# HARDING TOWNSHIP BOARD OF ADJUSTMENT MINUTES April 18, 2019 7:30 PM

# CALL TO ORDER AND STATEMENT OF COMPLIANCE

The Board of Adjustment Chair Mike Flanagan, called the meeting of the Board of Adjustment to order at 7:30 and announced that adequate notice of the meeting had been made in accordance with the New Jersey State Open Public Meetings Act.

# **APPOINTMENTS**

Mr. Hall announced that on April 15, 2019 the Harding Township Committee made the following appointments:

Aric Rosenbaum

Regular Member

4 year unexpired term, expiring December 31, 2020

Thomas Addonizio Elizabeth Sovolos

Alternate # 1
Alternate # 2

2 year term expiring December 31, 20192 year unexpired term, expiring December 31, 2020

Mr. Hall swore in Ms. Sovolos.

## **ROLL CALL**

Ms. Taglairino called the roll. It went as follows:

Ms. Sovolos	Present	Mr. Newlin	Present
Mr. Flanagan	Present	Mr. Maselli (7:35)	Present
Mr. Rosenbaum	Present	Mr. Addonizio	Present
Mr. Symonds	Present	Mr. Kearns	Excused
Ms. Chipperson	Present		

Board Attorney, Gary Hall, Board Engineer, Paul Fox, Board Planner (late), McKinley Mertz and Board of Adjustment Secretary Lori Taglairino were also present.

## REGULAR MEETING

Mr. Flanagan announced that BOA#01-19 Pitney was carried until the May 16, 2019 meeting.

## **MINUTES**

Mr. Flanagan made a motion to approve the March 21, 2019 minutes. The motion was seconded by Mr. Newlin. On a voice vote all eligible members were in favor of approving the minutes.

Mr. Flanagan made a motion to approve the March 16, 2019 Site Inspection minutes for Pitney with an amendment to add Robert Scialla to the attendance list. The motion was seconded by Mr. Symonds. On a voice vote all eligible members were in favor of approving the minutes.

Mr. Flanagan made a motion to approve the March 16, 2019 Site Inspection minutes for Ryan. The motion was seconded by Mr. Newlin. On a voice vote all eligible members were in favor of approving the minutes.

## **ADMINISTRATIVE**

Ms. Taglairino noted that FDS filing deadline is April 30, 2019.

## **RESOLUTIONS**

Application BOA# 021-19

Brendan and Sharon Ryan

41 Village Road, B16/L7. R-1 Zone

Mr. Flanagan made a motion to adopt Resolution BOA #02-19 Ryan with an amendment to the zoning numbers. It was seconded by Mr. Newlin. A roll call vote went as follows:

For: Mr. Flanagan, Mr. Newlin, Ms. Chipperson, Mr. Rosenbaum and Mr. Addonizio. Against: None

Application BOA# 18-18

Sandra and David Renzulli

42 Millbrook Rd., B17/L11.03, R-4/R-1 Zone

Applicant requesting variance relief for side and rear setbacks as per

NJSA 40:55D-70(c).

Mr. Flanagan made a motion to adopt Resolution BOA# 18-18 Renzulli. It was seconded by Mr. Rosenbaum. A roll call vote went as follows:

For: Mr. Flanagan, Mr. Newlin, Ms. Chipperson, Mr. Addonizio and Mr. Rosenbaum. Against: None

## **NEW BUSINESS**

Application BOA# 03-19

Robert Schwester & Valerie Hartwyk 19 Alpine Trail, B44/L15, R-4 Zone

Applicant requesting variance relief for a front setback as per NJSA

40:55D-70(c).

Presenting:

Candice Davis, Engineer Robert Schwester, Applicant

Mr. Schwester and Ms. Davis were sworn in for testimony.

- Ms. Davis presented proposed plans for a reconstruction of an entryway requiring front setback relief.
- Mr. Hall noted that "existing non-conforming" relief is needed as well.
- There were questions regarding the grade of the existing landing pad. Ms. Davis clarified that the landing pad was flush with the grade.
- Mr. Schwester presented Exhibit A-1, a photograph of the existing entryway.

 After discussion, the Board requested that the applicant submit a revised rendering of the entryway for the file.

Mr. Flanagan made a motion to approve the application with the condition of new sketches being submitted and approved by the Board Attorney. Mr. Rosenbaum seconded the motion. A roll call vote went as follows:

For: Mr. Flanagan, Mr. Newlin, Mr. Maselli, Mr. Rosenbaum, Ms. Chipperson,

Mr. Symonds and Mr. Addonizio

Against: None

# **OLD BUSINESS**

Application BOA# 17-18

New York SMSA Limited Partnership d/b/a Verizon Wireless

8 Millbrook Road, B17/L1, PL Zone

Applicant requesting variance relief for use, per NJSA

40:55D-70(d) for a cell tower.

Presenting:

Richard Schneider. Attorney Mr. James Murawski, Engineer

The Board Attorney, Mr. Hall is recused from this application. Mr. Ed Purcell is providing counsel.

Dr. Eisenstein is providing testimony on Radio Frequency.

Mr. Rob Simon is an objecting attorney representing several members of the community.

A transcript of the testimony is appended to these minutes.

#### **OTHER BUSINESS**

Mr. Flanagan made a motion to extend the deadline for the hearing of the Verizon application until July 2019 in accordance with the MLUL and FCC. It was seconded by Mr. Newlin. On a voice vote, all were in favor of the extension.

# **ADJOURNMENT**

Mr. Flanagan adjourned the meeting at 11.01.
5
Respectfully submitted by

Lori Taglairino, Board of Adjustment Secretary

.

Page 1	Paris 2
Page 1  HARDING TOWNSHIP	Page 2
BOARD OF ADJUSTMENT	1 APPEARANCES:
NATION AND DESCRIPTION OF THE ANGELOW	EDWARD PURCELL, ESQUIRE
IN THE MATTER OF: : TRANSCRIPT :	3 Attorney for the Board
CASE: BOA# 17-18 : OF New York SMSA Limited Partnership:	VOGEL, CHAIT, COLLINS & SCHNEIDER, ESQ.
d/b/a Verizon Wireless : PROCEEDINGS 8 Millbrook Road :	5 BY: RICHARD SCHNEIDER, ESQUIRE Attorneys for the Applicant
Block 17; Lot 1; PL Zone :	6
Thursday, April 18, 2019 Municipal Building	7 HEROLD LAW, PA
21 Blue Mill Road	BY: ROBERT F. SIMON, ESQUIRE  8 Attorney for the Objectors: SGSL, LLC; Harsh and
New Vernon, New Jersey Commencing at 8:05 p.m.	Nina Bansal; Michael and Susan Koeneke; David
BOARD MEMBERS PRESENT:	9 and Eunice Conine; Brian and Christina McKittrick; Livio Saganic and Christel Engel;
MICHAEL FLANAGAN, Chairman	10 James M. Carifa and Sarah G. Conine;
ARIC ROSENBAUM RITA CHIPPERSON	Ted Cotton
DAN MASELLI ALF NEWLIN	12
TOM ADDONIZIO	13 14
ELIZABETH SOVOLOS HUGH SYMONDS	15
ALSO PRESENT: LORI TAGLAIRINO, Board Administrator	16 17
PAUL D. FOX, P.E., CME M. McKINLEY MERTZ, PP, AICP	18
Communication and Communication Communications and Communication Communi	19
	20 21
PRECISION REPORTING SERVICE	22
Certified Shorthand Reporters (908) 642-4299	23 24
	25
Page 3	Page 4
1 INDEX	1 CHAIRMAN FLANAGAN: All right. Next up is
WITNESS: PAGE	2 the New York SMSA Verizon Wireless application 17-18.  3 MR. SCHNEIDER: Good evening Mr. Chairman
3	3 MR. SCHNEIDER: Good evening, Mr. Chairman. 4 CHAIRMAN FLANAGAN: Welcome. Remind me where
4 JAMES MURAWSKI BY Mr. Schneider	5 we left off. As I recall we had your RF engineer, she
5 By The Board36	6 was going to come back and I now recall was not
BY Mr. Simon80	7 available this month, so she will come back next month,
6 7	8 I guess, with alternative sites. So now we are going
8	9 to hear from your —
9 EVILIDATE	10 MR. SCHNEIDER: Site plan engineer. You're
EXHIBITS 10	11 correct, Mr. Chairman. Ms. Boschulte, the applicant's
IN EVD. DESCRIPTION PAGE	12 RF engineer has previously testified. She was out of town on vacation this month. So as we indicated last
11	time rather than lose a month we'll go a little bit out
No Exhibits were marked	of turn, and we just have one witness this evening, our
14	16 site plan engineer.
15	17 CHAIRMAN FLANAGAN: This is the night when
16 17 AUDIENCE MEMBERS:	18 I have three hours.
18	19 MR. SCHNEIDER: I know. I was waiting for
19	you to say that.
20 21	21 CHAIRMAN FLANAGAN: As we discuss shot
22	22 clocks and timings we're –  23 MR, SCHNEIDER: Well, sometimes timing
23	23 MR. SCHNEIDER: Well, sometimes timing 24 doesn't always work out.
24	,
25	25 CHAIRMAN FLANAGAN: So understood. We're

Page 5 Page 6 CHAIRMAN FLANAGAN: Wow. Ambitious. So 1 1 doing everything we can to get your application done as 2 it's worth mentioning, and thank you for bringing that 2 quickly as possible. up, in order for - if you were to vote on this, and I 3 MR. SCHNEIDER: And I appreciate that, and 3 4 don't know if you may, in order to vote you need to 4 if all goes well, famous last words, maybe we'll be thankful for an early night. I don't know that that's 5 hear all of the testimony, right, and you can do that 5 6 either through the transcript - I guess simply reading 6 7 the transcripts with suffice. Typically we don't have 7 So as I indicated we only have one witness, 8 transcripts because it's not - they don't bring a 8 that's the applicant's site plan engineer, Mr. Jim 9 stenographer, so you can also listen to recordings, 9 Murawski. That's all I have for this evening, so 10 which Lori can provide you with. So if you ever miss a unless there's any procedural questions or housekeeping 10 11 meeting Lori can provide you with the recording or you 11 matters we can proceed with Mr. Murawski. I do note it 12 can read the transcripts. 12 looks like we have maybe a new Board member? CHAIRMAN FLANAGAN: We do. So Ms. Sovolos, 13 MR. SCHNEIDER: The transcripts are usually 13 14 faster, quicker and easier and less painful, so we'll 14 did I say that correctly? 15 continue to provide transcripts. So with that 15 BOARD MEMBER SOVOLOS: Yes. 16 background, Mr. Chairman, I'd like to call Mr. James 16 CHAIRMAN FLANAGAN: Has just joined us. 17 Murawski. She has joined us since Phil retired last month. Aric 17 18 CHAIRMAN FLANAGAN: If I can just say one had been moved up to a voting member from an alternate, 18 19 thing for the members of the public, you will recall 19 so Ms. Sovolos is now the second alternate. Who's the 20 that the procedure here is applicants will present 20 first alternate? Tom, you have moved up, too. 21 witnesses, will present testimony, will ask questions. MR. SCHNEIDER: I would just note that we 21 22 We will then go to Mr. Simon who will have questions, 22 have for the new Board members a benefit, we have 23 I'm sure, and then we'll have an opportunity for the 23 provided transcripts of all the three prior public 24 public to ask questions. Please, if you can bring your 24 hearings. 25 first witness. 25 BOARD MEMBER SOVOLOS: I've read them. Page 8 Page 7 1 and experience in the field of civil engineering, 1 MR. SCHNEIDER: Mr. Murawski? 2 MR. PURCELL: Please state your name. 2 including specific experience in the field of wireless MR. MURAWSKI: James Murawski, 3 3 CHAIRMAN FLANAGAN: And if we can save a 4 4 M-u-r-a-w-s-k-i. 5 little bit of time, Mr. Murawski, have you appeared 5 MR. PURCELL: Do you swear to tell the 6 truth and nothing but the truth so help you God? 6 before this Board before? 7 A. I have not. 7 THE WITNESS: I do. MR. SCHNEIDER: His partner was here last 8 JAMES MURAWSKI, having been duly sworn, 8 9 month. 9 testifies as follows: 10 THE WITNESS: I was at the site visit with EXAMINATION BY MR. SCHNEIDER: 10 11 O. Mr. Murawski, if you can be seated here for the Board. 11 CHAIRMAN FLANAGAN: Maybe that was it. 12 a second. Let me just take a couple of brief moments 12 13 A. That may be it. So I have a Bachelor's and if I may just to qualify you for purposes of tonight's 13 14 proceedings. What is your profession? 14 Master's Degree from Manhattan College, graduated in 15 1977. I have over 40 years experience in civil and 15 A. I am a civil engineer licensed in the state 16 structural engineering. 16 of New Jersey. 17 CHAIRMAN FLANAGAN: We'll accept him as an Q. And by whom are you employed? 17 18 18 A. A firm by the name of E2 Project expert. 19 MR. SCHNEIDER: Thank you. Mr. Simon, I 19 Management. Q. And I'm assuming that E2 Project Management 20 assume you have no issues? 20 MR. SIMON: I have no issues. Well, I have 21 is the firm that is the preparer of the site plan that 21 22 a lot of issues but none with the witness. 22 is before the Board; is that correct? 23 MR. SCHNEIDER: Hopefully none with me. 23 A. That's correct. Q. And hopefully briefly and concisely can you 24 BY MR. SCHNEIDER: 24 25 Q. Let's start. You are the preparer or your 25 provide the Board with the benefit of your education

