nature 13420:6 13461:7 13473:12 13524:15				<hr/> O <hr/> object 13440:24 13525:4 13530:5

13436:4	offices 13416:21	13414:23	originally	
occupied	official 13410:25	13433:20	13417:22	P
13377:1 13459:19	13411:7,13	operational	13490:15	
13460:2 13487:12	13417:1	13436:6	originated	P.eng. 13359:23,
occurred	13424:16,18	operator	13530:18,23	25 13466:13,20
13354:2 13441:6	13429:22 13430:7	13414:24	ostensibly	13469:5 13470:10
13446:14	13454:6 13458:14	opinion	13478:25	13476:17,21
13467:13	officials	13355:25 13356:2	Ottawa	13490:13
13521:19	13433:13	13377:8 13379:15	13485:11	P.eng.'s
October	13434:6,13	13397:10 13453:1	outline 13458:13	13468:24
13397:16 13398:5	OFRI 13420:24	13475:24,25	outlined	13470:11
13423:9 13441:2	Ohio 13419:5	13481:22	13458:6	p.m. 13367:8
13442:3 13445:21	omitted	OPP 13401:17	outlining	13478:18,19
13447:25 13448:9	13379:12	13420:23	13457:8	13537:18
13449:7,24	ongoing	13510:12	overhead	pages 13357:8
13454:21	13370:4, 13372:5	13516:16 13536:8	13514:5 13525:2	13366:10
13456:16,20	13378:16	OPP-	13527:14	13526:16
13458:3,6,14,23	13389:24	E00002339	overlooked	paid 13477:21
13465:2 13485:25	13390:17,18,20,	13516:22	13491:17	paint 13375:13,
13495:10	24 13391:15,22,	opportunity	oversaw	15 13459:12,25
13498:4,8,12	23 13395:19	13397:20 13400:6	13407:16	13460:1 13514:24
odd 13371:13	13466:22	13499:25 13518:1	oversee	13519:13,20,21,
offer 13493:25	Ontario	13525:13 13536:5	13411:8 13415:10	24
13494:5,6	13342:19 13362:6	oppose	overview	painted
13501:7 13537:3	13363:11	13501:11	13516:18,20	13370:15
offering	13407:2,6,7	opposed	owned 13356:7	13371:21
13495:21	13415:25	13524:17	13413:20,22,24	13374:6,7,9,14,20
offers 13494:14	13417:22 13418:4	options	13414:22	13375:6,8
office 13355:16	13425:8,15,17,23,	13494:19	owner 13392:4	13459:14,20,22
13368:2 13425:16	24 13426:8	13496:15	13395:3	13520:13
13426:8 13431:20	13436:1 13438:6	order 13346:8	13413:16,17	panel 13525:12,
13439:13	13466:9 13476:18	13353:5 13362:1,	13440:22 13445:2	14
13481:17	13488:22	7 13383:16,19	13465:24	panels 13373:25
13490:15	13535:21	13422:16,23	13504:2,10	13455:10
officer	open 13364:1	13423:2,4	owners	panic 13534:17
13347:21,22	13533:22	13432:14	13405:12	paper 13359:6
13350:5	opened	13457:24 13459:9	13413:20	paragraph
13427:16,22	13416:22,23,	13494:2 13499:18	13442:11	13376:22,23
13428:2,8,12,19	13502:24 13503:1	13509:17 13528:6	ownership	13389:19
13433:7 13434:15	opening	orders 13493:1	13477:15	13390:12
13435:9,15	13363:20	13504:7	oxidized	13406:24
13436:10,12	13376:23 13382:7	ore 13414:15	13396:11	13422:13,16
13437:10,11	13417:1 13502:22	origin 13516:14	13513:24	13425:13
13454:3,5,12,17	operate	original	oxygen	13426:20
13455:19	13468:10	13348:11	13412:20	13430:12
13456:8,11	operating	13375:12,15	originally	13433:10 13484:4
13458:8 13462:22	13365:22	13377:12	13417:22	13490:23
Officer's	13521:20	13482:20,24	13490:15	13493:9,22
13347:20	operation	13484:1	P.eng. 13359:23,	13499:1,2,23
13349:16			25 13466:13,20	13501:6
13453:18			13469:5 13470:10	
			13476:17,21	
			13490:13	
			P.eng.'s	
			13468:24	
			13470:11	
			p.m. 13367:8	
			13478:18,19	
			13537:18	
			pages 13357:8	
			13366:10	
			13526:16	
			paid 13477:21	
			paint 13375:13,	
			15 13459:12,25	
			13460:1 13514:24	
			13519:13,20,21,	
			24	
			painted	
			13370:15	
			13371:21	
			13374:6,7,9,14,20	
			13375:6,8	
			13459:14,20,22	
			13520:13	
			panel 13525:12,	
			14	
			panels 13373:25	
			13455:10	
			panic 13534:17	
			paper 13359:6	
			paragraph	
			13376:22,23	
			13389:19	
			13390:12	
			13406:24	
			13422:13,16	
			13425:13	
			13426:20	
			13430:12	
			13433:10 13484:4	
			13490:23	
			13493:9,22	
			13499:1,2,23	
			13501:6	

paragraphs 13357:25 13442:16 13526:5 13532:4	partner 13397:4 13414:22	PEO 13342:16 13354:17 13360:18 13361:21 13362:19,21 13363:1 13466:15 13479:9,17 13488:24 13489:2,9,13 13490:22 13493:24 13495:1 13497:18 13498:12,18 13501:14	permitted 13399:11 13433:24	13482:5 13483:4 13487:7 13513:10 13515:8,12 13516:5,9,12, 13521:22,24 13522:18 13523:5,19 13524:22 13532:15 13533:3 13536:8	
pardon 13393:13 13446:18	parts 13509:19 13516:6	PEO- E000000403 13342:14	persistent 13443:8	person 13368:13 13402:5 13403:2 13407:24 13430:5 13444:14,18 13452:21 13466:12	photography 13536:7
park 13455:10	party 13392:19 13395:16 13483:12	PEOP0000001 224 13489:22	personal 13439:2	personally 13433:21,25	phraseology 13483:5
parked 13372:9	pass 13444:8 13493:5 13494:2, 10 13496:2,17 13497:7,10,12,16 13499:12,24	PEOP0000001 224 13489:22	personnel 13483:3	physically 13348:21	phrasing 13484:3
parking 13344:21 13369:25 13370:3, 13372:4 13377:20 13378:16 13379:2 13389:24 13390:22 13506:3 13509:4	passed 13362:2, 10,13 13458:4 13493:12 13499:7	people 13395:1 13426:13,17 13436:7 13438:5 13444:11 13464:20 13504:22	perspective 13354:19 13368:25 13411:3 13441:20 13476:21,24,25 13515:14	pick 13521:4	physically 13348:21
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	passing 13498:15	percentage 13386:7	Peterson 13505:10,15	Pic 13388:16	pick 13521:4
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	patched 13517:21	perfectly 13491:5	phase 13407:21	picked 13392:14	picks 13520:23
