

VILLAGE OF RIDGEWOOD
 ZONING BOARD OF ADJUSTMENT
 TUESDAY, JUNE 28, 2022
 COMMENCING AT 7:46 P.M.

IN THE MATTER OF: :
 APPLICATION: : TRANSCRIPT OF
 : PROCEEDING
 OUTFRONT MEDIA, LLC :
 500 Route 17 South :
 Block 4703, Lot 10 :
 in the OB-2 Zone. :

B E F O R E :
 THE VILLAGE OF RIDGEWOOD ZONING BOARD OF ADJUSTMENT

THERE BEING PRESENT:

GREGORY BROWN, CHAIRMAN
 MATTHEW BANDELT, VICE CHAIRMAN
 GARY NEGRYCZ, CHAIRMAN PRO TEM (ABSENT)
 DIANA RUHL, MEMBER
 JONATHAN PAPIETRO, MEMBER
 ISAAC LEBOW, MEMBER (ABSENT)
 MICHAEL PICKHOLTZ, MEMBER (RECUSED)
 JASON CURRERI, ALTERNATE #1 MEMBER
 HAROLD MAXWELL, ALTERNATE #2 MEMBER

QUICK COURT REPORTING, LLC
 47 Brian Road
 West Caldwell, New Jersey 07006
 973-618-0872
 Office@quickreporters.com

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

W I T N E S S	SWORN PAGE
TIAGO DUARTE, PE	6
Voir Dire Examination by Mr. D'Arminio	7
Direct Examination by Mr. D'Arminio	8
Cross Examination by Mr. Standriff	82, 97
Redirect Examination by Mr. D'Arminio	113
Board/Professional Questions	
Mr. Papietro	40, 62
Ms. Ruhl	44, 55,
	109
Vice Chairman Bandelt	54, 80
Chairman Brown	54, 94
Mr. Whitaker	66
Mr. Curreri	73
Mr. Reinertsen	77, 106
Public Questions	
Rohan DeSilva	99
521 West Saddle River Road	
Diane Haderthauer	103
470 Albin Court, Ridgewood	
Frettra DeSilva	106
521 West Saddle River Road	
Dave Ward	107
552 Route 17 North, Ridgewood	

E X H I B I T S

<u>NO.</u>	<u>DESCRIPTION</u>	<u>ID</u>	<u>EVID</u>
A-13	Cross Section Exhibit, dated June 28, 2022	18	
A-14	Lighting exhibit, last revised February 1, 2022	30	

A L S O P R E S E N T :

JANE WONDERGEM, BOARD SECRETARY
 RONALD REINERTSEN, VILLAGE PLANNER
 CHRIS PIERSA, PE, VILLAGE ENGINEER

A P P E A R A N C E S :

BRUCE E. WHITAKER, ESQUIRE
 MCDONNELL & WHITAKER
 245 E. Main Street
 Ramsey, New Jersey 07446
 Counsel for the Zoning Board

LOUIS D'ARMINIO, ESQUIRE
 PRICE, MEESE, SHULMAN & D'ARMINIO, P.C.
 Mack-Cali Corporate Center
 50 Tice Boulevard, Suite 380
 Woodcliff Lake, New Jersey 07677
 Counsel for the Applicant

DOUGLAS M. STANDRIFF, ESQUIRE
 LAW OFFICES OF DOUGLAS M. STANDRIFF
 25 East Spring Valley Avenue
 Suite 330
 Maywood, New Jersey 07607
 Counsel for the Objector, AK Realty, LLC

ROBERT J. INGLIMA, JR., ESQUIRE
 THE LAW OFFICES OF ROBERT J. INGLIMA, JR.
 1 Deerhill Drive
 Ho-Ho-Kus, New Jersey 07423
 Counsel for the Objectors, Bergen Convenience Flagship, Inc.

CHAIRMAN BROWN: Moving onto our next agenda item. We have Outfront Media, LLC. It's an application for preliminary and final major site plan approval for the construction and operation of a single pole, double faced, digital multi-message advertising sign, which is a prohibited use and will result in a second principal use; expansion of an existing nonconforming use and bulk variance relief at 500 Route 17, Block 4703, Lot 10, in the OB-2 Zone. Continued from May 10, 2022.

MR. PICKHOLTZ: Mr. Chairman?

CHAIRMAN BROWN: Yes.

MR. PICKHOLTZ: I'm recused from this, so I'm going to remove myself and leave the meeting.

THE COURT REPORTER: I'm sorry, I can't hear you.

CHAIRMAN BROWN: Just talk a little louder, Michael.

MR. PICKHOLTZ: I said, I'm recused from this application, so I will be stepping away and leaving for the rest of the meeting.

(Whereupon, Mr. Pickholtz recuses himself and steps off the dais.)

CHAIRMAN BROWN: All right. Thank you.

Let the record reflect that Michael Pickholtz is

1 recused from the application.

2 Thank you.

3 MR. D'ARMINIO: Just give me a second
4 to set up.

5 CHAIRMAN BROWN: Sure, absolutely.
6 Take your time.

7 And I'm sorry I didn't state this at
8 the beginning, because I haven't done it well, would
9 you just remember to speak directly into the
10 microphone so that everyone can hear well just with
11 the acoustics in here.

12 Thank you.

13 MR. D'ARMINIO: Good evening.

14 CHAIRMAN BROWN: Good evening.

15 MR. D'ARMINIO: Lou D'Arminio for the
16 applicant Outfront. Thank you for your patience.

17 As was indicated, this is Outfront's
18 application for an outdoor advertising sign on
19 Route 17 south at the Tire Wheel Performance Center
20 next to the Exxon station that has LED for
21 multi-message technology. We've had two hearings;
22 3/22 was the first one, and as was noted by the
23 Chairman, our last one was 5/10. We've had one
24 witness so far, Mr. Antal, who's the general manager
25 for Outfront. He's already testified as to the

1 company, the location, the proposed sign, the LED
2 technology, how the sign operates and the benefits to
3 the same to the general public advertises and the
4 applicant.

5 I would anticipate today that we will
6 have -- we have two engineering witnesses today.
7 Hopefully we will get through them. One is Tiago
8 Duarte, professional engineer with regard to the
9 civil engineering and site plan aspects and then
10 Justin Taylor, professional engineer for traffic
11 testimony. Both of them are from Dynamic
12 Engineering.

13 Unless we have -- you have any
14 questions of me, we can -- we can start the
15 application.

16 CHAIRMAN BROWN: We can go ahead and
17 start.

18 Thank you.

19 MR. D'ARMINIO: I'd like to call
20 Mr. Duarte. Swear in the witness.

21 MR. WHITAKER: Raise your right hand,
22 please.

23 Do you swear or affirm that the
24 testimony you're about to give will be the truth and
25 nothing but the truth?

1 MR. DUARTE: I do.

2 T I A G O D U A R T E, PE

3 50 Park Place, Newark, New Jersey, having been
4 duly sworn, testifies as follows:

5 MR. WHITAKER: Please proceed by giving
6 your full name and your business address.

7 MR. DUARTE: Tiago Duarte, T-I-A-G-O,
8 D-U-A-R-T-E. Principal at Dynamic Engineering.

9 Business address, 50 Park Place, Newark, New Jersey.

10 MR. WHITAKER: Voir Dire.

11 MR. D'ARMINIO: Yes.

12 VOIR DIRE EXAMINATION

13 BY MR. D'ARMINIO:

14 **Q.** Mr. Duarte, would you please give the
15 board the benefit of your personal background and
16 experience, your education and your associations with
17 Dynamic.

18 **A. Yes.**

19 **So I graduated Rutgers University with**
20 **a bachelor's of science in civil engineering in 2011**
21 **and I've been practicing in the field of land**
22 **development, civil engineering since then, so over 10**
23 **years of experience in mixed use, residential,**
24 **commercial applications, as well as dozens and dozens**
25 **of billboard applications similar to what's before**

1 **the board tonight.**

2 **I am a licensed professional in the**
3 **State of New Jersey and other states and my license**
4 **is current as of this evening.**

5 **Q.** And you've accepted as an expert
6 engineer in your field by various boards, correct?

7 **A. Yes, correct.**

8 **Q.** Throughout the State of New Jersey,
9 correct?

10 **A. Yes.**

11 MR. D'ARMINIO: Any questions --

12 MR. WHITAKER: Any questions by board
13 members or members of the public in connection with
14 his credentials in the field of civil engineering?
15 Board members? Mr. Standriff?

16 MR. STANDRIFF: No objection.

17 MR. WHITAKER: Any members of the
18 public?

19 (No response.)

20 MR. WHITAKER: Please proceed.

21 He'll be so qualified in that field.

22 Let the record reflect he'll be able to render an
23 opinion in that field.

24 DIRECT EXAMINATION

25 BY MR. D'ARMINIO:

1 Q. Mr. Duarte, what are your duties and
2 responsibilities in general with regard to this
3 application?

4 A. So with regard to this application, I
5 oversaw the preparation of the site survey. I
6 visited the site on several occasions, prepared the
7 site plans that were submitted with the application,
8 as well as a number of exhibits that have been
9 provided to the board.

10 Q. I'd like you to ID the location.
11 MR. D'ARMINIO: Can we have A-1,
12 please?

13 BY MR. D'ARMINIO:

14 Q. That's the aerial?

15 A. Yes, correct.
16 So just to quickly refresh, the site is
17 located at 500 New Jersey State Highway Route 17.

18 On the exhibit that's on the screen,
19 the site is the triangular parcel outlined in white.
20 There's a 200-foot ring around the site and the site
21 is located at the center of the page.

22 The site's identified as Block 4703,
23 Lot 2 and is located in the OB-2 zone where the
24 proposed use is not permitted.

25 Similarly, the site borders the same

1 zone to the north and south along Route 17 and --

2 Q. Okay. You prepared the site plan. I
3 believe that also has been previously marked?

4 A. Yes, that is A-2.

5 Q. That set is A-2.
6 Would you please identify A-2, what is
7 on the screen right now. I guess it's the sheet
8 number and the date.

9 A. Yes, A-2 is identified as the site plan
10 prepared by my office.

11 It is dated February 20, 2020 with a
12 revision date of February 1st, 2022.

13 So what's depicted on this is the
14 existing site improvements which is the site's
15 developed as an auto service station.

16 So there's one building in the center
17 of the site. The building consists of three bays for
18 auto service purposes. The site's access from New
19 Jersey State Highway Route 17 via a separate
20 ingress/egress drive. So you pull into the site on
21 the north and you exit the site on the south
22 driveway.

23 Under proposed conditions, we are
24 proposing to construct a billboard structure on the
25 south side of the existing building, so just south of

1 the southeast corner. That's the one closest to
2 Route 17.

3 The billboard structure consists of two
4 LED-sign faces.

5 Each LED-sign face is 10 feet 6 inches
6 by 35 feet, 8-and-one-quarter inch or 35.68 feet.

7 So there's two of those, one on the
8 north side and one on the south side. Those are
9 raised above grade on a steel column and steel
10 support structure.

11 The total sign area for each of those
12 faces is 340 -- 374.7 square feet. So two sign faces
13 is 749.4 square feet.

14 The structure does have a spread, we
15 call it a V-spread where basically the front of the
16 sign, so the eastern most extent of the sign closest
17 to the roadway is narrower than the opening in the
18 rear and the rear is about, it's a 30-foot spread and
19 the purpose of that really is to directionalize the
20 sign faces so that they're oriented to the intended
21 audience, which is the motoring public on Route 17,
22 whoever is going northbound or southbound.

23 Q. Can you describe the height of the
24 sign?

25 I think there's an exhibit, an

1 elevation on the plan, but also its relation to the
2 grade of Route 17?

3 A. Yes.

4 Actually, just quickly before we get to
5 that, the setbacks of the sign, it's 30 feet from the
6 front lot line, which is the right-of-way line of
7 Route 17.

8 So 30 foot back from the road, 10 feet
9 setback from the south property line, which is the
10 side nearest to the adjoining Exxon station and we
11 are 34 feet to the rear of the property from the rear
12 most part of the sign to the rear lot line.

13 Q. The rear of the sign to the rear --

14 A. To the west lot line, 94.7 feet.

15 Q. Great. Okay.

16 And you mentioned that it's a V-shape
17 and the opening is, what, about 30 feet or so?

18 A. Thirty feet at the rear.

19 CHAIRMAN BROWN: Mr. D'Arminio.

20 MR. D'ARMINIO: Yes.

21 CHAIRMAN BROWN: Can we go -- sorry to
22 interrupt, I apologize. Can we go back to the first
23 exhibit A-1 for just a quick second?

24 MR. D'ARMINIO: Sure.

25 CHAIRMAN BROWN: Thank you.

1 Can you let me know when this aerial,
2 what time it depicts?
3 MR. D'ARMINIO: I'm sorry, what time?
4 CHAIRMAN BROWN: What time, like do we
5 know is this a recent aerial photo?
6 MR. D'ARMINIO: I would ask --
7 THE WITNESS: So the aerial is dated
8 May 23, 2018.
9 CHAIRMAN BROWN: So do you know if
10 there's any changes depicted in this aerial from May
11 2018 as to today?
12 THE WITNESS: It's very similar to
13 today.
14 The only difference would be there has
15 been clearing across the street, so across Route 17
16 within the park area, which is to the southeast of
17 the site.
18 VICE CHAIRMAN BANDELT: Can you just
19 repeat that phrase, there's been what?
20 THE WITNESS: Clearing, removal of
21 trees, existing trees which are shown on the aerial
22 that are no longer there.
23 CHAIRMAN BROWN: And that's depicting
24 specifically inside your 200-foot circle?
25 THE WITNESS: The 200-foot circle clips

1 the area in question, but the bulk of the park is
2 outside of that 200-foot ring.
3 MR. D'ARMINIO: We have some additional
4 pictures of that, Mr. Chairman.
5 CHAIRMAN BROWN: Yeah, I guess my
6 question sort of, you know, goes if we head, I guess,
7 south, we see the gas station that no longer exists,
8 there's a Dunkin' Donuts there and a gas station.
9 MR. D'ARMINIO: There's an addition of
10 a Dunkin' Donuts with the gas station still there.
11 CHAIRMAN BROWN: Well, the gas station
12 is still there, yes, but there's additional buildings
13 on that section of the property.
14 MR. D'ARMINIO: Mr. Chairman, would you
15 like us for the record to just update the photo?
16 We can do that.
17 BY MR. D'ARMINIO:
18 **Q.** Can you do that?
19 **A.** **We can do that, yes.**
20 MR. D'ARMINIO: I mean, we would be
21 happy to do that.
22 CHAIRMAN BROWN: Yeah, I think if we
23 can pull a more recent photo so we just make sure
24 that there's nothing additional that's there, that
25 would be wonderful.

1 Thank you.
2 MR. D'ARMINIO: We do have recent
3 photos of the surrounding area and the like. If that
4 would be helpful, we'll do that.
5 CHAIRMAN BROWN: Great.
6 Thank you.
7 BY MR. D'ARMINIO:
8 **Q.** Let's see, we had prepared some -- we
9 had some simulations prepared and there was some
10 testimony with regard to it. We talked a little bit
11 about the bucket test. Could you then just refresh
12 the board's recollection and go through your
13 participation with regard to that and verification of
14 the same?
15 **A.** **Yes.**
16 **So we visited the site on a number of**
17 **occasions where we performed, what's called, a bucket**
18 **test.**
19 **Basically Outfront brings a crane or**
20 **rather a bucket truck to the site, a panel is raised**
21 **to symbolize where the billboard will be constructed**
22 **and that gives us the ability to identify what the**
23 **sign will look like and develop some simulations.**
24 **I was on-site verifying that the**
25 **truck's located in the correct location, which is to**

1 **the rear of the building, correct setback from the**
2 **right-of-way, verified those dimensions, as well as**
3 **the panel which was raised which was a**
4 **10-and-a-half-foot tall panel to simulate the**
5 **10-and-a-half-foot height of the sign and also verify**
6 **the overall height that was raised to, which was**
7 **40 feet above grade.**
8 **Q.** And your office was tasked when the
9 sign was moved further to, I guess, it was the west
10 to verify those distances as well for the proper
11 location, correct?
12 **A.** **Yes, correct.**
13 **Q.** And then you also verified the
14 simulations themselves that they were representative
15 of the actual dissipated conditions, correct?
16 **A.** **Yes, correct.**
17 **Q.** And how did you do that?
18 **A.** **So our office did not prepare those**
19 **simulations, a photo render did. We worked and**
20 **collaborated with them to make sure all the**
21 **dimensions were accurate, that the simulated**
22 **structure was to scale and what is being proposed.**
23 **Q.** All right.
24 And they show the contour -- they show
25 what was in those simulations, that you've gone

1 through each of them, correct? Did you say yes?

2 **A. Yes, yes, I did.**

3 **Q.** All right. And the -- is there any
4 other feature of the location, it's pretty much flat,
5 contours, anything different with regard that needs
6 to be discussed?

7 **A. No.**

8 **The proposal really leaves a lot of the**
9 **existing site intact. The only changes is the**
10 **structure that will be erected behind the building**
11 **that exists today.**

12 **Q.** Okay.

13 Now, there was some discussion with
14 regard to the sign and it's relationship to the
15 adjacent property. Did you prepare an exhibit with
16 regard to the same?

17 **A. We did, yes.**

18 **Q.** Can you describe the exhibit and then
19 we'll mark it?

20 **A. Yes. So this exhibit is entitled**
21 **"Cross Section Exhibit."**

22 **It is dated June 28, 2022 with today's**
23 **date.**

24 **What this exhibit shows, and we'll hand**
25 **it out in a second, is basically where the site plan**

1 **shows everything in plan view.**

2 **We're providing a profile, basically**
3 **cutting a line through the site to give reference of**
4 **the height of the structure of the building and some**
5 **of the adjacent improvements as well.**

6 MR. D'ARMINIO: Just looking for the
7 exhibit markings. I know I have them here. We could
8 use those. I'd rather use mine.

9 We'll mark this as, I think it's A-13.

10 MR. WHITAKER: You're up to A-13, yes.

11 MR. D'ARMINIO: And if we can have --
12 if you would put that as the cross section exhibit we
13 gave today, if you can put that on and do we have --
14 do you have copies of those?

15 THE WITNESS: I do.

16 MR. D'ARMINIO: I'm going to mark it,
17 give me one of the copies. I'll mark it A-13.

18 (Whereupon, Cross Section Exhibit,
19 dated June 28, 2022 is received and marked as
20 Exhibit A-13 for identification.)

21 MR. D'ARMINIO: A-13, Ridgewood ZBA.

22 BY MR. D'ARMINIO:

23 **Q.** Okay. Why don't you describe this
24 exhibit first, what is it?

25 MR. WHITAKER: Just place on the

1 record, in view of the fact that this is an exhibit
2 you're entering tonight, you're having testimony too,
3 members of the public haven't had an opportunity to
4 see it until just now.

5 So it's recognized that they would have
6 the right to ask questions about it after they've had
7 the opportunity to review it at a later date.

8 So you will have your witness present
9 in case those questions come up, correct.

10 MR. D'ARMINIO: Yes. If there's any
11 questions, we will have him at the next meeting to
12 answer any questions.

13 MR. WHITAKER: Thank you.

14 Please proceed.

15 THE WITNESS: So the exhibit that was
16 just circulated, what it shows is, again, an aerial
17 to the bottom half of the page, locates the proposed
18 billboard over an aerial image of the site. You can
19 also see the adjacent gas station and the commercial
20 building to the north.

21 We then strike a line through the
22 structure, because we want to give reference to the
23 grade conditions, as well as the proposed structure.
24 So what you see basically bisecting the site is a
25 line that goes from 000 to 350 and then that's where

1 we're cutting our section.

2 So it's like we're looking at the site
3 from Route 17 facing west. So looking from the
4 roadway onto the property.

5 Now, going from left to right or south
6 to north, we had the Exxon sign, so we get the side
7 profile of that at the very south end.

8 We then have the proposed billboard,
9 the existing commercial building on-site and to the
10 north extreme of the exhibit there is the adjacent
11 commercial building.

12 So the proposed structure, again, it's
13 40-feet high.

14 BY MR. D'ARMINIO:

15 **Q.** Just before we do that, just further
16 describe the exhibit. You've got grid marks and
17 lines and checks.

18 Can you just indicate how they relate
19 to the photo below? There's a photo below, correct?

20 **A. There is, yes.**

21 **Q.** And you have the line and then up above
22 there's grid marks, which have markings below and on
23 the site. So what do they depict?

24 **A. Yes.**

25 **So the markings below relate to the**

1 **section number and the section number relates to the**
2 **area below it.**

3 **So if you look, for example, at zero**
4 **plus 50, that's just about the center of the**
5 **billboard going up to the profile at zero plus 50,**
6 **that's where the billboard structure is and then on**
7 **the left access, we have the grade elevations from**
8 **100 up to 155.**

9 **Q.** And the horizontal has been marked
10 basically every 50 points?

11 **A. Yes, correct.**

12 **And then we have a dashed line that**
13 **goes along the entire length south to north and**
14 **that's reflected, that's depict in the grade**
15 **elevation.**

16 **Q.** Okay.

17 And that grade elevation is based on
18 what? It's above sea level or what's the --

19 **A. On datum.**

20 **Q.** On datum, okay.

21 So why don't you go ahead and describe
22 the exhibit and what it depicts.

23 **A. So the overall sign height is 40 feet.**
24 **The bottom of the sign, which is 10-and-a-half feet**
25 **is 141.25, that's the bottom of the sign elevation.**

1 **Adjacent, north of the billboard, we**
2 **have the existing auto service station that's got a**
3 **finished floor elevation of 112 and it's**
4 **approximately 15.2-feet high.**

5 **So the top of the roof of that building**
6 **is 127.5. So you see the separation and clearance**
7 **between the two.**

8 **And then just moving further to the**
9 **north, just to relate the sign to the adjacent**
10 **building, again, the bottom of the sign elevation is**
11 **141.25 and the top of that building give or take is**
12 **about 141.**

13 **Q.** Just before we go on, I used the term
14 HAGL, height above ground level, several times, I
15 realized, in the transcript.

16 So the height above ground level is to,
17 what, the bottom of the sign; is that what was meant?

18 **A. Yes, yes.**

19 **Q.** I just wanted to define that for the
20 record and that's -- it's in the record, it's
21 H-A-G-G-L-E, I guess it was phonetically, but it's
22 actually an acronym for height above ground level,
23 HAGL, correct?

24 **A. Correct.**

25 **Q.** All right. So what -- there also is a

1 notation with regard to the windows.

2 Can you describe those as well?

3 **A. Yes.**

4 **So the windows of that building, again,**
5 **we scaled it off of mapping and imagery that we**
6 **obtained of that building.**

7 **So the windows of that building, so**
8 **just actually taking a step back, it's a two-story**
9 **building. There's ground parking on the ground floor**
10 **level and there's offices or commercial space above**
11 **and only the commercial space above has a band of**
12 **windows around the building specifically on the east**
13 **side, which faces the auto service station and the**
14 **subject site that we're discussing today.**

15 **The windows, their elevation is**
16 **approximately 127 to 131.5, so the windows are**
17 **4-and-a-half-feet high based on the calculations that**
18 **we completed.**

19 **So at that elevation, this is basically**
20 **demonstrating that the bottom of the sign is still**
21 **9 feet 9 inches above the bottom.**

22 **The bottom of the sign is 9 feet 9**
23 **inches above the windows.**

24 **Q.** The top of the --

25 **A. So the clearance from the top of the**

1 **windows, yes.**

2 **Q.** And to put this exhibit together, you
3 went back to the site, you did additional
4 measurements.

5 Describe what you did?

6 **A. Correct, so we had the survey data that**
7 **we used to compile the model, but we did go back out**
8 **to the site to just verify dimensions, double check**
9 **everything was accurate, including the heights of the**
10 **buildings and the Exxon sign.**

11 **Q.** And you also established the ground
12 level using various data, correct?

13 **A. Yes, correct.**

14 **Q.** And that's the dotted line?

15 **A. The dashed line across the bottom,**
16 **correct.**

17 **Q.** Okay.

18 I think there was a question with
19 regard to the closest point of the building to the
20 billboard. I think you measured that out as well.
21 How did you do that and what was the result?

22 **A. Yeah.**

23 **So that question came up at the last**
24 **meeting about the distance between the building and**
25 **the proposed structure.**

1 **So using the survey data, that**
 2 **measurement is 100.9 feet between the westerly corner**
 3 **of the sign and the corner of the building and that's**
 4 **based on the survey, not an aerial.**

5 **So it is more accurate.**

6 **Q.** Any other comments with regard to this
 7 exhibit A-13?

8 MS. RUHL: Excuse me, what was that
 9 distance again?

10 THE WITNESS: 100.9.

11 MS. RUHL: 100.9?

12 THE WITNESS: Uh-huh.

13 MS. RUHL: Okay.

14 BY MR. D'ARMINIO:

15 **Q.** And that's indicated in yellow?

16 **A. It's the yellow --**

17 MS. RUHL: Yeah, it's just hard to see,
 18 it's so tiny.

19 What's the distance from the middle of
 20 the sign to the middle of the building where the
 21 black line is?

22 THE WITNESS: The middle of the sign to
 23 the middle of the building?

24 MS. RUHL: You see that black dotted
 25 line across the --

1 THE WITNESS: Yes.

2 It's about 200 feet if you're going
 3 from center of the structure to the center of the
 4 building, give or take.

5 BY MR. D'ARMINIO:

6 **Q.** Okay. I would like you to go into the
 7 lighting. We had Mr. Antal discuss that, but from
 8 your perspective, you are aware of the lighting and
 9 you've reviewed the lighting, correct?

10 **A. Yes.**

11 **Q.** Can you describe the same?

12 **A. Yeah.**

13 **So as you heard in the last testimony**
 14 **and you saw an actual panel, that is what makes up**
 15 **the sign face.**

16 **Q.** That, for the record, was A-6?

17 **A. So the panels consists of LED, light**
 18 **emitting diodes, red, blue, green and then any**
 19 **combination of lighting those individual diodes, the**
 20 **image that's displayed is created.**

21 **The panel that you saw, those get**
 22 **affixed to the structure and they're all wired**
 23 **together, so they act as one, so it's one continuous**
 24 **image.**

25 **The panel contains louvers and what**

1 **that does in addition to the angled sign face is**
 2 **directionalizes the light so that what's being**
 3 **emitted from the sign face is being directed only**
 4 **towards the intended audience, again, the traffic on**
 5 **Route 17 and that's one of the benefits of the LED**
 6 **versus a static billboard, which you can view from**
 7 **any angle.**

8 **Q.** There was some discussion of some
 9 operational controls on the lighting.

10 Can you describe where is that located
 11 and how does that operate?

12 **A. Yes.**

13 **So each of the LED billboards that get**
 14 **constructed, they employ a light meter.**

15 **So it's a meter that's continuously**
 16 **measuring the ambient light levels so that the**
 17 **intensity of the -- the sign face can be adjusted**
 18 **accordingly.**

19 **And the intent of that is to -- to not**
 20 **have a daylight power setting for -- for nighttime.**

21 **So it does throttle down the power at**
 22 **night to keep the light levels to -- to the industry**
 23 **standard.**

24 **Q.** And that operates as long as the
 25 billboard operates and is connected to the power --

1 **A. Yes.**

2 **Q.** -- of the billboard so it can --

3 **A. Yes, it's -- it's continuously**
 4 **monitoring.**

5 **Q.** -- continuously monitor?

6 **A. Yep.**

7 **Q.** Okay.

8 Let me see, we have -- you also
 9 prepared another exhibit, a lighting parabola?

10 **A. Yes.**

11 **Q.** We have too?

12 **A. Yes.**

13 MR. D'ARMINIO: It hasn't been marked
 14 yet. It's a parabola.

15 It would be one of the exhibits. It
 16 hasn't been marked yes, but it was one of the two --
 17 I think there's only two or three exhibits remaining.

18 MR. WHITAKER: Mr. D'Arminio, you need
 19 to speak into the microphone, the public can't hear
 20 you.

21 MR. D'ARMINIO: Okay. I'll sit closer.
 22 Maybe we can show you the exhibit.

23 BY MR. D'ARMINIO:

24 **Q.** Do you have a copy?

25 **A. I do.**

1 **It's entitled "Lighting Exhibit." The**
2 **date on that is February 11, 2020 with a revision**
3 **date of February 1st, 2022.**

4 MS. WONDERGEM: Let me see it.
5 THE WITNESS: Sure.
6 MS. WONDERGEM: I don't think we have
7 this one.

8 MR. D'ARMINIO: Well, we can hand them
9 out and we have some extra for the public.

10 We have extra copies of that we can
11 hand out.

12 That would be A-14. It says, "Lighting
13 Exhibit No. 1," and I believe it's dated 2/11/22.

14 THE WITNESS: 2/1/22.

15 BY MR. D'ARMINIO:

16 **Q.** I'm sorry, I can't see myself.
17 Are you sure?

18 **A. No, sorry about that. It's 2/1/22**
19 **there's a typo at the bottom, at the bottom, it's**
20 **dated 2/11/20.**

21 **Q.** So it's 2 --

22 **A. Last revised February 1, 2022.**

23 **Q.** That's good. So it's last revised
24 February 1st, '22 and the original date would be, the
25 correct original date would be, what?

1 **A. 2/11/20.**

2 **Q.** 20, okay.
3 Correction, this is A-14?

4 **A. A-14.**
5 (Whereupon, Lighting Exhibit, Last
6 Revised February 1, 2022 is received and
7 marked as Exhibit A-14 for identification.)

8 BY MR. D'ARMINIO:

9 **Q.** Why don't you describe A-14 and what --
10 how was it made and what it depicts and your
11 conclusions with regard to the same.

12 **A. Sure.**
13 **So, again, we're superimposing the**
14 **proposed structure over an aerial map, same aerial**
15 **map that was marked A-1.**
16 **. The billboard structure is shown in**
17 **the center of the page and we have outlined two, we**
18 **call them parabolas in yellow, one for each sign face**
19 **and the parabolas, what that's showing is the maximum**
20 **outline of the area that would be impacted by the**
21 **sign face lighting, so the limit of that line.**

22 **What that line represents is 0.3**
23 **footcandles. So anything beyond that line is less**
24 **than 0.3 and anything within that line is greater**
25 **than 0.3 and the significance and how this is created**

1 **is it's -- it imagines that the sign is shown as**
2 **being turned on as an all-white copy, which you're**
3 **never going to get to have an effective advertising.**
4 **You're going to have to have some sort**
5 **of color in there, some contrast that would be**
6 **required to create an image, but it's the worst-case**
7 **scenario.**

8 **It basically shows an all-white board**
9 **and then they establish a limit at where 0.3**
10 **footcandles would be -- where that would be located**
11 **and for this sign size that is 187 feet from the sign**
12 **face and that's measured or taken directly from the**
13 **center of the sign perpendicular to it.**

14 **So what the yellow line signifies is**
15 **that at approximately 35 feet above ground, because**
16 **the sign is 40-feet high, but it's a 10-foot sign**
17 **face, so the center of that sign is 5 feet below the**
18 **top.**

19 **You're getting this ring of an area of**
20 **influence where the sign image could potentially**
21 **alter the ambient light levels.**

22 **Q.** But at 0.3, there's no -- is there any
23 impact of 0.3 on someone?