Page 9 Page 10 1 firm is the preparer of the site plan that is presently 1 you were the individual who was in attendance when the 2 before the Board? 2 Board conducted its site visit on January 27th? 3 A. That's correct. 3 A. I was. That's correct. 4 Q. And in conjunction with your testimony here 4 Q. Okay. With that background in mind and 5 this evening are you generally familiar with the site 5 maybe now would be the appropriate point in time to 6 conditions that exist at the subject property, that 6 mount the site plan. Why don't we get that mounted? 7 being the Harding -- commonly referred to as the CHAIRMAN FLANAGAN: Lori, can you put that 7 8 Harding Township DPW property? 8 on the projection -- oh, Lori's not here. 9 A. I am. 9 Lori, do you have an electronic version of 10 Q. And I assume that for purposes of preparing 10 the site plan? 11 the site plan and appearing here this evening that you 11 SECRETARY TAGLAIRINO: I believe. So let's 12 are generally familiar with the relevant ordinances of 12 go through everything and we can figure it out. 13 Harding Township to the extent they impact this 13 MR. SCHNEIDER: I'm not being rude. I'm 14 application? 14 just checking. Lori, I think I had emailed you a final 15 Correct. 15 set on April 10th. I had copied Paul on it. It was 16 Q. And you've had the opportunity to review 16 the final version of the plans. 17 the respective review reports that have been issued to 17 ADMINISTRATOR TAGLAIRINO: This is probably 18 date by the both the township planner and the township 18 it. Is that it? 19 engineer? 19 THE WITNESS: It looks like it. Could you 20 A. I have. 20 just scroll down to the revision box? Yes, that's it. 21 Q. Okay. And in conjunction with your 21 Thank you. 22 preparation of the site plan you've had the opportunity 22 ADMINISTRATOR TAGLAIRINO: Okay. How far 23 to previously visit the site; correct? 23 do you want us to go? 24 A. I have. 24 THE WITNESS: You can stay right there for 25 Q. And as you just indicated to the Chairman 25 now. Thank you. Page 11 Page 12 1 MR. SCHNEIDER: Okay. Jim, and Counsel, I 1 area. It has some gravel parking as illustrated on our 2 presume since these plans are on record there's no 2 plan, and there are two structures one being a small 3 specific reason to mark these; correct? 3 house museum. The other structure I don't know what it 4 MR. PURCELL: Correct. 4 is off the top of my head, I forget. 5 BY MR. SCHNEIDER: 5 As you continue driving through the 6 Q. Jim, let me just ask if you can, the Board property where it necks and opens up again is kind of 6 7 certainly is familiar with the Harding DPW property, 7 like the dividing line between the open portion of the 8 but for --8 property and the DPW yard. It's a DPW yard as well as 9 MR. SIMON: Excuse me one second. I'm 9 what appears to be a recycling drop-off point. The DPW 10 sorry. Rich, could you please have him identify the 10 yard has several structures, a rather large garage use 11 last revision date? 11 for vehicle and equipment maintenance, has a salt 12 MR. SCHNEIDER: Sure. 12 storage shed, has a recycling or two recycling sheds, 13 THE WITNESS: March 4th, 2019. 13 it has a re-fueling station, and it has a small fenced 14 MR. SIMON: Thank you. 14 in impound yard in the corner. 15 BY MR. SCHNEIDER: 15 Q. In looking at the plan that's before the 16 Q. Jim, obviously everyone's familiar, I 16 Board what jumps out at me Jim, and correct me if I'm 17 think, with the property but for purposes of the record 17 wrong, is really to a large extent a segregation of the 18 if you would be kind enough just to provide the Board 18 portion of the property that's devoted to the 19 with a general description of the subject property in 19 historical use versus what's clearly the more intensive 20 terms of its lot layout and existing uses? 20 portion of the property that's being devoted to the DPW 21 A. Sure. As we're probably all aware the 21 yard and related, the DPW uses and related uses; is 22 entrance to this property is off of Millbrook Road near 22 that a fair statement? 23 the intersection of Millbrook and Village Road. As you 23 A. That is a fair statement. 24 enter the property off of Millbrook Road you drive 24 Q. And you didn't mention this, but the 25 through a primarily open parcel about two acres in 25 subject property is located in the PL Zone; is that

1 correct?

- A. That's correct.
  - Q. Okay. And are there any bulk requirements that are applicable to the PL Zone?
  - There are none.
- Q. Just so we're clear then, the DP I'm
  sorry, the PL Zone has no setback requirements, has no
  height requirements, has no maximum impervious coverage
  requirements, no other bulk requirements that would
  generally be applicable to other uses, or other types
  of uses in other zones; is that correct?
  - A. That's correct.
  - Q. Okay. Now, focusing our attention and just so we're clear, the wireless communications facility that's proposed here is totally devoted or totally located within the portion of the subject subject property that's devoted to the DPW use as compared to the historic structure; is that correct?
    - A. That's correct.
- you why don't you then for purposes of the record take
  us through, at least initially, where the compound is
  proposed to be located? And just for purposes of
  clarification and edification the location that you're
  about to describe was the exact same location that was

Q. Okay. Without me hopefully interrupting

- reviewed with the Board at its site visit on
- 2 January 27th?

- That's correct.
- Q. So without me interrupting you both either, you know, in terms of what's mounted or what's shown on the screen, if you can just generally take us, show us where that location is at least initially?
- A. Sure. Well, for the record the plans that were submitted, the one that's up on the screen and the one that's first on my Board is sheet SP-1. It illustrates the entire parcel in the PL Zone. The back portion of the parcel where the DPW yard is is a recycling drop-off shed, which I am pointing to. I don't have a clicker, I apologize. I meant to bring one.

CHAIRMAN FLANAGAN: I think we know which -- point to it on your -- the printed version you have. Okay.

A. So it's kind of clear to see the landscaping that we're proposing, the green tree-like structures. It's between the proposed landscaping and the back of the recycling drop-off shed. Right now that area is currently unused. It has an array of miscellaneous trees and shrubs, and some debris from I wouldn't call it debris, miscellaneous equipment that

#### Page 15

Page 13

the DPW stores there.

It's probably a good idea to turn to sheet SP-2 now, which is the next sheet in the segment. Thank you. So that's an enlargement of the plan illustrated on SP-1. And what we're proposing, what we were asked to propose was a multi-carrier compound. So we laid out in rectangular form to conform with the allotted space. And the location shows it by the municipal bid, a 30-by-60-fenced-in compound where all of Verizon's equipment will be located, and we're illustrating areas by dashed rectangular boxes that are proposed for future collocation. We're not building anything for collocators, those are just dashed areas illustrating an ample amount of space for three additional carriers.

- Q. Okay. So just so we're clear you mentioned 30 by 60. So the compound inclusive of the proposed tower, the Verizon Wireless equipment, and the potential accommodation of up to at least three collocators would all be located within that 30 by 60, or approximately 1800-square foot compound; is that correct?
- That's correct.
- Q. Okay. And before we get into some of the relevant details of what's being specifically proposed

Page 16

- by Verizon Wireless, what -- I believe there has been a
   change from the date of the original submission in
   terms of the type of fencing that was originally
   proposed versus what is now proposed, perhaps in part
   responding to some at least question that might have
   arisen during the site visit?
  - A. That's correct. We are now proposing an 8-foot tall, wood-board composite, board-on-board, fence-like structure.
  - Q. It was originally chain-link; is that correct?
  - A. Yes.
- Q. Ok. So we changed that to board-on-board.

  Okay. How -- is there a gate that accesses the
  facility?
  - A. Sure. There will be two, one on each end in the 30-foot wide section. It's approximately located in the center of the 30-foot wide section. There will be two 6-foot gates.
  - Q. And can you then take us through in terms of the how the compound is laid out both in terms of where the proposed tower is and where the Verizon Wireless equipment cabinetry would be proposed to be located?
    - A. Sure. So for a multi-carrier compound it's

efficient to locate the pole structure approximately in the middle to accommodate other carriers accessing the pole from other sides. So Verizon being the first carrier is simply is going to take the northeast quadrant of the compound, and if you look closely at the layer you'll see three rectangular —

illustrated.

CHAIRMAN FLANAGAN: Lori, can you zoom in on that?

#### SECRETARY TAGLAIRINO: Yep.

A. So you see where the tower's going there's a very short cable bridge going from the tower to Verizon's equipment. Those are three equipment cabinets. Only two would be installed now and there's room or provisions for a third cabinet in the future, if needed. The cabinets sit on a concrete pad at grade under a small steel canopy.

Adjacent to the three cabinets is another small structure housing or supporting interface cabinets, one for power, and one for telephone.

Adjacent to that in the most northeast corner, thank you, is a 30KW, 30-kilowatt-gas-fired emergency generator also sitting at grade on a concrete pad.

Q. And it is — by the way, just if I can interrupt. The intention — anticipating perhaps a question — the intention would be that that would be

natural gas as distinct from diesel; is that correct?

A. Yes. We'll talk more about the generator after we do an overview.

#### Q. Okay.

A. So in the south-east corner the cabinet with a few doors on it is an interface cabinet between the wireless function and the landline function. That interface cabinet is provided by Verizon landline and is made available for Verizon Wireless obviously and for other collocators as well to interface with the landline

We're proposing to access the site from the existing — if you can just zoom out a bit. We're proposing to construct a walkway from the access road. So in terms of Verizon personnel visiting the site normally that's once every four to six weeks. A single technician in his personal vehicle arrives, parks where he can and enters the site. There's no other really regular scheduled maintenance other than that. So just a single walkway and we don't really need any dedicated parking. There's enough open space there for a car to park somewhere or nearby.

So also on this sheet is an elevation view of what we proposed at the time of a standard tree pole. So it was our understanding when we entered into

#### Page 19

this design that it would be a 140-foot structure, with Verizon being the carrier at the 138-foot level, and we illustrated potential locations for future collocation. Normally those antennas are 10-foot separation. That's just an industry standard, and that's what we

So this particular tree pole, it's a standard design. There is one other tree pole in existence other than this one, but this is the one we had chosen at the beginning. The branching would start at about elevation 65. Normally you would start the branching in the neighborhood of the height of the trees that are on-site now.

The diameter of the branching is approximately 20 feet. They're nominally 10-foot wide branching. So 10-foot on each side, plus the pole diameter. The pole diameter tapers. A tree pole is a rather robust structure. The base of the pole would be approximately 5-foot in diameter. The top of the pole at 140 feet would be approximately 18 inches in diameter. And it's a uniform taper from bottom to top.

The branching extends above 140 to create a conical appearance, simply for aesthetics. The structure of the pole is steel. It's painted brown normally. Its design to simulate an evergreen tree so

Page 20

the branching is all green, pine needles, and brown fiberglass branches.

Q. Just before you leave the tree profile of whatever tower it is, I see -- I just want to go back to this collocation matter that you raised. The tower is designed to accommodate or at least show us conceptually antennas at 128, 118, 108 and 98. So there's 10-foot separations and probably over doing this, but at least the potential to accommodate up to four other wireless carriers; correct?

#### A. Correct.

Q. But in addition to that there's a reference on the plan to an area of -- an area of the tower available to relocate municipal antennas at existing heights. So there is -- am I to understand that there's an additional area that would be made available free of charge to the township of Harding if at a certain point in time it chooses to utilize this tower for emergency service antennas?

A. That's correct.

Q. Okay. And that area at this point is designated in the area of below the 88-foot above ground level elevation; is that correct?

A. That's correct.

Q. Okay I'm sorry. Go ahead.

A. Okay. So a third sheet I wanted to talk about is labeled L-1. It's the landscaping plan. And the only reason I have it as a third sheet is because it's a sheet that we added, wasn't part of the original submission. And we thought it would be appropriate to dress up the landscaping between the fence line and the property line, which is currently a mixture of overgrown small trees and large trees, and it's not at all maintained. So Verizon is offering to clean that area up to the extent practical, landscape it with a combination of flowering trees, evergreen trees, and flowering shrubs.

The only caveat is we did not submit this to the DPW yet or the township. We're only presenting it to this Board. It has not been submitted to the township or the DPW yard yet.

Q. Jim, let me -- while you're on the subject of the compound, and before we get into some of the details associated with the Verizon Wireless equipment cabinetry, without getting into the formal legalities of the Harding Township wireless communication ordinance, Harding Township does regulate wireless communication towers in certain zones as a conditional use. We're not in those zones so one certainly can take the position that those ordinance provisions don't

apply, but to the extent that they provide some guidance to the Board in terms of some of the site plan details let me ask you this. The maximum compound size under the ordinance is 2,500-square feet. So this compound being designed at 1800-square feet would be in compliance with that provision of the ordinance; is that correct?

#### A. That's correct.

Q. Okay. We can defer this for a second, but just for edification purposes, the maximum height of the cabinetry of any particular carrier is a maximum height of 12 feet. Would we, and we can get to this in a little more detail, would we be in compliance with that provision of the ordinance?

#### A. We would be.

Q. There is a landscaping requirement, although one would reasonably interpret the landscaping requirement to say that the landscaping is only required when necessary to shield it from a public view. One certainly can argue that its location behind the shed as you described is not one which is really subject to a public view, nevertheless if you can just maybe briefly and concisely just take us through what is proposed in terms of landscaping with the specific understanding that obviously that would — subject to

Page 23

two things: One, approval of the township and/or the DPW, and certainly any additional recommendations that would be made by either the township engineer or planner if they so choose in terms of any supplemental landscaping?

A. Sure. So I just want to caveat this once more. I am not a landscape architect, but we do have a landscape designer in the office that did this design for us. I'm simply presenting it. So, the circles, there's five of them along the south fence line, those are Hollies. They're being purchased at a 6-foot height, and they're evergreen, they're not deciduous.

Behind the Hollies is a row of shrubs that are Hydrangeas. To me a Hydrangea was always a broad leaf, very green broadleaf plant with summer flowers that we used to call snowball bushes, except these are the conical-shaped flowers. So it's a slight variation.

Behind that is a Serviceberry, which is a springtime flowering tree that has red to orange leaves in the Fall. So it flowers in the Spring, green leaves throughout the Summer, red to orange leaves in the Fall. The entrance walkway to the side are proposed additional shrubs which are low hedge that have a Springtime white flower.

Page 24

CHAIRMAN FLANAGAN: Thank you.

THE WITNESS: That's real about it. Wait,
I'm missing one. Sorry. There's a Sienna in here
somewhere.

BOARD MEMBER MASELLI: Off the corner?
THE WITNESS: Okay. There's two here and
there's two here. Those are cedar trees or Alaskan
Cedar Trees. They're being purchased at a 6-foot
height, and they can grow up to 20-foot. They're
evergreen trees. That's what we're proposing.

CHAIRMAN FLANAGAN: Great.