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	patches 13475:4 13513:3	perimeter 13530:25	phenomenon 13345:23,24	pics 13389:6	picture 13352:9 13354:5 13370:18,24 13372:20 13386:21 13387:4,7,8,14, 17,20,23,24 13388:8,10,11 13392:5 13396:6, 10 13446:5 13476:1 13514:11,18 13517:11 13518:20 13520:16 13522:24 13525:19 13526:21 13527:5,13 13528:14, 13530:22 13531:12
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	Patrick 13389:4	period 13409:17 13443:16 13459:24 13464:8 13500:10 13501:12 13503:22 13523:2	phone 13364:9	photo 13388:8, 15,17	photo 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	Paul 13427:16,22 13433:7 13434:14 13435:15 13436:19 13453:17 13456:8 13462:22 13506:10	periodically 13431:25	photo 13364:9	photograph 13440:1 13445:22 13448:5 13451:6, 14 13452:20 13453:2 13460:25 13482:3 13483:20 13517:2 13529:3	photograph 13440:1 13445:22 13448:5 13451:6, 14 13452:20 13453:2 13460:25 13482:3 13483:20 13517:2 13529:3
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	Patrick 13389:4	Perizzolo 13535:24	photograph 13440:1 13445:22 13448:5 13451:6, 14 13452:20 13453:2 13460:25 13482:3 13483:20 13517:2 13529:3	photographed 13352:24	photographs 13393:5 13396:24 13439:25 13440:1,5 13442:15,21 13447:19,20 13473:21 13475:16,21
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	Paul 13427:16,22 13433:7 13434:14 13435:15 13436:19 13453:17 13456:8 13462:22 13506:10	permanent 13379:5 13380:24 13381:1	photographs 13393:5 13396:24 13439:25 13440:1,5 13442:15,21 13447:19,20 13473:21 13475:16,21	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	paving 13505:25	perimeter 13530:25	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	payment 13477:22	period 13409:17 13443:16 13459:24 13464:8 13500:10 13501:12 13503:22 13523:2	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	peeling 13519:18	periodically 13431:25	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	penalties 13490:18	Perizzolo 13535:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	penalty 13357:7, 19 13358:4 13362:1,7 13490:25 13491:15 13493:1	permanent 13379:5 13380:24 13381:1	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	penetration 13443:12 13461:22 13488:8	permission 13483:16	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	partner 13397:4 13414:22	permit 13355:8, 16 13457:9 13463:1	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	partners 13419:2	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	parts 13509:19 13516:6	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	party 13392:19 13395:16 13483:12	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	pass 13444:8 13493:5 13494:2, 10 13496:2,17 13497:7,10,12,16 13499:12,24	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	passed 13362:2, 10,13 13458:4 13493:12 13499:7	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	passing 13498:15	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	patched 13517:21	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	patches 13475:4 13513:3	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 13520:19 13522:4 13530:6, 13531:7	Patrick 13389:4	permitted 13399:11 13433:24	permanently 13388:8, 15,17	permanently 13388:8, 15,17	permanently 13388:8, 15,17
part 13344:20 13346:5 13349:10,13,22 13350:2,6 13356:3 13373:19 13381:9 13382:16 13383:24 13392:16 13447:21 13451:24 13457:17 13487:13 13491:3,14 13493:8 13512:9, 25 13513:10 13515:23 13516:17,19 13518:9 135					

13393:1 13394:8 13395:5,20 13396:8 13438:5 13441:3 13443:21 13447:12 13484:3 13512:23 13514:13 13515:17 13518:2 13520:1,9,10 13521:17 13522:7 13524:11 13525:2,21 13526:8,11,13,17 13529:22 13530:6,10,18	play 13418:5 plea 13357:4,6, 14,17 13359:5,11, 18 13360:23 13361:8 13491:3 13500:4 pleaded 13357:5 pleading 13359:12 pleas 13357:24 pleased 13504:23 point 13343:16 13357:3 13365:4 13368:6 13374:8 13377:10 13405:23 13422:21 13424:18 13427:11 13431:19 13448:15 13450:6 13457:18 13466:6,11 13467:24 13470:4 13478:13 13500:24 13516:13 pointed 13436:1 13449:25 pointing 13449:11,12 poke 13487:10 pole 13521:8 13524:16 police 13411:11 13444:16 politely 13436:18 ponded 13394:10 ponding 13345:13 13394:9 13446:24 13447:1,12,16 poor 13386:1 13514:16	13529:19 portable 13419:15 Porter 13417:23 portion 13404:1 13448:24 13519:3 13533:16 position 13355:6 13456:11 13477:7 13521:14 positive 13370:12 possibilities 13493:25 posts 13516:8 PPE 13362:4 13493:12,14,18 13494:22 practice 13358:9,22,25 13362:5 13363:10 13375:24 13392:1,2 13425:21 13432:1 13466:19 13478:25 13479:8 13493:6 13494:3 13499:9,13 practicing 13363:14 13392:3 Praxair 13412:16,19 13413:18,22 precast 13346:6 13347:11 precise 13518:7 13523:2 13528:19 predict 13535:19 prefabricated 13418:2,8,16 preference 13402:14 preliminary 13342:9 premises 13461:2 13471:18	13487:13,18 prep 13460:5 preparations 13494:23 prepare 13494:18 prepared 13406:13,14 13439:23 13440:14 13493:24 13496:15 13536:8 preparing 13480:8 13500:15 presence 13536:22 13537:11 presentable 13366:25 presentation 13520:7 13526:22 13532:3 presented 13357:6,17 13402:11 13482:14 prestressed 13345:19,21 13358:11 13438:13,15 presume 13346:7 13430:4 pretty 13375:20 prevalent 13385:20 13443:9 13449:20 prevent 13459:23 13509:17 prevented 13396:25 previous 13369:4 13394:6 13500:8 13504:6 13536:1 previously 13343:9 13364:15	13371:17 13430:9 13510:15 13515:20,21 Price 13342:10, 18,22,25 13484:24 13488:17,18,19, 21 13490:4,8 13492:3,7,13,15 13497:23 13498:2 primarily 13383:1 13460:16 prior 13394:13 13425:16 13426:9 13434:10 13464:1,24 13496:8 13501:25 13505:12 private 13355:2 13356:1 13444:4, 9 privilege 13439:3 probable 13350:13 problem 13361:10 13378:24 13381:12 13402:1 13526:4 13533:1 problematic 13382:4 13530:17 problems 13371:19 13398:4 13401:8 13402:20 13403:2 13409:10,23 13512:14 procedure 13414:25 13431:4 proceed 13342:7 13468:6 proceeded 13357:11 proceeding 13429:14,24 13437:20 proceedings 13354:17