24 **A. No, no.**
25 **So, again, it's assuming the worst-case**

1 **scenario and even in the post-construction testing**
2 **that we've done on similar signs, basically the**
3 **ground level reading is not measurable, there's no**
4 **change as far as impacts from the sign to the ground**
5 **light levels.**

6 **Q.** So the sign -- the lighting dissipates
7 further as it goes to the ground, correct?

8 **A. Correct, yes.**

9 **Q.** And in addition, the -- you had said
10 there's all white. What's the -- the typical
11 billboard is not all white, so there's further
12 dissipation there, correct?

13 **A. Correct.**

14 **What's shown is --**

15 MR. RUHL: Sir, hold on, can you speak
16 into the microphone. I'm having such a hard time
17 hearing you guys.

18 MR. D'ARMINIO: I'm sorry, I'm turning
19 my head.

20 MS. RUHL: I know, because I have not
21 understood one word as to what the importance of the
22 0.3, the ambient light, I just hear mumbling and I'm
23 sorry.

24 THE WITNESS: So just to take a step
25 back, so 0.3, that's established by the industry, the

1 Outdoor Advertising Association of America, that's
2 what all the -- the billboard companies use as -- as
3 -- how to make sure that they're all on an even
4 playing field, so not one sign is brighter than
5 another as you're driving down the street.

6 So the 0.3, basically it was
7 established that 0.3 would not have an impact, so
8 they want to make sure that an all white --

9 MS. RUHL: An impact on what?

10 THE WITNESS: On ambient light levels.

11 MS. RUHL: Okay.

12 Explain that.

13 THE WITNESS: So ambient light levels
14 is the existing light level. If you were to go out
15 there today and it's one footcandle, for example,
16 they wouldn't -- the industry that established the
17 limit, they wouldn't want an all-white copy to change
18 that light level to greater than 1.3 in the example.

19 BY MR. D'ARMINIO:

20 **Q.** No, 0.3.

21 MS. RUHL: So it depends on the time of
22 day, right? So the ambient light at noon is
23 different than 7 p.m.?

24 THE WITNESS: Correct, yes, and it will
25 not change, the ambient level greater than that 0.3

1 at any time during the day.

2 MS. RUHL: Okay. And you're saying
3 only in those zones?

4 THE WITNESS: Correct.

5 So beyond that yellow line, there's no
6 impacts, no change to ambient light levels.

7 MS. RUHL: Okay.

8 So it has nothing to do with
9 visibility, it's just the effect on ambient light.

10 THE WITNESS: Correct.

11 MS. RUHL: Okay. Thank you.

12 I just couldn't -- I was really having
13 a hard time hearing.

14 THE WITNESS: I'm sorry about that.

15 MR. D'ARMINIO: Not a problem.

16 BY MR. D'ARMINIO:

17 **Q.** Okay. There was some, just some
18 cleanup as well. Mr. Antal had testified with regard
19 to the impact of the canopy as you're driving north
20 and the requirement for the 40-foot height. You've
21 driven that road numerous times, correct?

22 **A.** Yes, correct.

23 **Q.** And can you verify from your visual and
24 calculations that -- the veracity of that statement?

25 **A.** Yes, correct.

1 **So as you're going northbound on**
2 **Route 17, there's a grade change from south of the**
3 **site to the site. It's about, it varies from 5 feet**
4 **lower to 10 feet lower as you're coming up Route 17**
5 **and lower, I mean, grade-wise.**

6 **So you're picking up grade as you're**
7 **traveling northbound on Route 17 and being out there**
8 **when the crane test was being completed, you can see**
9 **that the sign will get blocked by a lot of the**
10 **existing improvements out there, including the**
11 **canopy, so the sign to be effective, we wanted it to**
12 **be above that, above the existing canopy.**

13 **Q.** And with regard to other -- with regard
14 to other objects, you have trucks, you have other
15 issues as well, correct?

16 **A.** Yes, correct.

17 **In addition to the buildings and**
18 **canopies and signage that exist, you have vegetation,**
19 **you have truck traffic on both sides of the roadway**
20 **to contend with.**

21 **Q.** Also, there was a simulation that the
22 objector provided, I think it was Exhibit 8.

23 **A.** Yes.

24 **Q.** I'll provide you with a copy of that.
25 You examined that exhibit, correct?

1 **A.** Yes, Objector's Exhibit 8, yes,
2 correct.

3 **Q.** Can you comment on that and it's --
4 what it depicts and some of the problems, if any,
5 that it has in terms of doing what it was purported
6 to do, it's depiction?

7 **A.** Yeah.

8 **So when we reviewed this, the first**
9 **thing we noticed is that what's shown in the pink**
10 **rectangular object that's above the building and the**
11 **Exxon sign is supposed to represent the billboard**
12 **sign face, the north sign face, the image is facing**
13 **south.**

14 **It's a simulation of what that sign**
15 **would look like and when we look at it and compare it**
16 **to the measurements and the height data that we**
17 **gathered for the profile exhibit, we just see that**
18 **the sign is -- it's in the wrong location. It might**
19 **be reflecting the original location of the sign,**
20 **which was closer to the Route 17 right-of-way.**

21 **The sign should be further to the page**
22 **right where the center of the sign should be over**
23 **that rear corner of the building, the existing Tire**
24 **Wheel building.**

25 **The dimensions also look to be off.**

1 **The height is short and the dimensions, they're not**
2 **proportional to what's actually being proposed in**
3 **addition to being in a wrong location and also the**
4 **sign, it just doesn't appear -- again, we don't have**
5 **any reference of the height this was taken at, but it**
6 **doesn't appear to be visually accurate to where the**
7 **sign is supposed to be located as far as the height**
8 **in the exhibit that I just shared.**

9 **Q.** It was 13?

10 **A.** **Yeah, A-13, the cross section exhibit.**

11 **You'll see that the clearance between**
12 **the bottom of the proposed billboard and the top of**
13 **that Exxon sign is 9 -- is just shy of 10 feet and**
14 **then this image, it's a couple of feet above the**
15 **Exxon sign at best.**

16 **So it's just not accurate as to its**
17 **location.**

18 **Q.** What is the system, can you identify
19 what system was used and what difficulties there may
20 be with that system?

21 **A.** **As far as developing, preparing this?**

22 **Q.** What was the application that was --

23 **A.** **Yeah, I believe at the last meeting, it**
24 **was mentioned that it was prepared using Microsoft**
25 **Paint, Microsoft Paint and what -- the simulations**

1 **that were prepared for the application, they were**
2 **prepared using Photoshop.**

3 **It's just got more tools and ability to**
4 **scale and after at least show what's being proposed**
5 **and this is kind of just arbitrary.**

6 **Q.** All right. Are there any site plan
7 concerns -- we're applying for site plan approval as
8 well -- that there would be with the board or its
9 location with the proposed sign or its location?

10 **A.** **No, no concerns.**

11 **Again, all the site improvements that**
12 **are out there today will remain. There's not going**
13 **to be any impacts to the site circulation, access to**
14 **the building.**

15 **Yeah, no impacts to any site items.**

16 **Q.** Are there any other site plan issues
17 relating to billboards typically?

18 **A.** **No, there are not.**

19 **Q.** So there's no drainage, stormwater?

20 **A.** **No stormwater, no drainage.**

21 **The area where the billboard is going**
22 **is previously developed. It's got gravel areas and**
23 **broken pavement areas back there. So it's not**
24 **changing the impervious surface, so no increase in**
25 **stormwater runoff.**

1 **Q.** And in terms of parking or generation
2 of traffic, especially digital billboards, what would
3 be the impact?

4 **A.** **No impact.**

5 **It's not a trip generator. No one is**
6 **going out to site to visit a billboard.**

7 **If anybody is visiting the billboard,**
8 **it's just maintenance crew, if they're periodically**
9 **checking on it, I believe.**

10 **Testimony was provided at the last**
11 **meeting, a couple times a year someone will come, do**
12 **a diagnostic check, make sure everything is working**
13 **as expected or in the event of an emergency or an**
14 **error, someone would be out there.**

15 **Q.** So in your experience, it's -- as far
16 as the second use for the site, it doesn't burden --
17 what would you characterize, what, if any, burden it
18 would have on the site to have --

19 **A.** **Yeah, no impact on the existing site.**

20 **MR. WHITAKER:** No impact on the site
21 from what perspective?

22 **THE WITNESS:** From a traffic or
23 drainage perspective.

24 **BY MR. D'ARMINIO:**

25 **Q.** Or the other aspects, other site plan

1 aspects indicated, correct?

2 **A.** **Correct.**

3 **BY MR. D'ARMINIO:**

4 **Q.** Can I have that exhibit back?

5 **A.** **Yes.**

6 **MR. PAPIETRO:** Sir --

7 **BY MR. D'ARMINIO:**

8 **Q.** Any other comments, Mr. Duarte?

9 **A.** **No.**

10 **MR. D'ARMINIO:** Any questions?

11 **MR. PAPIETRO:** Yes, I do, for the

12 engineer of course.

13 From what you described, are you saying
14 that the ambient intensity light of the sign is a
15 continuous variable based on ambient light and that
16 it's limited to 0.3 footcandles above.

17 Can you state an average intensity
18 that's going to be there during any given average day
19 and then what happens when you have a dark overcast
20 evening, where does the sign determine ambient light
21 from.

22 **THE WITNESS:** From the light meter
23 that's affixed to the top of the structure.

24 **MR. PAPIETRO:** I'm sorry, say it again.

25 **THE WITNESS:** From the light meter

1 that's affixed to the stop of the structure. There's
2 a light meter at the very top that's constantly
3 monitoring.

4 So if it's a cloudy day, it will know
5 it's not bright sunlight out, so it will understand
6 that it has to be dimmed back.

7 MR. PAPIETRO: And can you establish an
8 approximate range of intensity by footcandles or
9 lumens or some number that's going to be the average
10 amount to be seen?

11 THE WITNESS: It really depends on the
12 image that's being displayed. So if there's more
13 dark colors, more blues, purples, that's going to
14 bring the level down, so it's really tough to say
15 what the average is, but I can equate it to a typical
16 billboard which has uplights.

17 So if you've got 400 -- 400-watt lights
18 pointed up at a sign face of a similar size, that's
19 about 1200 watts that are shining on the face no
20 matter the time of night, if it's -- well, night is
21 night, but it doesn't -- it doesn't very similar to
22 how this varies and then for this typical sign size,
23 the wattage at night, which is throttled down from
24 its full power is usually about 400 to 1,000 watts
25 coming out of the sign face total.

1 So that's less wattage per sign face
2 when you're comparing it to a typical billboard,
3 which has four uplights, if that helps.

4 MR. PAPIETRO: Okay. How is this
5 condition of varying intensity, coloring of the
6 lights and staying within the 0.3, how is this
7 monitored and maintained?

8 THE WITNESS: It's remotely monitored
9 in the program that displays the images.

10 So in addition to having the ambient
11 light meter, it also, it recognizes what time of day
12 it is, it's got a clock, so it knows that at midnight
13 you're not going to have full sunlight if there
14 happens to be some sort of error with the light
15 meter, for example.

16 So it's got fail-safes built in and
17 it's also logging the light levels throughout the
18 day. So if there was an issue and had to go back and
19 be checked, that could be done.

20 MR. PAPIETRO: Is there a default
21 condition to minimum or maximum should something
22 malfunction?

23 THE WITNESS: Yes.

24 So my understanding is there is a
25 malfunction, the default, it turns off until it can

1 be checked and verified what's going on with the
2 sign.

3 MR. PAPIETRO: On your exhibit here,
4 you have those two triangular-type shaped yellow
5 dotted lines.

6 THE WITNESS: Yes.

7 MR. PAPIETRO: Please clarify again
8 what does that signify. I did not hear your previous
9 explanation. So what is that actually telling us?

10 THE WITNESS: So assuming that the sign
11 was all white, that basically shows the footprint
12 where the light coming off of the sign faces would
13 impact the ambient light levels.

14 MR. PAPIETRO: So that's about as how
15 far it's going to travel?

16 THE WITNESS: Correct.

17 MR. PAPIETRO: But visibility could be
18 far beyond that?

19 THE WITNESS: Correct.

20 MR. PAPIETRO: Okay. One more item.

21 In your evaluation as an engineer, do
22 you go into the relative effects on vehicular traffic
23 for the continuous changing every eight seconds of
24 the sign, the illumination of it and various weather
25 conditions that may impact the sign, but also

1 vehicular traffic with reference to your sign.

2 MR. D'ARMINIO: The next witness will
3 go through that.

4 MR. PAPIETRO: I'm sorry, say it again.

5 MR. D'ARMINIO: The next witness will
6 go through, Mr. Taylor, he's our traffic engineer. I
7 guess, you know, Mr. Duarte can probably answer it.

8 But he's the witness that we would put
9 forward to answer that question, would be the best
10 witness.

11 MR. PAPIETRO: Very well.

12 Okay, thank you.

13 MS. RUHL: I just have a couple of
14 questions.

15 Thank you.

16 Just quick question, when you were
17 talking about site plan issues, I wasn't clear if you
18 said the area where it's going to be currently built,
19 what is there now?

20 THE WITNESS: So behind the existing
21 building, there's just gravel areas, there's a few
22 just concrete pads back there. It's a little
23 overgrown, but it's not a grass area, so it's not
24 increasing the impervious coverage.

25 MS. RUHL: But isn't gravel considered

1 impervious?
 2 THE WITNESS: Compacted gravel would
 3 not be if it's been there for years and years.
 4 MS. RUHL: No, no, so my question is
 5 going -- has anybody -- obviously if it's going from
 6 gravel to concrete pad, now that is more impervious
 7 than it was before.
 8 MR. D'ARMINIO: I don't think we said
 9 it was going to be a concrete pad.
 10 MS. RUHL: I'm assuming it's sitting on
 11 something.
 12 MR. D'ARMINIO: It's a pole.
 13 THE WITNESS: Yeah, typically a pole
 14 and a concrete caisson, but the caisson is below
 15 ground.
 16 MR. D'ARMINIO: And what's the width of
 17 the pole?
 18 MS. RUHL: What's the size of --
 19 THE WITNESS: It's not fully designed,
 20 because that typically only happens after an
 21 approval, but in general it's a 4-foot-steel pole.
 22 MS. RUHL: Okay. The pole is 4-feet
 23 steel?
 24 THE WITNESS: Uh-huh.
 25 MS. RUHL: Round?

1 THE WITNESS: Yes.
 2 MS. RUHL: So it sits on something
 3 else? It's just the pole, nothing else below?
 4 I'm just trying to understand.
 5 MR. D'ARMINIO: Let him explain.
 6 THE WITNESS: Yeah, concrete below
 7 grade, it's a caisson footing.
 8 MS. RUHL: Okay. So what's the size of
 9 that that holds the pole up?
 10 THE WITNESS: Typically 5, 5-foot
 11 diameter. It's usually very minor, minor increase
 12 from the steel column itself.
 13 MS. RUHL: So I guess my question is,
 14 it appears that whatever is there now is more imperv
 15 -- or more pervious than what's coming. I mean,
 16 because you did say it was gravel and there's shrubs,
 17 grass. I mean, I go there all the time.
 18 THE WITNESS: Correct yeah.
 19 MS. RUHL: So there is going to be a
 20 change to the site plan.
 21 I mean, from a zoning perspective now,
 22 we're going from X impervious to Y impervious, are we
 23 not.
 24 THE WITNESS: Yes, but we are also
 25 looking at the existing condition, what's out there

1 today.
 2 Not sure when this was approved
 3 originally, but I believe from what we can see at the
 4 surface today, it looks like it was at one point all
 5 paved back behind the building as well.
 6 MS. RUHL: Okay.
 7 THE WITNESS: But --
 8 MS. RUHL: Do you know --
 9 MR. WHITAKER: Well, our engineer is
 10 going to look at any site conditions that exist. If
 11 there's additional impervious, it's got to be
 12 designed properly from an engineering perspective to
 13 accommodate additional impervious.
 14 MS. RUHL: But what I'm getting at is
 15 from a zoning perspective, I'm assuming this zone has
 16 impervious numbers as well.
 17 THE WITNESS: It does.
 18 Our bulk chart does summarize that. So
 19 the limit is 70 percent in the zone and the existing
 20 is 62.5.
 21 MR. WHITAKER: They're under it.
 22 MS. RUHL: So that's what I'm trying to
 23 understand.
 24 THE WITNESS: So, yeah, I guess if we
 25 want to interpret the gravel as not fully impervious,

1 there could be a minor increase. It would not
 2 trigger or exceed the 70 percent.
 3 MS. RUHL: Is there an exhibit that
 4 shows what's -- like the calculations as to what was
 5 being done or has been done?
 6 THE WITNESS: We can pull up A-2 of the
 7 site plan.
 8 MS. RUHL: Thank you.
 9 THE WITNESS: So the bulk chart is
 10 number five on the right.
 11 If we can zoom in on the chart, itself.
 12 So the second to last line there says maximum
 13 impervious coverage, OB-2 zone is 70 percent and the
 14 existing value is 62.2 percent.
 15 MS. RUHL: I guess my question is, what
 16 was included in that 62 percent?
 17 THE WITNESS: The building, the
 18 pavement, curbing and all the remnants of
 19 improvements at the rear of the -- at the rear of the
 20 building.
 21 MR. WHITAKER: So is it your testimony
 22 that the additional impervious, if there would be
 23 some for the construction of this, would not be the
 24 8 percent, so it would still be under the 70 percent
 25 maximum?

1 THE WITNESS: Correct, yes, and we can
2 add that number as a condition.

3 MR. D'ARMINIO: Yeah, we'll add the
4 number, but the original interpretation or the
5 original opinion of this engineer was that it was not
6 adding to the impervious because there was already
7 impervious there.

8 MS. RUHL: Okay.

9 MR. D'ARMINIO: But if you want us to
10 add it, we can do it.

11 MS. RUHL: Can he provide me with the
12 calculations how he got to the 62 percent and what
13 was included in that 62 or has our engineer already
14 done it? I'm just saying, can you provide me with
15 that information?

16 THE WITNESS: We can, yes.

17 MR. REINERTSEN: Mr. D'Arminio, just as
18 a little and in reference to the engineer, in a
19 previous life I worked for the department of city
20 planning and one of our -- we had in New York City
21 and we dealt with special districts and one of the
22 calculations we always did was impervious and we
23 broke it down by category, driveway, building, what
24 have you. I.

25 Think it's a simple calculation and

1 they can add it to the plans and I think that might
2 -- that might address your concerns.

3 MR. D'ARMINIO: Yeah, we'll do it,
4 sure.

5 MS. RUHL: Thank you, thank you.

6 I just want to make sure it's accurate.
7 I can barely read the numbers on this chart, the
8 version that we have.

9 Now, you said that the windows of the
10 building are 9 feet below the sign.

11 Is that correct?

12 THE WITNESS: The top of the windows.

13 MS. RUHL: The top of the windows are
14 --

15 THE WITNESS: To the bottom of the
16 sign.

17 MS. RUHL: So the bottom of the sign is
18 9 feet?

19 THE WITNESS: Nine feet nine inches,
20 give or take.

21 MS. RUHL: And you're saying that the
22 building is approximately from the center of the
23 building to the center of the sign is about 200 feet
24 you were saying?

25 THE WITNESS: Yes.

1 MS. RUHL: So when you're in that
2 building, you'll still be able to see the sign even
3 though it's slightly above the windows?

4 THE WITNESS: I don't think so, no,
5 because you're looking out the window. I mean, if
6 you're maybe pressed up against the window and
7 looking up.

8 MS. RUHL: So when you're a car on the
9 road, your 35 feet or 30 feet below, at 200 feet
10 you're telling me the car can't see the sign?

11 THE WITNESS: It's -- well, the
12 simulations we prepared, it's about at 250 feet that
13 we stopped seeing the sign.

14 MS. RUHL: So you can see the sign at
15 200 feet.

16 When you're looking, you have
17 peripheral vision, correct?

18 THE WITNESS: Correct.

19 MS. RUHL: So something 200 feet away,
20 even if it's a little bit higher, 9 feet, will you be
21 able to see it?

22 You're saying no, not at all?

23 THE WITNESS: Not inside the building,
24 no. A car is different.

25 MS. RUHL: Why is a car different?

1 Explain.

2 THE WITNESS: A typical windshield is
3 going above near eye level. Inside the building, I
4 don't know how that relates to like a person's
5 height, for example.

6 MS. RUHL: I'm just having --

7 THE WITNESS: I'm not sure where on the
8 walls how that all --

9 MS. RUHL: If I'm looking out the
10 window, you're saying I will not be able to see
11 anything 200 feet away, 9 feet up?

12 THE WITNESS: From inside the building?

13 MS. RUHL: From inside the building.
14 Like from right here, I can see the trees that are
15 higher than this building 200 feet away.

16 THE WITNESS: Yes, but, again, if
17 you're only looking at these windows on the lower
18 level and looking directly out, you would not see
19 anything taller than those trees or you can't see
20 anything taller than those trees.

21 MS. RUHL: But you were referring to
22 the second-floor windows.

23 THE WITNESS: Correct.

24 MS. RUHL: The sign is 9 feet higher
25 than the windows and you're looking out the window

1 200 feet away. I want --
 2 THE WITNESS: Well --
 3 MS. RUHL: -- to understand the
 4 testimony, exactly what you're saying. You will
 5 never see that sign?
 6 THE WITNESS: From inside the building,
 7 I don't believe so, no.
 8 MS. RUHL: Okay. So I would like --
 9 can we ask this, can he stand in that -- because he's
 10 criticizing that exhibit that the other attorney
 11 provided.
 12 Thank you.
 13 MR. D'ARMINIO: We have -- we have
 14 exhibits, we have pictures, we have their pictures
 15 from the inside. I mean, we can demonstrate that.
 16 THE WITNESS: Certainly, we can pull
 17 those up.
 18 MS. RUHL: You have their pictures from
 19 inside?
 20 THE WITNESS: From the former meeting
 21 -- prior meeting rather.
 22 VICE CHAIRMAN BANDELDT: You have it at
 23 -- sorry, can I -- so you have it at the particular
 24 location where he was standing when he took that
 25 picture, right?

1 THE WITNESS: Yeah, I have that
 2 picture.
 3 VICE CHAIRMAN BANDELDT: So if you were
 4 at a desk right up against the window.
 5 MR. D'ARMINIO: If you look at
 6 Exhibit 5, I think.
 7 MS. RUHL: All right. The other --
 8 THE WITNESS: Yes, this one. So if
 9 you're -- again, we're going to refer back to the
 10 Exxon sign, because that's a good frame of reference.
 11 So those blinds currently are blocking
 12 the top of the Exxon sign and our proposed billboard
 13 is 7 feet 9 inches above the top of the bottom -- the
 14 bottom of our sign is 7 feet 9 inches above the Exxon
 15 sign and you can't see the top of the Exxon sign as
 16 per this picture.
 17 VICE CHAIRMAN BANDELDT: You're
 18 referring to the Exxon sign with the --
 19 THE WITNESS: The gas station.
 20 VICE CHAIRMAN BANDELDT: There's two --
 21 okay, the pricing, yeah. Thank you.
 22 CHAIRMAN BROWN: Just for clarity, that
 23 picture doesn't depict someone standing next to the
 24 window, does it?
 25 THE WITNESS: No, it does not. I'm not

1 sure if they're standing or sitting.
 2 CHAIRMAN BROWN: Someone standing 10 to
 3 12 feet back, possibly?
 4 THE WITNESS: Possibly.
 5 VICE CHAIRMAN BANDELDT: Okay.
 6 Thank you.
 7 THE WITNESS: Yeah, and, again, that
 8 200 foot measure, that was center of the structure to
 9 center of the building.
 10 MS. RUHL: So I brought up the point
 11 that the cars are 30 feet below.
 12 So at what point can a car see the sign
 13 when it's 30 feet below.
 14 THE WITNESS: I think that's better for
 15 our traffic engineer, he's going to get into that.
 16 MR. D'ARMINIO: The traffic engineer
 17 will talk about the cone of vision and how you can
 18 see the sign from the roadway.
 19 MR. WHITAKER: Yeah, but he just opened
 20 up the door by saying that you can stand inside the
 21 building, you can look out a window and because there
 22 is a sign that is a certain height above a window,
 23 he's opined on the fact that it's not within your
 24 site. So if you can say that, you must also have an
 25 opinion as it pertains to being in a car and when you

1 can see a sign. I mean, you can't opine and give an
 2 opinion on one and refrain from doing the other.
 3 MR. D'ARMINIO: But one has to do with
 4 operating a vehicle and it has to do with the traffic
 5 issues.
 6 MS. RUHL: All right. I got --
 7 MR. WHITAKER: It's not a traffic
 8 issue, it's an issue pertaining to where the car is
 9 --
 10 MS. RUHL: I got a question, if you're
 11 standing there, where can you stand on Route 17 or
 12 the sidewalk of Route 17 and at what point can you
 13 see the sign?
 14 So now we're not talking about traffic,
 15 we're just standing 30 feet below or 28 feet
 16 depending on your height, when can you see the sign.
 17 THE WITNESS: As far as how far away or
 18 how close.
 19 MS. RUHL: I guess --
 20 MR. WHITAKER: Either one.
 21 MS. RUHL: When do you lose site of the
 22 sign?
 23 Let's put it that way. That's maybe
 24 the better question. You're saying at 200 feet
 25 you've lost sight of the sign. So if you're 30 feet

1 below, when do you lose site of the sign.

2 THE WITNESS: Well, I mean, if you're
3 standing in front of the sign, you're going to see
4 it. What I was saying as far as you're not seeing it
5 inside the building is there's other obstructions,
6 there's the walls, there's the ceiling that are
7 blocking your view upward.

8 MS. RUHL: But if you're at the window,
9 looking out the window like he said, this picture is
10 12 feet back.

11 THE WITNESS: Sure.

12 MS. RUHL: So if you're at the window
13 -- anyway, you understand where I'm going.

14 Also, you said that the lights or
15 something are angled.

16 Well, what is actually angled.

17 THE WITNESS: So the sign faces
18 themselves are angled. So they're spread from the
19 roadway, not directly perpendicular, so they're
20 angled to the travel lanes. The diodes that make up
21 the sign face, they're mounted on the sign, so
22 they're perpendicular and then the louvers project
23 above and below the diodes, but they're also
24 perpendicular to the sign face.

25 MS. RUHL: So not only is it a solid

1 structure that the things are put on angled, you're
2 saying the actual lights and those are angled? I'm
3 just trying to understand.

4 THE WITNESS: No, there's just a small
5 one to two inch band that goes above and below the
6 diodes that protects them from rain and shields them
7 a little bit from direct sunlight.

8 MS. RUHL: Yeah, because I guess you --
9 and then this is where I was having a hard time
10 hearing. They were angled so only the intended
11 audience will see it was what you said and I was
12 trying to --

13 THE COURT REPORTER: I'm sorry,
14 "only the intended"?

15 MS. RUHL: The intended audience would
16 see it and I'm trying to understand what's actually
17 being angled and who's the intended audience.

18 THE WITNESS: The traveling, the
19 public, traffic, people in cars on Route 17 are the
20 intended traffic -- I mean, the intended audience.
21 Similar to a cell phone or a television screen, when
22 you're starting to view the screen from an extreme
23 angle, so if you're looking at it parallel, so
24 basically like you're in line with it, you see no
25 image because it just turns black because the diodes

1 are pointing out away from the screen and then as you
2 slowly come around, the image comes into full view,
3 but only when you're directly facing the sign is it
4 at its optimal.

5 MS. RUHL: Optimal?

6 THE WITNESS: Uh-huh.

7 MS. RUHL: Is the correct word. You
8 still can see it, but it's not optimal.

9 THE WITNESS: It's a little more faded.

10 MS. RUHL: Okay. One other thing. In
11 your little drawing --

12 MR. D'ARMINIO: Did you want us to pull
13 up A-6?

14 It shows those -- we had circulated the
15 -- at one of the meetings, the first meeting, I
16 think, we circulated the panel and we had took a
17 picture of it. I think that's A-6.

18 Would that be helpful?

19 MS. RUHL: And that's what's being
20 angled?

21 MR. D'ARMINIO: That's the panel that
22 makes up --

23 MS. RUHL: Yeah, that's --

24 MR. D'ARMINIO: And it has the upper
25 and lower louvers.

1 Would that be helpful?

2 MS. RUHL: No, I think I have an idea.

3 MR. D'ARMINIO: Can we see if we have a
4 picture of that?

5 MS. RUHL: No, I think I'm getting the
6 idea.

7 Your picture, I don't know what exhibit
8 this one with the two little yellow circles
9 (inaudible).

10 THE WITNESS: A-14.

11 MS. RUHL: You have the same distance,
12 the 187.4 on both, but the one on the left is smaller
13 than the one on the right if you measure them.

14 So I don't know if you can provide a
15 more accurate rendering. When I put my little --

16 MR. D'ARMINIO: Is it the same distance
17 for both parabolas?

18 THE WITNESS: It should, yeah, I mean,
19 they're the same sign face, so it's going to be the
20 same yellow line.

21 I think because it overlaps the white
22 line on the north face, it just -- it appears a
23 little different, but the shape and the distance
24 should be identical.

25 MS. RUHL: But if you measure them like

1 with a ruler, they're not and then I guess my
2 question is, why is the one on the left facing south
3 not targeting more the road? Why is the angle -- why
4 aren't you angling it more towards the road than
5 towards the Exxon station?

6 THE WITNESS: So at this particular
7 location there's -- the road kind of kicks there,
8 it's not perfectly straight. So as you're traveling
9 northbound, there's a longer straightaway and on the
10 -- once you're north of the site, the road tends to
11 curve further away. So that's one reason you get a
12 longer read as you're coming northbound and as part
13 of being considerate of, you know, the adjacent uses,
14 we angled the north face even further to make sure
15 that that ring was within our property.

16 MS. RUHL: But the other one is on an
17 adjacent property, the one facing south?

18 THE WITNESS: Correct, it goes over the
19 gas station and that's what you're looking over and
20 across as you're traveling northbound.

21 MS. RUHL: So I guess my question was,
22 why isn't that south facing billboard sign angled
23 further so that more of the ambient candle, whatever,
24 lights are over the road, rather than over the gas
25 station?

1 THE WITNESS: Because at this angle
2 it's better -- it provides better visibility for
3 traffic coming northbound on 17.

4 MS. RUHL: So they can see your sign
5 better?

6 THE WITNESS: Correct.

7 MS. RUHL: It's not that it's better
8 visibility for them --

9 THE WITNESS: Better visibility for the
10 billboard, not -- yeah, correct.

11 MS. RUHL: So the Exxon station is
12 getting the ambient light, rather than the intended
13 audience being the road?

14 THE WITNESS: That site is more within
15 the area of influence of the lighting, yes, but
16 again, it's at a 35-foot height, which it's going to
17 be above --

18 MR. D'ARMINIO: It's 40 feet.

19 THE WITNESS: The center of the sign
20 face.

21 MR. D'ARMINIO: Oh, the center of the
22 sign face. You're saying the center of the sign face
23 is 35 feet?

24 THE WITNESS: Thirty-five feet,
25 correct.

1 MR. PAPIETRO: I have another question
2 on that, that yellow dotted triangular ambient light
3 reflection area.

4 We can see the distance 87 point
5 something and we can see the width approximate, but
6 is that reflected area have a height dimension from
7 the sign, it can go X high and X down to the ground?
8 I mean, are there -- is there more of a
9 three-dimensional cone of some type that's measured
10 here, not just straight out and width, but how high
11 up or at what angle is that sign reflecting light up
12 that will be seen some 200 feet away.