BY MR. SCHNEIDER:

Q. Let's turn our attention to, you described the tower, the collocation, the relevant dimensions of the proposed tree pole, if it remains a tree pole. Regardless of whether the pole is in that design, the applicant requires certain equipment cabinets at ground level. You took us through that in some detail. Can you just maybe briefly review that in terms of its physical appearance? You've indicated what their purpose is, but maybe just take us through that and now you're referring to Sheet C-1, I see?

A. I've opened up our plans to Sheet C-1, which is an enlargement of the proposed equipment and the canopy over the equipment cabinets. So the three

1

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

- 1 cabinets that I was referring to on the overall plan,
- 2 one of them is a radio cabinet. One will be a battery
- 3 cabinet, and there's space dedicated to a second
- 4 battery cabinet in the future, if needed. Adjacent to
- 5 that is a rack, this is an elevation view of the rack.
- 6 These are, if I may, just fence posts with unistrut,
- 7 what we call unistrut, which is just a metal assembly 8
  - element which allows cabinets to be bolted to it so
- 9 we'll have a power cabinet, we'll have a telecom
- 10 interface cabinet, and there's another cabinet that's 11 simply used for the techs to store paperwork in. That's

12 all that's supporting on that.

13 Over the three equipment cabinets is a

14 metal canopy. There's a plan of it in the upper 15 right-hand corner. It's 10-feet long, 9-foot wide, and

16 it stands 9-foot tall. Nine-foot tall is a flexible

17 number. We throw it up just for head room purposes.

Over the racks is a much smaller canopy of

the same nature as this canopy, only much narrower. It keeps the weather off of the equipment. It keeps the

21 whether off of the technician that might be servicing

22 the equipment. And it protects the equipment from any

23 type of falling debris.

18

19

20

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

24 Q. Just to put the cabinetry in some 25

perspective, Jim, when Verizon originally was proposing

its earlier facilities, and frankly up until relatively

Page 26

2 recently, they utilized a much larger footprint. They

3 historically used an equipment shelter. So now these

4 cabinets are the new design, and has the use of

5 cabinetry with these much smaller footprint generally 6

consisted with the cabinetry that's being utilized by

7 the other wireless carriers? 8

A. It's very similar.

Q. So the Board would have a reasonable degree of comfort that the cabinetry and footprint of the other collocators would be consistent with that which is being proposed by Verizon Wireless; correct?

A. That's correct.

Q. Okay. Is there any -- aside from a minor warning sign, when I say warning sign just by identification of the site for Verizon Wireless, is there any advertising or other signage proposed by the applicant?

A. No, there is not.

Q. Okay. One of the questions that Mr. Fox referenced in his review report was whether there was any lighting that was proposed. If so, what kind of --I don't know whether he asked it, but I'll ask it, whether there's any timing associated or how is the light timed in terms of when they're on or off?

#### Page 27

A. So the lighting that we called out on our plan is nothing more than directed task lighting. It's an LED spotlight, two heads that you can direct, they're flexible. You direct to whatever cabinet you need to open it up. It's only used in the event that there's an issue in the night when you have to open up a cabinet and do some type of maintenance to it. otherwise it's not on at all. It's controlled by a timer, and a manual switch. So if you forget to turn it off the timer will turn it off for you. It's a very low wattage because it's an LED light, and it's probably similar to a hundred watt light bulb in terms of brightness. There's no other lighting proposed.

- Q. Okay. And by the way, I neglected to ask you this, but for purposes of the tower there is no lighting proposed for a tower, nor would there be one required by FAA regulations; is that correct?
  - A. That's correct.
- Q. So there's no beacon lighting or any required striping by virtue of the height and the location of this tower?
- A. That's correct.
- Q. Let me do a couple of cleanup things. Turning your attention back to the tower there is a specific structural code provision that is unique to

Page 28 wireless communication which requires compliance with

1 2 this code that's specific to Verizon. Can we safely

3 assume that the tower inclusive of the number of

4 collocators will be designed to be in conformance with 5

this updated, I think we're up to Rev G now? Okay. So 6 the tower would be in compliance with that code

7 provision, obviously?

> A. Yes. It's a unique code typical to transmission towers or any tower supporting a wireless

> > PUBLIC VOICE: Just speak up, please.

THE WITNESS: Shall I repeat that? So the design criteria is unique to the wireless industry, and we're obligated to meet that criteria. It is required by the building code of the state of New Jersey. It requires the tower to be designed in accordance with a certain environmental criteria like wind loading and seismic loading and naturally this tower will be designed to conform to that loading criteria.

Q. Okay. And --

CHAIRMAN FLANAGAN: Can I -- does that microphone work? Do you want to just take that one that's on the stand by Mr. Simon? If they can't hear you in the back they're not going to be able to hear you on the recording either. You can take the stand as

Page 34

1 MR. FOX: That's correct. 2

BY MR. SCHNEIDER:

- Q. Jim, you alluded to some of the operational aspects of how the site operates. Let me just confirm for those who may not be familiar. The site is not habited, there's nobody there 24 hours, seven days a week; correct?
  - A. Correct.
  - Q. The site is, however, remotely monitored?
- 10 A. Correct.

3

4

5

6

7

8

9

14

15

16

17

18

19

20

21

22

23

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

- 11 Q. There's an alarm system that's remotely 12 monitored or at the central switching stations at 13 Verizon; is that correct?
  - Correct.
  - Q. There's no water or sewer service that's required?
  - Correct.
    - Q. And the only required, absent an emergency situation which would obviously, hopefully be rare, the only required maintenance to the site would be the approximate once every four to six weeks maintenance visit that would be undertaken by the cell site technician just to check on things; is that correct?
- 24 A. That's correct.
  - Okay. Let's deal affirmatively

- anticipating a couple of questions before we conclude
- 2 your testimony. You have presented the tree option at
- 3 the 140-foot elevation based on the bid and the
- 4 original plan. Suffice it to say the Board has asked
- 5 the applicant to consider various other tower design 6
- alternatives which we'll classify in the category of to 7 be determined. Can you maybe briefly summarize -- and
- 8 you've been here for all of the prior public hearings;
- 9 correct?

1

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Shopping Center.

A. Correct. Q. Can you briefly summarize some of the options in some better level of detail than I've provided in terms of what other design options are realistically available if the Board chose not to go in the route of a tree? And to put some context of that it seems that there have been what I'll say is at least three options that have been somewhat discussed. The first would be the strict or straight forward monopole without the tree; the second would be the monopole with the cluster mount design, in other words, the antennas being very close to the pole itself; and the third which has elicited some interest was the flagpole in a substantially similar design to that which is located at the Green Village Fire Department and the King

Page 35

Can you take us through in some very basic summary manner the design differences between the three and some basic scope in terms of dimensions and things along those lines?

A. Sure. The simplest form of a wireless structure is a straight monopole. It's essentially a tree pole without the branches, although it's more of a slenderer structure. The base of this tree pole would be 5-foot in diameter. The base of the monopole would probably be more in the lines of 4-foot in diameter, tapering to 18 inches at the top.

The platform -- the antennas would be mounted to what we call a low profile platform, or it could be mounted to some simple device that we call a T-arm. There are various ways to support antennas on monopoles. We like to use what we call a low profile platform because it has some surface for a climber to sit on if he's installing, un-installing, or replacing a device that's located at the top of the tower.

The tower itself would be galvanized, making it silvery in color. So would all of the attaching hardware. The antennas in this case normally are white. And that's relatively true for any other carriers that may follow. There's no camouflage on a straight monopole.

Page 36

A cluster mount is the very same monopole with the antennas and the equipment instead of being out from the center of the pole approximately 6 to 8 feet away from the pole, they're brought in tight to the perimeter of the pole, as tight as their physical geometry allows. That's called a cluster mount. And that dimension bringing it tight to the pole is nominally 2 feet away from the pole.

So with today's technology a cluster mount can maybe accommodate six antennas. Verizon obviously would like to deploy 12. In addition to Verizon's 12 antennas they would like to deploy 12 remote radioheads, which are small electronic devices that they would like to install as close to the antenna as possible to reduce line loss. So you would reduce the RF configuration from 12 to six antennas, so it's a slight detriment, and then you would have the ROHs there as well. So you can put the ROHs in the same spot that the antennas are. So the ROHs are a little bit above or a little bit below. So the cluster mount today is a fair amount more crowded than the cluster mounts of just a few years ago. And all the cabling between the ROH units and the antennas are exposed. And that would be true for -

BOARD MEMBER NEWLIN: What's an ROH unit

down below.

Page 38

1 for?

THE WITNESS: It's termed -- it's termed -- we call it ROH. It's short for remote radiohead. It's an electronic device that's approximately I'm going to say 2-foot plus tall, approximately 10-inches wide, approximately 10-inches deep. It's -- I can't tell you how it functions.

BOARD MEMBER NEWLIN: What does it do? THE WITNESS: I believe it reduces line loss by taking the radio function that's normally or used to be on ground level and bring in the radio function right next to the antenna, so that line loss of a hundred or so feet, 110 feet, 120 feet disappears.

CHAIRMAN FLANAGAN: Dr. Eisenstein, what does an ROH do?

DR. EISENSTEIN: It's an amplifier. What it does is by putting it close to the antenna you amplify the signal before the signal gets attenuated by going down maybe 150 feet of wire. So even though these cables are quite large and there's still a fairly substantial loss at the frequencies that we're talking about. So when the antenna gets to what amounts to a very weak signal, remember the signal that it's getting is coming from the mobile phone. This little tiny transmitter. It's getting a very weak signal. If you

put that week signal through the cable and then try and process it in the radio then you've lost a lot of the signal going down the cable and that shortens the range of the site. So instead by putting the radioheads up at the top the signal comes in and goes to a very short distance of wire, and then it goes into an amplifier, and the amplified signal is sent down. So now you have much better signal to noise ratio at the processors

BOARD MEMBER NEWLIN: Does that mean by any chance that the cables can be thinner?

DR. EISENSTEIN: I think they do make them a little bit thinner. The transmit cables they still have to be fatter because there you're sending some power up and they have to be able to accommodate the wattage.

These are all — I should say, this is all sort of like a package. You know, like if you go to not Toys"R"Us but Antennas"R"Us or something like that and they buy these things as a package and the cables and the radioheads and the amplifiers and the equipment are all sold as a package. Everything is designed appropriately.

BOARD MEMBER CHIPPERSON: So for the coverage maps that we saw, how do these play into that

Page 39

coverage map? Was that including these are not including?

MR. SCHNEIDER: Yes. They were included in the design.

BOARD MEMBER CHIPPERSON: So if we had a design that did not have 12 radioheads the coverage map would be less than what we saw?

DR. EISENSTEIN: Well, we're talking about two different things. The propagation plots all include radioheads these days. That's the only way they're really building the antennas. If you did not have the radioheads you'd have a much smaller footprint of coverage because of the losses in the wire. So that's one thing.

The reason for the 12 antennas is so they can do something called spacial diversity. What that enables the provider to do is if there is interference between the mobile and the mobile user and the antenna site that interference often interference as opposed to noise. Interference is usually man-made. So it could be a piece of equipment that turns on all of a sudden. It could be a passing truck that reflects a signal in a bad way. The idea of getting spacial diversity is that the signals that come in separated by some distance will not have the same interference on them, and as a

Page 40

result the computers down below will be able to resolve
the signal better. So it gives them better resolution
of the signal. When we're talking about data
transmission, that means you don't have to do as much
repeat, you know, repeat, repeat, repeat, repeat, and
that gives you the effect of faster transmission.

So when you bring in on a cluster mount

So when you bring in on a cluster mount you're giving up that spacial diversity which does not affect propagation but it affects the speed at which you can handle data on your mobile device. Is that okay?

BOARD MEMBER CHIPPERSON: Thank you.

CHAIRMAN FLANAGAN: You make this engineering fun, Dr. Eisenstein. (Laughter.)

DR. EISENSTEIN: Yea, I know. You're all welcome to take my course. I'm teaching it right now — well, not as we speak, but I had a class this afternoon.

BOARD MEMBER NEWLIN: The question is will we get a guaranteed pass?

DR. EISENSTEIN: Well, I don't know about a guaranteed pass. We'll charge you full tuition.

 $\label{eq:mr} \mbox{MR. SCHNEIDER: At how many dollars per credit?}$ 

DR. EISENSTEIN: It's only \$49,000 a year.