---	--	---	--	--

13478:24 13491:3 13537:17	13407:1 13413:8 13420:25 13421:4 13468:3 13509:18 13510:13,15	prosecution 13494:7 13500:18	13498:14,19 13535:21	Q
proceeds 13360:24	proof 13353:21, 22,24 13384:5,19 13452:7 13453:8	prosecutor 13500:17	PUC 13416:20 13417:4	
process 13418:4 13428:10 13457:8,12,14,22 13459:17 13460:9 13467:14 13470:9 13471:6 13480:21 13491:24 13503:18,19 13524:18 13536:7	proofing 13343:22 13349:18,23 13352:17 13353:5,10 13354:7 13371:9 13382:10,20 13383:9 13384:13,25 13423:21 13424:7 13431:13,21 13448:25 13449:10 13450:5,10,16,21 13452:3,10 13453:7 13457:3 13459:5,10 13460:7,17,22 13461:8,11,15 13462:16,20 13463:6,12 13487:4	protect 13379:7 13418:18 13535:21	pull 13384:12 13392:4 13395:2 13432:15 13513:8	Quebec 13417:16,24
processes 13419:1 13423:10	Properties 13505:18,25	protected 13418:21	pulled 13384:5, 24	query 13442:1
produce 13378:9	property 13355:2 13444:4, 15 13445:3 13457:24 13526:2 13528:7	protective 13438:10	purchase 13477:24	question 13344:11,13 13351:3 13352:19 13359:10 13374:13 13385:23 13402:3 13406:10 13433:9 13437:21 13447:13 13455:16 13458:2 13468:21 13503:7 13509:20 13512:13 13533:6 13534:1,3
produces 13412:19	proposal 13508:5	protocol 13481:17	purely 13420:18	questioned 13401:17 13474:16
product 13424:12,14 13524:17,18	proposals 13505:25 13506:1	provide 13409:15 13421:23 13427:13 13436:3 13504:10,11 13517:25	purple 13529:18	questioning 13530:9
production 13483:21	proposed 13415:11	provided 13399:21 13406:5,7 13423:3,5,24 13504:15 13506:14,23,25 13507:3 13508:10,11 13509:6 13510:12 13525:23	purpose 13361:2 13423:17,19 13433:17 13436:8 13459:25	questions 13372:3 13401:24,25 13405:21 13437:16 13438:20 13439:1,11 13441:12 13443:25 13445:7 13447:4 13453:10,21 13480:18 13482:1 13484:17 13485:3 13488:16,23 13502:11 13510:25 13512:17 13525:11,13,14, 20,25 13526:24 13528:14 13535:8
profess 13461:23	prosecuted 13444:11	provider 13417:10	purposes 13448:17 13471:18	quick 13526:13
professional 13358:9,15,25 13360:9 13362:5 13363:3,10,15 13392:2,25 13393:2 13415:12 13466:7 13477:3 13488:22 13493:6 13494:3 13499:8, 13 13536:16		providing 13399:21 13457:7 13511:6	pushed 13398:6 13403:8 13511:19	quickly 13526:24
professionals 13426:4		province 13360:10,12 13414:24 13415:1 13418:3, 13466:9 13476:18 13497:1	put 13344:10 13365:1 13375:19 13392:14 13395:2 13397:21 13398:9,23 13399:13 13403:15,21 13436:18 13443:4 13454:2 13459:9, 12 13460:2 13467:14,17 13474:13 13478:10,16 13482:21 13486:9 13498:10,21 13501:16 13503:10 13512:6,8 13513:18	quotations 13502:24
prohibit 13481:9		Province's 13535:22	putting 13399:15 13400:18 13403:17 13478:9	
project 13353:9 13354:25 13407:3,4,10 13409:19 13411:8 13413:5 13415:22 13416:3,5, 13417:19 13419:13 13510:2,11		provision 13350:24		
projects		proximate 13530:15		
		public 13354:25 13356:1,10 13417:6 13442:12 13444:7,10		

R	13480:23 13481:3 13527:9	13430:20,22 13524:1	referencing 13447:20	rehabilitation 13509:5
radio 13445:3	reasons 13439:2	recognized 13394:3	referred 13342:12 13390:5 13394:9	reinforce 13519:16
railcars 13414:15	rebar 13438:11	recollection 13374:10 13400:25 13401:12,15 13403:6 13432:7, 9 13460:4 13480:9 13531:23 13532:11	referring 13349:12 13389:7 13426:24 13441:10,23 13505:5	reinforced 13398:8 13403:15,19 13409:14 13410:4,6 13438:8 13512:6, 10
rained 13394:10	reboot 13485:14	recommend 13433:12	refers 13498:25	reiterate 13526:9
raise 13405:24	recall 13348:12 13385:8 13398:9 13402:7 13404:9, 20 13412:8 13416:22 13423:15 13428:6,14 13430:1 13433:14 13436:25 13439:17 13452:14 13482:8 13486:3 13487:19 13489:6,7,11,12 13502:21 13511:3,6,21 13525:6,11 13526:21 13527:17,25 13529:17	recommendati on 13433:15,18 13536:12	refinancing 13364:13 13392:17 13471:22	relate 13386:22 13426:7
rapidly 13351:24 13352:2,5	recalling 13511:12	recommendati ons 13459:6	reflect 13392:10	related 13350:18 13417:16 13510:5,13
rate 13520:3	receipt 13480:4 13490:22	recommended 13353:9 13434:5 13469:20	reflects 13392:5	relates 13530:22
re-examination 13502:16,19 13512:21 13523:15 13524:2 13531:1	receive 13437:21 13458:11 13502:25 13506:19	recommending 13457:3	refurbished 13410:20	relating 13516:1
reaction 13438:1	received 13345:3 13387:18 13437:25 13462:13 13494:15 13498:5,12	record 13369:3 13395:5 13400:9 13407:6,12,14,21 13416:19 13437:14 13448:17 13450:9 13479:5 13497:24 13530:6 13536:14	regained 13479:10	relation 13446:15
read 13346:20 13351:17 13366:12,13 13370:2,8 13390:7 13400:8 13424:2 13429:3 13431:6 13453:20,23 13454:22 13490:11 13493:23 13509:3	receiving 13370:15 13456:11 13480:5	records 13536:15	regard 13355:4 13428:7 13448:18 13459:7 13479:3 13481:23 13483:16 13504:6	relationship 13408:5 13427:22