13 THE WITNESS: It's less.

14 So in the vertical, because, again,
15 it's got the louvers, so the louvers are cutting down
16 how much can go up and that's one of the benefits of
17 LED versus the static is there's a reduction in sky
18 glow, so there's no halo around the sign, which you
19 typically get with a static up-lit billboard, you get
20 a light, which kind of makes it all appear like it's
21 glowing where with the LED, the louvers, it's keeping
22 that from going upwards or downwards. It wants to
23 keep it as horizontal as possible.

24 MR. PAPIETRO: Okay.

25 So then the top limit of the sign, the

1 height of the sign and the LEDs, pixels, when they
2 reflect out, are you saying that the control of that
3 light is focused out and down and there's little that
4 goes higher than the height of the sign.

5 THE WITNESS: Correct, yeah, that's
6 what I'm saying, yeah.

7 MR. PAPIETRO: Okay. And the height of
8 the sign is, again, please?

9 THE WITNESS: The overall height is
10 40 feet, 40 feet.

11 MR. PAPIETRO: Forty feet.

12 And the height of those windows and
13 that adjacent building.

14 THE WITNESS: They are above grade.
15 It's about --

16 MR. PAPIETRO: I couldn't read the
17 handout you gave, so I'm asking again.

18 THE WITNESS: Just give me a second.
19 The bottom of the window is about 20 feet above the
20 ground.

21 MR. PAPIETRO: The bottom of the window
22 is about 20 and the height of the sign is at 40.

23 So that distance from the top of the
24 sign down to the ground out to approximately
25 200 feet, some reflected light is going to go right

1 up against all of those windows.
 2 THE WITNESS: I would say very -- it's
 3 possible, but again, it's angled away from those
 4 windows, it's angled to the roadway and as the
 5 parabola shows the limit which would impact the
 6 ambient light levels are within just about adjoining
 7 to the property line.

8 MR. PAPIETRO: So are you saying
 9 there's going to be some variation because the sign
 10 is a continually adjustable condition, but from
 11 daylight to nighttime back to daytime, some of that
 12 light from the sign is going to be readily reflected
 13 onto the building and into those rooms, because it's
 14 right below that 40 feet, but it's still above the
 15 bottom of the sign and it's in the window of a couple
 16 hundred feet from the actual sign.

17 So there's going to be some ambient
 18 light from the sign that will or will not enter that
 19 classroom.

20 THE WITNESS: It's possible that it at
 21 least will hit or wash the building. I won't -- I'm
 22 not sure if it would get inside. That, you know,
 23 depends on shades being drawn, the type of windows,
 24 if there's any coating or anything. They do look
 25 tinted from the outside to address like sunlight.

1 MR. PAPIETRO: Okay. In your
 2 evaluation of various sites and perhaps including
 3 this one now, do you include actually going out in
 4 some radius from the sign and taking ambient light,
 5 direct light measurements, such as may be able to be
 6 done, is that type of relative measurement included
 7 in your evaluation or not?

8 THE WITNESS: Yes, and we have done it
 9 for post, pre and post construction of similar signs.

10 MR. PAPIETRO: Do you have that
 11 information to provide the board for this
 12 application?

13 THE WITNESS: The light levels, yeah, I
 14 can provide light levels for an existing condition.

15 MR. PAPIETRO: Okay. So you have it,
 16 it could be available, very good.

17 Then I would request, if you could, to
 18 provide it to the board.

19 Thank you.

20 MR. WHITAKER: Some questions
 21 pertaining to A-14.

22 Now, as an engineer when you're
 23 developing the site for the billboard, you're
 24 cognisant of the zone that would surround the zone
 25 the billboard is located.

1 THE WITNESS: Yes.

2 MR. WHITAKER: Would I be correct to
 3 say that when you look at the zone, the surrounding
 4 area is on all four sides residential?

5 THE WITNESS: All four sides are not
 6 residential.

7 MR. WHITAKER: Point out to me where
 8 outside the zone is not residential.

9 THE WITNESS: Where outside of the
 10 zone?

11 MR. WHITAKER: Outside of the zone. If
 12 you are in the OB-2 zone.

13 THE WITNESS: Yes.

14 MR. WHITAKER: What surrounds the OB-2
 15 zone.

16 THE WITNESS: The OB-2 zone is
 17 surrounded by the R-1 to the west and the R-125 to
 18 the east.

19 MR. WHITAKER: And the R-1?

20 THE WITNESS: R-1 is to the west, west
 21 and south.

22 MR. D'ARMINIO: So is the question what
 23 surrounds the zone or what surrounds the property? I
 24 just want to make it clear.

25 MR. WHITAKER: I didn't use the word

1 "property," I said what surrounds the zone.

2 MR. D'ARMINIO: Okay. What surrounds
 3 the zone you're in, okay.

4 MR. WHITAKER: Now, I recognize that
 5 you focused on the effect this billboard would have
 6 at this location for the commercial building in the
 7 same zone.

8 Did you do any analysis of what effect
 9 this billboard would have as it relates to the
 10 residential zone that surrounds this zone?

11 THE WITNESS: We did, yes.

12 MR. D'ARMINIO: And we have a planner
 13 with photos of all the surrounding areas that will --
 14 that will show that it has, in our opinion, no
 15 substantial impact, no impact.

16 MR. WHITAKER: We'll wait to hear from
 17 the planner on that, but the second question I have
 18 is, you did an analysis to this commercial building.
 19 You haven't done the same type of analysis as to how
 20 it would affect any of the residential buildings
 21 outside?

22 MR. D'ARMINIO: Do you mean by the
 23 light?

24 I just want to get a clarification,
 25 Mr. Whitaker, you mean the lighting, if the lighting

1 -- how the lighting would affect.
2 MR. WHITAKER: The effect of the site
3 -- I'm not dealing with lighting, I'm dealing with
4 the visual effect. You've shown me that you looked
5 at the billboard and how it will impact another
6 commercial building.

7 A simple question is, if you look at
8 this billboard and how it will impact on the visual
9 aspect, forget about lighting, just visual, looking
10 at it, looking out the window of any of the buildings
11 in the residential zone, did you do the same analysis
12 for that that you did with the commercial building.

13 THE WITNESS: We did as part of the
14 bucket test, we visited a lot of the surrounding
15 area, a lot of the residence -- residential homes and
16 areas that are within a certain number of feet of the
17 subject site.

18 MR. WHITAKER: Do you have an exhibit,
19 like you have an exhibit here showing this, do you
20 have another exhibit that you're prepared to show us
21 how it affects the residential zone?

22 THE WITNESS: No.

23 MR. D'ARMINIO: This witness doesn't,
24 Mr. -- I mean, we can --

25 MR. WHITAKER: I'm asking this witness.

1 There's one exhibit to a commercial building.

2 The question we're asking and I know
3 the board has is what is the effect of this billboard
4 on residential structures in the area and I'm just
5 asking is there another exhibit coming from you.

6 THE WITNESS: No, there's not.

7 MR. WHITAKER: That's all I wanted to
8 know.

9 Next, you did the analysis of the
10 zones. The R-125 zone, do you know what that is as
11 far as what type of residential?

12 THE WITNESS: Not specifically, no.

13 MR. WHITAKER: Do you realize that the
14 R-125 zone is now an AH-3 zone?

15 THE WITNESS: No, I'm not aware.

16 MR. WHITAKER: Do you know what type of
17 building can be built in an AH-3 zone?

18 THE WITNESS: I do not.

19 MR. WHITAKER: You don't know the
20 height of what that building can be?

21 THE WITNESS: No.

22 MR. WHITAKER: So you haven't done any
23 analysis from an engineering perspective as to the
24 visual impact of a building in the AH-3 zone as it
25 compares to this billboard like you did for the

1 commercial building?

2 THE WITNESS: Are you referring to the
3 cross section?

4 MR. WHITAKER: Another exhibit like the
5 this.

6 THE WITNESS: This does show the areas
7 adjacent and adjoining and surrounding the site.

8 So the AH-3 zone and the R zones are
9 shown. So I would say that this does show that
10 there's no impact to those residential zones.

11 MR. WHITAKER: Well, how can you show
12 that if you don't know the height of a building in
13 the AH-3 zone?

14 THE WITNESS: Because this exhibit
15 shows the limit that would be -- the area that would
16 be impacted by the light levels from the billboard.

17 MR. WHITAKER: I'm not talking about
18 the light levels. I started my question by saying
19 the visual, looking out a window.

20 Forget the billboard even having lights
21 on it, looking at the billboard, I just want to know
22 if you've done that for the AH-3 zone.

23 MR. D'ARMINIO: This witness? Did this
24 witness, that's the question?

25 MR. WHITAKER: Well, he did it for one.

1 MR. D'ARMINIO: Okay, fine.

2 MR. WHITAKER: I'm just wondering if
3 he's done it for what the board is concerned with,
4 the impact on residential.

5 I'm not discrediting the impact it may
6 have on the commercial, but we just want to know if
7 it has impact on the residential buildings and this
8 witness doesn't even know what the permitted height
9 is in the AH-3 zone.

10 MR. D'ARMINIO: But I think that's
11 unfair characteristics. He wasn't tasked with that
12 duty. We have a planner who was tasked with that
13 duty, that's why it's an unfair question.

14 MR. WHITAKER: With all due respect,
15 it's not tasking him a duty, it's you got a
16 residential zone that surrounds this zone and he's
17 done an hour's worth of analysis on the impact of a
18 commercial building.

19 I think it's a fair question to ask
20 what's the impact on a residential building in one of
21 those zones.

22 MR. D'ARMINIO: Yes, it is.

23 MR. WHITAKER: You got a planner that's
24 going to do that, fine, but the planner is going to
25 be prepared to talk about distances and whatever,

1 that's going to be your engineering.

2 MR. D'ARMINIO: I think it's an unfair
3 question for this witness who did the site plan, did
4 the lighting analysis and looked at the adjacent
5 properties which were all -- which were all
6 commercial.

7 MR. WHITAKER: I'm going to just say I
8 don't believe it's an unfair question if he's done it
9 for the commercial building and hasn't done it for a
10 residential building. That's all I'm saying. You
11 know, the applicant's going to need to be prepared to
12 address that.

13 MR. D'ARMINIO: And we are.

14 MR. WHITAKER: Okay.

15 CHAIRMAN BROWN: All right. Thank you,
16 Mr. Whitaker.

17 Do any board members have any
18 additional questions?

19 MR. CURRERI: I do.

20 So, you started your testimony and just
21 mentioned recently that you did the, quote, unquote,
22 bucket test. Is the bucket test where we started the
23 first meeting with the person on a crane or is that
24 something else?

25 THE WITNESS: Yes, that's --

1 MR. CURRERI: Okay.

2 So did you prepare the actual pictures
3 associated with the bucket test?

4 THE WITNESS: No, a graphic designer
5 was tasked with preparing those.

6 MR. CURRERI: So you can't answer my
7 question then on why different lanes were used in the
8 different exhibits?

9 THE WITNESS: Why different what?

10 MR. CURRERI: Different lanes were used
11 for where the images were taken.

12 MR. D'ARMINIO: I'm sorry, I didn't
13 hear that.

14 Different what?

15 MR. CURRERI: Different car lanes were
16 used for the different images.

17 THE WITNESS: It was really -- it might
18 have been a matter of traffic at the time.

19 MR. CURRERI: So you didn't personally
20 take it though?

21 THE WITNESS: I took several pictures.
22 I'm not sure. I do believe some of the ones that I
23 took were used for the renderings or for the
24 simulations rather, but, yes, as we're, you know,
25 driving on 17, it is a busy road, so we try to stay

1 in lanes that are furthest away from the sign.

2 So if you're going northbound, you want
3 to stay in the right-most lane, because that gives
4 you the biggest cross street, so you have to go --
5 you visually -- you'd have to see across the three
6 lanes going north and then the three lanes going
7 south and then it also depends on what exit we're
8 taking, so we're trying to be cautious with the
9 traffic on the roadway.

10 MR. CURRERI: But if you were in the
11 lane that's closest to it, the billboard would appear
12 larger, correct?

13 THE WITNESS: Yes.

14 THE COURT REPORTER: I'm sorry, "the
15 lane that's closest to it"?

16 MR. CURRERI: If you were in the lane
17 that's closer to the billboard, the billboard would
18 appear larger?

19 THE WITNESS: Yes, because you're
20 closer to it, so your perspective is different.

21 MR. CURRERI: So, but the only exhibits
22 that were given to us for the visual aide component
23 were from the furthest lane away, correct?

24 THE WITNESS: I don't recall.

25 The simulations, if they were, again,

1 it shows a larger area and that's kind of what we
2 want to paint a picture versus if you're in the
3 closest lane and all you can see is the billboard,
4 you're not really seeing the surrounding area.

5 MR. CURRERI: Okay. Do you know the
6 scale that's actually used in the images that were
7 provided to us?

8 THE WITNESS: They're not to scale.
9 That's why we raised the bucket with the panel on it,
10 because that will give us our frame of reference so
11 that we're able to scale the structure.

12 MR. CURRERI: I'm confused.

13 We were given previous testimony that
14 they were to scale. So you're saying the image of
15 the billboard that's put on that exhibit is not to
16 scale.

17 THE WITNESS: Not to an engineering
18 scale, is what I was referring to. It's not like one
19 on 10 or one on 20.

20 They're to scale in that the sign --
21 the sign simulation is accurate to the picture so
22 that, again, the 10-foot panel, which is on the left
23 or right of those, that the bucket truck was holding
24 up, we know that that's 10 feet 6 inches in height
25 and that's how we scaled the pictures.

1 MR. CURRERI: So the image that I have,
2 it doesn't have any scale and all I have is the
3 image. I don't -- I can't rely on that being an
4 accurate representation then if I don't have a scale
5 to it.

6 THE WITNESS: Exactly.
7 They're not to an engineering scale.
8 The scale is that panel is 10 feet 6 inches and
9 that's how we scaled the simulation accordingly.

10 MR. CURRERI: Okay. Were you involved
11 with taking the pictures of the Maywood southbound
12 750 feet and 500 feet pictures?

13 THE WITNESS: No, but I did review
14 those as well.

15 MR. CURRERI: Okay.

16 No further questions.

17 CHAIRMAN BROWN: Thank you, Jason.
18 Any other board members have any
19 questions?

20 (No response.)

21 CHAIRMAN BROWN: Seeing none, I'll turn
22 it over to our professionals.

23 MR. REINERTSEN: Just a couple of
24 items. Just for clarification, my travels as a
25 planner, I used to do a lot of telecommunication

1 sites.

2 THE COURT REPORTER: I'm sorry, I can't
3 hear you.

4 MR. REINERTSEN: I did a lot of
5 telecommunication sites which dealt with photo
6 simulations and I'm hearing a lot of the same
7 questions that I heard when I used to do it 10, 12
8 years ago.

9 In fact, I'm looking at a visual impact
10 study that I did in the village back in 2011, which I
11 submitted and it had a whole description of the
12 methodology, the camera used, the photo used, the
13 technology used.

14 So basically would answer a lot of the
15 questions with what the board is asking and when I
16 did photo simulations, I just didn't take it from
17 Route 17, I took it from various angles to show the
18 visual impact.

19 So I guess my question would be, would
20 that sort of visual impact statement be able to be
21 provided to the board and do photo simulations from
22 different areas and have a description within there
23 that the board can understand how it was taken,
24 because I read the last transcript and it was just a
25 lot of questions on -- it was almost like a he said,

1 she said thing about -- you know, just let's go from
2 the subjective to the objective, so could that be
3 done?

4 MR. D'ARMINIO: We have the planner.
5 We'll have the planner do that. I mean, they've
6 taken the pictures, he took drone pictures.

7 I mean, he can do those sorts of -- we
8 can have him do that sort of analysis, if that's
9 what's required.

10 MR. REINERTSEN: Yeah.

11 And I would just say one of the things,
12 and counsel had a good point about taking pictures
13 from residential areas, but one of the things we have
14 to be cognisant of, unless you're given permission to
15 take it from somebody's property, you're not going to
16 -- you're going to take it from the right-of-way,
17 that's the limitations.

18 Now, the only difference is from what I
19 did, you have drone technology now, so you can fly a
20 drone so you can actually -- let's say if you have
21 someone claiming, well, I can see it from my window,
22 you can fly the drone right at that level and into
23 the sim and you can see and so I think that that sort
24 of approach, I would just suggest, that can clarify a
25 lot of these questions that are being asked here.

1 CHAIRMAN BROWN: Thank you.

2 MR. D'ARMINIO: Thank you.

3 We did do drone photos, so I think we
4 have some of that information, but we'll go back and
5 take a look and do it again if necessary.

6 MR. REINERTSEN: It's just guidance to
7 the board and guidance to you. I think that would be
8 a good approach, because, you know, from the
9 transcript, reading the last time and hearing it
10 there, I'm hearing the same questions and I think the
11 exhibits will just really nail it down, you know, the
12 what and the why, you know, what I did and why, you
13 know, what's the background.

14 VICE CHAIRMAN BANDELT: Can I ask one
15 final question?

16 So I'm really just trying to get a
17 sense of how intense 0.3 footcandles is.

18 Is there someone who can answer that?
19 And the reason why I'm asking is because in the
20 village code there's a section in 190-119F, which is
21 called "lighting" and I'll just read the statement.

22 It says: "All light fixtures in any
23 zone district shall be designed and located...
24 shall not exceed 0.1 footcandles at any point
25 at ground level along the property line."

1 And so I'm trying to -- so if I have a
2 landscape light, right, the ordinance or the zoning
3 is written in such that, you know, my landscape light
4 can't produce 0.1 across the property line.

5 So I'm trying to get a sense of what
6 does -- what does 0.3 look like? You may not be the
7 right person to answer that, but can someone answer
8 it.

9 THE WITNESS: Yes, I can.

10 So 0.1, say you're in a parking lot
11 that's 0.1 and you drop your keys on the ground, you
12 will be hard pressed to find those keys by just
13 looking down.

14 At 0.3 you'll just be able to make out
15 where they are.

16 VICE CHAIRMAN BANDELT: So like if I'm
17 looking in this room and I see a computer monitor or
18 the TV screen or something like that, like how bright
19 -- you know, is that 10 footcandles, 100, 0.5, like
20 what order of magnitude --

21 THE WITNESS: So the room, itself, is
22 probably 10 to 20.

23 VICE CHAIRMAN BANDELT: Okay.

24 But the light that's coming off of like
25 one of these screens, I'm just trying to get a sense

1 of like how much brighter is that than the ambient
2 light in this room.

3 THE WITNESS: So the measurement for
4 that is basically if you imagine a ring around the
5 screen and it's basically equating like where that
6 0.3 is for the billboard, it would be proportional to
7 the screen size so you could, you know, scale it down
8 and get a ring around it, but just taking a
9 measurement of the screen, it -- I don't have that,
10 no.

11 VICE CHAIRMAN BANDELT: Okay.

12 CHAIRMAN BROWN: All right.

13 Thank you very much.

14 Mr. Standriff, do you have questions?

15 MR. STANDRIFF: Yes, sir.

16 Thank you.

17 Ms. Wondergem, can we put Objector
18 Exhibit 7 up, please?

19 CROSS EXAMINATION

20 BY MR. STANDRIFF:

21 Q. Mr. Duarte, do you see the telephone
22 pole in Objector Exhibit 7?

23 A. **The one to the left of the building?**

24 Q. Yes.

25 A. **Yes.**

1 Q. And do you see how the bottom of the
2 that pole comes down right next to the blue vehicle
3 in the photograph?

4 Do you see how that -- it appears to me
5 to be on the property of the subject, would you agree
6 with that?

7 MR. D'ARMINIO: Wait a second, let me
8 get the picture. Just wait a second.

9 What's that number again?

10 MR. STANDRIFF: Seven.

11 MR. D'ARMINIO: Do you want to have the
12 last question reread or --

13 THE WITNESS: No.

14 Do I see the utility pole all the way
15 to the grass area, essentially where it's next to the
16 black car, is that the question?

17 BY MR. STANDRIFF:

18 Q. Correct, yes.

19 A. **Yes.**

20 Q. And that utility pole is going to be
21 fairly close to the proposed billboard location,
22 correct?

23 A. **No, that utility pole is actually off
24 the property.**

25 **So I would say it's about 30 -- 32 feet**

1 **from the edge of the sign face.**

2 Q. When you say "off the property," you're
3 not saying it's on the Exxon gas station's property,
4 are you?

5 A. **No, it's actually in the right-of-way.**

6 Q. Okay.

7 So the utility pole is towards
8 Route 17, but adjacent to the subject property, it is
9 not adjacent to the Exxon property, correct?

10 A. **It's almost at the shared lot line in
11 front of the two where the two meet.**

12 Q. Okay.

13 A. **Just looking at my site plan.**

14 MR. STANDRIFF: Ms. Wondergem, would
15 you please pull up Applicant's A-4.

16 MR. D'ARMINIO: Give me a second, just
17 second.

18 A-4.

19 MR. STANDRIFF: A-4 with the 500-foot
20 view.

21 Thank you.

22 THE WITNESS: Yes I have it.

23 MR. D'ARMINIO: A-4 is 750, I have.

24 MR. STANDRIFF: Let me just make sure
25 that I have the same exhibit.

1 So Exhibit A-4 is the same telephone
2 pole that you placed the bucket truck and the panel
3 next to it.

4 MR. D'ARMINIO: That's -- let's get
5 this squared away. A-4 is 750 feet traveling
6 southbound. That says 500 feet traveling southbound.

7 MR. STANDRIFF: My understanding is
8 that there are two pages to A-4.

9 MR. D'ARMINIO: Maybe it's -- oh, it's
10 A-4B, the second one, the second one, got it.

11 BY MR. STANDRIFF:

12 **Q.** Mr. Duarte, my question is, is the
13 telephone pole that I just asked you about, the same
14 telephone pole that is next to the individual
15 standing in the bucket with the panel that you used
16 to begin your simulation?

17 **A. Yes.**

18 **So the utility pole to the left of the**
19 **panel is the -- yes, is the utility pole we just**
20 **discussed.**

21 **Q.** Okay.

22 So do you see how the top of the
23 utility pole with the cross member is fairly close in
24 height to the top of your panel?

25 **A. Yes.**

1 **Q.** And do you see how the bottom of the
2 panel is slightly above where the lowest wires come
3 and hit the utility pole?

4 **A. Well, there are wires further below. I**
5 **mean, there's a number of wires there.**

6 **Q.** Well, anyway once we get a reference
7 point at the top of the utility pole where the cross
8 member is, you simply go down 10 feet 9 inches,
9 right?

10 **A. Yes.**

11 MR. STANDRIFF: Ms. Wondergem, would
12 you please pull up Objector Exhibit 8?

13 MS. WONDERGEM: Which one, I'm sorry?

14 THE WITNESS: Eight.

15 BY MR. STANDRIFF:

16 **Q.** Mr. Duarte, as I understood your
17 testimony, you found --

18 MR. D'ARMINIO: I'd like to give him 8,
19 give me a second.

20 BY MR. STANDRIFF:

21 **Q.** Mr. Duarte, as I understand your
22 testimony, you found three points of objection to
23 Exhibit 8 with what I will call the pink or purple
24 sign.

25 So, you indicated that the pink or

1 purple sign should be further to the right in the
2 picture.

3 Is that correct?

4 **A. Correct.**

5 **Q.** Okay. You indicated that the sign
6 appears to be shorter than what will be there?

7 **A. Yes.**

8 **Q.** And by that you meant from top to
9 bottom, correct?

10 **A. And overall height.**

11 **Q.** And overall height.

12 So, in fact, the simulation, the purple
13 box should actually be slightly larger?

14 **A. Correct.**

15 **Q.** And thirdly, you indicated that the
16 image should be slightly higher, correct?

17 **A. Yes.**

18 **Q.** So, we just talked about the fact that
19 your bucket truck was very close, the top of the
20 panel was very close to this telephone pole.

21 Is that correct?

22 So we'd have to move this sign up a bit
23 and a little to the right?

24 MR. D'ARMINIO: Object to "a little,"
25 but how much to the right?

1 What does a little mean?

2 MR. STANDRIFF: I'll rephrase the
3 question.

4 MR. D'ARMINIO: Redo the question and
5 do how much feet it is, I think he already testified
6 as to the feet.

7 BY MR. STANDRIFF:

8 **Q.** So given the fact that we have
9 determined that your panel was very close in height
10 to the cross member of the telephone to make exhibit
11 A-8 more accurate, we would make the sign larger,
12 move the top up and then move the purple box to the
13 right?

14 Is that correct?

15 **A. Yes, correct.**

16 MR. STANDRIFF: Ms. Wondergem, could
17 you go back to Objector Exhibit 5, please.

18 BY MR. STANDRIFF:

19 **Q.** Sir, it was your testimony that you do
20 not believe that someone standing in this room in my
21 client's office would be able to see the sign because
22 it would be higher than the individual's view as
23 shown in Exhibit 5.

24 Is that correct?

25 **A. Yes, that's correct.**

1 **Q.** Okay.
 2 Now, if these blinds in the three
 3 middle windows were not there, would any part -- in
 4 your opinion, would any part of the billboard be
 5 visible from where the photographer was standing?
 6 **A. Yes, it's possible that a portion,**
 7 **possibly the bottom, like bottom area of the sign**
 8 **could potentially be, if the blinds were raised all**
 9 **the way to the top.**
 10 **Q.** Okay. Well, you see some windows
 11 happen to have them raised and some don't, right?
 12 **A. Sure, yeah.**
 13 **Q.** And you understand that even though we
 14 still have Exhibit 5 up where the photographer is
 15 standing more towards the middle of the room,
 16 Exhibit 8, do you understand that photograph the
 17 photographer is standing next to the window, there's
 18 plenty of room above the representation of the sign,
 19 there's lots of sky in that, right?
 20 There's no question that someone
 21 standing next to the window in my client's building
 22 is going to be looking directly at the billboard,
 23 correct?
 24 **A. Yeah, if you're standing right up**
 25 **against the windows and looking out towards the**

1 **adjacent site, you're going to see some of the**
 2 **structure and potentially some of the sign face as**
 3 **well.**
 4 MR. STANDRIFF: Mr. D'Arminio, the
 5 cross section that was prepared, was that marked with
 6 a number yet?
 7 MR. D'ARMINIO: Yes, it was.
 8 It's A-13.
 9 MR. STANDRIFF: A-13, okay.
 10 Ms. Wondergem, could you please pull up
 11 A-13.
 12 BY MR. STANDRIFF:
 13 **Q.** Sir, I want to make sure that the board
 14 understands the relationship to the bottom part of
 15 A-13 versus the top part, which is a slice, correct?
 16 Do you have some other name for the top
 17 part of the exhibit?
 18 **A. Yeah, I believe I described it as a**
 19 **slice along the section line.**
 20 **Q.** Okay. Now, if you were simply given
 21 the top part of this exhibit, it would almost appear
 22 that someone standing in my client's building would
 23 have to almost stick their head out of the building
 24 and look to their immediate right in order to see the
 25 billboard.

1 MR. D'ARMINIO: Objection as to the
 2 characterization. The exhibit speaks for itself.
 3 If you can answer it, answer it, but I
 4 believe it's a characterization of the exhibit that
 5 you would ask his characterization.
 6 THE WITNESS: Yeah, I mean, again, it's
 7 a slice of the existing and proposed condition.
 8 BY MR. STANDRIFF:
 9 **Q.** I'm pointing to the left side, again,
 10 the top part of the exhibit. I'm pointing to the
 11 left side of the representation of my client's
 12 building including the windows. That is not the edge
 13 of the building, correct? When I say "the edge," I
 14 mean immediate -- the left side of his building is
 15 not shown, is it?
 16 **A. It's the edge of the building along**
 17 **that slice, yeah.**
 18 **Q.** Right.
 19 So, as Board Member Ruhl asked, the
 20 portion of my client's building stops right here.
 21 Only the left side of my client's building is shown,
 22 correct?
 23 **A. In that --**
 24 **Q.** I'm sorry, let me rephrase that. I
 25 said left and I meant right.

1 Only the right side moving towards
 2 where it says three plus --
 3 **A. Fifty.**
 4 **Q.** -- 50 is shown, correct?
 5 **A. Yes.**
 6 **Q.** So in this representation up top,
 7 because you cut it off here, this corner where you
 8 drew the yellow line distance is not shown, correct?
 9 **A. It's not shown in the profile view, no.**
 10 **Q.** So, in order to know where the true, I
 11 guess it would be the southern most corner of my
 12 client's building, what we would need to do is take a
 13 straightedge and apply it and so we realize -- am I
 14 doing it correctly, sir?
 15 We'd realize the true southernmost edge
 16 of my client's building is here below the plus sign
 17 at the top of your diagram; am I doing it correct?
 18 **A. Yeah, and we did call out that**
 19 **dimension of 100.9 feet.**
 20 **Q.** Okay.
 21 So, truly my client's building is over
 22 here and, again, for the record, it's below a plus
 23 sign; do you agree with that? And each one of these
 24 bars would be 50 feet, right?
 25 **A. Each one of the vertical bars?**

1 Q. Yes.
 2 A. **Yes.**
 3 Q. Correct?
 4 A. **Correct.**
 5 Q. Okay. So, if the edge of my client's
 6 building is here, we know that's 100 feet to the edge
 7 of the sign, right?
 8 You misspoke when you said to the
 9 middle of my client's building would be 200 feet,
 10 right? So --
 11 A. **It's 200 feet from center to center.**
 12 Q. Center to center.
 13 Well, if -- if the middle of my
 14 client's building is right here, wouldn't it be 50,
 15 100, 150, one, two, three?
 16 A. **Well, no, I'm seeing the center -- when**
 17 **I was asked what the center distance was, I saw it**
 18 **more as the center of the actual building, not the**
 19 **center of that wall.**
 20 Q. Oh, you measured to here, the middle of
 21 the building?
 22 A. **Center to center, yes.**
 23 Q. The middle of the building like where
 24 the air conditioner is or whatever that is?
 25 A. **Yes.**

1 Q. Okay.
 2 But to the window would be more like
 3 150 feet from approximately where the pole or the
 4 center of the sign is --
 5 A. **Correct.**
 6 Q. -- to where the slice is, correct?
 7 A. **Yes.**
 8 Q. So that would be 150 feet?
 9 A. **(Nonverbal response.)**
 10 MR. STANDRIFF: Ms. Wondergem, could
 11 you pull up A-14.
 12 BY MR. STANDRIFF:
 13 Q. Did you use the phrase brawl for the
 14 yellow outline areas?
 15 A. **We call it a parabola.**
 16 Q. Say it again.
 17 A. **Parabola.**
 18 Q. Parabola, okay. And I just wasn't
 19 clear, in the depiction in A-14, are the yellow lines
 20 measured at ground level or some other level?
 21 A. **It's measured at the center -- drawn at**
 22 **the center of the sign, so 35 feet above grade.**
 23 MR. STANDRIFF: Thank you.
 24 No further questions.
 25 CHAIRMAN BROWN: Thank you,

1 Mr. Standriff.
 2 Just one follow-up while we're on that
 3 exhibit, Exhibit 14. When we look at the yellow line
 4 that you have, so if we're looking on the north line
 5 towards the building, you sort of have a concave
 6 line, sort of start to draw a circle, but then you
 7 make an immediate 45 degree turn and draw a straight
 8 line.
 9 Is that how light normally travels?
 10 THE WITNESS: In this case with the
 11 diodes, that -- that is their characteristic.
 12 CHAIRMAN BROWN: But then --
 13 THE WITNESS: It's the cutoff.
 14 CHAIRMAN BROWN: Okay. But then
 15 explain to me how are some of the diodes pointed
 16 directly to the -- if we're looking at that same
 17 north it would be west, and then they curve back to
 18 -- into a straight line that sits -- that's drawn
 19 exactly along the property line.
 20 THE WITNESS: The question was how?
 21 CHAIRMAN BROWN: Yeah, how do the
 22 diodes work like that?
 23 THE WITNESS: Because it's reducing the
 24 output. So if you're -- again, the diodes are all
 25 pointing perpendicular.