Page 41 Page 42 1 (Laughter.) 1 THE WITNESS: So we also call it a 2 BY MR. SCHNEIDER: 2 uni-pole, uni being uniform instead of a flagpole, 3 Q. Mr. Murawski, let me just conclude. You 3 instead of a flagless-type flagpole we refer to it as a 4 have gone through --4 uni-pole. So basically a uni-pole is a fiberglass pole 5 A. We didn't talk about the other option. 5 for the top I'm going to say 50 feet because it depends 6 Q. That's what I was going to get to. The 6 on how we design it and who we design it for. So it's 7 third option that has been discussed, or at least made 7 a 50-foot fiberglass section sitting on top of a steel 8 inquiry by the Board is that of the flagpole, whether 8 base. So if it's 150-foot pole the steel base would be it's a flagless flagpole or a flagpole. So there was 9 9 a hundred-foot tall supporting a 50-foot fiberglass 10 some previous discussion, I think, in part by the 10 section. And the fiberglass section is broken into 11 Chairman about some details about how the flagpole 11 components or slots. The slots or components are 12 works in terms of some dimensions and things like that. 12 nominally 10-foot in height, and each 10-foot segment 13 I asked you to provide some details in terms of 13 is dedicated to a set of antennas. 14 up-to-date general specifications of what's involved in 14 A fiberglass section generally reaches its 15 15 the flagpole, so why don't you take us through that. limits at about 50 feet, which accommodates five, 16 16 BOARD MEMBER NEWLIN: Mr. Schneider, just 10-foot segments. Verizon would normally in all the 17 for clarification, is it the case that the tower at the 17 flagpole designs that I've been involved with, normally 18 Green Village Fire Department and the tower at the 18 take up two of those segments, leaving three for 19 19 collocation. Verizon takes up two segments because Mendham Kings both are considered flagpoles? 20 20 they put three antennas per segment to get the coverage MR. SCHNEIDER: That's correct. 21 21 that they need. BOARD MEMBER NEWLIN: The one at Mendham 22 22 The other aspect of a uni-pole is they are seemed quite wide. It's still a flagpole. 23 23 MR. SCHNEIDER: That's what I'm referring extendible, yes. I would -- our firm would recommend 24 24 that a uni-pole be constructed to its maximum designed to as a flagpole design. 25 25 BOARD MEMBER NEWLIN: Thank you. height from the beginning, and that the initial carrier Page 43 Page 44 1 be installed at the top. This facilitates collocation 1 effectuating an extension of the flagpole. And not to 2 to a large degree, such that you're not passing a 2 play engineer, that's a function of once the antennas 3 collocator's cabling past another carrier's antennas. 3 of carrier A and B are in there it would be extremely 4 So it has some limitations in terms of collocation. 4 difficult and create a lot of logistical issues to try 5 The other thing worth noting is since we 5 to put a third carrier on top and run their cables 6 just had an education on what an ROH unit is. The ROH 6 interior to the flagpole through the existing hardware? 7 unit in this case would have to be installed at grade 7 A. That's where the difficulty comes in; 8 level. There's no room for them inside the cowling at 8 correct 9 the top of the fiberglass section. So depending on the 9 BOARD MEMBER NEWLIN: Can you not pre-wire 10 height the base of this would be 5 feet in diameter. 10 it? 11 11 At the top of the steel portion there would be 3 feet THE WITNESS: Say that again? 12 in diameter. I believe the Mendham pole is 36 inches 12 BOARD MEMBER NEWLIN: Can you pre-wire it? 13 at the top. It's a little robust. And it would stay 13 Just like you didn't want to extend later and you ran 14 at 36 inches for the entire fiberglass section. 14 all the wire? 15 BY MR. SCHNEIDER: 15 THE WITNESS: Naturally they can be, but -16 16 Q. Two follow-up questions just for those who BOARD MEMBER NEWLIN: People won't hook up 17 might not be familiar. Let's not talk about RF 17 to it? 18 impacts, but the obvious distinction of a flagpole for 18 THE WITNESS: No. BOARD MEMBER NEWLIN: Why not? 19 those not familiar is that all the antennas are 19 20 interior to the flagpole so that there's no exterior 20 THE WITNESS: So pre-wired for whom? What antennas showing on the outside; is that correct? 21 21 size cables and for how many antennas, and at what 22 A. That's correct. 22 23 23 Q. The other thing that you referenced, and CHAIRMAN FLANAGAN: So do different 24 Dr. Eisenstein spent a fair amount of time at the 24 carriers use different types of wires? 25 previous hearing, is there are inherent difficulties in 25 THE WITNESS: They might need different -

1

6

7

8

9

10

11

12

13

22

25

1

5

7

8

9

10

11

12

13

14

15

16

17

18

19

22

23

24

25

antennas.

well, the number is specific to the carrier's radio frequency design and the antennas that they deploy,

1

2

3

7

8

9

10

11

12

13

14

15

16

17.

18

19

20

21

22

23

24

25

1

2 3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

that's the number. The size is also -- correct me if I'm wrong, but unique to their equipment. So there's a

4 5 couple of sizes, five-eighths, there's seven -6 eighths. One of those two.

> BOARD MEMBER NEWLIN: Dr. Eisenstein, I ask you the question.

DR. EISENSTEIN: Well, first of all, I don't know if the carriers do or do not use different cables. I know that these cables, it's not like a wiring that you're thinking of for your home. These cables are about an inch or an inch and a quarter in diameter and they're very heavy. So I've never heard of pre-wiring. It's just putting an enormous amount of weight on the thing. It might be unnecessary. You would really have to wait until the next applicant came and they would have to work around it somehow.

BOARD MEMBER NEWLIN: But the argument is that we build at full height the pole as many as you can put in from the get-go versus putting building a smaller height for what is required today, and that other carrier may never come off. Who knows what's going to happen down the road.

DR. EISENSTEIN: Well, the idea would be

that - I would agree that the best bet would be to

2 build it at full height, put the first applicant on the

3 top and that way when you have the ones going

4 underneath they don't have to thread their cables past 5 the antennas.

BOARD MEMBER NEWLIN: But the downside is going to be the impact on the neighborhood. And this - what's the size? This tower is what? What's the total height?

THE WITNESS: The total what?

BOARD MEMBER NEWLIN: Total height?

THE WITNESS: It's what we want it to be.

DR. EISENSTEIN: I think he's talking about

14 140 feet. I don't think he understood the question. I 15 think he's talking about 140 feet and it will be built

16 at full height. But there is something he said and I

17 think it's important, and I think the Board ought to be

18 cognizant of that, because when you put all the

19 antennas inside the pole the antennas are at a very

20 small diameter, maybe 36 inches, which is the height of

21 the pole, and actually they're set back a little, which

means that you have very little circumference. So you

23 can only get three antennas at a particular radiation

24 height, and you have to go down to the next radiation

height to get the other three so they get their six.

## Page 47

So not only are they not getting their 12 they're using up two segments of vertical real estate to get the six antennas that they need. That means that at the height that we're talking about you're only going to be able to get two collocators on there.

> CHAIRMAN FLANAGAN: Two total. DR. EISENSTEIN: Two total.

CHAIRMAN FLANAGAN: The original plus.

DR. EISENSTEIN: So you're looking at essentially two collocators, two total would occupy four radiation heights.

MR. SCHNEIDER: So to play out that scenario, Dr. Eisenstein and myself and Mr. Simon dealt with this in Mendham. Essentially the way that would work is in rough numbers Verizon would take -- give me some leeway here -- 120 to 140; the next carrier would be 100 to 120; and a third carrier, and we can design it structurally for a third, would be -- because they're the last guy in town, would be at the 90-foot elevation. They may have to make some compromise on height but that's part and parcel of them being the

So we each take two, we take 120 to 140, the next carrier -- there may be some flexibility a foot or two, but essentially a hundred, to 120 for

Page 48

Page 46

carrier two, third carrier at a lower elevation.

2 CHAIRMAN FLANAGAN: Well, it's the third 3 carrier that can only fit three antenna. So why not just say instead of there being 50 feet with fiberglass 4 if three antennae suffice for the third carrier let's 6 say each of the three carriers only gets three

> DR. EISENSTEIN: They can't do three. The way the antennas are laid out it's directional. So they're putting it around the surface. You need both transmit and receive antennas. So what you would have is just hypothetically going around the pole you'd have the transmitting antennas at one height, or you put the receiving antennas at the higher height, and the transmit antennas at the lower height. So you need three in order to cover the 360 degrees.

CHAIRMAN FLANAGAN: So you need six. DR. EISENSTEIN: Need six, which at two different heights.

20 CHAIRMAN FLANAGAN: So having five slots is 21 a waste because you can only possibly use two.

> DR. EISENSTEIN: Well, I was going to say you might be able to get by with municipal services, but generally speaking I think you would probably agree with me in your experience, municipal antennas go

Page 49 outside even on a flagpole. Municipal antennas don't go inside. They're a totally different design. It's not something I'm very familiar with, but what I've seen is always the emergency services and municipal antennas stick out and up like that. CHAIRMAN FLANAGAN: I guess my question stands or the statement, I guess, to have five slots is a waste because you can only possibly get two carriers on each of them. So you may as well knock 10 feet off and make it 40 feet. DR. EISENSTEIN: The problem is there are in this area arguably four -- there may only be three -- providers, each one of which is entitled by this Board to equal treatment. So if you build design a pole that only will accommodate two, the third one if they choose to come in I would think would demand a pole. 

CHAIRMAN FLANAGAN: But I think if we

DR. EISENSTEIN: Well, so here's the way

design it with five slots with fiberglass we are

you can't get by with having just three antennas.

designing for all, because I think you just said that

I've advised Boards in the past. If you're going to go

to the flagpole design then what I would do would be to

recommend that you put another 10 feet of height on the

Page 50

thing, which first of all is compensated for because
the viewshed is vastly diminished by not having
antennas protruding. And to be honest about it, I
mean, I don't know how many times you as Board members,
or for that matter people in the audience, have gone
out and stood in front of these antennas, but I've done
this hundreds of times. I can't tell the difference
between 120 and 160 or 170. I mean, it's only when it
gets way out there. We have nothing to reference it
to.

So my recommendation to Boards has always

So my recommendation to Boards has always been if you want to go to a flagpole design give them an extra 10 feet and that way you can accommodate more collocators and visually it will not make that much of a difference.

CHAIRMAN FLANAGAN: That I misunderstood, because the testimony was the fiberglass can only be 50 feet, and each segment needs 10 feet, therefore you will have five segments.

DR. EISENSTEIN: I have to tell you tonight was the first I've heard of this fiberglass limitation on that. Maybe I can ask Mr. Murawski, do they make the fiberglass section at 60 feet?

THE WITNESS: I've never seen a 60 footer.

CHAIRMAN FLANAGAN: So then you're back to

Page 51

a case.

DR. EISENSTEIN: So you're back to 40 feet. He's right. There's no reason to do 50 feet.

BOARD MEMBER CHIPPERSON: Unless you can feet fit 10 feet inside the steel pole.

CHAIRMAN FLANAGAN: Can you put antennas –
DR. EISENSTEIN: Not inside. (Laughter) it
can't radiate out. You'd have to put it outside the
pole.

THE WITNESS: Just FYI in Mendham it's 130 with four slots on the top.

CHAIRMAN FLANAGAN: Yea. I mean, I can see why they did that.

DR. EISENSTEIN: So how many carriers do they have on there? Two? Yea.

THE WITNESS: But it's worth asking the question. So these are specialty structures that we can go back to one of the vendors, like EEI for example that does these designs and ask them if they can go to 60

DR. EISENSTEIN: Just to understand, if you're putting the antennas inside the pole then the material of the pole has to be radial transparent. So that's why you can't put it inside a -- if you're building a steel pole the antennas must go on the

Page 52

outside. If you build one of these modified fiberglass
poles the antennas can go on the inside because they're
transparent to the radio waves.

CHAIRMAN FLANAGAN: So unless you have six slots it only makes sense to have an even number of slots on that pole.

DR. EISENSTEIN: If you're going to do a flagpole.

CHAIRMAN FLANAGAN: Yes.

DR. EISENSTEIN: So I'll just repeat what I said. This is the first I've heard of the —

CHAIRMAN FLANAGAN: I'm sorry. Five is not an even number, right? I'm talking about slots, you're talking feet.

DR. EISENSTEIN: Five is not an even number.

CHAIRMAN FLANAGAN: Can we confirm that?

DR. EISENSTEIN: That is my professional opinion.

BOARD MEMBER CHIPPERSON: I have another question that goes back to the wiring. I understand that you don't want to wire it ahead of time, but in my mind I'll call it a conduit, but I don't know what it will be called in this context, but couldn't you have a chase or a conduit for each of the three carriers and

start at the top but have an area for each antenna and wiring set aside to facilitate installation?

THE WITNESS: Right. So the wiring inside these is not in a chase. A chase is round, and takes up probably more space than you would use. It would have a certain amount of voice in it. So it's a dedicated space. I understand the point you're making. You're dedicating space to run coax cables in, but it's not the most efficient way to do it. It's a wide-open, 36-inch diameter area that the best thing to do is to snake your cables as best you can past existing antennas. Sometimes that's not in a straight line. Sometimes you bend a little left you go straight, you bend a little right you go straight. It's the way they're done.

CHAIRMAN FLANAGAN: Okay. So maybe this is a legal question, but I hear you. It's more difficult.

So for the next guy to come in it's tougher if we go and make him do — put his antennas on top. Is it this Board's obligation to make it as easy as possible for that guy? Yes. So that if he comes back and he says, boy, I'd like to do this but it's really difficult, do we have an obligation to provide him with the simplest possible way to do this?

MR. PURCELL: No. I think --

CHAIRMAN FLANAGAN: So then tough luck, right?

MR. PURCELL: — from a legal perspective it benefits to have a structure that you can collocate on relatively easily so it reduces the need to have more towers.

CHAIRMAN FLANAGAN: But no, that's my question. So if someone comes in -- so if the next carrier comes in and says, gee, I'd really like to put antennas up, and we said perfect. There's two spot right on top of where Verizon's currently is, or I'm sorry they want to be below you, whatever it is. We already have two more slots for you waiting right on that tower. And he says, yeah, but that's really tough because I've got to maneuver cables through. Would any court in this State say we're not giving him a fair opportunity to locate his antenna because he didn't have an easiest possible way to snake the cables together?

DR. EISENSTEIN: Mr. Chairman, if I could, what you just said is you're assuming that they're building the full height Verizon on top and the next one comes in underneath. That's okay. So let's take the other scenario, the one I think you meant.

You build only to the height that Verizon

Page 55

needs with the extendible pole.

CHAIRMAN FLANAGAN: Right.

DR. EISENSTEIN: Next one comes in and says I want to go there. Here's what you do. You take the segment out where Verizon is, up it 10 feet, Verizon goes to top and the next one goes under them. That's the way they would continue to do it. The first one on would have the right to raise themselves up and stay on top.

CHAIRMAN FLANAGAN: So it gets to the discussion of we ought to make this antenna so we can accommodate every possible carrier. Why, if another carrier came in and said there's an antenna right over there, go ahead, and they said but it's really tough to do it. I really with you had extra slots. Is it our obligation to say, well, yeah, we've got to make it as easy as possible. I don't want to the make it difficult.

MR. PURCELL: No. So the way this would work is ultimately if they were to say that's too difficult for us, we don't want to put up a pole and certainly if they try to put up a pole where the poles are initially permitted and that met the requirement, but if they tried to put up a pole, let's say, somewhere elsewhere a pole is not permitted.

Page 56

Page 54

CHAIRMAN FLANAGAN: The exact same.

MR. PURCELL: Well, that would be very difficult because you talked about them having to demonstrate why this site is particularly suitable, and then the fact of the matter is that there's a pole that's already but that they could collocate onto

that's already but that they could collocate onto
 although with some difficulty but they could do it,
 that would be very difficult for that type of an

applicant to make that argument.