readily 13526:1, 22	recently 13416:22 13417:23	recreational 13420:5	regarded 13354:25 13355:2 13382:15	relative 13454:18 13458:22
reading 13435:4 13493:8	recipient 13484:8,11	red 13529:19 13530:22	Registrar 13342:16 13490:14,16 13493:2	Relativity 13433:6 13489:19
ready 13342:7 13500:20	recognize 13360:22	reestablished 13478:17	regulate 13355:1	relayed 13473:16
real 13369:3 13376:2, 13409:4 13443:10		reference 13349:14 13391:15 13410:10 13490:25 13499:2	regulated 13355:7,20	released 13345:23
realize 13502:5 13510:3		refer 13425:12 13430:11	regulation 13342:19 13355:3	relevance 13465:7,9
realized 13359:15		reference 13349:14 13391:15 13410:10 13490:25 13499:2	regulations 13342:21	relevant 13443:1,22
realm 13356:1			regulatory 13342:16 13355:21 13490:14,16	relied 13470:22 13486:7
reargue 13356:14				relocation 13407:6
reason 13353:18 13380:3 13479:16				rely 13504:9
				remain 13362:8
				remained 13423:9

remains 13530:18	13423:20 13476:13 13505:18,25 13506:4	13401:21 13402:2,4,6 13403:3 13405:16 13424:9 13429:10 13431:7 13437:6 13439:24,25 13440:4 13441:1, 13,15,20,23 13442:5 13445:21 13447:25 13448:3,9 13449:6, 13451:23 13452:21 13456:14,21 13458:3,6,13 13461:3 13462:12 13463:17 13464:2,9 13465:1 13470:23 13471:5 13474:10 13475:17,19 13480:4,5,7,8,13 13481:14,21 13482:16 13485:25 13486:1,4,9,16 13488:1 13505:5, 10,11,14,15 13506:8,11,22,23 13507:6,7,10,16, 18,22 13508:10, 14 13513:1,11,14 13520:1 13522:8 13530:7	represented 13479:18	13473:12 13480:19 13482:11 13483:4 13486:14 13502:22 13503:25 13504:3 13505:10,14 13507:20 13508:5,7 13509:6 13510:24,25 13511:17 13521:19 13522:5 13525:22 13528:5 13530:9,10
remarkable 13395:6	repaired 13371:17 13476:5,9 13507:22	repeats 13355:13 13370:6 13394:7 13402:9, 11 repeat 13352:19	request 13363:19 13364:1 13386:16 13391:1 13401:3 13442:5 13494:9 13495:17,23 13496:1 13498:15	respectful 13525:21,24
remediation 13464:20	repairing 13507:21	repetitive 13505:2	requesting 13424:4	respite 13537:14
Remedy 13422:16,24 13423:2,4 13466:2	repairs 13355:13 13370:6 13394:7 13402:9, 11	replace 13353:23 13391:15	requests 13362:20	respond 13399:19 13400:7,21 13489:9,13 13495:8
remember 13399:24 13402:21 13411:22 13456:10 13531:8 13532:2,8,9	repeat 13352:19	replaced 13354:6 13449:1, 19	required 13362:3,9 13409:18 13421:3 13426:6 13491:13 13492:20 13499:24 13536:14	responded 13490:16
remind 13456:15 13524:6	repetitive 13505:2	replacement 13353:10	requirement 13384:14 13435:24,25 13487:18	responding 13385:22
reminds 13501:12	replace 13353:23 13391:15	replied 13398:14,17 13404:22	requirements 13502:3,8	responds 13388:20 13389:5
remote 13412:5	replaced 13354:6 13449:1, 19	reply 13404:8	requires 13499:19	responses 13495:12 13498:3,9,11 13507:25 13523:14
remove 13353:5,22 13382:19,20 13384:13,18 13387:6 13388:7 13391:14 13393:3,7,15	replaced 13354:6 13449:1, 19	report 13343:18 13352:11 13359:22,23 13360:24 13363:18 13364:2,19,23 13365:2 13376:12,17 13377:11,17 13379:23,25 13386:12 13387:20 13388:18 13389:6,15,17 13390:8,25 13391:7 13392:14,15 13393:1,5,23 13395:6,24 13396:2,7,8 13397:22,23	Research 13407:2,7,19,22 13408:10 13415:25	responsibilities 13442:9
remind 13456:15 13524:6	replaced 13354:6 13449:1, 19	reported 13385:18	requires 13499:19	responsibility 13411:3 13415:8, 10 13442:11
reminds 13501:12	replaced 13354:6 13449:1, 19	reports 13351:17 13383:1 13385:19 13412:2 13429:5 13430:3 13465:8,9 13469:3 13478:11 13504:6 13505:7, 19 13508:6 13536:1	Research 13407:2,7,19,22 13408:10 13415:25	responsible 13407:24 13466:12,25
remote 13412:5	replaced 13354:6 13449:1, 19	represent 13439:10	reserved 13500:5,6	restore 13349:20
remove 13353:5,22 13382:19,20 13384:13,18 13387:6 13388:7 13391:14 13393:3,7,15	replaced 13354:6 13449:1, 19	representative 13437:9 13504:10	resident 13515:21	restrictive 13427:8
removed 13382:22 13387:14,17,20 13388:1,11,17 13389:16 13390:21,25 13391:21 13393:19,22 13440:2,6 13442:15,18,21 13486:11 13525:17	replaced 13354:6 13449:1, 19	representative 13437:9 13504:10	resigned 13477:6	result 13351:6 13358:3 13359:20 13361:25 13387:3
removing 13382:9,14 13387:1 13395:20	replaced 13354:6 13449:1, 19	representative 13437:9 13504:10	respect 13398:23 13399:2 13409:16 13428:2 13431:4,10,18,21 13432:3 13433:10 13439:15 13441:6,20 13449:4 13453:11 13459:5 13461:15 13462:19 13463:10 13464:16	
rendering 13358:7	replaced 13354:6 13449:1, 19	representative 13437:9 13504:10		
renovated 13408:10	replaced 13354:6 13449:1, 19	representative 13437:9 13504:10		
repair 13370:7 13379:6 13381:1	replaced 13354:6 13449:1, 19	representative 13437:9 13504:10		