1 So you're getting cut off and a drop as
 2 you approach a 30-degree angle, for example, that
 3 30-degree angle isn't getting the full brightness or
 4 full visual -- well, full brightness, I'll say, of
 5 that diode, because, again, it's pointing directly
 6 straight.
 7 CHAIRMAN BROWN: But it doesn't seem as
 8 though the diodes on the, let's say, east side sort
 9 of follow a more circular pattern. I'm just confused
 10 by your straight line.
 11 THE WITNESS: So, if you look at,
 12 again, I'll stay on the north face. If you look at
 13 the line along the -- the zone line on Route 17,
 14 that's straight there as well.
 15 CHAIRMAN BROWN: But it extends out --
 16 it extends out over 17.
 17 THE WITNESS: What does that mean?
 18 I'm just saying that there's tangent on
 19 both sides. It's straight.
 20 Basically the front at 187.4 feet.
 21 There's a 10-foot-6-inch straight line there, that's
 22 the cutoff at 187.4 and then you got tangents on
 23 either side.
 24 So if you actually fold the parabola in
 25 half, they'll line up on each other and we can --

1 CHAIRMAN BROWN: So if you look that
 2 entire, what I'm going to describe as a circle and
 3 folded it in half, you're saying that they would line
 4 up directly on each other, even though there's a
 5 straight line that approximately is running, you
 6 know, more than half the length of the property line?
 7 THE WITNESS: Yeah.
 8 If you fold the north face or the south
 9 face, there will be a straight portion on both of
 10 those, same length.
 11 CHAIRMAN BROWN: All right. Thank you.
 12 Any other board --
 13 MR. STANDRIFF: Excuse me,
 14 Mr. Chairman.
 15 I have one follow-up question.
 16 CONTINUED CROSS EXAMINATION
 17 BY MR. STANDRIFF:
 18 Q. Mr. Duarte, if there are no
 19 obstructions, what is the maximum approximate
 20 distance that the sign would be visible from?
 21 A. The maximum --
 22 MR. D'ARMINIO: From what -- from
 23 where?
 24 BY MR. STANDRIFF:
 25 Q. What is the maximum distance that a

1 human being can see the sign from if there were no
 2 obstructions?
 3 MR. D'ARMINIO: But in terms of "see,"
 4 you mean read it or just see the -- see whatever the
 5 structure is?
 6 We have another witness who is going to
 7 testify as to that as this witness knows, but to read
 8 it and appreciate it and see it in a distance, like I
 9 can see the Empire State Building, is that what you
 10 mean? What do you mean, see.
 11 MR. STANDRIFF: Yes, because if you see
 12 the Empire State Building, you will know what it is.
 13 I'm not asking you the distance that the someone can
 14 read the sign.
 15 I'm asking you the distance,
 16 approximate distance that someone could see the sign
 17 and realize it was a digital billboard.
 18 MR. D'ARMINIO: We have another witness
 19 to deal with that. If you know.
 20 THE WITNESS: I don't have an exact
 21 number.
 22 I would just say it's going to be more
 23 than -- it's a few hundred feet. You can see the
 24 structure in our simulations. We go out to a
 25 thousand feet.

1 So, again, there's a lot of variables
 2 there as to how far you can see something versus
 3 recognize it versus read it.
 4 MR. D'ARMINIO: And, again, our next
 5 witness will make those distinctions.
 6 CHAIRMAN BROWN: Okay. Thank you.
 7 So, before we move onto the next
 8 witness, I'm going to open up to the public. This is
 9 a reminder, this is the time for members of the
 10 public to ask any questions that they might have of
 11 the applicant's witness.
 12 It's the time for questions only and
 13 not a time for comments.
 14 MR. D'ARMINIO: Mr. Chairman, after
 15 that I get a chance to redirect, correct, after these
 16 questions?
 17 CHAIRMAN BROWN: Mr. Whitaker?
 18 MR. WHITAKER: Yes.
 19 CHAIRMAN BROWN: Yes, yup.
 20 MR. D'ARMINIO: I just have a few.
 21 CHAIRMAN BROWN: Okay. So, it's time
 22 for questions from the public.
 23 If you want to come forward, please
 24 state your name, also spell your name and address for
 25 the record and direct your questions to the

1 applicant's witness.
 2 MR. DeSILVA: Hi, Rohan DeSilva, 521
 3 West Saddle River Road.
 4 CHAIRMAN BROWN: Could you just talk
 5 more directly into the mic so we can hear you?
 6 Thank you.
 7 MR. DeSILVA: Rohan DeSilva, 521 West
 8 Saddle River.
 9 THE COURT REPORTER: Can you spell your
 10 last name.
 11 MR. DeSILVA: D-E-S-I-L-V-A.
 12 Okay. So, Mr. Duarte, is this angle,
 13 where the 187 feet is in the yellow visual there, is
 14 that the correct angle of the sign, the way it's
 15 projecting out, 187 feet?
 16 THE WITNESS: Yes.
 17 The proposed sign is superimposed on
 18 the lighting exhibit. So you can see the structure
 19 and that's accurate with the site plan.
 20 MR. DeSILVA: But that --
 21 CHAIRMAN BROWN: Can you just talk more
 22 directly into it? Everyone is having trouble
 23 hearing.
 24 MR. DeSILVA: That's pointed more at
 25 the residential areas then down Route 17, is it not?

1 THE WITNESS: No, it's almost directly
 2 facing the oncoming traffic of southbound --
 3 MR. DeSILVA: But do you see the
 4 187 feet, the arrow you have from middle to middle, I
 5 think?
 6 THE WITNESS: Yes.
 7 MR. DeSILVA: If you extend that out,
 8 where does it go?
 9 THE WITNESS: It goes across the street
 10 and --
 11 MR. DeSILVA: Across 17 to the other
 12 side, correct?
 13 THE WITNESS: Yes, correct.
 14 MR. DeSILVA: Okay. But wouldn't you
 15 want it to be more in line with 17 for maximum
 16 visibility?
 17 THE WITNESS: In this case there's
 18 obstructions, there's a walkway over 17.
 19 So the way it's angled is ideal for
 20 what we're proposing.
 21 MR. DeSILVA: So, you are purposely
 22 angling it towards the residential areas across 17?
 23 THE WITNESS: Well, we're purposely
 24 angling it towards 17.
 25 MR. DeSILVA: I'm sorry, I fail to see

1 that, because you're only angling at a particular
 2 portion of 17, not the maximum effect, because when
 3 you have 500 feet and 700 feet visibility, it's going
 4 to be the residents that are getting it, not -- not
 5 the people on 17, not the traffic on 17; is it not?
 6 THE WITNESS: Is the question --
 7 MR. D'ARMINIO: Is the question --
 8 what's the question?
 9 Is it visible -- we have another
 10 witness who's going to talk about visibility to all
 11 of those indicated areas.
 12 He's answered that it's oriented
 13 towards the highway. The exhibit speaks for itself.
 14 He's also answered that it has -- that light
 15 parabola, the light has no impact on anywhere beyond
 16 that parabola, correct.
 17 THE WITNESS: Correct.
 18 MR. DeSILVA: Okay. I'm sorry, I just
 19 don't see -- I don't see what you're proposing as
 20 what you're trying to achieve. You stated the goal
 21 of this is to maximize --
 22 MR. D'ARMINIO: You're making a
 23 comment.
 24 It's okay, you're making a comment and
 25 you have every right to make a comment, but just not

1 now.
 2 MR. DeSILVA: I'm sorry?
 3 MR. D'ARMINIO: You have every right to
 4 make a comment, but this is questions.
 5 MR. DeSILVA: Okay. I'll figure out
 6 how to put it into a question.
 7 MR. D'ARMINIO: And hopefully we can
 8 answer it.
 9 MR. DeSILVA: I'm sorry?
 10 MR. D'ARMINIO: And we'll try to answer
 11 it.
 12 MR. DeSILVA: Okay.
 13 So I don't know if I told you last time
 14 that I'm hearing deficient.
 15 So when someone interrupts me, I can't
 16 hear what they're saying. That's why I keep asking
 17 for repetition.
 18 All right. Okay, that's it.
 19 Thank you.
 20 CHAIRMAN BROWN: Thank you.
 21 Again, if you can please state your
 22 name and also spell your name and address for the
 23 record.
 24 MS. HADERTHAUER: Diane Haderthauer,
 25 470 Albin Court, Ridgewood. I live around the corner

1 on -- you can see where Albin Court is.
 2 THE COURT REPORTER: Please spell your
 3 last name.
 4 MS. HADERTHAUER:
 5 H-A-D-E-R-T-H-A-U-E-R.
 6 This photograph that we're looking at,
 7 this was taken, I would guess, around now, the
 8 summertime?
 9 THE WITNESS: The aerial is --
 10 MS. HADERTHAUER: Yes, the aerial view.
 11 THE WITNESS: It's dated May 2018.
 12 MS. HADERTHAUER: Okay. Do we have any
 13 photographs that are taken during the six months
 14 where you don't see this foliage?
 15 This is a neighborhood and there are
 16 many homes and I know that between November and May
 17 we do not have this amount of foliage and without
 18 that, these lights, I mean --
 19 CHAIRMAN BROWN: Just remember --
 20 MR. WHITAKER: You got have a question,
 21 you can't testify.
 22 MS. HADERTHAUER: I have to keep it to
 23 a question.
 24 Is it possible to see an aerial
 25 photograph with -- I would say within the six months

1 that you don't see the amount of greenery that you
 2 see now?
 3 So that we can take a look, a better
 4 look at how many homes are surrounding this area,
 5 this sign that's going to be going up.
 6 MR. D'ARMINIO: We actually have zone
 7 [sic] pictures of the area so -- excuse me, drone
 8 pictures of the area.
 9 So I think we can answer the question
 10 with the planner.
 11 MR. WHITAKER: The answer is they're
 12 going to produce that and you'll have the ability to
 13 see it.
 14 MR. D'ARMINIO: Yes.
 15 MS. HADERTHAUER: Without the trees?
 16 MR. D'ARMINIO: Well, I don't know with
 17 the trees when it was taken, so I don't know.
 18 MS. HADERTHAUER: Like I said, any time
 19 between November and May you're not going to have
 20 these trees and that's -- that's an obstruction for
 21 some.
 22 Okay. Thank you.
 23 CHAIRMAN BROWN: Thank you.
 24 Mr. D'Arminio, you did stipulate that
 25 you were going to update the map, so this drone

1 footage or whatever --
 2 MR. D'ARMINIO: We'll update --
 3 CHAIRMAN BROWN: -- will not be from
 4 2018, it will be recent?
 5 MR. D'ARMINIO: Yes, we can update this
 6 map from 2018.
 7 CHAIRMAN BROWN: It won't be 2018
 8 anymore?
 9 MR. D'ARMINIO: It'll be -- what do you
 10 think is the last one? What do you think is the last
 11 one?
 12 THE WITNESS: It might be within --
 13 within a year.
 14 CHAIRMAN BROWN: Okay.
 15 Thank you.
 16 MR. REINERTSEN: Can I just ask, where
 17 is the source of it? Is it New Jersey GIN?
 18 THE WITNESS: No.
 19 So, this map specifically is from
 20 Google Maps. So --
 21 MR. REINERTSEN: Google Maps?
 22 THE WITNESS: Yup.
 23 MR. REINERTSEN: I'd suggest that you
 24 look into New Jersey GIN, it's free.
 25 I would think that that's updated the

1 most recent.
 2 THE WITNESS: Sure.
 3 MR. REINERTSEN: We use it all the time
 4 in our firm.
 5 CHAIRMAN BROWN: Thank you.
 6 Come forward. Thank you.
 7 MS. DeSILVA: Hi, Frettra DeSilva,
 8 521 West Saddle River Road.
 9 THE COURT REPORTER: Please spell your
 10 first name.
 11 MS. DeSILVA: F as in Frank
 12 -R-E-T-T-R-A.
 13 THE COURT REPORTER: Thank you.
 14 MS. DeSILVA: Certainly.
 15 My question is a follow-up question to
 16 the lady who just preceded me about updating the
 17 maps.
 18 Will there be any kind of, I don't know
 19 if it's a simulation, update or whatever to this map
 20 to consider changes in the Schedler property.
 21 MR. D'ARMINIO: We have pictures of the
 22 property as it is now, but we don't have aerials of
 23 it.
 24 So the answer, this witness wouldn't
 25 know, but I can make a proffer, I can make a proffer

1 that we will show the Schedler property --
 2 MR. WHITAKER: You'll be showing that
 3 at a later date?
 4 MR. D'ARMINIO: At a later date that
 5 has -- it's cleared, the middle of it was cleared, I
 6 believe.
 7 So we do have pictures of that
 8 property.
 9 MS. DeSILVA: Okay, thank you.
 10 CHAIRMAN BROWN: Thank you.
 11 MR. WARD: Dave Ward, 552 Route 17
 12 North, Ridgewood.
 13 THE COURT REPORTER: Please spell your
 14 last name.
 15 MR. WARD: Ward, W-A-R-D.
 16 I live directly across the highway from
 17 where they're planning on putting this.
 18 MR. D'ARMINIO: It's 552?
 19 MR. WARD: Yes, 552.
 20 MR. D'ARMINIO: Route 17 North, right?
 21 MR. WARD: North, yes.
 22 MR. D'ARMINIO: Okay, 552.
 23 MR. WARD: I live directly across the
 24 highway from where they plan on putting this and if
 25 you go out there any night of the week, you will

1 notice that the lights on the Exxon station are
 2 extremely bright.
 3 What's the ambient going to do with the
 4 light from the gas station?
 5 Are you going to be competing with that
 6 and it's going to be 10 times brighter than what it
 7 would normally have been?
 8 THE WITNESS: No, so the ambient light
 9 meter is up above, so it's basically 40 feet in the
 10 air, where the canopy and the brightness in the gas
 11 station, that's all below the canopy, I think that's
 12 18 feet height.
 13 So, no, it's not going to be competing
 14 with the gas station.
 15 MR. WARD: Because I know the lights
 16 from the Exxon and the Dunkin' Donuts shine in my
 17 windows every day or every night I should say.
 18 So I can just imagine what this sign is
 19 going to do.
 20 MR. D'ARMINIO: Well, we'll address the
 21 lighting, but we've already addressed the extent of
 22 what the lighting impact is.
 23 Okay, I can't question you. At this
 24 point you're making a statement.
 25 MR. WARD: But I guess if you adjusted

1 the light that much, nobody would see the sign.
 2 MR. D'ARMINIO: If you're making a
 3 statement, I'll wait. I just --
 4 MS. RUHL: Can I ask a follow-up to
 5 that?
 6 So, I guess maybe to clarify his
 7 question. So, when the light emits from the
 8 billboard, it doesn't go straight out only, it will
 9 go in all directions; is that a correct statement.
 10 THE WITNESS: It's --
 11 MS. RUHL: It goes up, down, left,
 12 right?
 13 THE WITNESS: The majority of it goes
 14 straight and that's what we were just discussing
 15 about the curves and the lighting, the yellow lines.
 16 So it's cut off, but there is some that -- a little
 17 bit that goes up, down and to the side.
 18 MS. RUHL: And I guess his -- I guess
 19 to follow up with his question, so the Exxon station,
 20 the canopy, do you know how tall the canopy is at the
 21 Exxon station?
 22 THE WITNESS: I don't have the number
 23 in front of me, but I believe it's around 18.
 24 MS. RUHL: So that's 18.
 25 The bottom of yours is -- so will any

1 of the ambient light from the Exxon station and your
 2 ambient light, like a diagram, will they overlap at
 3 any point.
 4 THE WITNESS: No, because the bulk of
 5 the Exxon brightness is under the canopy, which is
 6 fully shielded from the top of the sign.
 7 MS. RUHL: But he lives across the
 8 street, he sees it, it too goes out, lighting -- it
 9 doesn't stop.
 10 THE WITNESS: Well, because -- yeah, I
 11 mean the area light, that's the intent of that.
 12 MS. RUHL: Has anybody done or will do
 13 some sort of test standing like where the two ambient
 14 lights will overlap each other? Because when you
 15 have your sensors up at 40 feet --
 16 THE WITNESS: Correct.
 17 MS. RUHL: -- it's not taking into
 18 consideration the ambient light below it.
 19 THE WITNESS: Which is brighter, so the
 20 --
 21 MS. RUHL: Yeah, that's what I'm
 22 saying.
 23 So --
 24 THE WITNESS: So, it's --
 25 MS. RUHL: Your site will go brighter

1 or less -- if you put --
 2 THE WITNESS: There's not going to be
 3 any impact because the light meter is up above where
 4 it's not bright.
 5 If I put it -- if it was at the ground,
 6 say under the canopy, then it will make the face a
 7 lot brighter because it's --
 8 MS. RUHL: Yeah, so having the meter up
 9 there is the right place to put it.
 10 THE WITNESS: It's out of that area of
 11 influence.
 12 MS. RUHL: That's actually -- but I'm
 13 just concerned about the double ambient light,
 14 because now you have two sources of light.
 15 THE WITNESS: Yes, and like I mentioned
 16 before, when we've gone out and done the testing for
 17 a constructed sign, there's no change within that --
 18 we haven't seen a change within that ring for a sign
 19 that's operational.
 20 So it's not going to change the ambient
 21 level.
 22 MS. RUHL: I'm sorry, can you say that
 23 again? I didn't understand. I'm having a hard time
 24 hearing you.
 25 THE WITNESS: What you have out at the

1 Exxon station will not be impacted by the sign.
 2 So it's not going to get brighter
 3 because the sign is there and the reason for that is
 4 because it's so much brighter than ambient currently.
 5 MS. RUHL: I'm just having a hard time.
 6 If you have light up here and there's light here, two
 7 light sources, isn't it brighter where they overlap?
 8 THE WITNESS: In a scenario where
 9 you're using area lights to illuminate a parking
 10 area, yes, they act together and you get hot spots
 11 potentially, but the sign is so much dimmer than what
 12 you have at the gas station. The gas station is
 13 bright for safety and security. That's not the level
 14 that the sign --
 15 MS. RUHL: So it will be a little bit,
 16 but nothing noticeable, is what you're saying?
 17 THE WITNESS: Nothing noticeable,
 18 correct.
 19 MS. RUHL: Thank you.
 20 CHAIRMAN BROWN: Any other members of
 21 the public have any questions?
 22 (No response.)
 23 CHAIRMAN BROWN: Seeing none.
 24 Mr. D'Arminio?
 25 MR. D'ARMINIO: Just a few questions.

1 REDIRECT EXAMINATION
 2 BY MR. D'ARMINIO:
 3 **Q.** The parabola, itself, did you create
 4 the parabola or did you get it from the manufacturer,
 5 how do you --
 6 CHAIRMAN BROWN: Mr. D'Arminio, can you
 7 just talk directly into the mic.
 8 MR. D'ARMINIO: I'm sorry.
 9 BY MR. D'ARMINIO:
 10 **Q.** The parabola itself, do you create the
 11 parabola, do you get it from the manufacturer? How
 12 does --
 13 **A. The manufacturer provides the lighting**
 14 **information that we use to prepare it.**
 15 **So the light level, the ring that's on**
 16 **that plan comes direct from the manufacturer.**
 17 **Q.** Okay. And we went over the Exxon
 18 station issue.
 19 The residents had a concern that the
 20 light would somehow impact them across the street. I
 21 think the testimony was that this ring is about the
 22 -- at the ring there's no impact of the light,
 23 correct?
 24 **A. Beyond the ring there's no impact, no**
 25 **change to the ambient light levels.**

1 **Q.** Okay. And the ambient light level at
 2 the ground here, if you take into effect at 187 feet,
 3 if you would take into effect that it's not all
 4 bright and you take into effect down to the ground,
 5 would be less than point one, correct?
 6 **A. Yes. Yeah, it would be.**
 7 **Q.** Okay. In terms of the questions that
 8 were asked with regard to the objector's counsel,
 9 A-4B, and I think it was exhibit -- I forgot what it
 10 was, I think it was 5, they all -- they're taken from
 11 different perspectives, aren't they?
 12 **A. Yes, they are.**
 13 **Q.** All right. So in terms of what you
 14 would see always depends on the perspective, correct?
 15 **A. Yeah, depends on where you're looking**
 16 **at or where you're looking from in the building.**
 17 **Q.** And Objector's 7 is taken with the face
 18 right at the window, I think that you pointed out,
 19 right?
 20 **A. Correct.**
 21 **Q.** Okay. And in that case, you'll see,
 22 whatever you see right at a window, correct?
 23 **A. Yes.**
 24 **Q.** So, that's not the same as taking it
 25 from sitting down or inside the window, correct?


1 **A. Correct.**
 2 **Q.** Okay. The -- you talked about creating
 3 the accuracy to the scale and numbering the scale.
 4 Could you explain that a little more.
 5 It is accurate at -- the simulations
 6 are accurate as it relates to those photos because of
 7 the panel, right?
 8 But you're not -- I don't understand,
 9 you're not measuring the distances or you're not
 10 measuring them with an engineer's scale; is that the
 11 distinction you're making?
 12 Could you clarify that?
 13 **A. Yes, correct.**
 14 **So an engineering scale with the aerial**
 15 **that's up on the screen, that's entered to scale,**
 16 **that's at one to 100 where the simulations, they're**
 17 **to scale as in everything shown as far as the**
 18 **proposed structure, that's proportional and to scale,**
 19 **so it's accurate in what's being proposed, but it's**
 20 **not to scale where I can drop an engineering scale**
 21 **and tell you exactly how many feet something is.**
 22 **Q.** And in terms of viewing, I mean, if the
 23 -- if a window would be closer to the sign and the
 24 sign would be higher, you would see less of the sign,
 25 not more, correct?

1 **A. Yes.**
 2 **Q.** Okay. So, again, that all deals with
 3 the perspective, as well as distance, correct?
 4 **A. Yes, correct.**
 5 MR. D'ARMINIO: All right.
 6 Thank you.
 7 CHAIRMAN BROWN: All right.
 8 Thank you. You've concluded with --
 9 MR. D'ARMINIO: With this witness.
 10 Just have a minute to -- five minutes?
 11 CHAIRMAN BROWN: I think we would
 12 normally take a break since we've been going as long
 13 as we have, but given that it's 10:00, I'm not sure,
 14 you know, we're going to get very far with the next
 15 witness.
 16 MR. D'ARMINIO: Can I just speak to my
 17 client a second?
 18 CHAIRMAN BROWN: Sure.
 19 MR. D'ARMINIO: I understand what
 20 you're saying.
 21 CHAIRMAN BROWN: Okay, thank you.
 22 MR. D'ARMINIO: Thank you,
 23 Mr. Chairman.
 24 It really doesn't make sense to start a
 25 new witness, I think you're right.

1 CHAIRMAN BROWN: Okay, great. Okay,
 2 thank you.
 3 So Jane, we're going to need a new
 4 date.
 5 So we're looking at those two dates in
 6 August.
 7 MS. WONDERGEM: Right. So there's --
 8 CHAIRMAN BROWN: Probably targeting the
 9 23rd.
 10 Is that correct?
 11 MS. WONDERGEM: Yes.
 12 CHAIRMAN BROWN: Mr. Whitaker? Okay,
 13 so it would be, the next date would be August the
 14 23rd, does that work for you and your clients?
 15 Do you want to check with them, go
 16 ahead?
 17 MR. D'ARMINIO: Just give us two
 18 minutes.
 19 CHAIRMAN BROWN: Absolutely.
 20 MR. D'ARMINIO: Tuesday, the 23rd?
 21 CHAIRMAN BROWN: It will be Tuesday,
 22 the 23rd, yes.
 23 MR. D'ARMINIO: Yes.
 24 CHAIRMAN BROWN: Okay, great. So we're
 25 going to carry this until Tuesday, the 23rd of

1 August, 2022, no further notice is needed, at
 2 7:30 p.m.
 3 Thank you, again, Mr. D'Arminio.
 4 MR. D'ARMINIO: Thank you.
 5 Have a good evening.
 6 CHAIRMAN BROWN: Thank you,
 7 Mr. Standriff.
 8 Have a good evening.
 9 (Whereupon, this matter is continuing
 10 at a future date. Time noted: 10:03 p.m.)
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25

1 C E R T I F I C A T E
 2
 3
 4 I, LAURA A. CARUCCI, C.C.R., R.P.R., a Notary
 5 Public of the State of New Jersey, Notary
 6 ID.#50094914, Certified Court Reporter of the State
 7 of New Jersey, and a Registered Professional
 8 Reporter, hereby certify that the foregoing is a
 9 verbatim record of the testimony provided under oath
 10 before any court, referee, board, commission or other
 11 body created by statute of the State of New Jersey.
 12 I am not related to the parties
 13 involved in this action; I have no financial
 14 interest, nor am I related to an agent of or employed
 15 by anyone with a financial interest in the outcome of
 16 this action.
 17 This transcript complies with
 18 regulation 13:43-5.9 of the New Jersey Administrative
 19 Code.
 20
 21
 22
 23
 24
 25


 LAURA A. CARUCCI, C.C.R., R.P.R.
 License # XI02050, and Notary Public
 of New Jersey #50094914, Notary
 Expiration Date December 3, 2023

Dated: July 15, 2022

<p>absolutely [2] - 5:5, 118:19</p> <p>accepted [1] - 8:5</p> <p>access [3] - 10:18, 21:7, 38:13</p> <p>accommodate [1] - 47:13</p> <p>accordingly [2] - 27:18, 77:9</p> <p>accuracy [1] - 116:3</p> <p>accurate [14] - 16:21, 24:9, 25:5, 37:6, 37:16, 50:6, 60:15, 76:21, 77:4, 88:11, 100:19, 116:5, 116:6, 116:19</p> <p>achieve [1] - 102:20</p> <p>acoustics [1] - 5:11</p> <p>acronym [1] - 22:22</p> <p>act [2] - 26:23, 113:10</p> <p>action [2] - 120:8, 120:9</p> <p>actual [6] - 16:15, 26:14, 58:2, 65:16, 74:2, 93:18</p> <p>add [4] - 49:2, 49:3, 49:10, 50:1</p> <p>adding [1] - 49:6</p> <p>addition [6] - 14:9, 27:1, 32:9, 35:17, 37:3, 42:10</p> <p>additional [8] - 14:3, 14:12, 14:24, 24:3, 47:11, 47:13, 48:22, 73:18</p> <p>address [8] - 7:6, 7:9, 50:2, 65:25, 73:12, 99:24, 103:22, 109:20</p> <p>addressed [1] - 109:21</p> <p>adjacent [14] - 17:15, 18:5, 19:19, 20:10, 22:1, 22:9, 61:13, 61:17, 64:13, 71:7, 73:4, 84:8, 84:9, 90:1</p> <p>adjoining [3] - 12:10, 65:6, 71:7</p> <p>adjustable [1] - 65:10</p> <p>adjusted [2] - 27:17, 109:25</p> <p>ADJUSTMENT [2] - 1:1, 1:8</p> <p>Administrative [1] - 120:10</p> <p>advertises [1] - 6:3</p> <p>advertising [3] - 4:6, 5:18, 31:3</p> <p>Advertising [1] - 33:1</p>	<p>aerial [15] - 9:14, 13:1, 13:5, 13:7, 13:10, 13:21, 19:16, 19:18, 25:4, 30:14, 104:9, 104:10, 104:24, 116:14</p> <p>aerials [1] - 107:22</p> <p>affect [2] - 68:20, 69:1</p> <p>affects [1] - 69:21</p> <p>affirm [1] - 6:23</p> <p>affixed [3] - 26:22, 40:23, 41:1</p> <p>agenda [1] - 4:2</p> <p>agent [1] - 120:8</p> <p>ago [1] - 78:8</p> <p>agree [2] - 83:5, 92:23</p> <p>AH-3 [7] - 70:14, 70:17, 70:24, 71:8, 71:13, 71:22, 72:9</p> <p>ahead [3] - 6:16, 21:21, 118:16</p> <p>aide [1] - 75:22</p> <p>air [2] - 93:24, 109:10</p> <p>AK [1] - 2:16</p> <p>Albin [3] - 3:13, 103:25, 104:1</p> <p>all-white [3] - 31:2, 31:8, 33:17</p> <p>almost [5] - 78:25, 84:10, 90:21, 90:23, 101:1</p> <p>alter [1] - 31:21</p> <p>ALTERNATE [2] - 1:17, 1:18</p> <p>ambient [32] - 27:16, 31:21, 32:22, 33:10, 33:13, 33:22, 33:25, 34:6, 34:9, 40:14, 40:15, 40:20, 42:10, 43:13, 61:23, 62:12, 63:2, 65:6, 65:17, 66:4, 82:1, 109:3, 109:8, 111:1, 111:2, 111:13, 111:18, 112:13, 112:20, 113:4, 114:25, 115:1</p> <p>America [1] - 33:1</p> <p>amount [3] - 41:10, 104:17, 105:1</p> <p>analysis [9] - 68:8, 68:18, 68:19, 69:11, 70:9, 70:23, 72:17, 73:4, 79:8</p> <p>angle [9] - 27:7, 58:23, 61:3, 62:1, 63:11, 96:2, 96:3, 100:12, 100:14</p> <p>angled [15] - 27:1, 57:15, 57:16, 57:18, 57:20, 58:1, 58:2,</p>	<p>58:10, 58:17, 59:20, 61:14, 61:22, 65:3, 65:4, 101:19</p> <p>angles [1] - 78:17</p> <p>angling [4] - 61:4, 101:22, 101:24, 102:1</p> <p>answer [15] - 19:12, 44:7, 44:9, 74:6, 78:14, 80:18, 81:7, 91:3, 103:8, 103:10, 105:9, 105:11, 107:24</p> <p>answered [2] - 102:12, 102:14</p> <p>Antal [3] - 5:24, 26:7, 34:18</p> <p>anticipate [1] - 6:5</p> <p>anyway [2] - 57:13, 86:6</p> <p>apologize [1] - 12:22</p> <p>appear [6] - 37:4, 37:6, 63:20, 75:11, 75:18, 90:21</p> <p>Applicant [1] - 2:12</p> <p>applicant [2] - 5:16, 6:4</p> <p>Applicant's [1] - 84:15</p> <p>applicant's [3] - 73:11, 99:11, 100:1</p> <p>APPLICATION [1] - 1:4</p> <p>application [11] - 4:3, 4:20, 5:1, 5:18, 6:15, 9:3, 9:4, 9:7, 37:22, 38:1, 66:12</p> <p>applications [2] - 7:24, 7:25</p> <p>apply [1] - 92:13</p> <p>applying [1] - 38:7</p> <p>appreciate [1] - 98:8</p> <p>approach [3] - 79:24, 80:8, 96:2</p> <p>approval [3] - 4:4, 38:7, 45:21</p> <p>approved [1] - 47:2</p> <p>approximate [4] - 41:8, 63:5, 97:19, 98:16</p> <p>arbitrary [1] - 38:5</p> <p>area [28] - 11:11, 13:16, 14:1, 15:3, 21:2, 30:20, 31:19, 38:21, 44:18, 44:23, 62:15, 63:3, 63:6, 67:4, 69:15, 70:4, 71:15, 76:1, 76:4, 83:15, 89:7, 105:4, 105:7, 105:8, 111:11, 112:10,</p>	<p>113:9, 113:10</p> <p>areas [12] - 38:22, 38:23, 44:21, 68:13, 69:16, 71:6, 78:22, 79:13, 94:14, 100:25, 101:22, 102:11</p> <p>arrow [1] - 101:4</p> <p>aspect [1] - 69:9</p> <p>aspects [3] - 6:9, 39:25, 40:1</p> <p>associated [1] - 74:3</p> <p>Association [1] - 33:1</p> <p>associations [1] - 7:16</p> <p>assuming [4] - 31:25, 43:10, 45:10, 47:15</p> <p>AT [1] - 1:2</p> <p>attorney [1] - 53:10</p> <p>audience [7] - 11:21, 27:4, 58:11, 58:15, 58:17, 58:20, 62:13</p> <p>August [3] - 118:6, 118:13, 119:1</p> <p>auto [4] - 10:15, 10:18, 22:2, 23:13</p> <p>available [1] - 66:16</p> <p>Avenue [1] - 2:14</p> <p>average [4] - 40:17, 40:18, 41:9, 41:15</p> <p>aware [2] - 26:8, 70:15</p>	<p>57:1, 57:23, 58:5, 65:14, 86:4, 92:16, 92:22, 109:11, 111:18</p> <p>benefit [1] - 7:15</p> <p>benefits [3] - 6:2, 27:5, 63:16</p> <p>Bergen [1] - 2:19</p> <p>best [2] - 37:15, 44:9</p> <p>better [8] - 55:14, 56:24, 62:2, 62:5, 62:7, 62:9, 105:3</p> <p>between [6] - 22:7, 24:24, 25:2, 37:11, 104:16, 105:19</p> <p>beyond [5] - 30:23, 34:5, 43:18, 102:15, 114:24</p> <p>biggest [1] - 75:4</p> <p>billboard [50] - 7:25, 10:24, 11:3, 15:21, 19:18, 20:8, 21:5, 21:6, 22:1, 24:20, 27:6, 27:25, 28:2, 30:16, 32:11, 33:2, 36:11, 37:12, 38:21, 39:6, 39:7, 41:16, 42:2, 54:12, 61:22, 62:10, 63:19, 66:23, 66:25, 68:5, 68:9, 69:5, 69:8, 70:3, 70:25, 71:16, 71:20, 71:21, 75:11, 75:17, 76:3, 76:15, 82:6, 83:21, 89:4, 89:22, 90:25, 98:17, 110:8</p> <p>billboards [3] - 27:13, 38:17, 39:2</p> <p>bisecting [1] - 19:24</p> <p>bit [6] - 15:10, 51:20, 58:7, 87:22, 110:17, 113:15</p> <p>black [4] - 25:21, 25:24, 58:25, 83:16</p> <p>blinds [3] - 54:11, 89:2, 89:8</p> <p>Block [3] - 1:6, 4:9, 9:22</p> <p>blocked [1] - 35:9</p> <p>blocking [2] - 54:11, 57:7</p> <p>blue [2] - 26:18, 83:2</p> <p>blues [1] - 41:13</p> <p>board [20] - 7:15, 8:1, 8:12, 8:15, 9:9, 31:8, 38:8, 66:11, 66:18, 70:3, 72:3, 73:17, 77:18, 78:15, 78:21, 78:23, 80:7, 90:13, 97:12, 120:6</p>
B				
<p>bachelor's [1] - 7:20</p> <p>background [2] - 7:15, 80:13</p> <p>band [2] - 23:11, 58:5</p> <p>BANDELT [11] - 1:11, 13:18, 53:22, 54:3, 54:17, 54:20, 55:5, 80:14, 81:16, 81:23, 82:11</p> <p>Bandelt [1] - 3:8</p> <p>barely [1] - 50:7</p> <p>bars [2] - 92:24, 92:25</p> <p>based [4] - 21:17, 23:17, 25:4, 40:15</p> <p>bays [1] - 10:17</p> <p>begin [1] - 85:16</p> <p>beginning [1] - 5:8</p> <p>behind [3] - 17:10, 44:20, 47:5</p> <p>BEING [1] - 1:9</p> <p>below [23] - 20:19, 20:22, 20:25, 21:2, 31:17, 45:14, 46:3, 46:6, 50:10, 51:9, 55:11, 55:13, 56:15,</p>				