CHAIRMAN FLANAGAN: So going back to the question, why are we sitting here trying to bend over backwards to accommodate the next guy that's going to come in, when if he does we're going to say there's a pole right there. It's really tough. And I would imagine the Courts have looked at that and said no, we're not going to build another pole. There's an existing pole. So then it all comes back to, why would we allow this to be any higher if it would allow for two slots if we are doing the flagpole thing? I'm not saying we are or we're not, but if we were allowed don't give them anymore than two slots.

BOARD MEMBER CHIPPERSON: Well, I would agree, and Verizon you're saying that's not an issue, that you would just raise the fiberglass section if this were to occur?

Page 58

MR. SCHNEIDER: From experience here's what we would do. Whatever the height is to be determined, we take the top two slots, the next carrier takes the next two slots. The third carrier comes in they'll either, and we build it to be extendable, they either push us up or frankly that's their problem. They can do what's called a drop and swap. They can come before the Board and ask to replace the complete tower and rebuild it if they want subject to your approval.

To be honest with you, they're the third carrier. They're late to the party. They are on my piggyback, my effort, my expense, so we can try to plan it to be built and extendable, but if it's "More and they have to do a replacement tower, I've been in that position when you're the third guy. It's kind of that's your issue, not my issue.

CHAIRMAN FLANAGAN: What I would be interested to hear is what the Court -- certainly this has come before the courts before, right? Where there's an existing tower which was suboptimal for the second or the third guy. They complained that we want a new tower. The courts must have addressed this issue, right? And I would imagine the answer that the courts came back with, and I don't know but I'd like to confirm it, I imagine they came back and said, too bad,

okay. You have a tower.

MR. SCHNEIDER: I don't think there's any disagreement between the Board, myself, and Dr. Eisenstein, build it to the — if you build it to the minimum height that you determine is required and appropriate for Verizon make it available. There will be at least four slots. If you want.

 $\label{eq:CHAIRMAN FLANAGAN: Well, I would argue you} only need two.$ 

MR. SCHNEIDER: Well, two for each carrier.
CHAIRMAN FLANAGAN: Well, why am I

12 providing for the second carrier?

MR. SCHNEIDER: One in addition to Verizon.

CHAIRMAN FLANAGAN: Well, why? Because same logic with the third guy. So if the tower is there, again no idea whether we prove this or not, but let's say there's a tower there and you have your two slots. We just said if the third guy comes in and there's only one slot tough on you, tough for him. Why is the logic any different for the second guy? I think he will come in and say I'd really like to put an antenna in and we would say, well you've got an antenna over there and it's certainly extendible, or even if it weren't so extendible, because I would imagine it would be on Verizon's dime.

Page 59

Page 60

 $\label{eq:mr.schneider} MR. \ SCHNEIDER: \ \ Actually, \ it's \ on \ the \ next \\ guy's \ dime.$ 

CHAIRMAN FLANAGAN: So either way, you'd say, well, second guy, there's one right there. Go do whatever you want to do to it, which would be no different than the answer you would give the third guy.

DR. EISENSTEIN: Mr. Chairman, I think we have a little conflict here and let me explain what the conflict is. Mr. Schneider wants to get his antenna built. And he is in some sense with you, he doesn't give a damn about the next provider. But my obligation is to the Board. And what you don't want to do is have this Board in a position of creating an effective prohibition because that violates Federal law. So if what you're saying is as a practical matter there's no way of going on this existing tower we build because it's not designed to handle the second provider, and further we're not going to let you go anywhere else in the town, what you've done is you prohibited the next one and that violates the Telecommunications Act. That's why you always provide for collocators because the Telecommunications Act and New Jersey case law says that collocation's always preferred and has to be allowed.

BOARD MEMBER NEWLIN: So now we're saying

it is extendible, we're just not extending it, so it's
really a question not feasibility but cost. So what's
wrong with that?

DR. EISENSTEIN: No problem at all. You build it to the height that they need an build it so it's extendible, which means the foundation and the steel portion at the bottom is able to handle the weight. And then if the next one comes in or the third one comes in you just add sections to it and extend it.

BOARD MEMBER NEWLIN: Just to be clear, my scenario is two segments from the beginning and an extendible design.

DR. EISENSTEIN: Well, the Chairman is saying the two segments for Verizon.

CHAIRMAN FLANAGAN: So let me say it, so it's the base and whatever the footings are and all of the — is designed so it can handle four segment, because the fifth, and tell me if I'm wrong but I don't know why people would even propose putting five segments if the fifth is useless, but I would build it so you can go and have, foundation could carry four, but today so it's extendible, but today you put only what is needed for the current applicant. So you don't have, I would think, and this is a legal question that affects the prohibition, because when the second

carrier comes in you say there's the tower right there, go extend it.

MR. PURCELL: As far as the prohibition goes by having you go to collocate on the tower cancels any prohibition action.

DR. EISENSTEIN: I agree with that.

MR. PURCELL: It doesn't -- even a situation where you if you did limit the amount -- the ability to collocate you're just going to have to

ability to collocate you're just going to have to
 have more of the carriers -- it's four carriers now,
 right, Rich?

MR. SCHNEIDER: Four carriers now depending on what happens with the Sprint and T-Mobile merger. But you have to understand that the lot -- right near my house, I live in Randolph, there's the Ironia Fire Department if you're familiar, the flagpole, right --

PUBLIC UNIDENTIFIED VOICE: If you're talking to the audience please speak up. If it's a conservation between the two of you, that's fine.

CHAIRMAN FLANAGAN: All right. So there's microphones in front of everyone. If you can just get the microphone closer to you.

MR. SCHNEIDER: I apologize. So when I first started there were five carriers. You had Sprint, Nextel, T-Mobile, AT&T and Verizon. The

Page 62

reality is now there's four and there's a pending
merger between Sprint and T-Mobile. I don't know how
that's going to work out technology, but the number of
carriers is significantly limited versus "X" number of
years ago. And one should not necessarily make an
assumption that they're -- that a third carrier always
comes.

Case in point the Green Village Fire Department flagpole has had two carriers for an extended number of years and there's been no third carrier who has sought to collocate at that facility. So I don't think there's any disagreement. We take the top two. There's no detriment to the Board to create two -- three, and four segments below that because it's not increasing the height, and then so be it. If you want to build it to be extendible and it's an additional expense and hassle for the third carrier so be it, or if they think it's worth it to try to come in and do a drop and swap on a new tower and come before your Board let them do it, but I think if you're going to -- and I'm not making any assumptions here in terms of either an approval or a design, but if it's going to be a flagpole the obvious way to do it, and I don't think there's any disagreement between the applicant and what I'm hearing from the Board, Dr.

Page 63

Eisenstein, let's assume 120 is — or 130 is, whatever the height is, 130, Verizon takes 110 to 130. The additional two segments are 90 to 110 and we go all on our merry way.

CHAIRMAN FLANAGAN: I got you. So that's actually a different way, because the starting point is the top elevation you're talking about. And I would go just for 120 just for argument sake. So if there's no — what I think the answer is, you pick your top elevation. You may as well then make the next 40 feet below that be fiberglass.

MR. SCHNEIDER: There's no detriment to anybody by accommodating the second collocator because you're not increasing the height of the tower. That's exactly –

BOARD MEMBER NEWLIN: I understand that, and I'm not saying — this is hypothetical, but you can also take this logic is you don't need 120. You need whatever the second guy was. We build that and you say, number two comes along it has to extend and either they replace — obviously that's not to Verizon's benefit, but that was the —

CHAIRMAN FLANAGAN: Yeah, and I think part of the logic here is if 110 to 120 was going to be – no, I'm sorry, 100 to 120 would have been Verizon's

Page 64

spot, and the next guy down would have been 80 to 100, well, then the argument is that 80 to 100 is

sufficient, so why not put Verizon at - DR. EISENSTEIN: Mr. Chairn

DR. EISENSTEIN: Mr. Chairman, I think you're jumping 20 feet rather than 10 feet.

CHAIRMAN FLANAGAN: I'm going to go 50 feet next time. You know what I'm saying.

DR. EISENSTEIN: The Verizon, if I recall correctly, would be –

CHAIRMAN FLANAGAN: Well, I'm jumping 20 feet because we're saying we need two segments of 10 feet.

DR. EISENSTEIN: But let's go back to what I think we agreed to. I think Mr. Schneider stipulated that with the traditional design 120 feet was okay and that worked for them, right? So if you're going to a flagpole and you need two radiation levels, two-rad levels, then I think the flagpole has to be at 130 and 120 for Verizon. 130 they put their receiving antennas, 120 they put their transmitting antennas. Then you have the next one at 110 and 100. So there's your pole, one 130 in height instead of 120 in height, and the extra 10 feet is what I would always recommend anyway when you're going from a traditional monopole to a flagpole design.

Page 65 Page 66 1 So you're setting the height at 130 to 1 to build it so it's extendible, you do it up to 120, 2 begin with, build a foundation and the steel part so 2 Verizon goes 100 to 120. Next guy comes in and says 3 they could be extended, if necessary, but as Mr. 3 there's your slot, 80 to a hundred. 4 Schneider pointed out that may be a moot point. 4 DR. EISENSTEIN: Why are you going a 5 CHAIRMAN FLANAGAN: Yea, and I think we hundred to 120? That's 20 feet. They go 110 to 120. 5 6 have talked about this enough and gone in full circle 6 But I suggest 120 to 130 because with the traditional 7 here. Why would you extend it? Wouldn't we pick our 7 design they said they needed 120. They came down from 8 max height and say this is going to be at 120 feet max? 8 140, and that was as low as they could go based on the 9 There will be four slots. Second guy comes in, hey, 9 traditional design. So if you're going to the fact 10 your slots are at 80 to a hundred. 10 that they need two-rad levels you can't go put them at 11 BOARD MEMBER CHIPPERSON: But isn't there 11 120 and 110, you're dropping them down below what they 12 testified to as acceptable. So you've got to put the going to be and argument going to be made by the second 12 13 guy that it's too low. I mean, you're telling us it's 13 height of 130 and then they go at 120. 14 too low, so are they going to come in and say it's too 14 CHAIRMAN FLANAGAN: Let's just use -- let's 15 low? And then we need to address another tower. 15 call the top "X", the mid-section "Y," and the lower 16 DR. EISENSTEIN: Since everyone right now, 16 section "Z." I have no idea what the correct numbers 17 all the providers are all working at the same frequency 17 are. All I'm saying though is the difference between 18 bands they're all going to have pretty much the same 18 "Z" and "X" is 20 feet, because each section is 10 19 propagation plots. They're not going to change very 19 feet, or do I have that wrong? 20 much. The only difference would be if one of the 20 BOARD MEMBER CHIPPERSON: I think -- If I 21 providers just needed a fill-in slot, like a little bit 21 can just jump in. I think what's going on is the first 22 of fill in, or they wanted to increase capacity or 22 design had the transmitters and receivers at the same 23 something or something. I mean, there might be a 23 level, and Verizon said at 120 was okay. But at the 24 reason for it. uni-pole the transmitters and receivers were separated 24 25 CHAIRMAN FLANAGAN: The answer may not be 25 by 10 feet, so they already brought it to 120 as the Page 67 Page 68 1 minimum. So now that you're pulling the equipment it 1 DR. EISENSTEIN: And the foundation. 2 has to go one slot down, or else half of the equipment 2 BOARD MEMBER CHIPPERSON: I think it makes 3 is below their -3 sense to do that now, because I think as a town we may 4 CHAIRMAN FLANAGAN: So just very simply, 4 want to leave the option. And we don't know how case 5 let's -- each section of the fiberglass, each rad level 5 law is going to change, so right now it may say one 6 is 10 feet. That's why I'm using 20 feet, because they 6 thing, but I may want to get in to a situation where 7 need two of them. 7 that second carrier has the option to get another pole 8 MR. SCHNEIDER: Just to wrap up the 8 but we didn't build the foundation to accommodate it. 9 discussion. Essentially, based on what Dr. Eisenstein 9 CHAIRMAN FLANAGAN: And when they extend it 10 said, what we just heard, essentially we're looking at 10 what do they do, put another 10 or 20 feet of steel, I 11 130-foot flagpole, if that's the direction we go to. 11 guess? 12 Verizon from 110 to 130; the second carrier 90 to 110. 12 BOARD MEMBER CHIPPERSON: He's going to 13 CHAIRMAN FLANAGAN: And then when the check. 13 14 second guy comes in and says, hey, 90 to 110 is 14 DR. EISENSTEIN: We need to check. insufficient, doesn't give you the coverage. If we go 15 15 BOARD MEMBER CHIPPERSON: He says he's 16 in and require that you build this extendible, this 16 never seen it, but --17 first ask is, I want it. We say there you go, 90 to 17 MR. SCHNEIDER: Jim, I think the one 18 110. He says that doesn't work for me. Then we can 18 question was what from a structural perspective do you 19 debate whether or not -- then all we have to give up is 19 need to do to build it to be extendible, is there 20 another 10 feet or 30 feet. 20 anything specific? 21 MR. SCHNEIDER: That's a big hypothetical 21 THE WITNESS: So we need to know what the 22 if that ever happens. 22 maximum height will be. 23 BOARD MEMBER CHIPPERSON: And you're saying 23 CHAIRMAN FLANAGAN: Okay. 24 to make it extendible you just have to build the base 24 MR. SCHNEIDER: That's not something that 25 to accommodate the base for the future? 25 has to be determined now.