13388:1 13398:2 13431:8 13479:1 13494:24 13500:6 13501:18,23 13515:24	13481:20 reviewing 13350:2 13416:6 13431:20 13432:7 13435:21 13479:25 13491:7 13511:10	rolled 13368:3 rolled-up 13368:3 Ron 13397:12 roof 13348:3 13365:15 13372:6,9 13380:24 13381:1 13395:22 13398:4,8,12,18 13401:9 13402:20 13403:2,15,17,21 13404:4,23 13446:13,25 13447:2,12 13464:6,7 13476:5 13505:18 13507:21 13512:6,8 13516:7 13527:21,23 13531:17	running 13344:18,19 13346:10,12 13356:10 runouts 13419:10 Russian 13492:1,5 rust 13371:21 13374:7,14 13375:6 13377:24 13385:20 13395:22 13396:3,4,7,9,14 13475:2,4,6,8,10 13513:3 13515:2, 14 13520:11,15 13521:1,2 rusted 13370:14,19,24 13388:8,16 13389:9 13393:6 13396:11,22 13519:23,24 13520:19 rusting 13377:19 13379:16 13380:18 13385:16 13390:22 13391:17,18 13459:23 13513:25 13514:11,20 13535:4	sag 13346:23,24 sagging 13514:23 salt 13398:6 13403:11 13512:2 13534:10 salted 13398:6 13403:9 13511:20 sand 13421:9 sat 13491:21 satisfaction 13457:23 satisfied 13434:15 13530:14 Sault 13407:7 13408:4 13411:1, 13412:16,21 13413:5,13,21,25 13415:23,24 13416:12,13,20 13417:10,15,20 13420:24 13421:8,15 13422:3,4 13431:14 13494:1
results 13357:1 13481:20 resuming 13406:1 13478:19 retain 13536:21 retained 13411:8 retainer 13364:5 retired 13358:24 13466:19 Retirement 13463:18,19,22 retiring 13501:25 retrofit 13432:23 13435:1 return 13362:20 13434:22 revealed 13377:16,18 review 13345:11 13353:17 13356:6 13359:25 13364:21 13406:23 13422:12 13424:1 13425:3,10 13429:18 13431:4,7,18 13432:2,24 13461:2 13464:22 13466:1 13469:16 13471:7 13500:8 13504:16 13505:14 13506:12,20 13511:9 reviewed 13344:25 13412:24 13425:18 13427:5 13430:25 13467:2,15 13469:5 13475:16	reviews 13469:23 revise 13388:18 revised 13389:6, 15 revocation 13496:6 13497:3 revoked 13362:14 13501:23,25 13502:2,7 Rhonda 13367:20 13386:17 13388:23 13389:5 13440:10 13472:14 13482:17 13483:21 ridge 13344:16 13347:12 rigging 13414:25 rights 13356:9, 13 riparian 13356:9,12 RIT 13409:5 RITS 13408:23 13409:2 river 13356:7 13444:2 road 13410:11, 18 13444:7,10 Robert 13363:6 robust 13351:9, 11 role 13416:6 13418:5	roofing 13401:25 13402:1,2,9,11 13505:10,15 rooftop 13348:6 room 13435:19 13436:4 13444:14,19 13472:24 13502:16 13532:10 rooms 13371:19 13435:23 13436:2 13473:5,6 13531:22 13532:20 13533:16 rose 13526:6 rot 13351:15 roughly 13344:18 13364:23 routine 13409:18 ruling 13525:22 run 13386:8 13511:15	S S's 13503:10 safely 13343:4 safety 13365:6 13425:8,19,23 13426:12 13428:7,18 13433:20 13434:10 13435:6,22 Saffarini 13525:15	Saunders 13342:15 13354:18 13357:5,23 13363:1 13376:17 13386:11 13387:25 13389:20 13391:4 13397:3 13444:22 13445:14 13466:12 13468:23 13470:16 13471:6,21 13472:3 13473:8, 18 13474:17 13475:7,22 13476:4,19 13477:6,19 13478:25 13479:7 13480:14,20,22 13481:25 13482:24 13483:12 13500:2

Saunders' 13470:3 13484:10	seeking 13497:8	severe 13385:9 13386:4,5	shows 13358:15 13387:9 13442:3 13448:5 13455:20 13519:2 13528:23	13536:17
scene 13345:5	selectively 13537:9	severely 13384:4 13410:19 13443:11	siamese 13434:1	similarly 13527:25
schedule 13457:7,13	send 13388:19 13469:3	share 13532:11	sic 13429:7	simple 13350:25
school 13411:11 13420:25	sending 13436:25	shared 13535:25	side 13347:13 13398:6 13403:9 13446:10 13451:2 13453:5 13511:20 13518:19 13524:22 13534:9	simply 13353:22 13382:16 13395:7 13400:17 13474:5,13 13479:5
scope 13349:10, 17,22 13350:2,6, 10 13417:18 13456:4,9,12 13457:17 13458:5,12,19 13470:23 13481:13	sends 13454:5	shares 13477:21,24	side-by-side 13492:9	sir 13406:12,16 13438:25 13439:9 13443:5 13445:6 13448:10 13450:16,18 13451:6,19,24 13453:13,17 13460:19 13468:22 13476:16 13478:2,23 13480:13 13484:17 13488:16 13520:21 13535:16
Scotiabank 13508:10 13510:16	seniors' 13411:11	she'd 13515:20	siding 13378:22 13520:23 13521:5,15 13532:9	sit 13373:18,25
Scotts 13416:14	sense 13356:16 13382:24	shipped 13413:10	sides 13452:2 13535:5	site 13366:7 13370:5 13371:25 13409:10 13428:11 13429:9,12,17 13430:7 13433:13,14 13434:1 13442:10 13445:4 13459:1 13462:15 13476:13 13504:18 13521:25
screen 13451:15 13452:20 13480:15 13520:21 13522:24	sentence 13390:6 13426:3 13437:4 13498:13	shop 13371:12 13537:5	sign 13359:23 13360:1,2 13376:18 13466:7,24 13469:3,16,19 13488:12	signature 13423:14 13425:4 13428:25 13432:20 13434:24 13484:10
seal 13362:20	separate 13388:3 13413:1, 20 13503:6	shopping 13411:10	signed 13386:11 13388:1 13389:20 13436:24 13444:11 13467:2 13480:13,20 13482:24 13486:13,15	site-specific 13418:10
sealed 13377:9 13467:3 13486:13,15	separated 13487:12	shored 13534:16	significant 13520:17	sites 13421:14
seat 13416:11	separation 13487:16	shoring 13418:3,7,8,11,14	signing 13482:12	situation 13469:14 13471:5 13504:24
second-to-last 13420:23	September 13422:9 13436:25 13490:1	short 13380:22 13389:4 13489:20	signs 13371:18 13379:19	situations 13394:13
secret 13413:8	sequence 13432:14	shortly 13388:21 13498:4	similar 13358:16 13495:15 13524:25	size 13351:13,18 13375:21 13407:3,23
secretary 13367:23,24 13387:19 13388:20	series 13463:5	show 13367:25 13368:14 13387:21 13394:9 13434:20 13447:12 13488:9 13512:23 13513:7 13515:1 13519:4 13522:17 13528:22		
section 13378:1 13380:9, 13385:12,14 13389:22 13390:14 13426:23 13427:8 13452:7 13475:10,13 13532:3	serve 13439:3	showed 13386:21 13396:7,8 13455:15 13487:7		
seed 13370:8	service 13360:11 13371:15 13412:20,21 13417:10,22 13463:25 13497:5,9	showing 13524:24		
seek 13483:15 13501:11	services 13365:8 13366:1 13412:13 13440:22	shown 13371:24 13375:19 13377:21,23 13438:5 13472:15,23 13474:9 13482:2 13526:5,9,11		