<p>Board [2] - 2:9, 91:19 BOARD [3] - 1:1, 1:8, 2:2 board's [1] - 15:12 Board/Professional [1] - 3:6 boards [1] - 8:6 body [1] - 120:7 borders [1] - 9:25 bottom [26] - 19:17, 21:24, 21:25, 22:10, 22:17, 23:20, 23:21, 23:22, 24:15, 29:19, 37:12, 50:15, 50:17, 54:13, 54:14, 64:19, 64:21, 65:15, 83:1, 86:1, 87:9, 89:7, 90:14, 110:25 Boulevard [1] - 2:11 box [2] - 87:13, 88:12 brawl [1] - 94:13 break [1] - 117:12 Brian [1] - 1:23 bright [6] - 41:5, 81:18, 109:2, 112:4, 113:13, 115:4 brighter [9] - 33:4, 82:1, 109:6, 111:19, 111:25, 112:7, 113:2, 113:4, 113:7 brightness [4] - 96:3, 96:4, 109:10, 111:5 bring [1] - 41:14 brings [1] - 15:19 broke [1] - 49:23 broken [1] - 38:23 brought [1] - 55:10 Brown [1] - 3:9 BROWN [61] - 1:10, 4:1, 4:12, 4:17, 4:24, 5:5, 5:14, 6:16, 12:19, 12:21, 12:25, 13:4, 13:9, 13:23, 14:5, 14:11, 14:22, 15:5, 54:22, 55:2, 73:15, 77:17, 77:21, 80:1, 82:12, 94:25, 95:12, 95:14, 95:21, 96:7, 96:15, 97:1, 97:11, 99:6, 99:17, 99:19, 99:21, 100:4, 100:21, 103:20, 104:19, 105:23, 106:3, 106:7, 106:14, 107:5, 108:10, 113:20, 113:23, 114:6, 117:7, 117:11, 117:18, 117:21, 118:1, 118:8,</p>	<p>118:12, 118:19, 118:21, 118:24, 119:6 BRUCE [1] - 2:7 bucket [12] - 15:11, 15:17, 15:20, 69:14, 73:22, 74:3, 76:9, 76:23, 85:2, 85:15, 87:19 building [83] - 10:16, 10:17, 10:25, 16:1, 17:10, 18:4, 19:20, 20:9, 20:11, 22:5, 22:10, 22:11, 23:4, 23:6, 23:7, 23:9, 23:12, 24:19, 24:24, 25:3, 25:20, 25:23, 26:4, 36:10, 36:23, 36:24, 38:14, 44:21, 47:5, 48:17, 48:20, 49:23, 50:10, 50:22, 50:23, 51:2, 51:23, 52:3, 52:12, 52:13, 52:15, 53:6, 55:9, 55:21, 57:5, 64:13, 65:13, 65:21, 68:6, 68:18, 69:6, 69:12, 70:1, 70:17, 70:20, 70:24, 71:1, 71:12, 72:18, 72:20, 73:9, 73:10, 82:23, 89:21, 90:22, 90:23, 91:12, 91:13, 91:14, 91:16, 91:20, 91:21, 92:12, 92:16, 92:21, 93:6, 93:9, 93:14, 93:18, 93:21, 93:23, 95:5, 115:16 Building [2] - 98:9, 98:12 buildings [6] - 14:12, 24:10, 35:17, 68:20, 69:10, 72:7 built [3] - 42:16, 44:18, 70:17 bulk [5] - 4:8, 14:1, 47:18, 48:9, 111:4 burden [2] - 39:16, 39:17 business [2] - 7:6, 7:9 busy [1] - 74:25 BY [31] - 7:13, 8:25, 9:13, 14:17, 15:7, 18:22, 20:14, 25:14, 26:5, 28:23, 29:15, 30:8, 33:19, 34:16, 39:24, 40:3, 40:7, 82:20, 83:17, 85:11, 86:15, 86:20, 88:7, 88:18, 90:12, 91:8,</p>	<p>94:12, 97:17, 97:24, 114:2, 114:9 C C.C.R [2] - 120:3, 120:14 caisson [3] - 45:14, 46:7 calculation [1] - 49:25 calculations [5] - 23:17, 34:24, 48:4, 49:12, 49:22 Caldwell [1] - 1:23 Cali [1] - 2:11 camera [1] - 78:12 candle [1] - 61:23 canopies [1] - 35:18 canopy [9] - 34:19, 35:11, 35:12, 109:10, 109:11, 110:20, 111:5, 112:6 car [9] - 51:8, 51:10, 51:24, 51:25, 55:12, 55:25, 56:8, 74:15, 83:16 carry [1] - 118:25 cars [2] - 55:11, 58:19 CARUCCI [2] - 120:3, 120:14 case [6] - 19:9, 31:6, 31:25, 95:10, 101:17, 115:21 category [1] - 49:23 cautious [1] - 75:8 ceiling [1] - 57:6 cell [1] - 58:21 center [29] - 9:21, 10:16, 21:4, 26:3, 30:17, 31:13, 31:17, 36:22, 50:22, 50:23, 55:8, 55:9, 62:19, 62:21, 62:22, 93:11, 93:12, 93:16, 93:17, 93:18, 93:19, 93:22, 94:4, 94:21, 94:22 Center [2] - 2:11, 5:19 certain [2] - 55:22, 69:16 certainly [2] - 53:16, 107:14 Certified [1] - 120:4 certify [1] - 120:5 CHAIRMAN [73] - 1:10, 1:11, 1:12, 4:1, 4:12, 4:17, 4:24, 5:5, 5:14, 6:16, 12:19, 12:21, 12:25, 13:4, 13:9, 13:18, 13:23,</p>	<p>14:5, 14:11, 14:22, 15:5, 53:22, 54:3, 54:17, 54:20, 54:22, 55:2, 55:5, 73:15, 77:17, 77:21, 80:1, 80:14, 81:16, 81:23, 82:11, 82:12, 94:25, 95:12, 95:14, 95:21, 96:7, 96:15, 97:1, 97:11, 99:6, 99:17, 99:19, 99:21, 100:4, 100:21, 103:20, 104:19, 105:23, 106:3, 106:7, 106:14, 107:5, 108:10, 113:20, 113:23, 114:6, 117:7, 117:11, 117:18, 117:21, 118:1, 118:8, 118:12, 118:19, 118:21, 118:24, 119:6 chairman [2] - 14:4, 14:14 Chairman [7] - 3:8, 3:9, 4:11, 5:23, 97:14, 99:14, 117:23 chance [1] - 99:15 change [10] - 32:4, 33:17, 33:25, 34:6, 35:2, 46:20, 112:17, 112:18, 112:20, 114:25 changes [3] - 13:10, 17:9, 107:20 changing [2] - 38:24, 43:23 characteristic [1] - 95:11 characteristics [1] - 72:11 characterization [3] - 91:2, 91:4, 91:5 characterize [1] - 39:17 chart [4] - 47:18, 48:9, 48:11, 50:7 check [3] - 24:8, 39:12, 118:15 checked [2] - 42:19, 43:1 checking [1] - 39:9 checks [1] - 20:17 CHRIS [1] - 2:4 circle [4] - 13:24, 13:25, 95:6, 97:2 circles [1] - 60:8 circular [1] - 96:9 circulated [3] - 19:16,</p>	<p>59:14, 59:16 circulation [1] - 38:13 city [1] - 49:19 City [1] - 49:20 civil [4] - 6:9, 7:20, 7:22, 8:14 claiming [1] - 79:21 clarification [2] - 68:24, 77:24 clarify [4] - 43:7, 79:24, 110:6, 116:12 clarity [1] - 54:22 classroom [1] - 65:19 cleanup [1] - 34:18 clear [3] - 44:17, 67:24, 94:19 clearance [3] - 22:6, 23:25, 37:11 cleared [2] - 108:5 clearing [2] - 13:15, 13:20 client [1] - 117:17 client's [12] - 88:21, 89:21, 90:22, 91:11, 91:20, 91:21, 92:12, 92:16, 92:21, 93:5, 93:9, 93:14 clients [1] - 118:14 clips [1] - 13:25 clock [1] - 42:12 close [6] - 56:18, 83:21, 85:23, 87:19, 87:20, 88:9 closer [5] - 28:21, 36:20, 75:17, 75:20, 116:23 closest [6] - 11:1, 11:16, 24:19, 75:11, 75:15, 76:3 cloudy [1] - 41:4 coating [1] - 65:24 code [1] - 80:20 Code [1] - 120:11 cognisant [2] - 66:24, 79:14 collaborated [1] - 16:20 color [1] - 31:5 coloring [1] - 42:5 colors [1] - 41:13 column [2] - 11:9, 46:12 combination [1] - 26:19 coming [8] - 35:4, 41:25, 43:12, 46:15, 61:12, 62:3, 70:5, 81:24 COMMENCING [1] - 1:2</p>
---	---	--	--	--

<p>comment [5] - 36:3, 102:23, 102:24, 102:25, 103:4</p> <p>comments [3] - 25:6, 40:8, 99:13</p> <p>commercial [16] - 7:24, 19:19, 20:9, 20:11, 23:10, 23:11, 68:6, 68:18, 69:6, 69:12, 70:1, 71:1, 72:6, 72:18, 73:6, 73:9</p> <p>commission [1] - 120:6</p> <p>compacted [1] - 45:2</p> <p>companies [1] - 33:2</p> <p>company [1] - 6:1</p> <p>compare [1] - 36:15</p> <p>compares [1] - 70:25</p> <p>comparing [1] - 42:2</p> <p>competing [2] - 109:5, 109:13</p> <p>compile [1] - 24:7</p> <p>completed [2] - 23:18, 35:8</p> <p>complies [1] - 120:10</p> <p>component [1] - 75:22</p> <p>computer [1] - 81:17</p> <p>concave [1] - 95:5</p> <p>concern [1] - 114:19</p> <p>concerned [2] - 72:3, 112:13</p> <p>concerns [3] - 38:7, 38:10, 50:2</p> <p>concluded [1] - 117:8</p> <p>conclusions [1] - 30:11</p> <p>concrete [5] - 44:22, 45:6, 45:9, 45:14, 46:6</p> <p>condition [7] - 42:5, 42:21, 46:25, 49:2, 65:10, 66:14, 91:7</p> <p>conditioner [1] - 93:24</p> <p>conditions [5] - 10:23, 16:15, 19:23, 43:25, 47:10</p> <p>cone [2] - 55:17, 63:9</p> <p>confused [2] - 76:12, 96:9</p> <p>connected [1] - 27:25</p> <p>connection [1] - 8:13</p> <p>consider [1] - 107:20</p> <p>considerate [1] - 61:13</p> <p>consideration [1] - 111:18</p> <p>considered [1] - 44:25</p> <p>consists [3] - 10:17,</p>	<p>11:3, 26:17</p> <p>constantly [1] - 41:2</p> <p>construct [1] - 10:24</p> <p>constructed [3] - 15:21, 27:14, 112:17</p> <p>construction [4] - 4:4, 32:1, 48:23, 66:9</p> <p>contains [1] - 26:25</p> <p>contend [1] - 35:20</p> <p>continually [1] - 65:10</p> <p>continued [1] - 4:10</p> <p>CONTINUED [1] - 97:16</p> <p>continuing [1] - 119:9</p> <p>continuous [3] - 26:23, 40:15, 43:23</p> <p>continuously [3] - 27:15, 28:3, 28:5</p> <p>contour [1] - 16:24</p> <p>contours [1] - 17:5</p> <p>contrast [1] - 31:5</p> <p>control [1] - 64:2</p> <p>controls [1] - 27:9</p> <p>Convenience [1] - 2:19</p> <p>copies [3] - 18:14, 18:17, 29:10</p> <p>copy [4] - 28:24, 31:2, 33:17, 35:24</p> <p>corner [7] - 11:1, 25:2, 25:3, 36:23, 92:7, 92:11, 103:25</p> <p>Corporate [1] - 2:11</p> <p>correct [100] - 8:6, 8:7, 8:9, 9:15, 15:25, 16:1, 16:11, 16:12, 16:15, 16:16, 17:1, 19:9, 20:19, 21:11, 22:23, 22:24, 24:6, 24:12, 24:13, 24:16, 26:9, 29:25, 32:7, 32:8, 32:12, 32:13, 33:24, 34:4, 34:10, 34:21, 34:22, 34:25, 35:15, 35:16, 35:25, 36:2, 40:1, 40:2, 43:16, 43:19, 46:18, 49:1, 50:11, 51:17, 51:18, 52:23, 59:7, 61:18, 62:6, 62:10, 62:25, 64:5, 67:2, 75:12, 75:23, 83:18, 83:22, 84:9, 87:3, 87:4, 87:9, 87:14, 87:16, 87:21, 88:14, 88:15, 88:24, 88:25, 89:23, 90:15, 91:13, 91:22, 92:4, 92:8, 92:17, 93:3, 93:4, 94:5, 94:6, 99:15,</p>	<p>100:14, 101:12, 101:13, 102:16, 102:17, 110:9, 111:16, 113:18, 114:23, 115:5, 115:14, 115:20, 115:22, 115:25, 116:1, 116:13, 116:25, 117:3, 117:4, 118:10</p> <p>correction [1] - 30:3</p> <p>correctly [1] - 92:14</p> <p>counsel [2] - 79:12, 115:8</p> <p>Counsel [4] - 2:9, 2:12, 2:16, 2:19</p> <p>couple [5] - 37:14, 39:11, 44:13, 65:15, 77:23</p> <p>course [1] - 40:12</p> <p>COURT [10] - 1:22, 4:15, 58:13, 75:14, 78:2, 100:9, 104:2, 107:9, 107:13, 108:13</p> <p>court [1] - 120:6</p> <p>Court [4] - 3:13, 103:25, 104:1, 120:4</p> <p>coverage [2] - 44:24, 48:13</p> <p>crane [3] - 15:19, 35:8, 73:23</p> <p>create [3] - 31:6, 114:3, 114:10</p> <p>created [3] - 26:20, 30:25, 120:7</p> <p>creating [1] - 116:2</p> <p>credentials [1] - 8:14</p> <p>crew [1] - 39:8</p> <p>criticizing [1] - 53:10</p> <p>Cross [4] - 3:5, 3:19, 17:21, 18:18</p> <p>cross [8] - 18:12, 37:10, 71:3, 75:4, 85:23, 86:7, 88:10, 90:5</p> <p>CROSS [2] - 82:19, 97:16</p> <p>curbing [1] - 48:18</p> <p>current [1] - 8:4</p> <p>CURRERI [15] - 1:17, 73:19, 74:1, 74:6, 74:10, 74:15, 74:19, 75:10, 75:16, 75:21, 76:5, 76:12, 77:1, 77:10, 77:15</p> <p>Curreri [1] - 3:10</p> <p>curve [2] - 61:11, 95:17</p> <p>curves [1] - 110:15</p>	<p>cut [3] - 92:7, 96:1, 110:16</p> <p>cutoff [2] - 95:13, 96:22</p> <p>cutting [3] - 18:3, 20:1, 63:15</p>	<p>105:24, 113:24, 114:6, 119:3</p> <p>D-E-S-I-L-V-A [1] - 100:11</p> <p>D-U-A-R-T-E [1] - 7:8</p> <p>dais [1] - 4:23</p> <p>dark [2] - 40:19, 41:13</p> <p>dashed [2] - 21:12, 24:15</p> <p>data [4] - 24:6, 24:12, 25:1, 36:16</p> <p>Date [1] - 120:16</p> <p>date [13] - 10:8, 10:12, 17:23, 19:7, 29:2, 29:3, 29:24, 29:25, 108:3, 108:4, 118:4, 118:13, 119:10</p> <p>dated [8] - 3:19, 10:11, 13:7, 17:22, 18:19, 29:13, 29:20, 104:11</p> <p>Dated [1] - 120:17</p> <p>dates [1] - 118:5</p> <p>datum [2] - 21:19, 21:20</p> <p>Dave [2] - 3:14, 108:11</p> <p>daylight [2] - 27:20, 65:11</p> <p>daytime [1] - 65:11</p> <p>deal [1] - 98:19</p> <p>dealing [2] - 69:3</p> <p>deals [1] - 117:2</p> <p>dealt [2] - 49:21, 78:5</p> <p>December [1] - 120:16</p> <p>Deerhill [1] - 2:18</p> <p>default [2] - 42:20, 42:25</p> <p>deficient [1] - 103:14</p> <p>define [1] - 22:19</p> <p>degree [1] - 95:7</p> <p>demonstrate [1] - 53:15</p> <p>demonstrating [1] - 23:20</p> <p>department [1] - 49:19</p> <p>depict [3] - 20:23, 21:14, 54:23</p> <p>depicted [2] - 10:13, 13:10</p> <p>depicting [1] - 13:23</p> <p>depiction [2] - 36:6, 94:19</p> <p>depicts [4] - 13:2, 21:22, 30:10, 36:4</p> <p>describe [11] - 11:23, 17:18, 18:23, 20:16, 21:21, 23:2, 24:5, 26:11, 27:10, 30:9, 97:2</p> <p>described [2] - 40:13,</p>
D				
<p>D'ARMINIO [128] - 2:10, 2:10, 5:3, 5:13, 5:15, 6:19, 7:11, 7:13, 8:11, 8:25, 9:11, 9:13, 12:20, 12:24, 13:3, 13:6, 14:3, 14:9, 14:14, 14:17, 14:20, 15:2, 15:7, 18:6, 18:11, 18:16, 18:21, 18:22, 19:10, 20:14, 25:14, 26:5, 28:13, 28:21, 28:23, 29:8, 29:15, 30:8, 32:18, 33:19, 34:15, 34:16, 39:24, 40:3, 40:7, 40:10, 44:2, 44:5, 45:8, 45:12, 45:16, 46:5, 49:3, 49:9, 50:3, 53:13, 54:5, 55:16, 56:3, 59:12, 59:21, 59:24, 60:3, 60:16, 62:18, 62:21, 67:22, 68:2, 68:12, 68:22, 69:23, 71:23, 72:1, 72:10, 72:22, 73:2, 73:13, 74:12, 79:4, 80:2, 83:7, 83:11, 84:16, 84:23, 85:4, 85:9, 86:18, 87:24, 88:4, 90:7, 91:1, 97:22, 98:3, 98:18, 99:4, 99:14, 99:20, 102:7, 102:22, 103:3, 103:7, 103:10, 105:6, 105:14, 105:16, 106:2, 106:5, 106:9, 107:21, 108:4, 108:18, 108:20, 108:22, 109:20, 110:2, 113:25, 114:2, 114:8, 114:9, 117:5, 117:9, 117:16, 117:19, 117:22, 118:17, 118:20, 118:23, 119:4</p> <p>D'Arminio [12] - 3:4, 3:5, 3:6, 5:15, 12:19, 28:18, 49:17, 90:4,</p>				

<p>90:18 DESCRIPTION [1] - 3:18 description [2] - 78:11, 78:22 designed [3] - 45:19, 47:12, 80:23 designer [1] - 74:4 DeSilva [25] - 3:11, 3:13, 100:2, 100:7, 100:11, 100:20, 100:24, 101:3, 101:7, 101:11, 101:14, 101:21, 101:25, 102:18, 103:2, 103:5, 103:9, 103:12, 107:7, 107:11, 107:14, 108:9 desk [1] - 54:4 determine [1] - 40:20 determined [1] - 88:9 develop [1] - 15:23 developed [2] - 10:15, 38:22 developing [2] - 37:21, 66:23 development [1] - 7:22 diagnostic [1] - 39:12 diagram [2] - 92:17, 111:2 diameter [1] - 46:11 DIANA [1] - 1:13 Diane [2] - 3:12, 103:24 difference [2] - 13:14, 79:18 different [15] - 17:5, 33:23, 51:24, 51:25, 60:23, 74:7, 74:8, 74:9, 74:10, 74:14, 74:15, 74:16, 75:20, 78:22, 115:11 difficulties [1] - 37:19 digital [3] - 4:5, 39:2, 98:17 dimension [2] - 63:6, 92:19 dimensional [1] - 63:9 dimensions [5] - 16:2, 16:21, 24:8, 36:25, 37:1 dimmed [1] - 41:6 dimmer [1] - 113:11 diode [1] - 96:5 diodes [11] - 26:18, 26:19, 57:20, 57:23, 58:6, 58:25, 95:11, 95:15, 95:22, 95:24,</p>	<p>96:8 DIRE [1] - 7:12 Dire [2] - 3:4, 7:10 DIRECT [1] - 8:24 Direct [1] - 3:5 direct [4] - 58:7, 66:5, 99:25, 114:16 directed [1] - 27:3 directionalize [1] - 11:19 directionalizes [1] - 27:2 directions [1] - 110:9 directly [15] - 5:9, 31:12, 52:18, 57:19, 59:3, 89:22, 95:16, 96:5, 97:4, 100:5, 100:22, 101:1, 108:16, 108:23, 114:7 discrediting [1] - 72:5 discuss [1] - 26:7 discussed [2] - 17:6, 85:20 discussing [2] - 23:14, 110:14 discussion [2] - 17:13, 27:8 displayed [2] - 26:20, 41:12 displays [1] - 42:9 dissipated [1] - 16:15 dissipation [1] - 32:6 distance [17] - 24:24, 25:9, 25:19, 60:11, 60:16, 60:23, 63:4, 64:23, 92:8, 93:17, 97:20, 97:25, 98:8, 98:13, 98:15, 98:16, 117:3 distances [3] - 16:10, 72:25, 116:9 distinction [1] - 116:11 distinctions [1] - 99:5 district [1] - 80:23 districts [1] - 49:21 done [18] - 5:8, 32:2, 42:19, 48:5, 49:14, 66:6, 66:8, 68:19, 70:22, 71:22, 72:3, 72:17, 73:8, 73:9, 79:3, 111:12, 112:16 Donuts [3] - 14:8, 14:10, 109:16 door [1] - 55:20 dotted [4] - 24:14, 25:24, 43:5, 63:2 double [3] - 4:5, 24:8,</p>	<p>112:13 DOUGLAS [2] - 2:13, 2:14 down [19] - 27:21, 33:5, 41:14, 41:23, 49:23, 63:7, 63:15, 64:3, 64:24, 80:11, 81:13, 82:7, 83:2, 86:8, 100:25, 110:11, 110:17, 115:4, 115:25 downwards [1] - 63:22 dozens [2] - 7:24 drainage [3] - 38:19, 38:20, 39:23 draw [2] - 95:6, 95:7 drawing [1] - 59:11 drawn [3] - 65:23, 94:21, 95:18 drew [1] - 92:8 drive [1] - 10:20 Drive [1] - 2:18 driven [1] - 34:21 driveway [2] - 10:22, 49:23 driving [3] - 33:5, 34:19, 74:25 drone [7] - 79:6, 79:19, 79:20, 79:22, 80:3, 105:7, 105:25 drop [3] - 81:11, 96:1, 116:20 DUARTE [3] - 3:4, 7:1, 7:7 Duarte [13] - 6:8, 6:20, 7:7, 7:14, 9:1, 40:8, 44:7, 82:21, 85:12, 86:16, 86:21, 97:18, 100:12 due [1] - 72:14 duly [1] - 7:4 Dunkin' [3] - 14:8, 14:10, 109:16 during [3] - 34:1, 40:18, 104:13 duties [1] - 9:1 duty [3] - 72:12, 72:13, 72:15 Dynamic [3] - 6:11, 7:8, 7:17</p>	<p>91:13, 91:16, 92:15, 93:5, 93:6 education [1] - 7:16 effect [10] - 34:9, 68:5, 68:8, 69:2, 69:4, 70:3, 102:2, 115:2, 115:3, 115:4 effective [2] - 31:3, 35:11 effects [1] - 43:22 eight [2] - 43:23, 86:14 either [2] - 56:20, 96:23 elevation [8] - 12:1, 21:15, 21:17, 21:25, 22:3, 22:10, 23:15, 23:19 elevations [1] - 21:7 emergency [1] - 39:13 emits [1] - 110:7 emitted [1] - 27:3 emitting [1] - 26:18 Empire [2] - 98:9, 98:12 employ [1] - 27:14 employed [1] - 120:8 end [1] - 20:7 engineer [13] - 6:8, 6:10, 8:6, 40:12, 43:21, 44:6, 47:9, 49:5, 49:13, 49:18, 55:15, 55:16, 66:22 ENGINEER [1] - 2:4 engineer's [1] - 116:10 engineering [12] - 6:6, 6:9, 7:20, 7:22, 8:14, 47:12, 70:23, 73:1, 76:17, 77:7, 116:14, 116:20 Engineering [2] - 6:12, 7:8 enter [1] - 65:18 entered [1] - 116:15 entering [1] - 19:2 entire [2] - 21:13, 97:2 entitled [2] - 17:20, 29:1 equate [1] - 41:15 equating [1] - 82:5 erected [1] - 17:10 error [2] - 39:14, 42:14 especially [1] - 39:2 ESQUIRE [4] - 2:7, 2:10, 2:13, 2:17 essentially [1] - 83:15 establish [2] - 31:9, 41:7 established [4] -</p>	<p>24:11, 32:25, 33:7, 33:16 evaluation [3] - 43:21, 66:2, 66:7 evening [6] - 5:13, 5:14, 8:4, 40:20, 119:5, 119:8 event [1] - 39:13 EVID [1] - 3:18 exact [1] - 98:20 exactly [4] - 53:4, 77:6, 95:19, 116:21 EXAMINATION [5] - 7:12, 8:24, 82:19, 97:16, 114:1 Examination [4] - 3:4, 3:5, 3:5, 3:6 examined [1] - 35:25 example [6] - 21:3, 33:15, 33:18, 42:15, 52:5, 96:2 exceed [2] - 48:2, 80:24 excuse [3] - 25:8, 97:13, 105:7 Exhibit [21] - 3:19, 17:21, 18:18, 18:20, 29:1, 29:13, 30:5, 30:7, 35:22, 36:1, 54:6, 82:18, 82:22, 85:1, 86:12, 86:23, 88:17, 88:23, 89:14, 89:16, 95:3 exhibit [48] - 3:21, 9:18, 11:25, 12:23, 17:15, 17:18, 17:20, 17:24, 18:7, 18:12, 18:24, 19:1, 19:15, 20:10, 20:16, 21:22, 24:2, 25:7, 28:9, 28:22, 35:25, 36:17, 37:8, 37:10, 40:4, 43:3, 48:3, 53:10, 60:7, 69:18, 69:19, 69:20, 70:1, 70:5, 71:4, 71:14, 76:15, 84:25, 88:10, 90:17, 90:21, 91:2, 91:4, 91:10, 95:3, 100:18, 102:13, 115:9 exhibits [7] - 9:8, 28:15, 28:17, 53:14, 74:8, 75:21, 80:11 exist [2] - 35:18, 47:10 existing [18] - 4:8, 10:14, 10:25, 13:21, 17:9, 20:9, 22:2, 33:14, 35:10, 35:12, 36:23, 39:19, 44:20, 46:25, 47:19, 48:14,</p>
E				
<p>east [3] - 23:12, 67:18, 96:8 East [1] - 2:14 eastern [1] - 11:16 edge [7] - 84:1, 91:12,</p>				