	Page 69		Page 70
1	THE WITNESS: That's all we need to know.	1	Why can't we just do 60 feet in height?
2	CHAIRMAN FLANAGAN: And what will you do on	2	THE WITNESS: I will ask.
3	it? So if you did come back to extend it what will you	3	DR. EISENSTEIN: It would be better
4	do, you slot in another section of steel?	4	fiberglass.
5	THE WITNESS: On top.	5	BOARD MEMBER ROSENBAUM: This may be a
6	CHAIRMAN FLANAGAN: So you take the	6	strange question, does the current tenants of the pole
7	fiberglass off the top and put it next to the section	7	then have the option because service, I can't use
8	-	8	that pole while this construction is going on. That
9	THE WITNESS: Only on the very top. There	9	may impact their service levels.
10	would be a 10 foot let's say the extension's 10	10	THE WITNESS: It's a legal question.
11	foot, the fiberglass can. At the top of the 100	11	MR. SCHNEIDER: Those get worked out. I
12	let's call it 130, extendible to 140, so at the top of	12	mean, we collocate and do extensions. We may have to
13	the 130 is a flange.	13	bring a temporary facility in on a very temporary basis
14	CHAIRMAN FLANAGAN: And you plop another	14	during construction not to lose service. But it's
15	section of fiberglass on there?	15	nothing that we can't that hasn't been accommodated
16	THE WITNESS: The fiberglass is the	16	numerous times.
17	cowling. It's removable. You take the fiberglass	17	BOARD MEMBER CHIPPERSON: Do you build in
18	cowling off there's a thin pipe section that's the	18	more wire? Because I know you want to stay on top to
19	structure. That would have a mating flange at the	19	be able to just pull that up, or do you splice into
20	bottom of it. You bolt it to the top of the 130-foot	20	your wire?
21	pole.	21	CHAIRMAN FLANAGAN: You run new wires or do
22	CHAIRMAN FLANAGAN: So you have a fat pipe	22	you extend the
23	that goes from the ground up to some level. And then	23	THE WITNESS: As far as I know coax cannot
24	you have a skinny pipe up the middle that's extendible	24	be spliced.
25	up to whatever, then you just wrap it up in fiberglass.	25	CHAIRMAN FLANAGAN: So you have to run new
	Page 71		
1	wires.	1	monopole. And when you view that from James Street
2	DR. EISENSTEIN: You run new wires.	2	it's clear that the antenna spacing is definitely
3	BOARD MEMBER CHIPPERSON: They don't leave	3	closer than 10 feet. How do you correspond those
4	like extra —	4	observations with -
5	DR. EISENSTEIN: No. So these wires use	5	THE WITNESS: I'm fairly certain it's 10
6	power. If you use extra means you're running a longer	6	feet.
7	length of wire and that's dissipating power which is	7	CHAIRMAN FLANAGAN: But your testimony was
8	diminishing your signal. So they try and tailor it.	8	though that it's industry practice to use 10 feet.
9	If they're going to extend it another ten feet. I	9	It's not your testimony that it's an absolute.
10	mean, it's possible to displace coax under certain	10	THE WITNESS: It's not criteria that we put
11	conditions, but there's an attenuation from the splice.	11	forth, it's criteria that's imposed on us.
12	So they don't want to have that, it would just be	12	CHAIRMAN FLANAGAN: It's got to be an
13	easier to just run a new wire.	13	engineering thing.
l	BOARD MEMBER CHIPPERSON: And the second	14	DR. EISENSTEIN: There's a reason for the
14		15	10 feet.
14 15	carrier coming in would pay for your cable?	T .	CHAIRMAN FLANAGAN: The question is, is it
	DR. EISENSTEIN: They work that out.	16	CHAIRMAN PLANAGAN. The question is, is it
15	Section Action to the Control of the	16 17	10 feet or could you put them 5 feet?
15 16 17	DR. EISENSTEIN: They work that out.  MR. SCHNEIDER: Those issues all get worked		
15 16	DR. EISENSTEIN: They work that out.	17	10 feet or could you put them 5 feet?
15 16 17 18 19	DR. EISENSTEIN: They work that out.  MR. SCHNEIDER: Those issues all get worked out.  CHAIRMAN FLANAGAN: Everybody uses	17 18	10 feet or could you put them 5 feet?  DR. EISENSTEIN: No. It cannot be 5 feet.
15 16 17 18 19 20	DR. EISENSTEIN: They work that out.  MR. SCHNEIDER: Those issues all get worked out.  CHAIRMAN FLANAGAN: Everybody uses different wires.	17 18 19	10 feet or could you put them 5 feet?  DR. EISENSTEIN: No. It cannot be 5 feet.  The antennas are 6 feet in length. So if you're talking about a 6-foot slot and another antenna under
15 16 17 18 19 20 21	DR. EISENSTEIN: They work that out.  MR. SCHNEIDER: Those issues all get worked out.  CHAIRMAN FLANAGAN: Everybody uses different wires.  MR. FOX: Mr. Murawski, can I ask you a	17 18 19 20	10 feet or could you put them 5 feet?  DR. EISENSTEIN: No. It cannot be 5 feet.  The antennas are 6 feet in length. So if you're
15 16 17 18 19 20 21 22	DR. EISENSTEIN: They work that out.  MR. SCHNEIDER: Those issues all get worked out.  CHAIRMAN FLANAGAN: Everybody uses different wires.  MR. FOX: Mr. Murawski, can I ask you a question? Most of the testimony tonight is focused on	17 18 19 20 21	10 feet or could you put them 5 feet?  DR. EISENSTEIN: No. It cannot be 5 feet.  The antennas are 6 feet in length. So if you're talking about a 6-foot slot and another antenna under there which is also 6 feet you can't have them too
15 16 17 18 19 20 21 22 23	DR. EISENSTEIN: They work that out.  MR. SCHNEIDER: Those issues all get worked out.  CHAIRMAN FLANAGAN: Everybody uses different wires.  MR. FOX: Mr. Murawski, can I ask you a question? Most of the testimony tonight is focused on a 10-foot spacing between antennas. Just north of the	17 18 19 20 21 22	DR. EISENSTEIN: No. It cannot be 5 feet.  The antennas are 6 feet in length. So if you're talking about a 6-foot slot and another antenna under there which is also 6 feet you can't have them too close together because of the edge effects of the
15 16 17 18 19 20 21 22	DR. EISENSTEIN: They work that out.  MR. SCHNEIDER: Those issues all get worked out.  CHAIRMAN FLANAGAN: Everybody uses different wires.  MR. FOX: Mr. Murawski, can I ask you a question? Most of the testimony tonight is focused on	17 18 19 20 21 22 23	DR. EISENSTEIN: No. It cannot be 5 feet.  The antennas are 6 feet in length. So if you're talking about a 6-foot slot and another antenna under there which is also 6 feet you can't have them too close together because of the edge effects of the antennas.

Page 73 Page 74 1 DR. EISENSTEIN: No, 10 feet. 1 called a near field. And then when you get further 2 CHAIRMAN FLANAGAN: Well, if you have 110 2 away how far so to what's called the Fraunhofer 3 that's 6 feet long. 3 distance, when you get that distance away then it 4 DR. EISENSTEIN: Oh, you're talking 4 becomes a nice plane wave and it propagates really 5 about -- well, you couldn't put the antennas touching 5 nicely. It's really a beautiful thing if we can only 6 one another physically. 6 see it, but we can't. 7 CHAIRMAN FLANAGAN: Right. So the absolute 7 If you're too close together that 8 minimum is 12 feet. So could you put two antennae in 8 turbulence in there, the near field turbulence 9 13 feet or 14 feet? How big does that space need to 9 interferes with the antenna horribly. So you have to 10 be? 10 get outside the Fraunhofer zone. 11 DR. EISENSTEIN: I wouldn't do that. The 11 Now, if you're asking does it have to be 10 12 edge effects off the antenna would screw everything up. 12 feet or could it be 9 feet or nine and a quarter feet 13 You've got to get them far enough apart. You really 13 or something, probably, but since they make these 14 need to take my course. Something -- there's something 14 segments, these 10-foot segments, there's no reason to 15 called the Fraunhofer distance - you don't really have 15 try to get a customized thing and do a calculation and 16 to take all this down. When you're very close to an 16 take a chance on putting them any closer. I think 17 antenna, I can give you an analogy from a water hose, 17 there's a little bit of a factor for safety in the 10 18 when you turn on a water hose when you're very close to 18 feet as well. 19 the nozzle you notice it's all turbulent. And then as 19 CHAIRMAN FLANAGAN: And you couldn't put 20 it goes out from the hose it becomes what's called 20 some sort of shield between the two antennae? 21 laminar flow. It looks nice and clean and flows out of 21 DR. EISENSTEIN: No. Then you're 22 there. 22 essentially creating a new antenna. 23 The same thing is true of electromagnetic 23 CHAIRMAN FLANAGAN: Really? 24 radiation. When you're close to the antenna it's very 24 DR. EISENSTEIN: Sure. It's like putting a 25 turbulent and really a non-usable signal. It's what's 25 mirror in front of a light source. The light source is Page 75 Page 76 1 shining out and you put a mirror over it that's a new 1 CHAIRMAN FLANAGAN: I would guess. And if 2 light source. It looks different than the one looked 2 you would put a flag on that pole it would have to be 3 before. 3 CHAIRMAN FLANAGAN: I should have taken 4 4 MR. SCHNEIDER: And the size is a function 5 classes rather than business classes. 5 of the height of the flag. You're talking about a 6 DR. EISENSTEIN: Tuesday and Thursdays at 6 38-by-20 flag. 7 two o'clock. 7 CHAIRMAN FLANAGAN: To make it proportional 8 BOARD MEMBER SYMONDS: Or I was going to 8 to the -9 say every third Thursday at 7:30. 9 MR. SCHNEIDER: It's determined by - it's 10 MR. SCHNEIDER: Mr. Chairman, I have 10 not a wireless thing, it's determined by the code of 11 nothing further for Mr. Murawski, just one point of 11 Federal regulations. 12 clarification. The discussion which I think has been 12 CHAIRMAN FLANAGAN: Oh, they dictate the 13 helpful is all assuming no flag on the flag. 13 size of the flag. So you couldn't even go and say, 14 CHAIRMAN FLANAGAN: Fair enough. 14 hey, I want a bigger or smaller one? 15 MR. SCHNEIDER: There are. If there is a 15 All right. Does the Board have any more 16 flag that invokes one or two other issues which -16 questions? 17 CHAIRMAN FLANAGAN: I understand. Does 17 BOARD MEMBER CHIPPERSON: I have one last 18 everybody understand there will be no -18 question. The dimensions of the 36-inch diameter for 19 BOARD MEMBER CHIPPERSON: It would be nice 19 the steel base would that accommodate the 40 to 60 feet 20 to have a flag, but it's complicated. 20 of fiberglass, or is that less than that? 21 MR. SCHNEIDER: The only point I would 21 THE WITNESS: So the steel base is 36 22 make, and I don't want to debate and take more time, inches at the top, but it's more like 48 inches at the 22 23 23 it's not a debate, if there is an American Flag there base, it's tapered. It will be designed to accommodate 24 is a required lighting under the code of Federal 24 a 50 foot or a 60 foot fiberglass section, however this 25 regulations for the flag to be lit. 25 is determined to play out.

Page 77 Page 78 BOARD MEMBER CHIPPERSON: Okay. So it 1 bridge at 10 feet. And as far as I can tell from the 1 2 drawing it goes - there's the pole, then the 9 foot doesn't get bigger than what you described? 2 3 tech space, and then the 10 foot, you know, over the 3 THE WITNESS: No. It would still be the 4 unistrut, the cable bridge. I'm confused by all that same. It might get a little heavier, that's all. 4 5 Foundation might get a little bigger in diameter, or if 5 and wonder if there's something we can do to sort of 6 make that a little more linear? it's a little bit bigger in area, that's all. 7 THE WITNESS: I agree. I agree. So the PUBLIC UNIDENTIFIED VOICE: You said 5 feet 7 8 10-foot for the cable bridge and for the rack that's 8 before. 9 supporting three equipment cabinets is a standard BOARD MEMBER MASELLI: That was a different 9 10 industry number because coax cables are hung from 10 design. 11 underneath it and you want to avoid a headknocker. But BOARD MEMBER CHIPPERSON: No, I have it in 11 12 in our case I agree it could be lowered, so it's all 12 my notes, it was 5 feet. 13 BOARD MEMBER MASELLI: Yea, but that was a the same elevation. Nine foot would be fine for the 13 14 cable bridge and the rack height. So it's all at nine. 14 different design. 15 BOARD MEMBER SYMONDS: Again, I think that BOARD MEMBER CHIPPERSON: Because I drew a 15 16 it would be, like I say, it would make a more linear 16 picture with the fiberglass. 17 appearance. It would be less ugly, to use a 17 CHAIRMAN FLANAGAN: All right. Does anyone 18 non-technical term, in my opinion. And then as far as else on the Board have any questions? 18 19 the fence goes that's more of a question, because I BOARD MEMBER SYMONDS: I have a question, 19 20 think the township fence ordinance says the highest the 20 and luckily it has nothing to do with radio wave fence can be is 8 feet. But then we started out this 21 propagation. It has to do with all the stuff on the 21 22 discussion with on PL land a lot of the bulk 22 ground. As I look at the, you know, your equipment 23 requirements don't apply. So I don't know if the 23 layout plan, I see we've got a fence at 8 feet and 24 8-foot is good or bad. But I would just sort of try to we've got a proposed tech space cover, I guess, at 9 24 25 flatten things out to make a straighter, more even 25 feet. And then we have I guess it's called a cable Page 80 Page 79 1 cetera. 1 appearance. 2 2 THE WITNESS: I agree. The potential CHAIRMAN FLANAGAN: Anyone else on the 3 exists. I have to give it some thought. Maybe we can 3 Board? Anyone else on the Board? All right. Are 4 there any members of the public here not represented by 4 lower everything to eight so it's flush with the top of 5 the fence. I think that makes sense. 5 Mr. Simon who have a question? 6 BOARD MEMBER SYMONDS: I think from 6 All right. Mr. Simon, do ave any appearance on the ground I think, I know if I was near 7 7 questions? 8 it, anywhere near it in the neighborhood I think that 8 Why don't we take a five minute break. We'll come back in five minutes. 9 9 would be a huge improvement to lower everything down. 10 (A recess is taken at 9:50 p.m.) 10 THE WITNESS: Sure. I do agree. BOARD MEMBER NEWLIN: Just to confirm, the 11 (Back on the record at 9:56 p.m.) 11 12 CHAIRMAN FLANAGAN: All right. Ladies and 12 height distance that we're talking about for this particular site is very much for the site 13 gentlemen, we are back. We left off at the point where 13 14 characteristics. So clearly for the Green Village Fire 14 Mr. Simon was going to ask questions. So Mr. Simon the Department there is nothing like Mendham. It's 90 15 floor is yours. And ladies and gentlemen, if we can 15 16 just take our seats again so we can get going again. 16 feet. It's got two carriers you said. It's certainly 17 CROSS-EXAMINATION BY MR. SIMON: 17 not a 5-foot base with a 3-foot top. I mean that's a 18 Q. Mr. Murawski, good evening. When were you 18 slender - I don't know what it is, but it's much more slender and much less imposing. So I assume when -19 first retained by the Applicant in connection with 19 20 their project? and there will be testimony about the alternate sites. 20 A. December of 2017. 21 That's part of your requirement is to show what you 21 22 Q. December of 2017. So the fact that the 22 considered. And it's - I just want to confirm, all 23 survey that was done by your company E2 Project 23 these sites really drive the required height. MR. SCHNEIDER: The height is a function of 24 Management is dated July 22nd, 2017, does that refresh 24 your recollection as to whether your prior answer's the location of the tower based on ground elevation, et 25 25