storage 13412:9 13416:21 13419:11 13532:10 13533:15	13380:1 13389:23 13390:15 13396:19 13397:24 13465:4 13510:3	13499:6,23 13522:3 13525:21,24	13400:16,17 13477:1 13504:9 13525:25	13377:24 13379:3 13390:22 13391:17,18 13396:3,7,8,13 13446:3 13475:2, 10 13513:3
store 13371:12, 13	structure 13345:22 13349:9 13350:1 13351:6, 20,23 13354:11 13355:14 13376:1 13379:7,18 13380:19 13382:24 13383:11,13,15 13394:25 13407:17 13410:18,20 13426:14,22 13434:7 13438:9, 10 13447:6 13468:12 13474:4 13477:16 13512:15 13514:22 13521:3 13534:12,18	submit 13355:15 13495:2,24 13501:10	suggestion 13354:8 13496:21	surprise 13504:20
stored 13476:12	structures 13394:8 13409:23 13410:11,15 13411:24 13412:3,23 13414:5 13415:1, 21 13419:15 13423:21 13459:18,22 13534:15 13535:20	submitted 13355:11,14 13486:10 13501:24	suggestions 13399:18	surprised 13426:4 13441:22
storey 13427:3,6	studding 13451:16,18	subsequent 13345:11	suitable 13460:7	survey 13386:8 13505:22 13507:15 13528:22 13529:16
story 13355:23	studying 13500:2	subsequently 13344:25 13358:12 13361:7 13387:16,18 13410:20	suitably 13379:7 13418:21 13424:9	suspect 13351:18 13486:13
strands 13345:19 13346:5	stuff 13478:12	substance 13393:4	summarize 13354:20 13493:24	suspend 13493:2
street 13534:9	subject 13355:2 13358:16 13480:24	substantial 13455:25	summary 13366:19 13379:25 13399:21	suspended 13362:6,19 13363:11 13466:4 13479:13 13499:20 13501:18
stresses 13438:12	subjected 13534:9	substituting 13491:11	summer 13431:15	switched 13370:22
stressing 13345:21	subject 13355:2 13358:16 13480:24	successfully 13491:14 13496:5	supervise 13467:19 13468:14	sworn 13343:9
stretching 13394:20	submission 13400:5 13456:16 13491:1,16 13498:22,25	succession 13526:5,13	supervised 13469:8 13470:10 13476:19	system 13372:19 13394:12 13396:21 13418:15 13435:16 13473:20 13502:21 13505:11,15 13509:16 13510:9
strongly 13433:12 13434:5	structurally 13352:4 13378:2	suction 13482:2	supervising 13467:20 13470:12	systems 13370:16 13391:20 13393:25 13394:13 13418:3,7,8,11 13435:6,19
structural 13346:2,3 13348:2,5 13349:13,21,22 13350:3,5 13358:10,11 13364:19 13369:14,21 13376:2,4 13377:5, 13379:19 13381:3,21 13383:16,20 13390:23 13407:5,13,25 13409:10 13412:16,24 13415:14,20 13416:6,18 13419:19 13422:18 13438:11,17 13440:23 13504:16 13506:7 13507:3 13510:2 13518:17 13521:13		Sudbury 13412:17,22 13413:14,23 13414:13 13416:2	supervision 13353:14 13468:2 13476:21	
		sudden 13526:5,10	supplier 13418:12	
		suffer 13481:7	support 13516:7 13517:8	
		sufficient 13436:3	supported 13534:18	
		sufficiently 13530:15	supporting 13514:5	
		suggest 13385:3 13440:15 13497:7 13511:18	supposed 13472:14	
		suggested 13385:5 13495:1 13498:21	surely 13394:3	
		suggesting 13385:2	surface 13344:20 13370:11,19,	

T	13529:1 13532:10	13464:13	13432:10	13483:18	
T-bar 13474:4	taps 13394:5 13474:8	13468:8,9	13435:20	13491:20,23	
T-grid 13371:4 13373:15,18,25	tarp 13387:23	13470:12	13443:1,22	13494:11	
T-hangars 13417:20	tarps 13386:22 13387:1,9 13393:6	13475:2,23	13471:24	13497:10,16	
T-square 13452:23,25	task 13481:4	13494:21	13473:21 13492:7	13499:17	
tab 13347:17 13352:8 13356:20,23,24 13360:3 13361:19 13362:24 13363:19 13366:8 13376:13,16 13387:5 13388:4 13389:11 13390:7,8 13422:7 13423:12 13424:22 13428:23 13430:16 13432:12,16 13434:18 13436:22 13445:19 13453:11,16 13454:3,7,10,15 13459:3 13462:5 13463:4 13480:15 13483:21 13513:9,12,15,16	team 13415:6,9	13514:15 13520:2 13524:8 13530:16 13533:5	threat 13426:16	13500:10,20,24 13501:12 13502:20 13503:10,22 13512:7 13515:9, 15 13517:4 13518:16 13520:3 13522:9,20,22 13523:19 13527:15	
table 13368:1	teamed 13415:23 13416:4	Terry 13368:8	threaten 13360:23	timeframe 13471:10 13515:13 13516:25 13524:8	
takes 13389:16 13492:10	technical 13362:3 13491:13 13492:20 13493:7,11 13494:4,22 13499:5	testified 13353:3 13463:18 13469:22 13471:6 13486:2 13510:15	thrown 13366:23	times 13365:12 13422:1 13443:6 13449:19	
taking 13400:10 13442:9 13485:24 13516:5	technicians 13470:11	testifying 13399:3	Thursday 13411:20	timing 13358:18	
talk 13347:15 13414:18 13496:9 13505:7	techs 13470:12	testimony 13382:12	tile 13370:20,25 13371:3,13 13373:22 13474:8	title 13493:11 13496:3	
talking 13350:16 13374:1 13385:13,14 13387:5 13402:22 13434:12 13435:17 13453:4 13468:12 13477:3 13520:22 13526:6	telephone 13386:17 13428:3,6	testing 13360:7 13382:15 13464:24 13465:18 13529:21	tiles 13369:6,8 13373:17,24 13374:2 13473:19	today 13422:7 13455:6 13460:5 13474:3,12 13479:6 13483:2 13509:11 13537:3	
	telling 13372:22 13403:23 13532:17 13534:23	tests 13358:19	time 13342:13 13347:3 13348:14 13354:3 13356:18 13360:19,25 13361:3 13362:11,15 13364:18 13365:13 13366:4,18,20,22 13367:15 13368:4,6,8,21 13373:12,13 13374:12 13376:10 13379:16 13385:18 13392:4 13397:22 13398:2 13399:18 13401:20 13409:6 13422:21 13424:1,18 13425:2,10,19,20 13426:12 13427:11 13430:9 13437:19 13438:16,20 13443:16,25 13447:11 13450:2 13456:15 13457:12 13458:11 13464:3 13466:6,11 13476:6 13477:16 13478:12	there'd 13409:18	told 13348:12,16, 20,21 13350:1 13352:15,22 13358:19 13360:22 13366:10 13384:17,19 13391:20,22 13393:8,18 13402:1 13403:16,18,20, 25 13405:11 13442:19,20 13451:24 13455:18 13456:8 13465:24 13467:1,11 13472:13 13473:18 13474:16 13476:4 13477:11,13 13511:18
	temporary 13379:5 13393:21 13394:1 13442:23 13473:22	text 13389:16,18 13393:2 13434:23	there'd 13409:18		