<p>66:14, 91:7 exists [2] - 14:7, 17:11 exit [2] - 10:21, 75:7 expansion [1] - 4:7 expected [1] - 39:13 experience [3] - 7:16, 7:23, 39:15 expert [1] - 8:5 Expiration [1] - 120:16 explain [5] - 33:12, 46:5, 52:1, 95:15, 116:4 explanation [1] - 43:9 extend [1] - 101:7 extends [2] - 96:15, 96:16 extent [2] - 11:16, 109:21 extra [2] - 29:9, 29:10 extreme [2] - 20:10, 58:22 extremely [1] - 109:2 Exxon [24] - 5:20, 12:10, 20:6, 24:10, 36:11, 37:13, 37:15, 54:10, 54:12, 54:14, 54:15, 54:18, 61:5, 62:11, 84:3, 84:9, 109:1, 109:16, 110:19, 110:21, 111:1, 111:5, 113:1, 114:17 eye [1] - 52:3</p>	<p>fail-safes [1] - 42:16 fair [1] - 72:19 fairly [2] - 83:21, 85:23 far [14] - 5:24, 32:4, 37:7, 37:21, 39:15, 43:15, 43:18, 56:17, 57:4, 70:11, 99:2, 116:17, 117:14 feature [1] - 17:4 February [8] - 3:21, 10:11, 10:12, 29:2, 29:3, 29:22, 29:24, 30:6 feet [94] - 11:5, 11:6, 11:12, 11:13, 12:5, 12:8, 12:11, 12:14, 12:17, 12:18, 16:7, 21:23, 21:24, 23:21, 23:22, 25:2, 26:2, 31:11, 31:15, 31:17, 35:3, 35:4, 37:13, 37:14, 50:10, 50:18, 50:19, 50:23, 51:9, 51:12, 51:15, 51:19, 51:20, 52:11, 52:15, 52:24, 53:1, 54:13, 54:14, 55:3, 55:11, 55:13, 56:15, 56:24, 56:25, 57:10, 62:18, 62:23, 62:24, 63:12, 64:10, 64:11, 64:19, 64:25, 65:14, 65:16, 69:16, 76:24, 77:8, 77:12, 83:25, 85:5, 85:6, 86:8, 88:5, 88:6, 92:19, 92:24, 93:6, 93:9, 93:11, 94:3, 94:8, 94:22, 96:20, 98:23, 98:25, 100:13, 100:15, 101:4, 102:3, 109:9, 109:12, 111:15, 115:2, 116:21 few [4] - 44:21, 98:23, 99:20, 113:25 field [6] - 7:21, 8:6, 8:14, 8:21, 8:23, 33:4 fifty [1] - 92:3 figure [1] - 103:5 final [2] - 4:3, 80:15 financial [2] - 120:8, 120:9 fine [2] - 72:1, 72:24 finished [1] - 22:3 firm [1] - 107:4 first [7] - 5:22, 12:22, 18:24, 36:8, 59:15, 73:23, 107:10 five [3] - 48:10, 62:24,</p>	<p>117:10 fixtures [1] - 80:22 Flagship [1] - 2:19 flat [1] - 17:4 floor [3] - 22:3, 23:9, 52:22 fly [2] - 79:19, 79:22 focused [2] - 64:3, 68:5 fold [2] - 96:24, 97:8 folded [1] - 97:3 foliage [2] - 104:14, 104:17 follow [6] - 95:2, 96:9, 97:15, 107:15, 110:4, 110:19 follow-up [4] - 95:2, 97:15, 107:15, 110:4 follows [1] - 7:4 foot [2] - 12:8, 55:8 footage [1] - 106:1 footcandle [1] - 33:15 footcandles [7] - 30:23, 31:10, 40:16, 41:8, 80:17, 80:24, 81:19 footing [1] - 46:7 footprint [1] - 43:11 foregoing [1] - 120:5 forget [2] - 69:9, 71:20 forgot [1] - 115:9 former [1] - 53:20 forty [1] - 64:11 forward [3] - 44:9, 99:23, 107:6 four [3] - 42:3, 67:4, 67:5 frame [2] - 54:10, 76:10 Frank [1] - 107:11 free [1] - 106:24 Frettra [2] - 3:13, 107:7 front [6] - 11:15, 12:6, 57:3, 84:11, 96:20, 110:23 full [7] - 7:6, 41:24, 42:13, 59:2, 96:3, 96:4 fully [3] - 45:19, 47:25, 111:6 furthest [2] - 75:1, 75:23 future [1] - 119:10</p>	<p>14:10, 14:11, 19:19, 54:19, 61:19, 61:24, 84:3, 109:4, 109:10, 109:14, 113:12 gathered [1] - 36:17 general [4] - 5:24, 6:3, 9:2, 45:21 generation [1] - 39:1 generator [1] - 39:5 GIN [2] - 106:17, 106:24 given [7] - 40:18, 75:22, 76:13, 79:14, 88:8, 90:20, 117:13 glow [1] - 63:18 glowing [1] - 63:21 goal [1] - 102:20 Google [2] - 106:20, 106:21 grade [13] - 11:9, 12:2, 16:7, 19:23, 21:7, 21:14, 21:17, 35:2, 35:5, 35:6, 46:7, 64:14, 94:22 grade-wise [1] - 35:5 graduated [1] - 7:19 graphic [1] - 74:4 grass [3] - 44:23, 46:17, 83:15 gravel [7] - 38:22, 44:21, 44:25, 45:2, 45:6, 46:16, 47:25 great [4] - 12:15, 15:5, 118:1, 118:24 greater [3] - 30:24, 33:18, 33:25 green [1] - 26:18 greenery [1] - 105:1 GREGORY [1] - 1:10 grid [2] - 20:16, 20:22 ground [20] - 22:14, 22:16, 22:22, 23:9, 24:11, 31:15, 32:3, 32:4, 32:7, 45:15, 63:7, 64:20, 64:24, 80:25, 81:11, 94:20, 112:5, 115:2, 115:4 guess [20] - 10:7, 14:5, 14:6, 16:9, 22:21, 44:7, 46:13, 47:24, 48:15, 56:19, 58:8, 61:1, 61:21, 78:19, 92:11, 104:7, 109:25, 110:6, 110:18 guidance [2] - 80:6, 80:7 guys [1] - 32:17</p>	<p style="text-align: center;">H</p> <p>H-A-D-E-R-T-H-A-U-E-R [1] - 104:5 Haderthauer [2] - 3:12, 103:24 HADERTHAUER [7] - 103:24, 104:4, 104:10, 104:12, 104:22, 105:15, 105:18 HAGGLE [1] - 22:21 HAGL [2] - 22:14, 22:23 half [4] - 19:17, 96:25, 97:3, 97:6 halo [1] - 63:18 hand [4] - 6:21, 17:24, 29:8, 29:11 handout [1] - 64:17 happy [1] - 14:21 hard [7] - 25:17, 32:16, 34:13, 58:9, 81:12, 112:23, 113:5 HAROLD [1] - 1:18 head [3] - 14:6, 32:19, 90:23 hear [10] - 4:16, 5:10, 28:19, 32:22, 43:8, 68:16, 74:13, 78:3, 100:5, 103:16 heard [2] - 26:13, 78:7 hearing [9] - 32:17, 34:13, 58:10, 78:6, 80:9, 80:10, 100:23, 103:14, 112:24 hearings [1] - 5:21 height [33] - 11:23, 16:5, 16:6, 18:4, 21:23, 22:14, 22:16, 22:22, 34:20, 36:16, 37:1, 37:5, 37:7, 52:5, 55:22, 56:16, 62:16, 63:6, 64:1, 64:4, 64:7, 64:9, 64:12, 64:22, 70:20, 71:12, 72:8, 76:24, 85:24, 87:10, 87:11, 88:9, 109:12 heights [1] - 24:9 helpful [3] - 15:4, 59:18, 60:1 helps [1] - 42:3 hereby [1] - 120:5 hi [2] - 100:2, 107:7 high [6] - 20:13, 22:4, 23:17, 31:16, 63:7, 63:10 higher [7] - 51:20,</p>
<p style="text-align: center;">F</p> <p>face [30] - 11:5, 26:15, 27:1, 27:3, 27:17, 30:18, 30:21, 31:12, 31:17, 36:12, 41:18, 41:19, 41:25, 42:1, 57:21, 57:24, 60:19, 60:22, 61:14, 62:20, 62:22, 84:1, 90:2, 96:12, 97:8, 97:9, 112:6, 115:17 faced [1] - 4:5 faces [7] - 11:4, 11:12, 11:20, 23:13, 43:12, 57:17 facing [7] - 20:3, 36:12, 59:3, 61:2, 61:17, 61:22, 101:2 fact [6] - 19:1, 55:23, 78:9, 87:12, 87:18, 88:8 faded [1] - 59:9 fail [2] - 42:16, 101:25</p>	<p style="text-align: center;">G</p> <p>GARY [1] - 1:12 gas [14] - 14:7, 14:8,</p>			

<p>52:15, 52:24, 64:4, 87:16, 88:22, 116:24</p> <p>Highway [2] - 9:17, 10:19</p> <p>highway [3] - 102:13, 108:16, 108:24</p> <p>himself [1] - 4:23</p> <p>hit [2] - 65:21, 86:3</p> <p>Ho [2] - 2:18</p> <p>Ho-Ho-Kus [1] - 2:18</p> <p>hold [1] - 32:15</p> <p>holding [1] - 76:23</p> <p>holds [1] - 46:9</p> <p>homes [3] - 69:15, 104:16, 105:4</p> <p>hopefully [2] - 6:7, 103:7</p> <p>horizontal [2] - 21:9, 63:23</p> <p>hot [1] - 113:10</p> <p>hour's [1] - 72:17</p> <p>human [1] - 98:1</p> <p>hundred [2] - 65:16, 98:23</p>	<p>39:20, 43:13, 43:25, 65:5, 68:15, 69:5, 69:8, 70:24, 71:10, 72:4, 72:5, 72:7, 72:17, 72:20, 78:9, 78:18, 78:20, 102:15, 109:22, 112:3, 114:20, 114:22, 114:24</p> <p>impacted [3] - 30:20, 71:16, 113:1</p> <p>impacts [4] - 32:4, 34:6, 38:13, 38:15</p> <p>imperv [1] - 46:14</p> <p>impervious [15] - 38:24, 44:24, 45:1, 45:6, 46:22, 47:11, 47:13, 47:16, 47:25, 48:13, 48:22, 49:6, 49:7, 49:22</p> <p>importance [1] - 32:21</p> <p>improvements [5] - 10:14, 18:5, 35:10, 38:11, 48:19</p> <p>IN [1] - 1:3</p> <p>inaudible [1] - 60:9</p> <p>Inc [1] - 2:19</p> <p>inch [2] - 11:6, 58:5</p> <p>inches [9] - 11:5, 23:21, 23:23, 50:19, 54:13, 54:14, 76:24, 77:8, 86:8</p> <p>include [1] - 66:3</p> <p>included [3] - 48:16, 49:13, 66:6</p> <p>including [4] - 24:9, 35:10, 66:2, 91:12</p> <p>increase [3] - 38:24, 46:11, 48:1</p> <p>increasing [1] - 44:24</p> <p>indicate [1] - 20:18</p> <p>indicated [7] - 5:17, 25:15, 40:1, 86:25, 87:5, 87:15, 102:11</p> <p>individual [2] - 26:19, 85:14</p> <p>individual's [1] - 88:22</p> <p>industry [3] - 27:22, 32:25, 33:16</p> <p>influence [3] - 31:20, 62:15, 112:11</p> <p>information [4] - 49:15, 66:11, 80:4, 114:14</p> <p>INGLIMA [2] - 2:17, 2:17</p> <p>ingress/egress [1] - 10:20</p> <p>inside [12] - 13:24,</p>	<p>51:23, 52:3, 52:12, 52:13, 53:6, 53:15, 53:19, 55:20, 57:5, 65:22, 115:25</p> <p>intact [1] - 17:9</p> <p>intended [9] - 11:20, 27:4, 58:10, 58:14, 58:15, 58:17, 58:20, 62:12</p> <p>intense [1] - 80:17</p> <p>intensity [5] - 27:17, 40:14, 40:17, 41:8, 42:5</p> <p>intent [2] - 27:19, 111:11</p> <p>interest [2] - 120:8, 120:9</p> <p>interpret [1] - 47:25</p> <p>interpretation [1] - 49:4</p> <p>interrupt [1] - 12:22</p> <p>interrupts [1] - 103:15</p> <p>involved [2] - 77:10, 120:8</p> <p>ISAAC [1] - 1:15</p> <p>issue [4] - 42:18, 56:8, 114:18</p> <p>issues [4] - 35:15, 38:16, 44:17, 56:5</p> <p>it'll [1] - 106:9</p> <p>item [2] - 4:2, 43:20</p> <p>items [2] - 38:15, 77:24</p> <p>itself [7] - 46:12, 48:11, 81:21, 91:2, 102:13, 114:3, 114:10</p>	<p style="text-align: center;">K</p> <p>keep [4] - 27:22, 63:23, 103:16, 104:22</p> <p>keeping [1] - 63:21</p> <p>keys [2] - 81:11, 81:12</p> <p>kicks [1] - 61:7</p> <p>kind [5] - 38:5, 61:7, 63:20, 76:1, 107:18</p> <p>knows [2] - 42:12, 98:7</p> <p>Kus [1] - 2:18</p>	<p>length [3] - 21:13, 97:6, 97:10</p> <p>less [6] - 30:23, 42:1, 63:13, 112:1, 115:5, 116:24</p> <p>level [21] - 21:18, 22:14, 22:16, 22:22, 23:10, 24:12, 32:3, 33:14, 33:18, 33:25, 41:14, 52:3, 52:18, 79:22, 80:25, 94:20, 112:21, 113:13, 114:15, 115:1</p> <p>levels [15] - 27:16, 27:22, 31:21, 32:5, 33:10, 33:13, 34:6, 42:17, 43:13, 65:6, 66:13, 66:14, 71:16, 71:18, 114:25</p> <p>license [1] - 8:3</p> <p>License [1] - 120:15</p> <p>licensed [1] - 8:2</p> <p>life [1] - 49:19</p> <p>light [69] - 26:17, 27:2, 27:14, 27:16, 27:22, 31:21, 32:5, 32:22, 33:10, 33:13, 33:14, 33:18, 33:22, 34:6, 34:9, 40:14, 40:15, 40:20, 40:22, 40:25, 41:2, 42:11, 42:14, 42:17, 43:12, 43:13, 62:12, 63:2, 63:11, 63:20, 64:3, 64:25, 65:6, 65:12, 65:18, 66:4, 66:5, 66:13, 66:14, 68:23, 71:16, 71:18, 80:22, 81:2, 81:3, 81:24, 82:2, 95:9, 102:14, 102:15, 109:4, 109:8, 110:1, 110:7, 111:1, 111:2, 111:11, 111:18, 112:3, 112:13, 112:14, 113:6, 113:7, 114:15, 114:20, 114:22, 114:25, 115:1</p> <p>Lighting [4] - 3:21, 29:1, 29:12, 30:5</p> <p>lighting [22] - 26:7, 26:8, 26:9, 26:19, 27:9, 28:9, 30:21, 32:6, 62:15, 68:25, 69:1, 69:3, 69:9, 73:4, 80:21, 100:18, 109:21, 109:22, 110:15, 111:8, 114:13</p>
I			L	
<p>ID [2] - 3:18, 9:10</p> <p>ID.#50094914 [1] - 120:4</p> <p>idea [2] - 60:2, 60:6</p> <p>ideal [1] - 101:19</p> <p>identical [1] - 60:24</p> <p>identification [2] - 18:20, 30:7</p> <p>identified [2] - 9:22, 10:9</p> <p>identify [3] - 10:6, 15:22, 37:18</p> <p>illuminate [1] - 113:9</p> <p>illumination [1] - 43:24</p> <p>image [14] - 19:18, 26:20, 26:24, 31:6, 31:20, 36:12, 37:14, 41:12, 58:25, 59:2, 76:14, 77:1, 77:3, 87:16</p> <p>imagery [1] - 23:5</p> <p>images [4] - 42:9, 74:11, 74:16, 76:6</p> <p>imagine [2] - 82:4, 109:18</p> <p>imagines [1] - 31:1</p> <p>immediate [3] - 90:24, 91:14, 95:7</p> <p>impact [31] - 31:23, 33:7, 33:9, 34:19, 39:3, 39:4, 39:19,</p>	<p>IN [1] - 1:3</p> <p>inaudible [1] - 60:9</p> <p>Inc [1] - 2:19</p> <p>inch [2] - 11:6, 58:5</p> <p>inches [9] - 11:5, 23:21, 23:23, 50:19, 54:13, 54:14, 76:24, 77:8, 86:8</p> <p>include [1] - 66:3</p> <p>included [3] - 48:16, 49:13, 66:6</p> <p>including [4] - 24:9, 35:10, 66:2, 91:12</p> <p>increase [3] - 38:24, 46:11, 48:1</p> <p>increasing [1] - 44:24</p> <p>indicate [1] - 20:18</p> <p>indicated [7] - 5:17, 25:15, 40:1, 86:25, 87:5, 87:15, 102:11</p> <p>individual [2] - 26:19, 85:14</p> <p>individual's [1] - 88:22</p> <p>industry [3] - 27:22, 32:25, 33:16</p> <p>influence [3] - 31:20, 62:15, 112:11</p> <p>information [4] - 49:15, 66:11, 80:4, 114:14</p> <p>INGLIMA [2] - 2:17, 2:17</p> <p>ingress/egress [1] - 10:20</p> <p>inside [12] - 13:24,</p>	<p>51:23, 52:3, 52:12, 52:13, 53:6, 53:15, 53:19, 55:20, 57:5, 65:22, 115:25</p> <p>intact [1] - 17:9</p> <p>intended [9] - 11:20, 27:4, 58:10, 58:14, 58:15, 58:17, 58:20, 62:12</p> <p>intense [1] - 80:17</p> <p>intensity [5] - 27:17, 40:14, 40:17, 41:8, 42:5</p> <p>intent [2] - 27:19, 111:11</p> <p>interest [2] - 120:8, 120:9</p> <p>interpret [1] - 47:25</p> <p>interpretation [1] - 49:4</p> <p>interrupt [1] - 12:22</p> <p>interrupts [1] - 103:15</p> <p>involved [2] - 77:10, 120:8</p> <p>ISAAC [1] - 1:15</p> <p>issue [4] - 42:18, 56:8, 114:18</p> <p>issues [4] - 35:15, 38:16, 44:17, 56:5</p> <p>it'll [1] - 106:9</p> <p>item [2] - 4:2, 43:20</p> <p>items [2] - 38:15, 77:24</p> <p>itself [7] - 46:12, 48:11, 81:21, 91:2, 102:13, 114:3, 114:10</p>	<p>lady [1] - 107:16</p> <p>Lake [1] - 2:12</p> <p>land [1] - 7:21</p> <p>landscape [2] - 81:2, 81:3</p> <p>lane [6] - 75:3, 75:11, 75:15, 75:16, 75:23, 76:3</p> <p>lanes [7] - 57:20, 74:7, 74:10, 74:15, 75:1, 75:6</p> <p>larger [5] - 75:12, 75:18, 76:1, 87:13, 88:11</p> <p>Last [1] - 30:5</p> <p>last [18] - 3:21, 5:23, 24:23, 26:13, 29:22, 29:23, 37:23, 39:10, 48:12, 78:24, 80:9, 83:12, 100:10, 103:13, 104:3, 106:10, 108:14</p> <p>LAURA [2] - 120:3, 120:14</p> <p>LAW [2] - 2:14, 2:17</p> <p>least [2] - 38:4, 65:21</p> <p>leave [1] - 4:14</p> <p>leaves [1] - 17:8</p> <p>leaving [1] - 4:21</p> <p>LEBOW [1] - 1:15</p> <p>LED [9] - 5:20, 6:1, 11:4, 11:5, 26:17, 27:5, 27:13, 63:17, 63:21</p> <p>LED-sign [2] - 11:4, 11:5</p> <p>LEDs [1] - 64:1</p> <p>left [13] - 20:5, 21:7, 60:12, 61:2, 76:22, 82:23, 85:18, 91:9, 91:11, 91:14, 91:21, 91:25, 110:11</p>	<p style="text-align: center;">J</p> <p>Jane [1] - 118:3</p> <p>JANE [1] - 2:2</p> <p>Jason [1] - 77:17</p> <p>JASON [1] - 1:17</p> <p>Jersey [18] - 1:23, 2:8, 2:12, 2:15, 2:18, 7:3, 7:9, 8:3, 8:8, 9:17, 10:19, 106:17, 106:24, 120:4, 120:5, 120:7, 120:10, 120:15</p> <p>JONATHAN [1] - 1:14</p> <p>JR [2] - 2:17, 2:17</p> <p>JUNE [1] - 1:2</p> <p>June [3] - 3:19, 17:22, 18:19</p> <p>Justin [1] - 6:10</p>

<p>lights [1] - 41:17, 42:6, 57:14, 58:2, 61:24, 71:20, 104:18, 109:1, 109:15, 111:14, 113:9</p> <p>limit [7] - 30:21, 31:9, 33:17, 47:19, 63:25, 65:5, 71:15</p> <p>limitations [1] - 79:17</p> <p>limited [1] - 40:16</p> <p>line [45] - 12:6, 12:9, 12:12, 12:14, 18:3, 19:21, 19:25, 20:21, 21:12, 24:14, 24:15, 25:21, 25:25, 30:21, 30:22, 30:23, 30:24, 31:14, 34:5, 48:12, 58:24, 60:20, 60:22, 65:7, 80:25, 81:4, 84:10, 90:19, 92:8, 95:3, 95:4, 95:6, 95:8, 95:18, 95:19, 96:10, 96:13, 96:21, 96:25, 97:3, 97:5, 97:6, 101:15</p> <p>lines [4] - 20:17, 43:5, 94:19, 110:15</p> <p>lit [1] - 63:19</p> <p>live [3] - 103:25, 108:16, 108:23</p> <p>lives [1] - 111:7</p> <p>LLC [4] - 1:5, 1:22, 2:16, 4:2</p> <p>located [8] - 9:17, 9:21, 9:23, 15:25, 27:10, 31:10, 37:7, 66:25</p> <p>located.. [1] - 80:23</p> <p>locates [1] - 19:17</p> <p>location [15] - 6:1, 9:10, 15:25, 16:11, 17:4, 36:18, 36:19, 37:3, 37:17, 38:9, 53:24, 61:7, 68:6, 83:21</p> <p>logging [1] - 42:17</p> <p>look [21] - 15:23, 21:3, 36:15, 36:25, 47:10, 54:5, 55:21, 65:24, 67:3, 69:7, 80:5, 81:6, 90:24, 95:3, 96:11, 96:12, 97:1, 105:3, 105:4, 106:24</p> <p>looked [2] - 69:4, 73:4</p> <p>looking [30] - 18:6, 20:2, 20:3, 46:25, 51:5, 51:7, 51:16, 52:9, 52:17, 52:18, 52:25, 57:9, 58:23,</p>	<p>61:19, 69:9, 69:10, 71:19, 71:21, 78:9, 81:13, 81:17, 84:13, 89:22, 89:25, 95:4, 95:16, 104:6, 115:15, 115:16, 118:5</p> <p>looks [1] - 47:4</p> <p>lose [2] - 56:21, 57:1</p> <p>lost [1] - 56:25</p> <p>Lou [1] - 5:15</p> <p>louder [1] - 4:18</p> <p>LOUIS [1] - 2:10</p> <p>louvers [6] - 26:25, 57:22, 59:25, 63:15, 63:21</p> <p>lower [5] - 35:4, 35:5, 52:17, 59:25</p> <p>lowest [1] - 86:2</p> <p>lumens [1] - 41:9</p>	<p>maximize [1] - 102:21</p> <p>maximum [9] - 30:19, 42:21, 48:12, 48:25, 97:19, 97:21, 97:25, 101:15, 102:2</p> <p>MAXWELL [1] - 1:18</p> <p>Maywood [2] - 2:15, 77:11</p> <p>MCDONNELL [1] - 2:7</p> <p>mean [28] - 14:20, 35:5, 46:15, 46:17, 46:21, 51:5, 53:15, 56:1, 57:2, 58:20, 60:18, 63:8, 68:22, 68:25, 69:24, 79:5, 79:7, 86:5, 88:1, 91:6, 91:14, 96:17, 98:4, 98:10, 104:18, 111:11, 116:22</p> <p>meant [3] - 22:17, 87:8, 91:25</p> <p>measurable [1] - 32:3</p> <p>measure [3] - 55:8, 60:13, 60:25</p> <p>measured [6] - 24:20, 31:12, 63:9, 93:20, 94:20, 94:21</p> <p>measurement [4] - 25:2, 66:6, 82:3, 82:9</p> <p>measurements [3] - 24:4, 36:16, 66:5</p> <p>measuring [3] - 27:16, 116:9, 116:10</p> <p>MEDIA [1] - 1:5</p> <p>Media [1] - 4:2</p> <p>MEESE [1] - 2:10</p> <p>meet [1] - 84:11</p> <p>meeting [10] - 4:14, 4:21, 19:11, 24:24, 37:23, 39:11, 53:20, 53:21, 59:15, 73:23</p> <p>meetings [1] - 59:15</p> <p>Member [1] - 91:19</p> <p>member [3] - 85:23, 86:8, 88:10</p> <p>MEMBER [6] - 1:13, 1:14, 1:15, 1:16, 1:17, 1:18</p> <p>members [9] - 8:13, 8:15, 8:17, 19:3, 73:17, 77:18, 99:9, 113:20</p> <p>mentioned [4] - 12:16, 37:24, 73:21, 112:15</p> <p>message [2] - 4:5, 5:21</p> <p>meter [10] - 27:14, 27:15, 40:22, 40:25, 41:2, 42:11, 42:15,</p>	<p>109:9, 112:3, 112:8</p> <p>methodology [1] - 78:12</p> <p>mic [2] - 100:5, 114:7</p> <p>MICHAEL [1] - 1:16</p> <p>Michael [2] - 4:18, 4:25</p> <p>microphone [3] - 5:10, 28:19, 32:16</p> <p>Microsoft [2] - 37:24, 37:25</p> <p>middle [13] - 25:19, 25:20, 25:22, 25:23, 89:3, 89:15, 93:9, 93:13, 93:20, 93:23, 101:4, 108:5</p> <p>midnight [1] - 42:12</p> <p>might [6] - 36:18, 50:1, 50:2, 74:17, 99:10, 106:12</p> <p>mine [1] - 18:8</p> <p>minimum [1] - 42:21</p> <p>minor [3] - 46:11, 48:1</p> <p>minute [1] - 117:10</p> <p>minutes [2] - 117:10, 118:18</p> <p>misspoke [1] - 93:8</p> <p>mixed [1] - 7:23</p> <p>model [1] - 24:7</p> <p>monitor [2] - 28:5, 81:17</p> <p>monitored [2] - 42:7, 42:8</p> <p>monitoring [2] - 28:4, 41:3</p> <p>months [2] - 104:13, 104:25</p> <p>most [5] - 11:16, 12:12, 75:3, 92:11, 107:1</p> <p>motoring [1] - 11:21</p> <p>mounted [1] - 57:21</p> <p>move [4] - 87:22, 88:12, 99:7</p> <p>moved [1] - 16:9</p> <p>moving [3] - 4:1, 22:8, 92:1</p> <p>MR [276] - 4:11, 4:13, 4:19, 5:3, 5:13, 5:15, 6:19, 6:21, 7:1, 7:5, 7:7, 7:10, 7:11, 7:13, 8:11, 8:12, 8:16, 8:17, 8:20, 8:25, 9:11, 9:13, 12:20, 12:24, 13:3, 13:6, 14:3, 14:9, 14:14, 14:17, 14:20, 15:2, 15:7, 18:6, 18:10, 18:11, 18:16, 18:21, 18:22, 18:25, 19:10,</p>	<p>19:13, 20:14, 25:14, 26:5, 28:13, 28:18, 28:21, 28:23, 29:8, 29:15, 30:8, 32:15, 32:18, 33:19, 34:15, 34:16, 39:20, 39:24, 40:3, 40:6, 40:7, 40:10, 40:11, 40:24, 41:7, 42:4, 42:20, 43:3, 43:7, 43:14, 43:17, 43:20, 44:2, 44:4, 44:5, 44:11, 45:8, 45:12, 45:16, 46:5, 47:9, 47:21, 48:21, 49:3, 49:9, 49:17, 50:3, 53:13, 54:5, 55:16, 55:19, 56:3, 56:7, 56:20, 59:12, 59:21, 59:24, 60:3, 60:16, 62:18, 62:21, 63:1, 63:24, 64:7, 64:11, 64:16, 64:21, 65:8, 66:1, 66:10, 66:15, 66:20, 67:2, 67:7, 67:11, 67:14, 67:19, 67:22, 67:25, 68:2, 68:4, 68:12, 68:16, 68:22, 69:2, 69:18, 69:23, 69:25, 70:7, 70:13, 70:16, 70:19, 70:22, 71:4, 71:11, 71:17, 71:23, 71:25, 72:1, 72:2, 72:10, 72:14, 72:22, 72:23, 73:2, 73:7, 73:13, 73:14, 73:19, 74:1, 74:6, 74:10, 74:12, 74:15, 74:19, 75:10, 75:16, 75:21, 76:5, 76:12, 77:1, 77:10, 77:15, 77:23, 78:4, 79:4, 79:10, 80:2, 80:6, 82:15, 82:20, 83:7, 83:10, 83:11, 83:17, 84:14, 84:16, 84:19, 84:23, 84:24, 85:4, 85:7, 85:9, 85:11, 86:11, 86:15, 86:18, 86:20, 87:24, 88:2, 88:4, 88:7, 88:16, 88:18, 90:4, 90:7, 90:9, 90:12, 91:1, 91:8, 94:10, 94:12, 94:23, 97:13, 97:17, 97:22, 97:24, 98:3, 98:11, 98:18, 99:4, 99:14, 99:18, 99:20, 100:2, 100:7, 100:11, 100:20, 100:24, 101:3,</p>
M		<p>Mack [1] - 2:11</p> <p>Mack-Cali [1] - 2:11</p> <p>magnitude [1] - 81:20</p> <p>Main [1] - 2:8</p> <p>maintained [1] - 42:7</p> <p>maintenance [1] - 39:8</p> <p>major [1] - 4:3</p> <p>majority [1] - 110:13</p> <p>malfunction [2] - 42:22, 42:25</p> <p>manager [1] - 5:24</p> <p>manufacturer [4] - 114:4, 114:11, 114:13, 114:16</p> <p>map [6] - 30:14, 30:15, 105:25, 106:6, 106:19, 107:19</p> <p>mapping [1] - 23:5</p> <p>Maps [2] - 106:20, 106:21</p> <p>maps [1] - 107:17</p> <p>mark [4] - 17:19, 18:9, 18:16, 18:17</p> <p>marked [8] - 10:3, 18:19, 21:9, 28:13, 28:16, 30:7, 30:15, 90:5</p> <p>markings [3] - 18:7, 20:22, 20:25</p> <p>marks [2] - 20:16, 20:22</p> <p>matter [3] - 41:20, 74:18, 119:9</p> <p>MATTER [1] - 1:3</p> <p>MATTHEW [1] - 1:11</p>		