	Page 81		Page 82
1	accurate?	1	Q. And with regard to and I'm going to jump
2	A. No yes no. One minute. Yes, you're	2	around a little bit. Have you done any work for AT&T,
3	right. It was 2016.	3	Sprint, or T-Mobile in the last five years?
4	Q. So let's	4	A. Yes.
5	A. It was December of 2016.	5	Q. Which carriers?
6	Q. So you were retained in December of 2016?	6	A. Sprint.
7	A. Yes.	7	Q. And where did you work for Sprint?
8	Q. And who retained you in December of 2016?	8	A. Throughout the five boroughs of Manhattan.
9	A. Verizon Wireless.	9	Q. Did you do any work for Sprint in New
10	Q. And what was the purpose in retaining you	10	Jersey in the last five years?
11	in December of 2016?	11	A. I don't remember.
12	A. Was to prepare what we call lease exhibits	12	Q. Did you assist with any monopoles on behalf
13	to accompany a lease agreement with the township.	13	of Sprint in the last five years?
14	Q. In December of 2016? Yes?	14	A. No.
15	A. Yes.	15	Q. And in the last five years you have not
16	Q. And when did you initially prepare lease	16	done any monopole work for AT&T, Sprint, or T-Mobile in
17	exhibits, when was the first draft of those lease	17	the state of New Jersey; correct?
18	exhibits?	18	A. Correct.
19	A. I don't know. I don't have that date.	19	Q. What about in the last ten years? Same
20	Q. And prior to December of 2016 did you have	20	question.
21	any involvement with regard to this project?	21	A. We did work I personally was involved in
22	A. I personally did not.	22	several MetroPCS sites.
23	Q. Did anyone at your firm E2 Project	23	Q. MetroPCS?
24	Management, LLC have any involvement?	24	A. Yes.
25	A. I don't know.	25	Q. What about for AT&T, Sprint or T-Mobile,
	Page 83		Page 84
1	anything?	1	THE WITNESS: I can only tell you my
2	A. I'm going to say yes to T-Mobile because	2	understanding is that if they're exacerbating a
3	T-Mobile was a co-applicant on some of the sites that	3	pre-existing variance condition and they have to come
4	we were the engineer right before.	4	before the Board, if they're not then they don't have
5	Q. What about AT&T?	5	to some hefers the Decad Other than I at I
-		3	to come before the Board. Other than that I can't
6	A. No.	6	delve into any more details.
6 7	<ul><li>A. No.</li><li>Q. And you have not had any contact with any</li></ul>		
		6	delve into any more details.
7	Q. And you have not had any contact with any	6 7	delve into any more details.  Q. And when you say you can't delve into any
7 8	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in	6 7 8	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or
7 8 9	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?	6 7 8 9	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may
7 8 9 10	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.	6 7 8 9	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals
7 8 9 10 11	<ul> <li>Q. And you have not had any contact with any other carrier, be it AT&amp;T, Sprint, or T-Mobile in connection with this site; correct?</li> <li>A. That's correct.</li> <li>Q. And not withstanding the back and forth</li> </ul>	6 7 8 9 10 11	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?
7 8 9 10 11	<ul> <li>Q. And you have not had any contact with any other carrier, be it AT&amp;T, Sprint, or T-Mobile in connection with this site; correct?</li> <li>A. That's correct.</li> <li>Q. And not withstanding the back and forth with the Board in connection with your direct</li> </ul>	6 7 8 9 10 11 12	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.
7 8 9 10 11 12	<ul> <li>Q. And you have not had any contact with any other carrier, be it AT&amp;T, Sprint, or T-Mobile in connection with this site; correct?</li> <li>A. That's correct.</li> <li>Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and</li> </ul>	6 7 8 9 10 11 12 13	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or
7 8 9 10 11 12 13	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a	6 7 8 9 10 11 12 13 14	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the
7 8 9 10 11 12 13 14	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right	6 7 8 9 10 11 12 13 14 15	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna
7 8 9 10 11 12 13 14 15	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right increase the height, the overall height of the monopole	6 7 8 9 10 11 12 13 14 15 16	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna Systems?
7 8 9 10 11 12 13 14 15 16	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right increase the height, the overall height of the monopole without getting any separate approvals of any Land Use	6 7 8 9 10 11 12 13 14 15 16	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna Systems?  A. No.
7 8 9 10 11 12 13 14 15 16 17	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right increase the height, the overall height of the monopole without getting any separate approvals of any Land Use Board; correct?	6 7 8 9 10 11 12 13 14 15 16 17 18	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna Systems?  A. No.  Q. Have you ever designed an ODAS system?
7 8 9 10 11 12 13 14 15 16 17 18	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right increase the height, the overall height of the monopole without getting any separate approvals of any Land Use Board; correct?  A. Correct.	6 7 8 9 10 11 12 13 14 15 16 17 18 19	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna Systems?  A. No.  Q. Have you ever designed an ODAS system?  A. No.
7 8 9 10 11 12 13 14 15 16 17 18	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right increase the height, the overall height of the monopole without getting any separate approvals of any Land Use Board; correct?  A. Correct.  Q. And what specifically with regard to the	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna Systems?  A. No.  Q. Have you ever designed an ODAS system?  A. No.  Q. Or assisted from an engineering
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right increase the height, the overall height of the monopole without getting any separate approvals of any Land Use Board; correct?  A. Correct.  Q. And what specifically with regard to the that state and Federal law are you aware of in terms of	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna Systems?  A. No.  Q. Have you ever designed an ODAS system?  A. No.  Q. or assisted from an engineering perspective?
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. And you have not had any contact with any other carrier, be it AT&T, Sprint, or T-Mobile in connection with this site; correct?  A. That's correct.  Q. And not withstanding the back and forth with the Board in connection with your direct examination this evening, you're aware of Federal and state requirements that mandate that a, I'll call it a collocator, can come on to a monopole and may by right increase the height, the overall height of the monopole without getting any separate approvals of any Land Use Board; correct?  A. Correct.  Q. And what specifically with regard to the that state and Federal law are you aware of in terms of the right of a collocator to come before a Land Use	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	delve into any more details.  Q. And when you say you can't delve into any more detail are you familiar at all with the Federal or state level with the allowable height that a pole may be increased in height as of right if those approvals are not necessary that you just described?  A. No.  Q. Now, have you done any work for Verizon or any other carrier in Harding Township regarding the deployment of ODAS or Outdoor Distributing Antenna Systems?  A. No.  Q. Have you ever designed an ODAS system?  A. No.  Q. Or assisted from an engineering perspective?  A. I personally have not.

23

24

25

23

2425

Yes.

side and rear yards for this lot?

And where -- have you identified the front

Vernon Fire Department, New Vernon Presbyterian Church,

the Municipal building, Church of Christ the King,

Harding Township Elementary School?

	Page 89		Page 90
1	A. I have not.	1	those roadways?
2	Q. And with regard to this particular site,	2	A. I am not.
3	what is the elevation where the proposed compound's	3	Q. And how did you arrive at this particular
. 4	going to be located?	4	location of the equipment compound and monopole on this
5	A. I believe it's 360 foot above mean sea	5	site as opposed to any other area of this particular
6	level.	6	site? Site being the lot, I'm sorry.
7	Q. Three sixty?	7	A. I did not arrive at this location.
8	A. Yes.	8	Q. Did you arrive at an alternate location?
9	Q. And what is the range of elevation for this	9	A. No.
10	particular site?	10	Q. So you were told by someone presumably to
11	A. I don't know.	11	create an engineering plan and compound design at a
12	Q. And do you know what the elevations are for	12	particular location on this site?
13	any of those alternate sites that I identified in a	13	A. Correct.
14	couple of questions?	14	Q. And do you know do you have any
15	A. I do not.	15	knowledge as to why this particular area of the site
16	Q. And you're not aware, I assume, and you	16	was chosen as opposed to other areas of the site?
17	were present during the testimony of Verizon's radio	17	A. I do not.
18	frequency expert; correct?	18	Q. And I couldn't help but noticing that on
19	A. I was, yes.	19	your plan you identify that this property is within the
20	Q. And you were then present when she	20	township's historic district; correct?
21	described the roadways that were intended or are	21	A. That's correct.
22	intended to be covered in connection with this	22	Q. And is this property within the state or
23	application; correct?	23	Federal Historic District, if you know?
24	A. Correct.	24	A. Not my area of specialty, but it's my
25	Q. And are you aware of the elevations of	25	understanding that it is not.
	Page 91		Page 92
1			
1	<ul> <li>Q. Well, on your bulk table there's an item,</li> </ul>	1	is the purpose of that small house museum?
2	distance requirements to national or historic district,	1 2	is the purpose of that small house museum?  A. I do not.
	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless		
2 3 4	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.	2	A. I do not.
2 3 4 5	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet. And you say proposed, I guess is that greater than	2 3	<ul><li>A. I do not.</li><li>Q. Do you have any information at all as to</li></ul>
2 3 4 5 6	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet. And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.	2 3 4	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the</li> </ul>
2 3 4 5 6 7	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet. And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes.	2 3 4 5	<ul><li>A. I do not.</li><li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li><li>A. No.</li></ul>
2 3 4 5 6 7 8	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet. And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes.  Q. In the bulk table?	2 3 4 5 6	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the</li> </ul>
2 3 4 5 6 7 8	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet. And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes.  Q. In the bulk table?  A. I can't see anything on this. Less than	2 3 4 5 6 7	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon</li> </ul>
2 3 4 5 6 7 8 9	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet. And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet.	2 3 4 5 6 7 8	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this</li> </ul>
2 3 4 5 6 7 8 9 10	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet?	2 3 4 5 6 7 8 9	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?</li> </ul>
2 3 4 5 6 7 8 9 10 11	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes.	2 3 4 5 6 7 8 9	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this</li> </ul>
2 3 4 5 6 7 8 9 10	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where	2 3 4 5 6 7 8 9 10	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?</li> <li>A. No.</li> <li>Q. Do you have any idea whatsoever as to how</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where the monopole is to the national historic district?	2 3 4 5 6 7 8 9 10 11	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?</li> <li>A. No.</li> <li>Q. Do you have any idea whatsoever as to how often members of the public frequent this site for</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where the monopole is to the national historic district? A. I don't know.	2 3 4 5 6 7 8 9 10 11 12 13	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?</li> <li>A. No.</li> <li>Q. Do you have any idea whatsoever as to how</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where the monopole is to the national historic district? A. I don't know. Q. Do you know how far this monopole will be	2 3 4 5 6 7 8 9 10 11 12 13 14	<ul> <li>A. I do not.</li> <li>Q. Do you have any information at all as to the frequency of visitors to that small house museum?</li> <li>A. No.</li> <li>Q. Do you know how many people frequent the small house museum on a daily basis?</li> <li>A. No.</li> <li>Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?</li> <li>A. No.</li> <li>Q. Do you have any idea whatsoever as to how often members of the public frequent this site for</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where the monopole is to the national historic district? A. I don't know.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. I do not.  Q. Do you have any information at all as to the frequency of visitors to that small house museum?  A. No.  Q. Do you know how many people frequent the small house museum on a daily basis?  A. No.  Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?  A. No.  Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where the monopole is to the national historic district? A. I don't know. Q. Do you know how far this monopole will be	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. I do not.  Q. Do you have any information at all as to the frequency of visitors to that small house museum?  A. No.  Q. Do you know how many people frequent the small house museum on a daily basis?  A. No.  Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?  A. No.  Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities?  A. No.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes.  Q. In the bulk table?  A. I can't see anything on this. Less than 1,000 feet.  Q. Less than one though feet?  A. Yes.  Q. Okay. So how far is this compound where the monopole is to the national historic district?  A. I don't know.  Q. Do you know how far this monopole will be from the state historic district?  A. I do not.  Q. You identified some structures that are	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. I do not. Q. Do you have any information at all as to the frequency of visitors to that small house museum? A. No. Q. Do you know how many people frequent the small house museum on a daily basis? A. No. Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally? A. No. Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities? A. No. Q. Do you ask anyone for that information?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes.  Q. In the bulk table?  A. I can't see anything on this. Less than 1,000 feet.  Q. Less than one though feet?  A. Yes.  Q. Okay. So how far is this compound where the monopole is to the national historic district?  A. I don't know.  Q. Do you know how far this monopole will be from the state historic district?  A. I do not.  Q. You identified some structures that are located on this property during your direct	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. I do not. Q. Do you have any information at all as to the frequency of visitors to that small house museum? A. No. Q. Do you know how many people frequent the small house museum on a daily basis? A. No. Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally? A. No. Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities? A. No. Q. Do you ask anyone for that information? A. No.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes.  Q. In the bulk table?  A. I can't see anything on this. Less than 1,000 feet.  Q. Less than one though feet?  A. Yes.  Q. Okay. So how far is this compound where the monopole is to the national historic district?  A. I don't know.  Q. Do you know how far this monopole will be from the state historic district?  A. I do not.  Q. You identified some structures that are	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. I do not.  Q. Do you have any information at all as to the frequency of visitors to that small house museum?  A. No.  Q. Do you know how many people frequent the small house museum on a daily basis?  A. No.  Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?  A. No.  Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities?  A. No.  Q. Do you ask anyone for that information?  A. No.  Q. Are you aware of how many employees are on
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes.  Q. In the bulk table?  A. I can't see anything on this. Less than 1,000 feet.  Q. Less than one though feet?  A. Yes.  Q. Okay. So how far is this compound where the monopole is to the national historic district?  A. I don't know.  Q. Do you know how far this monopole will be from the state historic district?  A. I do not.  Q. You identified some structures that are located on this property during your direct	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. I do not.  Q. Do you have any information at all as to the frequency of visitors to that small house museum?  A. No.  Q. Do you know how many people frequent the small house museum on a daily basis?  A. No.  Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?  A. No.  Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities?  A. No.  Q. Do you ask anyone for that information?  A. No.  Q. Are you aware of how many employees are on this site on a daily basis?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where the monopole is to the national historic district? A. I don't know. Q. Do you know how far this monopole will be from the state historic district? A. I do not. Q. You identified some structures that are located on this property during your direct examination. And you started with the, I guess as you	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. I do not. Q. Do you have any information at all as to the frequency of visitors to that small house museum? A. No. Q. Do you know how many people frequent the small house museum on a daily basis? A. No. Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally? A. No. Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities? A. No. Q. Do you ask anyone for that information? A. No. Q. Are you aware of how many employees are on this site on a daily basis? A. No.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	distance requirements to national or historic district, and ordinance says, I guess this is for the wireless telecommunications equipment ordinance, 1,000 feet.  And you say proposed, I guess is that greater than 1,000 feet? I'm looking at your plan at SP-1.  A. Yes. Q. In the bulk table? A. I can't see anything on this. Less than 1,000 feet. Q. Less than one though feet? A. Yes. Q. Okay. So how far is this compound where the monopole is to the national historic district? A. I don't know. Q. Do you know how far this monopole will be from the state historic district? A. I do not. Q. You identified some structures that are located on this property during your direct examination. And you started with the, I guess as you enter, the small house and museum, is that what you	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. I do not.  Q. Do you have any information at all as to the frequency of visitors to that small house museum?  A. No.  Q. Do you know how many people frequent the small house museum on a daily basis?  A. No.  Q. Did you ask anyone associated with Verizon or the township as to the frequency of visitors to this property generally?  A. No.  Q. Do you have any idea whatsoever as to how often members of the public frequent this site for recycling and related activities?  A. No.  Q. Do you ask anyone for that information?  A. No.  Q. Are you aware of how many employees are on this site on a daily basis?  A. No.  Q. Are you aware of any of the activities