	ten 13398:16 13404:19	there'd 13409:18	Thessalon 13410:12		
	tenant 13487:15	things 13367:17, 19 13375:6,7,9 13397:8 13404:16 13532:22	thick 13351:19		
	tend 13534:10	thickness 13424:7	Thessalon 13410:12		
	tended 13343:18	thing 13367:17, 19 13375:6,7,9 13397:8 13404:16 13532:22	thick 13351:19		
	tender 13509:5	things 13368:4 13392:8,9 13394:16 13398:9 13465:15 13511:9 13516:2	thickness 13424:7		
	term 13407:11 13486:9 13497:1 13504:21	thinks 13348:11 13392:25 13400:23	things 13368:4 13392:8,9 13394:16 13398:9 13465:15 13511:9 13516:2		
	terminal 13414:12	thought 13375:12 13403:18 13404:14	thinks 13348:11 13392:25 13400:23		
	terms 13353:8 13354:9 13358:18 13365:20 13393:1 13395:14 13442:9		thought 13375:12 13403:18 13404:14		

tomorrow 13429:24	13423:22 13526:12	typo 13493:10 13494:12	13524:14 13525:22 13532:23	V
top 13370:11 13373:19 13389:3 13430:20 13453:2	troubling 13524:12	typographical 13491:10,20	understanding 13347:20 13353:2 13422:14,25 13423:8 13433:5 13441:19 13448:14 13473:15 13482:19 13483:25 13486:21 13495:11	V' 13491:11
topping 13345:9 13347:1 13455:17,22	Trow 13385:19 13505:21 13506:6 13530:7	U	understood 13354:22 13359:17 13392:15 13447:14 13498:17	V1 13358:12
Toronto 13359:15	true 13344:3 13348:4 13357:20 13440:23 13443:13 13444:9 13488:14	U.S. 13419:4	unhappy 13386:21	V2 13358:12
total 13499:11 13506:19 13531:17 13532:25	trumps 13465:2	Ukrainian 13492:2	unloaded 13414:16	vacation 13388:25
totally 13503:20	truss 13410:18 13412:23 13514:7	Ukranian 13492:5	unlock 13473:5	vague 13401:15
touch 13382:3 13462:14	trusses 13415:3	ultimately 13360:1,2 13363:13 13396:19 13440:6,20 13459:6 13475:17	unprofessional 13397:8	Valdor 13417:16,24
Tournament 13416:14	trust 13409:4 13424:5	umbrellas 13369:8 13395:21	unsuccessful 13394:23	valuable 13536:20
towers 13412:25	Tuesday 13537:9	unable 13466:7	update 13365:1 13429:23	values 13413:9
towns 13408:25	Tulloch 13356:6	uncomfortable 13469:17	updating 13365:21	Vaughan 13407:7 13418:10,11
Township 13410:25 13411:4,9,13	Tulloch's 13356:2	uncover 13381:16	upper 13369:2 13379:3 13513:21 13516:4 13531:13,14 13533:8 13534:19	vehicle 13416:21
townships 13410:16 13444:20	turn 13422:7 13423:1,11 13428:23 13486:12 13489:4 13490:12	underneath 13356:11 13366:2 13525:7	unsuccessful 13394:23	vehicles 13445:2
trade 13413:8	turned 13357:4 13358:12	underside 13371:8 13445:23 13457:1 13513:24 13514:12	unsuccessful 13397:8	vehicular 13378:22
trails 13420:14, 21	two-month 13358:6	understand 13347:24 13359:9 13364:25 13366:7 13376:17 13378:25 13387:17 13390:8 13400:20 13405:15,18, 13411:19 13422:20 13437:19 13459:16 13475:8 13477:5 13489:18 13495:9 13502:6 13509:20 13511:1,11 13523:13	unsuccessful 13397:8	vener 13418:24 13419:3,10,11,12
train 13414:19	type 13408:20 13438:1 13502:21	underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	verbal 13429:20
transcript 13511:10	typed 13491:23	underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	verbally 13504:5
transfers 13438:12	typewritten 13453:24	underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	Verification 13457:14
transpired 13480:19	typical 13481:17 13488:4 13513:23	underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	verified 13458:1
travelled 13408:23	typically 13421:1,17 13431:9	underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	version 13382:6 13484:2
trench 13418:3, 7,11,14	typist 13492:4	underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	versions 13513:21
tribunal 13490:15 13500:5	typists 13492:8	underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	view 13444:2 13461:17 13486:23 13523:15
trouble 13405:18		underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	viewed 13526:1
		underneath 13356:11 13366:2 13525:7	unsuccessful 13397:8	violation 13422:17 13439:22 13507:25 13508:1

Vipond 13434:6	waited 13525:12	wanted 13364:13,19,21, 25 13384:17,18 13387:19 13430:8 13471:17 13495:16 13496:23,25 13497:2,4 13513:7 13535:11	weekend 13537:15	13436:22 13437:16 13438:19 13455:15 13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
visible 13525:18 13526:21,22 13532:4 13533:20	waked 13533:11	walk 13528:10 13529:4 13531:18 13532:14,17 13533:6	weeks 13406:7	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
visibly 13532:6	walk-through 13376:1	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	weighs 13346:22	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
visit 13433:14	walk-about 13475:2	walking 13532:6,14 13533:20	weight 13455:23 13518:11 13525:23	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
visiting 13515:24	walkabout 13475:2	walkway 13513:11,20 13517:8 13518:9 13522:16 13525:3,8 13527:14,21,22, 24 13528:16 13529:22 13530:19 13531:6,9,13,14, 18,22 13532:21 13533:17 13534:5,18	west 13344:22	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
visits 13428:11	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	warning 13436:3	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