<p>101:7, 101:11, 101:14, 101:21, 101:25, 102:7, 102:18, 102:22, 103:2, 103:3, 103:5, 103:7, 103:9, 103:10, 103:12, 104:20, 105:6, 105:11, 105:14, 105:16, 106:2, 106:5, 106:9, 106:16, 106:21, 106:23, 107:3, 107:21, 108:2, 108:4, 108:11, 108:15, 108:18, 108:19, 108:20, 108:21, 108:22, 108:23, 109:15, 109:20, 109:25, 110:2, 113:25, 114:2, 114:8, 114:9, 117:5, 117:9, 117:16, 117:19, 117:22, 118:17, 118:20, 118:23, 119:4</p> <p>MS [105] - 25:8, 25:11, 25:13, 25:17, 25:24, 29:4, 29:6, 32:20, 33:9, 33:11, 33:21, 34:2, 34:7, 34:11, 44:13, 44:25, 45:4, 45:10, 45:18, 45:22, 45:25, 46:2, 46:8, 46:13, 46:19, 47:6, 47:8, 47:14, 47:22, 48:3, 48:8, 48:15, 49:8, 49:11, 50:5, 50:13, 50:17, 50:21, 51:1, 51:8, 51:14, 51:19, 51:25, 52:6, 52:9, 52:13, 52:21, 52:24, 53:3, 53:8, 53:18, 54:7, 55:10, 56:6, 56:10, 56:19, 56:21, 57:8, 57:12, 57:25, 58:8, 58:15, 59:5, 59:7, 59:10, 59:19, 59:23, 60:2, 60:5, 60:11, 60:25, 61:16, 61:21, 62:4, 62:7, 62:11, 86:13, 103:24, 104:4, 104:10, 104:12, 104:22, 105:15, 105:18, 107:7, 107:11, 107:14, 108:9, 110:4, 110:11, 110:18, 110:24, 111:7,</p>	<p>111:12, 111:17, 111:21, 111:25, 112:8, 112:12, 112:22, 113:5, 113:15, 113:19, 118:7, 118:11</p> <p>multi [2] - 4:5, 5:21</p> <p>multi-message [2] - 4:5, 5:21</p> <p>mumbling [1] - 32:22</p> <p>must [1] - 55:24</p> <hr/> <p style="text-align: center;">N</p> <hr/> <p>nail [1] - 80:11</p> <p>name [10] - 7:6, 90:16, 99:24, 100:10, 103:22, 104:3, 107:10, 108:14</p> <p>narrower [1] - 11:17</p> <p>near [1] - 52:3</p> <p>nearest [1] - 12:10</p> <p>necessary [1] - 80:5</p> <p>need [4] - 28:18, 73:11, 92:12, 118:3</p> <p>needed [1] - 119:1</p> <p>needs [1] - 17:5</p> <p>NEGRYCY [1] - 1:12</p> <p>neighborhood [1] - 104:15</p> <p>never [2] - 31:3, 53:5</p> <p>New [19] - 1:23, 2:8, 2:12, 2:15, 2:18, 7:3, 7:9, 8:3, 8:8, 9:17, 10:18, 49:20, 106:17, 106:24, 120:4, 120:5, 120:7, 120:10, 120:15</p> <p>new [2] - 117:25, 118:3</p> <p>Newark [2] - 7:3, 7:9</p> <p>next [17] - 4:1, 5:20, 19:11, 44:2, 44:5, 54:23, 70:9, 83:2, 83:15, 85:3, 85:14, 89:17, 89:21, 99:4, 99:7, 117:14, 118:13</p> <p>night [7] - 27:22, 41:20, 41:21, 41:23, 108:25, 109:17</p> <p>nighttime [2] - 27:20, 65:11</p> <p>nine [2] - 50:19</p> <p>NO [1] - 3:18</p> <p>nobody [1] - 110:1</p> <p>nonconforming [1] - 4:8</p> <p>none [2] - 77:21, 113:23</p>	<p>Nonverbal [1] - 94:9</p> <p>noon [1] - 33:22</p> <p>normally [3] - 95:9, 109:7, 117:12</p> <p>north [19] - 10:1, 10:21, 11:8, 19:20, 20:6, 20:10, 21:13, 22:1, 22:9, 34:19, 36:12, 60:22, 61:10, 61:14, 75:6, 95:4, 95:17, 96:12, 97:8</p> <p>North [4] - 3:15, 108:12, 108:20, 108:21</p> <p>northbound [8] - 11:22, 35:1, 35:7, 61:9, 61:12, 61:20, 62:3, 75:2</p> <p>Notary [4] - 120:3, 120:4, 120:15, 120:15</p> <p>notation [1] - 23:1</p> <p>noted [2] - 5:22, 119:10</p> <p>nothing [6] - 6:25, 14:24, 34:8, 46:3, 113:16, 113:17</p> <p>notice [2] - 109:1, 119:1</p> <p>noticeable [2] - 113:16, 113:17</p> <p>noticed [1] - 36:9</p> <p>November [2] - 104:16, 105:19</p> <p>number [15] - 9:8, 10:8, 15:16, 21:1, 41:9, 48:10, 49:2, 49:4, 69:16, 83:9, 86:5, 90:6, 98:21, 110:22</p> <p>numbering [1] - 116:3</p> <p>numbers [2] - 47:16, 50:7</p> <p>numerous [1] - 34:21</p> <hr/> <p style="text-align: center;">O</p> <hr/> <p>oath [1] - 120:6</p> <p>OB-2 [7] - 1:6, 4:9, 9:23, 48:13, 67:12, 67:14, 67:16</p> <p>object [2] - 36:10, 87:24</p> <p>objection [3] - 8:16, 86:22, 91:1</p> <p>objective [1] - 79:2</p> <p>objector [1] - 35:22</p> <p>Objector [5] - 2:16, 82:17, 82:22, 86:12,</p>	<p>88:17</p> <p>objector's [1] - 115:8</p> <p>Objector's [2] - 36:1, 115:17</p> <p>Objectors [1] - 2:19</p> <p>objects [1] - 35:14</p> <p>obstruction [1] - 105:20</p> <p>obstructions [4] - 57:5, 97:19, 98:2, 101:18</p> <p>obtained [1] - 23:6</p> <p>obviously [1] - 45:5</p> <p>occasions [2] - 9:6, 15:17</p> <p>OF [8] - 1:1, 1:1, 1:3, 1:4, 1:8, 2:14, 2:17</p> <p>office [4] - 10:10, 16:8, 16:18, 88:21</p> <p>office@</p> <p>quickreporters.com [1] - 1:24</p> <p>offices [1] - 23:10</p> <p>OFFICES [2] - 2:14, 2:17</p> <p>on-site [2] - 15:24, 20:9</p> <p>once [2] - 61:10, 86:6</p> <p>oncoming [1] - 101:2</p> <p>one [62] - 5:22, 5:23, 6:7, 10:16, 11:1, 11:7, 11:8, 18:17, 26:23, 27:5, 28:15, 28:16, 29:7, 30:18, 32:21, 33:4, 33:15, 39:5, 43:20, 47:4, 49:20, 49:21, 54:8, 56:2, 56:3, 56:20, 58:5, 59:10, 59:15, 60:8, 60:12, 60:13, 61:2, 61:11, 61:16, 61:17, 63:16, 66:3, 70:1, 71:25, 72:20, 76:18, 76:19, 79:11, 79:13, 80:14, 81:25, 82:23, 85:10, 86:13, 92:23, 92:25, 93:15, 95:2, 97:15, 106:10, 106:11, 115:5, 116:16</p> <p>ones [1] - 74:22</p> <p>open [1] - 99:8</p> <p>opened [1] - 55:19</p> <p>opening [2] - 11:17, 12:17</p> <p>operate [1] - 27:11</p> <p>operates [3] - 6:2, 27:24, 27:25</p> <p>operating [1] - 56:4</p> <p>operation [1] - 4:4</p>	<p>operational [2] - 27:9, 112:19</p> <p>opine [1] - 56:1</p> <p>opined [1] - 55:23</p> <p>opinion [6] - 8:23, 49:5, 55:25, 56:2, 68:14, 89:4</p> <p>opportunity [2] - 19:3, 19:7</p> <p>optimal [3] - 59:4, 59:5, 59:8</p> <p>order [3] - 81:20, 90:24, 92:10</p> <p>ordinance [1] - 81:2</p> <p>oriented [2] - 11:20, 102:12</p> <p>original [5] - 29:24, 29:25, 36:19, 49:4, 49:5</p> <p>originally [1] - 47:3</p> <p>outcome [1] - 120:9</p> <p>outdoor [1] - 5:18</p> <p>Outdoor [1] - 33:1</p> <p>OUTFRONT [1] - 1:5</p> <p>Outfront [4] - 4:2, 5:16, 5:25, 15:19</p> <p>Outfront's [1] - 5:17</p> <p>outline [2] - 30:20, 94:14</p> <p>outlined [2] - 9:19, 30:17</p> <p>output [1] - 95:24</p> <p>outside [6] - 14:2, 65:25, 67:8, 67:9, 67:11, 68:21</p> <p>overall [5] - 16:6, 21:23, 64:9, 87:10, 87:11</p> <p>overcast [1] - 40:19</p> <p>overgrown [1] - 44:23</p> <p>overlap [3] - 111:2, 111:14, 113:7</p> <p>overlaps [1] - 60:21</p> <p>oversaw [1] - 9:5</p> <hr/> <p style="text-align: center;">P</p> <hr/> <p>P.C [1] - 2:10</p> <p>p.m [3] - 33:23, 119:2, 119:10</p> <p>P.M [1] - 1:2</p> <p>pad [2] - 45:6, 45:9</p> <p>pads [1] - 44:22</p> <p>page [4] - 9:21, 19:17, 30:17, 36:21</p> <p>PAGE [1] - 3:3</p> <p>pages [1] - 85:8</p> <p>Paint [2] - 37:25</p> <p>paint [1] - 76:2</p>
--	---	---	---	---

<p>pan [1] - 48:7</p> <p>panel [19] - 15:20, 16:3, 16:4, 26:14, 26:21, 26:25, 59:16, 59:21, 76:9, 76:22, 77:8, 85:2, 85:15, 85:19, 85:24, 86:2, 87:20, 88:9, 116:7</p> <p>panels [1] - 26:17</p> <p>Papietro [1] - 3:7</p> <p>PAPIETRO [24] - 1:14, 40:6, 40:11, 40:24, 41:7, 42:4, 42:20, 43:3, 43:7, 43:14, 43:17, 43:20, 44:4, 44:11, 63:1, 63:24, 64:7, 64:11, 64:16, 64:21, 65:8, 66:1, 66:10, 66:15</p> <p>parabola [13] - 28:9, 28:14, 65:5, 94:15, 94:17, 94:18, 96:24, 102:15, 102:16, 114:3, 114:4, 114:10, 114:11</p> <p>parabolas [3] - 30:18, 30:19, 60:17</p> <p>parallel [1] - 58:23</p> <p>parcel [1] - 9:19</p> <p>park [2] - 13:16, 14:1</p> <p>Park [2] - 7:3, 7:9</p> <p>parking [4] - 23:9, 39:1, 81:10, 113:9</p> <p>part [10] - 12:12, 61:12, 69:13, 89:3, 89:4, 90:14, 90:15, 90:17, 90:21, 91:10</p> <p>participation [1] - 15:13</p> <p>particular [3] - 53:23, 61:6, 102:1</p> <p>parties [1] - 120:7</p> <p>patience [1] - 5:16</p> <p>pattern [1] - 96:9</p> <p>paved [1] - 47:5</p> <p>pavement [2] - 38:23, 48:18</p> <p>PE [3] - 2:4, 3:4, 7:2</p> <p>people [2] - 58:19, 102:5</p> <p>per [2] - 42:1, 54:16</p> <p>percent [8] - 47:19, 48:2, 48:13, 48:14, 48:16, 48:24, 49:12</p> <p>perfectly [1] - 61:8</p> <p>Performance [1] - 5:19</p> <p>performed [1] - 15:17</p> <p>perhaps [1] - 66:2</p> <p>periodically [1] - 39:8</p>	<p>peripheral [1] - 51:17</p> <p>permission [1] - 79:14</p> <p>permitted [2] - 9:24, 72:8</p> <p>perpendicular [5] - 31:13, 57:19, 57:22, 57:24, 95:25</p> <p>person [2] - 73:23, 81:7</p> <p>person's [1] - 52:4</p> <p>personal [1] - 7:15</p> <p>personally [1] - 74:19</p> <p>perspective [10] - 26:8, 39:21, 39:23, 46:21, 47:12, 47:15, 70:23, 75:20, 115:14, 117:3</p> <p>perspectives [1] - 115:11</p> <p>pertaining [2] - 56:8, 66:21</p> <p>pertains [1] - 55:25</p> <p>pervious [1] - 46:15</p> <p>phone [1] - 58:21</p> <p>phonetically [1] - 22:21</p> <p>photo [10] - 13:5, 14:15, 14:23, 16:19, 20:19, 78:5, 78:12, 78:16, 78:21</p> <p>photograph [4] - 83:3, 89:16, 104:6, 104:25</p> <p>photographer [3] - 89:5, 89:14, 89:17</p> <p>photographs [1] - 104:13</p> <p>photos [4] - 15:3, 68:13, 80:3, 116:6</p> <p>Photoshop [1] - 38:2</p> <p>phrase [2] - 13:19, 94:13</p> <p>PICKHOLTZ [4] - 1:16, 4:11, 4:13, 4:19</p> <p>Pickholtz [2] - 4:22, 4:25</p> <p>picking [1] - 35:6</p> <p>picture [12] - 53:25, 54:2, 54:16, 54:23, 57:9, 59:17, 60:4, 60:7, 76:2, 76:21, 83:8, 87:2</p> <p>pictures [16] - 14:4, 53:14, 53:18, 74:2, 74:21, 76:25, 77:11, 77:12, 79:6, 79:12, 105:7, 105:8, 107:21, 108:7</p> <p>PIERSA [1] - 2:4</p> <p>pink [3] - 36:9, 86:23,</p>	<p>86:25</p> <p>pixels [1] - 64:1</p> <p>place [2] - 18:25, 112:9</p> <p>Place [2] - 7:3, 7:9</p> <p>placed [1] - 85:2</p> <p>plan [18] - 4:3, 6:9, 10:2, 10:9, 12:1, 17:25, 18:1, 38:6, 38:7, 38:16, 39:25, 44:17, 46:20, 73:3, 84:13, 100:19, 108:24, 114:16</p> <p>PLANNER [1] - 2:3</p> <p>planner [9] - 68:12, 68:17, 72:12, 72:23, 72:24, 77:25, 79:4, 79:5, 105:10</p> <p>planning [2] - 49:20, 108:17</p> <p>plans [2] - 9:7, 50:1</p> <p>playing [1] - 33:4</p> <p>plenty [1] - 89:18</p> <p>plus [5] - 21:4, 21:5, 92:2, 92:16, 92:22</p> <p>point [13] - 24:19, 47:4, 55:10, 55:12, 56:12, 63:4, 67:7, 79:12, 80:24, 86:7, 109:24, 111:3, 115:5</p> <p>pointed [4] - 41:18, 95:15, 100:24, 115:18</p> <p>pointing [5] - 59:1, 91:9, 91:10, 95:25, 96:5</p> <p>points [2] - 21:10, 86:22</p> <p>pole [24] - 4:5, 45:12, 45:13, 45:17, 45:21, 45:22, 46:3, 46:9, 82:22, 83:2, 83:14, 83:20, 83:23, 84:7, 85:2, 85:13, 85:14, 85:18, 85:19, 85:23, 86:3, 86:7, 87:20, 94:3</p> <p>portion [4] - 89:6, 91:20, 97:9, 102:2</p> <p>possible [5] - 63:23, 65:3, 65:20, 89:6, 104:24</p> <p>possibly [3] - 55:3, 55:4, 89:7</p> <p>post [3] - 32:1, 66:9</p> <p>post-construction [1] - 32:1</p> <p>potentially [4] - 31:20, 89:8, 90:2, 113:11</p> <p>power [4] - 27:20,</p>	<p>27:21, 27:25, 41:24</p> <p>practicing [1] - 7:21</p> <p>pre [1] - 66:9</p> <p>preceded [1] - 107:16</p> <p>preliminary [1] - 4:3</p> <p>preparation [1] - 9:5</p> <p>prepare [4] - 16:18, 17:15, 74:2, 114:14</p> <p>prepared [14] - 9:6, 10:2, 10:10, 15:8, 15:9, 28:9, 37:24, 38:1, 38:2, 51:12, 69:20, 72:25, 73:11, 90:5</p> <p>preparing [2] - 37:21, 74:5</p> <p>present [1] - 19:8</p> <p>PRESENT [1] - 1:9</p> <p>pressed [2] - 51:6, 81:12</p> <p>pretty [1] - 17:4</p> <p>previous [3] - 43:8, 49:19, 76:13</p> <p>previously [2] - 10:3, 38:22</p> <p>PRICE [1] - 2:10</p> <p>pricing [1] - 54:21</p> <p>principal [2] - 4:7, 7:8</p> <p>PRO [1] - 1:12</p> <p>problem [1] - 34:15</p> <p>problems [1] - 36:4</p> <p>proceed [3] - 7:5, 8:20, 19:14</p> <p>PROCEEDING [1] - 1:4</p> <p>produce [2] - 81:4, 105:12</p> <p>Professional [1] - 120:5</p> <p>professional [3] - 6:8, 6:10, 8:2</p> <p>professionals [1] - 77:22</p> <p>proffer [2] - 107:25</p> <p>profile [5] - 18:2, 20:7, 21:5, 36:17, 92:9</p> <p>program [1] - 42:9</p> <p>prohibited [1] - 4:6</p> <p>project [1] - 57:22</p> <p>projecting [1] - 100:15</p> <p>proper [1] - 16:10</p> <p>properly [1] - 47:12</p> <p>properties [1] - 73:5</p> <p>property [25] - 12:9, 12:11, 14:13, 17:15, 20:4, 61:15, 61:17, 65:7, 67:23, 68:1, 79:15, 80:25, 81:4, 83:5, 83:24, 84:2, 84:3, 84:8, 84:9,</p>	<p>95:19, 97:6, 107:20, 107:22, 108:1, 108:8</p> <p>proportional [3] - 37:2, 82:6, 116:18</p> <p>proposal [1] - 17:8</p> <p>proposed [20] - 6:1, 9:24, 10:23, 16:22, 19:17, 19:23, 20:8, 20:12, 24:25, 30:14, 37:2, 37:12, 38:4, 38:9, 54:12, 83:21, 91:7, 100:17, 116:18, 116:19</p> <p>proposing [3] - 10:24, 101:20, 102:19</p> <p>protects [1] - 58:6</p> <p>provide [7] - 35:24, 49:11, 49:14, 60:14, 66:11, 66:14, 66:18</p> <p>provided [7] - 9:9, 35:22, 39:10, 53:11, 76:7, 78:21, 120:6</p> <p>provides [2] - 62:2, 114:13</p> <p>providing [1] - 18:2</p> <p>public [12] - 6:3, 8:13, 8:18, 11:21, 19:3, 28:19, 29:9, 58:19, 99:8, 99:10, 99:22, 113:21</p> <p>Public [3] - 3:11, 120:4, 120:15</p> <p>pull [9] - 10:20, 14:23, 48:6, 53:16, 59:12, 84:15, 86:12, 90:10, 94:11</p> <p>purple [4] - 86:23, 87:1, 87:12, 88:12</p> <p>purples [1] - 41:13</p> <p>purported [1] - 36:5</p> <p>purpose [1] - 11:19</p> <p>purposely [2] - 101:21, 101:23</p> <p>purposes [1] - 10:18</p> <p>put [13] - 18:12, 18:13, 24:2, 44:8, 56:23, 58:1, 60:15, 76:15, 82:17, 103:6, 112:1, 112:5, 112:9</p> <p>putting [2] - 108:17, 108:24</p>
Q				
			<p>qualified [1] - 8:21</p> <p>Questions [2] - 3:6, 3:11</p> <p>questions [29] - 6:14, 8:11, 8:12, 19:6,</p>	

19:9, 19:11, 19:12, 40:10, 44:14, 66:20, 73:18, 77:16, 77:19, 78:7, 78:15, 78:25, 79:25, 80:10, 82:14, 94:24, 99:10, 99:12, 99:16, 99:22, 99:25, 103:4, 113:21, 113:25, 115:7 quick [2] - 12:23, 44:16 QUICK [1] - 1:22 quickly [2] - 9:16, 12:4 quote [1] - 73:21	recent [5] - 13:5, 14:23, 15:2, 106:4, 107:1 recently [1] - 73:21 recognize [2] - 68:4, 99:3 recognized [1] - 19:5 recognizes [1] - 42:11 recollection [1] - 15:12 record [11] - 4:25, 8:22, 14:15, 19:1, 22:20, 26:16, 92:22, 99:25, 103:23, 120:6 rectangular [1] - 36:10 RECUSED [1] - 1:16 recused [3] - 4:13, 4:19, 5:1 recuses [1] - 4:22 red [1] - 26:18 redirect [1] - 99:15 REDIRECT [1] - 114:1 Redirect [1] - 3:6 redo [1] - 88:4 reducing [1] - 95:23 reduction [1] - 63:17 refer [1] - 54:9 referee [1] - 120:6 reference [8] - 18:3, 19:22, 37:5, 44:1, 49:18, 54:10, 76:10, 86:6 referring [4] - 52:21, 54:18, 71:2, 76:18 reflect [3] - 4:25, 8:22, 64:2 reflected [4] - 21:14, 63:6, 64:25, 65:12 reflecting [2] - 36:19, 63:11 reflection [1] - 63:3 refrain [1] - 56:2 refresh [2] - 9:16, 15:11 regard [16] - 6:8, 9:2, 9:4, 15:10, 15:13, 17:5, 17:14, 17:16, 23:1, 24:19, 25:6, 30:11, 34:18, 35:13, 115:8 Registered [1] - 120:5 regulation [1] - 120:10 REINERTSEN [10] - 2:3, 49:17, 77:23, 78:4, 79:10, 80:6, 106:16, 106:21, 106:23, 107:3 Reinertsen [1] - 3:10 relate [3] - 20:18, 20:25, 22:9	related [2] - 120:7, 120:8 relates [4] - 21:1, 52:4, 68:9, 116:6 relating [1] - 38:17 relation [1] - 12:1 relationship [2] - 17:14, 90:14 relative [2] - 43:22, 66:6 relief [1] - 4:8 rely [1] - 77:3 remain [1] - 38:12 remaining [1] - 28:17 remember [2] - 5:9, 104:19 reminder [1] - 99:9 remnants [1] - 48:18 remotely [1] - 42:8 removal [1] - 13:20 remove [1] - 4:14 render [2] - 8:22, 16:19 rendering [1] - 60:15 renderings [1] - 74:23 repeat [1] - 13:19 repetition [1] - 103:17 rephrase [2] - 88:2, 91:24 Reporter [2] - 120:4, 120:5 REPORTER [9] - 4:15, 58:13, 75:14, 78:2, 100:9, 104:2, 107:9, 107:13, 108:13 REPORTING [1] - 1:22 represent [1] - 36:11 representation [4] - 77:4, 89:18, 91:11, 92:6 representative [1] - 16:14 represents [1] - 30:22 request [1] - 66:17 required [2] - 31:6, 79:9 requirement [1] - 34:20 reread [1] - 83:12 residence [1] - 69:15 residential [20] - 7:23, 67:4, 67:6, 67:8, 68:10, 68:20, 69:11, 69:15, 69:21, 70:4, 70:11, 71:10, 72:4, 72:7, 72:16, 72:20, 73:10, 79:13, 100:25, 101:22 residents [2] - 102:4, 114:19	respect [1] - 72:14 response [4] - 8:19, 77:20, 94:9, 113:22 responsibilities [1] - 9:2 rest [1] - 4:21 result [2] - 4:7, 24:21 review [2] - 19:7, 77:13 reviewed [2] - 26:9, 36:8 Revised [1] - 30:6 revised [3] - 3:21, 29:22, 29:23 revision [2] - 10:12, 29:2 RIDGEWOOD [2] - 1:1, 1:8 Ridgewood [5] - 3:13, 3:15, 18:21, 103:25, 108:12 right-most [1] - 75:3 right-of-way [5] - 12:6, 16:2, 36:20, 79:16, 84:5 ring [11] - 9:20, 14:2, 31:19, 61:15, 82:4, 82:8, 112:18, 114:15, 114:21, 114:22, 114:24 River [5] - 3:12, 3:14, 100:3, 100:8, 107:8 road [10] - 12:8, 34:21, 51:9, 61:3, 61:4, 61:7, 61:10, 61:24, 62:13, 74:25 Road [5] - 1:23, 3:12, 3:14, 100:3, 107:8 roadway [7] - 11:17, 20:4, 35:19, 55:18, 57:19, 65:4, 75:9 ROBERT [2] - 2:17, 2:17 Rohan [3] - 3:11, 100:2, 100:7 RONALD [1] - 2:3 roof [1] - 22:5 room [6] - 81:17, 81:21, 82:2, 88:20, 89:15, 89:18 rooms [1] - 65:13 round [1] - 45:25 Route [27] - 1:5, 3:15, 4:9, 5:19, 9:17, 10:1, 10:19, 11:2, 11:21, 12:2, 12:7, 13:15, 20:3, 27:5, 35:2, 35:4, 35:7, 36:20, 56:11, 56:12, 58:19, 78:17, 84:8, 96:13,	100:25, 108:11, 108:20 Ruhl [2] - 3:7, 91:19 RUHL [91] - 1:13, 25:8, 25:11, 25:13, 25:17, 25:24, 32:15, 32:20, 33:9, 33:11, 33:21, 34:2, 34:7, 34:11, 44:13, 44:25, 45:4, 45:10, 45:18, 45:22, 45:25, 46:2, 46:8, 46:13, 46:19, 47:6, 47:8, 47:14, 47:22, 48:3, 48:8, 48:15, 49:8, 49:11, 50:5, 50:13, 50:17, 50:21, 51:1, 51:8, 51:14, 51:19, 51:25, 52:6, 52:9, 52:13, 52:21, 52:24, 53:3, 53:8, 53:18, 54:7, 55:10, 56:6, 56:10, 56:19, 56:21, 57:8, 57:12, 57:25, 58:8, 58:15, 59:5, 59:7, 59:10, 59:19, 59:23, 60:2, 60:5, 60:11, 60:25, 61:16, 61:21, 62:4, 62:7, 62:11, 110:4, 110:11, 110:18, 110:24, 111:7, 111:12, 111:17, 111:21, 111:25, 112:8, 112:12, 112:22, 113:5, 113:15, 113:19 ruler [1] - 61:1 running [1] - 97:5 runoff [1] - 38:25 Rutgers [1] - 7:19
R				
R-1 [3] - 67:17, 67:19, 67:20 R-125 [3] - 67:17, 70:10, 70:14 R-E-T-T-R-A [1] - 107:12 R.P.R [2] - 120:3, 120:14 radius [1] - 66:4 rain [1] - 58:6 raise [1] - 6:21 raised [7] - 11:9, 15:20, 16:3, 16:6, 76:9, 89:8, 89:11 Ramsey [1] - 2:8 range [1] - 41:8 rather [6] - 15:20, 18:8, 53:21, 61:24, 62:12, 74:24 read [9] - 50:7, 61:12, 64:16, 78:24, 80:21, 98:4, 98:7, 98:14, 99:3 readily [1] - 65:12 reading [2] - 32:3, 80:9 realize [4] - 70:13, 92:13, 92:15, 98:17 realized [1] - 22:15 really [10] - 11:19, 17:8, 34:12, 41:11, 41:14, 74:17, 76:4, 80:11, 80:16, 117:24 Realty [1] - 2:16 rear [12] - 11:18, 12:11, 12:12, 12:13, 12:18, 16:1, 36:23, 48:19 reason [3] - 61:11, 80:19, 113:3 received [2] - 18:19, 30:6				
			S	
			Saddle [5] - 3:12, 3:14, 100:3, 100:8, 107:8 safes [1] - 42:16 safety [1] - 113:13 saw [3] - 26:14, 26:21, 93:17 scale [23] - 16:22, 38:4, 76:6, 76:8, 76:11, 76:14, 76:16, 76:18, 76:20, 77:2, 77:4, 77:7, 77:8, 82:7, 116:3, 116:10, 116:14, 116:15, 116:17, 116:18, 116:20 scaled [3] - 23:5,	