visual 13371:10, 23 13375:17 13376:1 13379:19 13381:18,22,25 13382:6,16,18 13383:20 13471:17 13472:10 13474:18 13475:12 13480:25 13481:4 13488:7 13514:23 13528:10	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkway 13513:11,20 13517:8 13518:9 13522:16 13525:3,8 13527:14,21,22, 24 13528:16 13529:22 13530:19 13531:6,9,13,14, 18,22 13532:21 13533:17 13534:5,18	warranted 13438:17	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
visually 13353:4 13354:13 13371:24 13375:18 13382:2,3 13383:21 13396:3	walking 13532:6,14 13533:20	walkway 13513:11,20 13517:8 13518:9 13522:16 13525:3,8 13527:14,21,22, 24 13528:16 13529:22 13530:19 13531:6,9,13,14, 18,22 13532:21 13533:17 13534:5,18	watch 13531:25	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
voicemail 13389:1	walkway 13513:11,20 13517:8 13518:9 13522:16 13525:3,8 13527:14,21,22, 24 13528:16 13529:22 13530:19 13531:6,9,13,14, 18,22 13532:21 13533:17 13534:5,18	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	water 13344:21 13345:3,7,10,13 13346:15,19 13347:5,11 13349:18,23 13351:22 13354:4 13355:17 13370:16 13372:19 13384:21 13394:9,10,11 13395:1 13417:9 13442:16 13443:12 13450:21 13455:3 13459:24 13461:12,22 13488:8 13516:1	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
Voisey 13414:12	walking 13532:6,14 13533:20	walkway 13513:11,20 13517:8 13518:9 13522:16 13525:3,8 13527:14,21,22, 24 13528:16 13529:22 13530:19 13531:6,9,13,14, 18,22 13532:21 13533:17 13534:5,18	watched 13385:6	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
Voisey's 13414:15	walkway 13513:11,20 13517:8 13518:9 13522:16 13525:3,8 13527:14,21,22, 24 13528:16 13529:22 13530:19 13531:6,9,13,14, 18,22 13532:21 13533:17 13534:5,18	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	waterproofing 13379:1,4 13386:24,25 13463:10	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
volume 13347:18 13356:21 13360:3 13363:18 13366:9 13376:13 13432:12,16	walkway 13513:11,20 13517:8 13518:9 13522:16 13525:3,8 13527:14,21,22, 24 13528:16 13529:22 13530:19 13531:6,9,13,14, 18,22 13532:21 13533:17 13534:5,18	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	waterway 13356:10	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
volumes 13536:9	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	Wawa 13411:14	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
VPN 13485:10	wall 13359:16 13378:19,22 13390:2	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	weakened 13351:5	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
<hr/> W <hr/>	walk 13528:10 13529:4 13531:18 13532:14,17 13533:6	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	weaker 13352:5	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
W24 13346:21	walk-through 13376:1	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	week 13439:2 13456:23 13537:13	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
Wait 13367:25	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	weekend 13537:15	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	weeks 13406:7	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	weighs 13346:22	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	weight 13455:23 13518:11 13525:23	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	western 13347:12	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2 13528:23 13529:21 13532:18	whichever 13421:4	13456:10,19 13457:16,20 13478:22 13485:19 13488:20 13492:17 13498:11 13502:20 13503:24 13512:13,23 13518:1,15 13519:9 13520:12 13522:1,5,10,15, 21 13523:19,24 13524:9 13525:25 13526:2 13527:4, 16 13528:2,6,12 13530:9 13531:5 13535:12 13536:20
	walked 13371:1, 13,15,18,20 13374:6 13375:3 13472:7 13474:17,19 13513:1 13522:15,19 13528:7,8 13530:24 13531:6,10,14 13532:16 13533:8,12	walkways 13371:20 13374:6,24 13375:2 13377:23 13513:2		

13454:25 13456:4,9,12 13457:17,25 13458:5,12,20 13459:7 13460:5, 13 13461:22 13463:7,15,18,21, 24 13464:4 13466:18,22,25 13467:15,19 13469:7,17,23 13470:10,13,17, 19,23 13471:2,13 13476:15 13481:13 13506:10 13510:2 worked 13409:5 13411:12 13419:3,24 13463:19 13468:14 worker 13418:18,20 workers 13535:22 working 13349:17 13365:25 13394:22 13415:6 13477:20 13509:19 workplace 13355:22 World 13415:15, 20 worldwide 13419:4 worried 13468:16 worry 13395:7,9 worse 13373:11 worst 13352:23 13392:8,9 13396:15,16 worth 13478:9 wrapping 13468:1 Wright 13348:1 13363:4,7	13408:13 13432:21 13436:24 13455:14 13456:4,20 13457:15 13463:16 13464:15 13466:13 13469:12 13502:22 13509:14 write 13361:12 13430:2 13493:17 13494:2,10 13496:2,17 13497:6,10,16 13499:12,24 13500:25 13501:3,22 writes 13348:1 writing 13363:2 13423:15 13430:21 13431:18 13464:8 13493:13 13498:15 13501:8 written 13362:2, 9,13 13412:2 13430:23 13431:1 13453:18 13491:23 13492:22 13493:12 13499:7,21 13504:4 wrong 13366:11 13444:22,23 13479:20 13513:15 wrote 13405:16 13489:5 <hr/> Y <hr/> Yakimov 13347:17 13348:7,15,23 13350:16 13427:2 13454:18 13456:7 13458:20	Yakimov's 13350:9 Yellowega 13415:15,22 13416:1 13506:17 year 13416:25 13496:23 13501:21 years 13360:10, 11 13364:23 13376:7 13377:2 13394:23,24,25 13398:5,16 13403:8 13404:19 13408:9 13416:15 13443:6 13473:14 13497:1,2,5,8 13511:19 yellow 13386:21 yesterday 13343:12,15 13352:10,23 13367:16 13377:11 13478:24 13482:6 <hr/> Z <hr/> Zellers 13369:1, 9 13370:13,14 13378:18 13386:22 13387:10 13390:1 13446:17,21,23 zones 13529:21
---	--	---