<p>76:25, 77:9 scenario [3] - 31:7, 32:1, 113:8 Schedler [2] - 107:20, 108:1 science [1] - 7:20 screen [10] - 9:18, 10:7, 58:21, 58:22, 59:1, 81:18, 82:5, 82:7, 82:9, 116:15 screens [1] - 81:25 sea [1] - 21:18 second [17] - 4:7, 5:3, 12:23, 17:25, 39:16, 48:12, 52:22, 64:18, 68:17, 83:7, 83:8, 84:16, 84:17, 85:10, 86:19, 117:17 second-floor [1] - 52:22 seconds [1] - 43:23 SECRETARY [1] - 2:2 section [10] - 14:13, 18:12, 20:1, 21:1, 37:10, 71:3, 80:20, 90:5, 90:19 Section [3] - 3:19, 17:21, 18:18 security [1] - 113:13 see [81] - 14:7, 15:8, 19:4, 19:19, 19:24, 22:6, 25:17, 25:24, 28:8, 29:4, 29:16, 35:8, 36:17, 37:11, 47:3, 51:2, 51:10, 51:14, 51:21, 52:10, 52:14, 52:18, 52:19, 53:5, 54:15, 55:12, 55:18, 56:1, 56:13, 56:16, 57:3, 58:11, 58:16, 58:24, 59:8, 60:3, 62:4, 63:4, 63:5, 75:5, 76:3, 79:21, 79:23, 81:17, 82:21, 83:1, 83:4, 83:14, 85:22, 86:1, 88:21, 89:10, 90:1, 90:24, 98:1, 98:3, 98:4, 98:8, 98:9, 98:10, 98:11, 98:16, 98:23, 99:2, 100:18, 101:3, 101:25, 102:19, 104:1, 104:14, 104:24, 105:1, 105:2, 105:13, 110:1, 115:14, 115:21, 115:22, 116:24 seeing [6] - 51:13, 57:4, 76:4, 77:21,</p>	<p>93:16, 113:23 seem [1] - 96:7 sees [1] - 111:8 senors [1] - 111:15 sense [4] - 80:17, 81:5, 81:25, 117:24 separate [1] - 10:19 separation [1] - 22:6 service [4] - 10:15, 10:18, 22:2, 23:13 set [2] - 5:4, 10:5 setback [2] - 12:9, 16:1 setbacks [1] - 12:5 setting [1] - 27:20 seven [1] - 83:10 several [3] - 9:6, 22:14, 74:21 shades [1] - 65:23 shall [2] - 80:23, 80:24 shape [2] - 12:16, 60:23 shaped [1] - 43:4 shared [2] - 37:8, 84:10 sheet [1] - 10:7 shielded [1] - 111:6 shields [1] - 58:6 shine [1] - 109:16 shining [1] - 41:19 short [1] - 37:1 shorter [1] - 87:6 show [11] - 16:24, 28:22, 38:4, 68:14, 69:20, 71:6, 71:9, 71:11, 78:17, 108:1 showing [3] - 30:19, 69:19, 108:2 shown [14] - 13:21, 30:16, 31:1, 32:14, 36:9, 69:4, 71:9, 88:23, 91:15, 91:21, 92:4, 92:8, 92:9, 116:17 shows [10] - 17:24, 18:1, 19:16, 31:8, 43:11, 48:4, 59:14, 65:5, 71:15, 76:1 shrubs [1] - 46:16 SHULMAN [1] - 2:10 shy [1] - 37:13 sic [1] - 105:7 side [15] - 10:25, 11:8, 12:10, 20:6, 23:13, 91:9, 91:11, 91:14, 91:21, 92:1, 96:8, 96:23, 101:12, 110:17 sides [4] - 35:19, 67:4, 67:5, 96:19</p>	<p>sidewalk [1] - 56:12 sight [1] - 56:25 sign [165] - 4:6, 5:18, 6:1, 6:2, 11:4, 11:5, 11:11, 11:12, 11:16, 11:20, 11:24, 12:5, 12:12, 12:13, 15:23, 16:5, 16:9, 17:14, 20:6, 21:23, 21:24, 21:25, 22:9, 22:10, 22:17, 23:20, 23:22, 24:10, 25:3, 25:20, 25:22, 26:15, 27:1, 27:3, 27:17, 30:18, 30:21, 31:1, 31:11, 31:13, 31:16, 31:17, 31:20, 32:4, 32:6, 33:4, 35:9, 35:11, 36:11, 36:12, 36:14, 36:18, 36:19, 36:21, 36:22, 37:4, 37:7, 37:13, 37:15, 38:9, 40:14, 40:20, 41:18, 41:22, 41:25, 42:1, 43:2, 43:10, 43:12, 43:24, 43:25, 44:1, 50:10, 50:16, 50:17, 50:23, 51:2, 51:10, 51:13, 51:14, 52:24, 53:5, 54:10, 54:12, 54:14, 54:15, 54:18, 55:12, 55:18, 55:22, 56:1, 56:13, 56:16, 56:22, 56:25, 57:1, 57:3, 57:17, 57:21, 57:24, 59:3, 60:19, 61:22, 62:4, 62:19, 62:22, 63:7, 63:11, 63:18, 63:25, 64:1, 64:4, 64:8, 64:22, 64:24, 65:9, 65:12, 65:15, 65:16, 65:18, 66:4, 75:1, 76:20, 76:21, 84:1, 86:24, 87:1, 87:5, 87:22, 88:11, 88:21, 89:7, 89:18, 90:2, 92:16, 92:23, 93:7, 94:4, 94:22, 97:20, 98:1, 98:14, 98:16, 100:14, 100:17, 105:5, 109:18, 110:1, 111:6, 112:17, 112:18, 113:1, 113:3, 113:11, 113:14, 116:23, 116:24 signage [1] - 35:18 significance [1] - 30:25</p>	<p>signifies [1] - 31:14 signify [1] - 43:8 signs [2] - 32:2, 66:9 sim [1] - 79:23 similar [7] - 7:25, 13:12, 32:2, 41:18, 41:21, 58:21, 66:9 similarly [1] - 9:25 simple [2] - 49:25, 69:7 simply [2] - 86:8, 90:20 simulate [1] - 16:4 simulated [1] - 16:21 simulation [7] - 35:21, 36:14, 76:21, 77:9, 85:16, 87:12, 107:19 simulations [15] - 15:9, 15:23, 16:14, 16:19, 16:25, 37:25, 51:12, 74:24, 75:25, 78:6, 78:16, 78:21, 98:24, 116:5, 116:16 single [1] - 4:5 sit [1] - 28:21 site [63] - 4:3, 6:9, 9:5, 9:6, 9:7, 9:16, 9:19, 9:20, 9:25, 10:2, 10:9, 10:14, 10:17, 10:20, 10:21, 13:17, 15:16, 15:20, 15:24, 17:9, 17:25, 18:3, 19:18, 19:24, 20:2, 20:9, 20:23, 23:14, 24:3, 24:8, 35:3, 38:6, 38:7, 38:11, 38:13, 38:15, 38:16, 39:6, 39:16, 39:18, 39:19, 39:20, 39:25, 44:17, 46:20, 47:10, 48:7, 55:24, 56:21, 57:1, 61:10, 62:14, 66:23, 69:2, 69:17, 71:7, 73:3, 84:13, 90:1, 100:19, 111:25 site's [3] - 9:22, 10:14, 10:18 sites [3] - 66:2, 78:1, 78:5 sits [2] - 46:2, 95:18 sitting [3] - 45:10, 55:1, 115:25 six [2] - 104:13, 104:25 size [6] - 31:11, 41:18, 41:22, 45:18, 46:8, 82:7 sky [2] - 63:17, 89:19 slice [5] - 90:15, 90:19, 91:7, 91:17,</p>	<p>94:6 slightly [4] - 51:3, 86:2, 87:13, 87:16 slowly [1] - 59:2 small [1] - 58:4 smaller [1] - 60:12 solid [1] - 57:25 someone [14] - 31:23, 39:11, 39:14, 54:23, 55:2, 79:21, 80:18, 81:7, 88:20, 89:20, 90:22, 98:13, 98:16, 103:15 sorry [24] - 4:15, 5:7, 12:21, 13:3, 29:16, 29:18, 32:18, 32:23, 34:14, 40:24, 44:4, 53:23, 58:13, 74:12, 75:14, 78:2, 86:13, 91:24, 101:25, 102:18, 103:2, 103:9, 112:22, 114:8 sort [10] - 14:6, 31:4, 42:14, 78:20, 79:8, 79:23, 95:5, 95:6, 96:8, 111:13 sorts [1] - 79:7 source [1] - 106:17 sources [2] - 112:14, 113:7 South [1] - 1:5 south [19] - 5:19, 10:1, 10:21, 10:25, 11:8, 12:9, 14:7, 20:5, 20:7, 21:13, 35:2, 36:13, 61:2, 61:17, 61:22, 67:21, 75:7, 97:8 southbound [5] - 11:22, 77:11, 85:6, 101:2 southeast [2] - 11:1, 13:16 southern [1] - 92:11 southernmost [1] - 92:15 space [2] - 23:10, 23:11 speaks [2] - 91:2, 102:13 special [1] - 49:21 specifically [4] - 13:24, 23:12, 70:12, 106:19 spell [6] - 99:24, 100:9, 103:22, 104:2, 107:9, 108:13 spots [1] - 113:10 spread [4] - 11:14, 11:15, 11:18, 57:18</p>
---	--	---	--	---

<p>Spring [1] - 2:14</p> <p>square [2] - 11:12, 11:13</p> <p>squared [1] - 85:5</p> <p>stand [3] - 53:9, 55:20, 56:11</p> <p>standard [1] - 27:23</p> <p>standing [16] - 53:24, 54:23, 55:1, 55:2, 56:11, 56:15, 57:3, 85:15, 88:20, 89:5, 89:15, 89:17, 89:21, 89:24, 90:22, 111:13</p> <p>STANDRIFF [30] - 2:13, 2:14, 8:16, 82:15, 82:20, 83:10, 83:17, 84:14, 84:19, 84:24, 85:7, 85:11, 86:11, 86:15, 86:20, 88:2, 88:7, 88:16, 88:18, 90:4, 90:9, 90:12, 91:8, 94:10, 94:12, 94:23, 97:13, 97:17, 97:24, 98:11</p> <p>Standriff [5] - 3:5, 8:15, 82:14, 95:1, 119:7</p> <p>start [4] - 6:14, 6:17, 95:6, 117:24</p> <p>started [3] - 71:18, 73:20, 73:22</p> <p>starting [1] - 58:22</p> <p>State [9] - 8:3, 8:8, 9:17, 10:19, 98:9, 98:12, 120:4, 120:4, 120:7</p> <p>state [4] - 5:7, 40:17, 99:24, 103:21</p> <p>statement [6] - 34:24, 78:20, 80:21, 109:24, 110:3, 110:9</p> <p>states [1] - 8:3</p> <p>statc [3] - 27:6, 63:17, 63:19</p> <p>station [26] - 5:20, 10:15, 12:10, 14:7, 14:8, 14:10, 14:11, 19:19, 22:2, 23:13, 54:19, 61:5, 61:19, 61:25, 62:11, 109:1, 109:4, 109:11, 109:14, 110:19, 110:21, 111:1, 113:1, 113:12, 114:18</p> <p>station's [1] - 84:3</p> <p>statute [1] - 120:7</p> <p>stay [3] - 74:25, 75:3, 96:12</p> <p>staying [1] - 42:6</p>	<p>steel [4] - 11:9, 45:23, 46:12</p> <p>step [2] - 23:8, 32:24</p> <p>stepping [1] - 4:20</p> <p>steps [1] - 4:23</p> <p>stick [1] - 90:23</p> <p>still [8] - 14:10, 14:12, 23:20, 48:24, 51:2, 59:8, 65:14, 89:14</p> <p>stipulate [1] - 105:24</p> <p>stop [2] - 41:1, 111:9</p> <p>stopped [1] - 51:13</p> <p>stops [1] - 91:20</p> <p>stormwater [3] - 38:19, 38:20, 38:25</p> <p>story [1] - 23:8</p> <p>straight [13] - 61:8, 63:10, 95:7, 95:18, 96:6, 96:10, 96:14, 96:19, 96:21, 97:5, 97:9, 110:8, 110:14</p> <p>straightaway [1] - 61:9</p> <p>straightedge [1] - 92:13</p> <p>street [6] - 13:15, 33:5, 75:4, 101:9, 111:8, 114:20</p> <p>Street [1] - 2:8</p> <p>strike [1] - 19:21</p> <p>structure [26] - 10:24, 11:3, 11:10, 11:14, 16:22, 17:10, 18:4, 19:22, 19:23, 20:12, 21:6, 24:25, 26:3, 26:22, 30:14, 30:16, 40:23, 41:1, 55:8, 58:1, 76:11, 90:2, 98:5, 98:24, 100:18, 116:18</p> <p>structures [1] - 70:4</p> <p>study [1] - 78:10</p> <p>subject [4] - 23:14, 69:17, 83:5, 84:8</p> <p>subjective [1] - 79:2</p> <p>submitted [2] - 9:7, 78:11</p> <p>substantial [1] - 68:15</p> <p>suggest [2] - 79:24, 106:23</p> <p>Suite [2] - 2:11, 2:15</p> <p>summarize [1] - 47:18</p> <p>summertime [1] - 104:8</p> <p>sunlight [4] - 41:5, 42:13, 58:7, 65:25</p> <p>superimposed [1] - 100:17</p> <p>superimposing [1] - 30:13</p>	<p>support [1] - 11:10</p> <p>supposed [2] - 36:11, 37:7</p> <p>surface [2] - 38:24, 47:4</p> <p>surround [1] - 66:24</p> <p>surrounded [1] - 67:17</p> <p>surrounding [7] - 15:3, 67:3, 68:13, 69:14, 71:7, 76:4, 105:4</p> <p>surrounds [7] - 67:14, 67:23, 68:1, 68:2, 68:10, 72:16</p> <p>survey [4] - 9:5, 24:6, 25:1, 25:4</p> <p>swear [2] - 6:20, 6:23</p> <p>SWORN [1] - 3:3</p> <p>sworn [1] - 7:4</p> <p>symbolize [1] - 15:21</p> <p>system [3] - 37:18, 37:19, 37:20</p>	<p>testimony [15] - 6:11, 6:24, 15:10, 19:2, 26:13, 39:10, 48:21, 53:4, 73:20, 76:13, 86:17, 86:22, 88:19, 114:21, 120:6</p> <p>testing [2] - 32:1, 112:16</p> <p>THE [184] - 1:3, 1:8, 2:17, 4:15, 13:7, 13:12, 13:20, 13:25, 18:15, 19:15, 25:10, 25:12, 25:22, 26:1, 29:5, 29:14, 32:24, 33:10, 33:13, 33:24, 34:4, 34:10, 34:14, 39:22, 40:22, 40:25, 41:11, 42:8, 42:23, 43:6, 43:10, 43:16, 43:19, 44:20, 45:2, 45:13, 45:19, 45:24, 46:1, 46:6, 46:10, 46:18, 46:24, 47:7, 47:17, 47:24, 48:6, 48:9, 48:17, 49:1, 49:16, 50:12, 50:15, 50:19, 50:25, 51:4, 51:11, 51:18, 51:23, 52:2, 52:7, 52:12, 52:16, 52:23, 53:2, 53:6, 53:16, 53:20, 54:1, 54:8, 54:19, 54:25, 55:4, 55:7, 55:14, 56:17, 57:2, 57:11, 57:17, 58:4, 58:13, 58:18, 59:6, 59:9, 60:10, 60:18, 61:6, 61:18, 62:1, 62:6, 62:9, 62:14, 62:19, 62:24, 63:13, 64:5, 64:9, 64:14, 64:18, 65:2, 65:20, 66:8, 66:13, 67:1, 67:5, 67:9, 67:13, 67:16, 67:20, 68:11, 69:13, 69:22, 70:6, 70:12, 70:15, 70:18, 70:21, 71:2, 71:6, 71:14, 73:25, 74:4, 74:9, 74:17, 74:21, 75:13, 75:14, 75:19, 75:24, 76:8, 76:17, 77:6, 77:13, 78:2, 81:9, 81:21, 82:3, 83:13, 84:22, 86:14, 91:6, 95:10, 95:13, 95:20, 95:23, 96:11, 96:17, 97:7, 98:20, 100:9, 100:16, 101:1, 101:6, 101:9, 101:13, 101:17,</p>	<p>101:23, 102:6, 102:17, 104:2, 104:9, 104:11, 106:12, 106:18, 106:22, 107:2, 107:9, 107:13, 108:13, 109:8, 110:10, 110:13, 110:22, 111:4, 111:10, 111:16, 111:19, 111:24, 112:2, 112:10, 112:15, 112:25, 113:8, 113:17</p> <p>themselves [2] - 16:14, 57:18</p> <p>THERE [1] - 1:9</p> <p>they've [1] - 19:6, 79:5</p> <p>thirdly [1] - 87:15</p> <p>thirty [2] - 12:18, 62:24</p> <p>thirty-five [1] - 62:24</p> <p>thousand [1] - 98:25</p> <p>three [9] - 10:17, 28:17, 63:9, 75:5, 75:6, 86:22, 89:2, 92:2, 93:15</p> <p>three-dimensional [1] - 63:9</p> <p>throttle [1] - 27:21</p> <p>throttled [1] - 41:23</p> <p>throughout [2] - 8:8, 42:17</p> <p>Tiago [2] - 6:7, 7:7</p> <p>TIAGO [2] - 3:4, 7:7</p> <p>Tice [1] - 2:11</p> <p>tinted [1] - 65:25</p> <p>tiny [1] - 25:18</p> <p>Tire [2] - 5:19, 36:23</p> <p>today [11] - 6:5, 6:6, 13:11, 13:13, 17:11, 18:13, 23:14, 33:15, 38:12, 47:1, 47:4</p> <p>today's [1] - 17:22</p> <p>together [3] - 24:2, 26:23, 113:10</p> <p>tonight [2] - 8:1, 19:2</p> <p>took [6] - 53:24, 59:16, 74:21, 74:23, 78:17, 79:6</p> <p>tools [1] - 38:3</p> <p>top [29] - 22:5, 22:11, 23:24, 23:25, 31:18, 37:12, 40:23, 41:2, 50:12, 50:13, 54:12, 54:13, 54:15, 63:25, 64:23, 85:22, 85:24, 86:7, 87:8, 87:19, 88:12, 89:9, 90:15, 90:16, 90:21, 91:10,</p>
T				
		<p>tall [2] - 16:4, 110:20</p> <p>taller [2] - 52:19, 52:20</p> <p>tangent [1] - 96:18</p> <p>tangents [1] - 96:22</p> <p>targeting [2] - 61:3, 118:8</p> <p>tasked [4] - 16:8, 72:11, 72:12, 74:5</p> <p>tasking [1] - 72:15</p> <p>Taylor [2] - 6:10, 44:6</p> <p>technology [4] - 5:21, 6:2, 78:13, 79:19</p> <p>telecommunication [2] - 77:25, 78:5</p> <p>telephone [6] - 82:21, 85:1, 85:13, 85:14, 87:20, 88:10</p> <p>television [1] - 58:21</p> <p>TEM [1] - 1:12</p> <p>tends [1] - 61:10</p> <p>term [1] - 22:13</p> <p>terms [6] - 36:5, 39:1, 98:3, 115:7, 115:13, 116:22</p> <p>test [8] - 15:11, 15:18, 35:8, 69:14, 73:22, 74:3, 111:13</p> <p>testified [3] - 5:25, 34:18, 88:5</p> <p>testifies [1] - 7:4</p> <p>testify [2] - 98:7, 104:21</p>		

<p>92:6, 92:17, 111:6 total [2] - 11:11, 41:25 tough [1] - 41:14 towards [11] - 27:4, 61:4, 61:5, 84:7, 89:15, 89:25, 92:1, 95:5, 101:22, 101:24, 102:13 traffic [20] - 6:10, 27:4, 35:19, 39:2, 39:22, 43:22, 44:1, 44:6, 55:15, 55:16, 56:4, 56:7, 56:14, 58:19, 58:20, 62:3, 74:18, 75:9, 101:2, 102:5 TRANSCRIPT [1] - 1:4 transcript [4] - 22:15, 78:24, 80:9, 120:10 travel [2] - 43:15, 57:20 traveling [6] - 35:7, 58:18, 61:8, 61:20, 85:5, 85:6 travels [2] - 77:24, 95:9 trees [8] - 13:21, 52:14, 52:19, 52:20, 105:15, 105:17, 105:20 triangular [3] - 9:19, 43:4, 63:2 triangular-type [1] - 43:4 trigger [1] - 48:2 trip [1] - 39:5 trouble [1] - 100:22 truck [5] - 15:20, 35:19, 76:23, 85:2, 87:19 truck's [1] - 15:25 trucks [1] - 35:14 true [2] - 92:10, 92:15 truly [1] - 92:21 truth [2] - 6:24, 6:25 try [2] - 74:25, 103:10 trying [11] - 46:4, 47:22, 58:3, 58:12, 58:16, 75:8, 80:16, 81:1, 81:5, 81:25, 102:20 TUESDAY [1] - 1:2 Tuesday [3] - 118:20, 118:21, 118:25 turn [2] - 77:21, 95:7 turned [1] - 31:2 turning [1] - 32:18 turns [2] - 42:25, 58:25 TV [1] - 81:18 two [23] - 5:21, 6:6,</p>	<p>11:3, 11:7, 11:12, 22:7, 23:8, 28:16, 28:17, 30:17, 43:4, 54:20, 58:5, 60:8, 84:11, 85:8, 93:15, 111:13, 112:14, 113:6, 118:5, 118:17 two-story [1] - 23:8 type [7] - 43:4, 63:9, 65:23, 66:6, 68:19, 70:11, 70:16 typical [5] - 32:10, 41:15, 41:22, 42:2, 52:2 typically [5] - 38:17, 45:13, 45:20, 46:10, 63:19 typo [1] - 29:19</p>	<p>42:3 upper [1] - 59:24 upward [1] - 57:7 upwards [1] - 63:22 uses [1] - 61:13 utility [9] - 83:14, 83:20, 83:23, 84:7, 85:18, 85:19, 85:23, 86:3, 86:7</p>	<p>visibility [8] - 34:9, 43:17, 62:2, 62:8, 62:9, 101:16, 102:3, 102:10 visible [3] - 89:5, 97:20, 102:9 vision [2] - 51:17, 55:17 visit [1] - 39:6 visited [3] - 9:6, 15:16, 69:14 visiting [1] - 39:7 visual [12] - 34:23, 69:4, 69:8, 69:9, 70:24, 71:19, 75:22, 78:9, 78:18, 78:20, 96:4, 100:13 visually [2] - 37:6, 75:5 Voir [2] - 3:4, 7:10 VOIR [1] - 7:12</p>	<p>56:7, 56:20, 66:20, 67:2, 67:7, 67:11, 67:14, 67:19, 67:25, 68:4, 68:16, 69:2, 69:18, 69:25, 70:7, 70:13, 70:16, 70:19, 70:22, 71:4, 71:11, 71:17, 71:25, 72:2, 72:14, 72:23, 73:7, 73:14, 99:18, 104:20, 105:11, 108:2 Whitaker [5] - 3:9, 68:25, 73:16, 99:17, 118:12 white [9] - 9:19, 31:2, 31:8, 32:10, 32:11, 33:8, 33:17, 43:11, 60:21 whole [1] - 78:11 width [3] - 45:16, 63:5, 63:10 window [24] - 51:5, 51:6, 52:10, 52:25, 54:4, 54:24, 55:21, 55:22, 57:8, 57:9, 57:12, 64:19, 64:21, 65:15, 69:10, 71:19, 79:21, 89:17, 89:21, 94:2, 115:18, 115:22, 115:25, 116:23 windows [24] - 23:1, 23:4, 23:7, 23:12, 23:15, 23:16, 23:23, 24:1, 50:9, 50:12, 50:13, 51:3, 52:17, 52:22, 52:25, 64:12, 65:1, 65:4, 65:23, 89:3, 89:10, 89:25, 91:12, 109:17 windshield [1] - 52:2 wired [1] - 26:22 wires [3] - 86:2, 86:4, 86:5 wise [1] - 35:5 WITNESS [172] - 13:7, 13:12, 13:20, 13:25, 18:15, 19:15, 25:10, 25:12, 25:22, 26:1, 29:5, 29:14, 32:24, 33:10, 33:13, 33:24, 34:4, 34:10, 34:14, 39:22, 40:22, 40:25, 41:11, 42:8, 42:23, 43:6, 43:10, 43:16, 43:19, 44:20, 45:2, 45:13, 45:19, 45:24, 46:1, 46:6, 46:10, 46:18, 46:24, 47:7,</p>
U		V		
<p>under [6] - 10:23, 47:21, 48:24, 111:5, 112:6, 120:6 understood [2] - 32:21, 86:16 unfair [4] - 72:11, 72:13, 73:2, 73:8 University [1] - 7:19 unless [2] - 6:13, 79:14 unquote [1] - 73:21 up [56] - 5:4, 18:10, 19:9, 20:21, 21:5, 21:8, 24:23, 26:14, 35:4, 35:6, 41:18, 46:9, 48:6, 51:6, 51:7, 52:11, 53:17, 54:4, 55:10, 55:20, 57:20, 59:13, 59:22, 63:11, 63:16, 63:19, 65:1, 76:24, 82:18, 84:15, 86:12, 87:22, 88:12, 89:14, 89:24, 90:10, 92:6, 94:11, 95:2, 96:25, 97:4, 97:15, 99:8, 105:5, 107:15, 109:9, 110:4, 110:11, 110:17, 110:19, 111:15, 112:3, 112:8, 113:6, 116:15 up-lit [1] - 63:19 update [5] - 14:15, 105:25, 106:2, 106:5, 107:19 updated [1] - 106:25 updating [1] - 107:16 uplights [2] - 41:16,</p>	<p>under [6] - 10:23, 47:21, 48:24, 111:5, 112:6, 120:6 understood [2] - 32:21, 86:16 unfair [4] - 72:11, 72:13, 73:2, 73:8 University [1] - 7:19 unless [2] - 6:13, 79:14 unquote [1] - 73:21 up [56] - 5:4, 18:10, 19:9, 20:21, 21:5, 21:8, 24:23, 26:14, 35:4, 35:6, 41:18, 46:9, 48:6, 51:6, 51:7, 52:11, 53:17, 54:4, 55:10, 55:20, 57:20, 59:13, 59:22, 63:11, 63:16, 63:19, 65:1, 76:24, 82:18, 84:15, 86:12, 87:22, 88:12, 89:14, 89:24, 90:10, 92:6, 94:11, 95:2, 96:25, 97:4, 97:15, 99:8, 105:5, 107:15, 109:9, 110:4, 110:11, 110:17, 110:19, 111:15, 112:3, 112:8, 113:6, 116:15 up-lit [1] - 63:19 update [5] - 14:15, 105:25, 106:2, 106:5, 107:19 updated [1] - 106:25 updating [1] - 107:16 uplights [2] - 41:16,</p>	<p>V-shape [1] - 12:16 V-spread [1] - 11:15 Valley [1] - 2:14 value [1] - 48:14 variable [1] - 40:15 variables [1] - 99:1 variance [1] - 4:8 variation [1] - 65:9 varies [2] - 35:3, 41:22 various [5] - 8:6, 24:12, 43:24, 66:2, 78:17 varying [1] - 42:5 vegetation [1] - 35:18 vehicle [2] - 56:4, 83:2 vehicular [2] - 43:22, 44:1 veracity [1] - 34:24 verbatim [1] - 120:6 verification [1] - 15:13 verified [3] - 16:2, 16:13, 43:1 verify [4] - 16:5, 16:10, 24:8, 34:23 verifying [1] - 15:24 version [1] - 50:8 versus [6] - 27:6, 63:17, 76:2, 90:15, 99:2, 99:3 vertical [2] - 63:14, 92:25 via [1] - 10:19 Vice [1] - 3:8 VICE [11] - 1:11, 13:18, 53:22, 54:3, 54:17, 54:20, 55:5, 80:14, 81:16, 81:23, 82:11 view [10] - 18:1, 19:1, 27:6, 57:7, 58:22, 59:2, 84:20, 88:22, 92:9, 104:10 viewing [1] - 116:22 VILLAGE [4] - 1:1, 1:8, 2:3, 2:4 village [2] - 78:10, 80:20</p>	<p style="text-align: center;">W</p> <p>W-A-R-D [1] - 108:15 wait [4] - 68:16, 83:7, 83:8, 110:3 walkway [1] - 101:18 wall [1] - 93:19 walls [2] - 52:8, 57:6 wants [1] - 63:22 Ward [3] - 3:14, 108:11, 108:15 WARD [7] - 108:11, 108:15, 108:19, 108:21, 108:23, 109:15, 109:25 wash [1] - 65:21 wattage [2] - 41:23, 42:1 watts [2] - 41:19, 41:24 weather [1] - 43:24 week [1] - 108:25 west [7] - 12:14, 16:9, 20:3, 67:17, 67:20, 95:17 West [6] - 1:23, 3:12, 3:14, 100:3, 100:7, 107:8 westerly [1] - 25:2 Wheel [2] - 5:19, 36:24 WHITAKER [49] - 2:7, 2:7, 6:21, 7:5, 7:10, 8:12, 8:17, 8:20, 18:10, 18:25, 19:13, 28:18, 39:20, 47:9, 47:21, 48:21, 55:19,</p>	<p>W</p>

<p>47:17, 47:24, 48:6, 48:9, 48:17, 49:1, 49:16, 50:12, 50:15, 50:19, 50:25, 51:4, 51:11, 51:18, 51:23, 52:2, 52:7, 52:12, 52:16, 52:23, 53:2, 53:6, 53:16, 53:20, 54:1, 54:8, 54:19, 54:25, 55:4, 55:7, 55:14, 56:17, 57:2, 57:11, 57:17, 58:4, 58:18, 59:6, 59:9, 60:10, 60:18, 61:6, 61:18, 62:1, 62:6, 62:9, 62:14, 62:19, 62:24, 63:13, 64:5, 64:9, 64:14, 64:18, 65:2, 65:20, 66:8, 66:13, 67:1, 67:5, 67:9, 67:13, 67:16, 67:20, 68:11, 69:13, 69:22, 70:6, 70:12, 70:15, 70:18, 70:21, 71:2, 71:6, 71:14, 73:25, 74:4, 74:9, 74:17, 74:21, 75:13, 75:19, 75:24, 76:8, 76:17, 77:6, 77:13, 81:9, 81:21, 82:3, 83:13, 84:22, 86:14, 91:6, 95:10, 95:13, 95:20, 95:23, 96:11, 96:17, 97:7, 98:20, 100:16, 101:1, 101:6, 101:9, 101:13, 101:17, 101:23, 102:6, 102:17, 104:9, 104:11, 106:12, 106:18, 106:22, 107:2, 109:8, 110:10, 110:13, 110:22, 111:4, 111:10, 111:16, 111:19, 111:24, 112:2, 112:10, 112:15, 112:25, 113:8, 113:17</p> <p>witness [25] - 5:24, 6:20, 19:8, 44:2, 44:5, 44:8, 44:10, 69:23, 69:25, 71:23, 71:24, 72:8, 73:3, 98:6, 98:7, 98:18, 99:5, 99:8, 99:11, 100:1, 102:10, 107:24, 117:9, 117:15, 117:25</p> <p>witnesses [1] - 6:6 wonderful [1] - 14:25</p>	<p>Wondergem [6] - 82:17, 84:14, 86:11, 88:16, 90:10, 94:10</p> <p>WONDERGEM [6] - 2:2, 29:4, 29:6, 86:13, 118:7, 118:11</p> <p>wondering [1] - 72:2</p> <p>Woodcliff [1] - 2:12</p> <p>word [3] - 32:21, 59:7, 67:25</p> <p>worst [2] - 31:6, 31:25</p> <p>worst-case [2] - 31:6, 31:25</p> <p>worth [1] - 72:17</p> <p>written [1] - 81:3</p>
Y	
<p>year [2] - 39:11, 106:13</p> <p>years [4] - 7:23, 45:3, 78:8</p> <p>yellow [15] - 25:15, 25:16, 30:18, 31:14, 34:5, 43:4, 60:8, 60:20, 63:2, 92:8, 94:14, 94:19, 95:3, 100:13, 110:15</p> <p>York [1] - 49:20</p> <p>yup [2] - 99:19, 106:22</p>	<p>ZBA [1] - 18:21</p> <p>zero [2] - 21:3, 21:5</p> <p>Zone [2] - 1:6, 4:10</p> <p>zone [36] - 9:23, 10:1, 47:15, 47:19, 48:13, 66:24, 67:3, 67:8, 67:10, 67:11, 67:12, 67:15, 67:16, 67:23, 68:1, 68:3, 68:7, 68:10, 69:11, 69:21, 70:10, 70:14, 70:17, 70:24, 71:8, 71:13, 71:22, 72:9, 72:16, 80:23, 96:13, 105:6</p> <p>zones [5] - 34:3, 70:10, 71:8, 71:10, 72:21</p> <p>Zoning [1] - 2:9</p> <p>zoning [3] - 46:21, 47:15, 81:2</p> <p>ZONING [2] - 1:1, 1:8</p> <p>zoom [1] - 48:11</p>
Z	