	Page 93		Page 94
	-		
1	on this site, including approximately when each of the	1 2	Q. Did you make that submission to the State     Historic Preservation Office?
2	buildings was constructed?  A. No.	3	A. No.
3 4	Q. Are you aware of the purpose for having a	4	Q. Do you typically make a submission to a
5	gas station as you identify on the plan on this	5	State Historic Preservation Office and determine the
6	property?	6	environmental condition of a property?
7	A. No.	7	A. No.
8	Q. Are you aware of the purpose of the	8	Q. Did you contact anyone regarding the
9	monitoring wells that you've identified on your plan	9	historic environmental condition circumstances
10	for this property?	10	surrounding this property?
11	A. No.	11	A. No.
12	Q. As a licensed engineer did you do any	12	Q. Do you know as we sit here this evening
13	investigation whatsoever as to why there are monitoring	13	what the purpose of having monitoring wells are on this
14	wells on this property?	14	property?
15	A. No.	15	A. Do you want me to speculate?
16	Q. Have you done any investigation whatsoever	16	Q. No, I want you to answer. Are you aware?
17	as to the current or historic environmental condition	17	A. I
18	on this property?	18	Q. Yes or no?
19	A. I did not.	19	A. I did not ask, I can only assume. I did
20	Q. Are you aware if anyone did?	20	not
21	A. Historically we do we did.	21 22	Q. But right. And you did not inquire; correct?
22	Q. Wait. When you say historically we did, what do you mean?	23	A. No.
23	A. It's my understanding that we made a	24	Q. And can you do you know what kind of
24 25	submission to the State Historical Preservation Office.	25	vehicles access this property on a daily basis in terms
2.5	Submission to the state finite for a finite for the state of the state		venies access and property on a analy case in terms
	D 01		
	Page 95		Page 96
1	of let's start with number of vehicles. Do you know	1	Page 96 it is compliant with existing municipal standards;
1 2	-	1 2	
	of let's start with number of vehicles. Do you know		it is compliant with existing municipal standards;
2	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a	2	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're
2 3	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's	2 3 4 5	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.
2 3 4	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.	2 3 4 5 6	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing
2 3 4 5 6 7	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.	2 3 4 5 6 7	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use
2 3 4 5 6 7 8	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No. Q. Do you know the extent to which there's truck traffic on this property?  A. No. Q. Are you aware of whether emergency vehicles	2 3 4 5 6 7 8	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr.
2 3 4 5 6 7 8 9	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No. Q. Do you know the extent to which there's truck traffic on this property?  A. No. Q. Are you aware of whether emergency vehicles can access — do or can access this property?	2 3 4 5 6 7 8	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.
2 3 4 5 6 7 8 9	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No. Q. Do you know the extent to which there's truck traffic on this property?  A. No. Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.	2 3 4 5 6 7 8 9	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:
2 3 4 5 6 7 8 9 10	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No. Q. Do you know the extent to which there's truck traffic on this property?  A. No. Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can. Q. Based on what do you make that conclusion?	2 3 4 5 6 7 8 9 10	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire
2 3 4 5 6 7 8 9 10 11	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.	2 3 4 5 6 7 8 9 10 11	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient
2 3 4 5 6 7 8 9 10 11 12	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No. Q. Do you know the extent to which there's truck traffic on this property?  A. No. Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can. Q. Based on what do you make that conclusion? A. Based on the access road. Q. Have you done an evaluation of turning	2 3 4 5 6 7 8 9 10 11 12 13	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a
2 3 4 5 6 7 8 9 10 11 12 13	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No. Q. Do you know the extent to which there's truck traffic on this property?  A. No. Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can. Q. Based on what do you make that conclusion? A. Based on the access road. Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can	2 3 4 5 6 7 8 9 10 11	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire
2 3 4 5 6 7 8 9 10 11 12 13 14	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No. Q. Do you know the extent to which there's truck traffic on this property?  A. No. Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can. Q. Based on what do you make that conclusion? A. Based on the access road. Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?	2 3 4 5 6 7 8 9 10 11 12 13 14	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access — do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?
2 3 4 5 6 7 8 9 10 11 12 13 14	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.  Q. How wide when you say the access road,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access — do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire department. A response was that they had no comment on
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.  Q. How wide when you say the access road, are you talking about the driveway that comes from the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire department. A response was that they had no comment on the application.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.  Q. How wide when you say the access road, are you talking about the driveway that comes from the public right-of-way to the compound, correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire department. A response was that they had no comment on the application.  Q. I didn't ask whether they had comments.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.  Q. How wide when you say the access road, are you talking about the driveway that comes from the public right-of-way to the compound, correct?  A. Correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire department. A response was that they had no comment on the application.  Q. I didn't ask whether they had comments.  Are you aware whether there's sufficient fire fighting
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.  Q. How wide when you say the access road, are you talking about the driveway that comes from the public right-of-way to the compound, correct?  A. Correct.  Q. And how wide is that?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire department. A response was that they had no comment on the application.  Q. I didn't ask whether they had comments.  Are you aware whether there's sufficient fire fighting apparatus to access the height of the tower in the case
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.  Q. How wide when you say the access road, are you talking about the driveway that comes from the public right-of-way to the compound, correct?  A. Correct.  Q. And how wide is that?  A. I don't know.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire department. A response was that they had no comment on the application.  Q. I didn't ask whether they had comments.  Are you aware whether there's sufficient fire fighting apparatus to access the height of the tower in the case of an emergency?  A. No.  Q. And do you know what is the what's the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	of let's start with number of vehicles. Do you know how many number of vehicles access this property on a daily basis?  A. No.  Q. Do you know the extent to which there's truck traffic on this property?  A. No.  Q. Are you aware of whether emergency vehicles can access do or can access this property?  A. They can.  Q. Based on what do you make that conclusion?  A. Based on the access road.  Q. Have you done an evaluation of turning radiuses to determine whether an emergency vehicle can access this property?  A. No.  Q. How wide when you say the access road, are you talking about the driveway that comes from the public right-of-way to the compound, correct?  A. Correct.  Q. And how wide is that?  A. I don't know.  Q. So you didn't do any investigation	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	it is compliant with existing municipal standards; correct?  A. Correct.  MR. SCHNEIDER: Just so we're clear, we're referring to the existing access road; correct.  MR. SIMON: I'm talking about the existing access road that they're now utilizing for a new use that they require a use variance for, yes, Mr. Schneider.  BY MR. SIMON:  Q. Mr. Murawski, did you contact the fire department to ascertain whether there is sufficient fire fighting equipment in the township to access a monopole of the proposed height for purposes of fire fighting?  A. A submission was made to the fire department. A response was that they had no comment on the application.  Q. I didn't ask whether they had comments.  Are you aware whether there's sufficient fire fighting apparatus to access the height of the tower in the case of an emergency?  A. No.

	Page 97		Page 98
1	A. There's two.	1	A. I do not.
2	Q. What are they?	2	Q. Do you know the hours of operation for
3	A. The lot off of Millbrook is to be more	3	this
4	park-like setting. And then there's the DPW use.	4	A. No.
5	Q. So there's one lot, correct?	5	Q property? By members of the public, you
6	A. Yes.	6	don't know?
7	Q. These aren't two lots, it's one lot, right?	7	A. No.
8	A. Yes.	8	Q. And I think I asked you, you don't know the
9	<li>Q. And so is your testimony that the current</li>	9	history as to when these various buildings were built?
10	principal use of this lot is DPW or Department of	10	A. Yes, you did.
11	Public Works use, and what, an open space?	11	Q. And you don't know whether the uses that
12	A. It's an open space, like a park-like	12	you've testified to have commenced?
13	setting, yes.	13	A. Correct.
14	Q. So is open space, like a park-like setting,	14	Q. And are you aware of whether of the
15	is that a permitted principal use in any zone in	15	condition of any of these buildings on this lot?
16	Harding Township?	16	A. No.
17	A. I don't know.	17	Q. And you're not and you didn't do any
18	Q. And did you review any zoning map or master	18	type of Open Public Record's Act request or other
19	plan of Harding Township to determine whether this open	19	requests to determine the construction history on this
20	space, park-like use is identified for this particular	20	property; correct?
21	lot?	21	A. Right.
22	A. I did not.	22	Q. And do you know how many different uses
23	Q. And are you aware of how frequent the	23	operate on this site simultaneously?
24	citizens of Harding Township frequent this property to	24	A. No.
25	drop off recycling?	25	Q. And do you know in line with your comment
	Page 99		Page 100
1	that there's no parking space and by the way, under	1	A. They are.
2	Harding Township's ordinance for a new commercial use	2	Q. So you don't know whether that area that
3	there is a parking requirement; correct?	3	you park in is going to be available when the Verizon
4	A. Correct.	4	technician's going to be there?
5	Q. And based on the ordinance that you have	5	A. That's correct, we do not.
6	reviewed what is the parking requirement for this	6	Q. And do you know whether the site is open
7	particular use?	7	for a Verizon employee to actually drive all the way in
8	A. I don't know.	8	to access your compound at any hour of the day?
9	Q. So you don't know what the requirement is,	9	A. I don't understand that question.
10	but there is a requirement for a certain number of	10	Q. So let's and I'm not trying to trick
11	parking spaces; correct?	11	you.
12	A. For a telecom site? I don't know.	12	A. I honestly did not understand the question.
13	Q. And do you know whether the area where your	13	Q. So let's say hypothetically, and maybe it's
14	Verizon employee's going to park in the unsegregated	14	not so hypothetical, that if I'm a member of the public
15	site or parking space, whether that's going to conflict	15	
16	with circulation by any number of people, whether it's	16	and I want to drop off my recycling that there's certain times of the day or night, more importantly,
17	members of the public dropping off recycling, DPW	17	
18	workers, employees or other visitors to the site?	18	where I can't get access to the recycling shed because
19	A. I have visited the site several times and I	19	the area's closed and it's fenced off and it's locked,
			okay. How is the Verizon employee who in the case of
20	have parked out of the way of the circulation route.	20	an emergency needs to access their compound going to
20	So there is gravel, undesignated gravel areas that you	21	get to the compound if hypothetically there's a locked
21	can null into gofoly and he aut - fitt-	22	fence that would prevent anyone like a member of the
21 22	can pull into safely and be out of the way.		11: 6
21 22 23	Q. Do you know whether those undesignated	23	public from accessing that area of the site?
21 22			public from accessing that area of the site?  A. It would be double locked. Verizon would have their own lock on that gate.

	Page 101	Page 102
1	Q. But you're not aware of when the gate is	1 A. Yes.
2	closed and open to the public, right?	2 Q. Is that 43 percent does that include all
3	A. No.	3 the gravel areas that you depict on your site plan?
4	Q. Or to employees, right?	4 A. Yes.
5	A. Correct.	5 Q. And with regard to the 43 percent, almost
6	Q. So you state in your zoning table that, and	6 half of that site is impervious coverage. What
7	I believe this is correct, and I might be off on this,	7 stormwater management is there currently for this site,
8	that there's approximately 643-square feet of new	8 whether we're talking about roof runoff, gravel area
9	impervious coverage, or is that incorrect.	9 runoff, sheet flow, is there dry wells? What kind of
10	Let me ask it this way. I'm sorry, Jim.	10 stormwater management currently occurs on this site to
11	How much additional impervious coverage is being	11 mitigate impact?
12	proposed in connection with this application?	12 A. Right. I'm not aware of any.
13	A. 1800-square feet.	13 Q. Did you do any investigation to determine
14	Q. 1800 new square feet. Does that include	14 whether there's any current stormwater management
15	the walkway?	15 controls on this site as required by Harding Township's
16	A. No.	16 ordinance?
17	Q. So what's the surface of the walkway that	17 A. Right. No.
18	you described earlier?	18 Q. And in connection with this application
19	A. So it's 6-foot wide by about 30-feet long,	19 but you will concede certainly that there's many
20	but I would certainly say that that area's gravel now.	20 sections of the ordinance, I know I've read them, that
21	Q. So it's no new impervious coverage?	21 talk about stormwater management for sites in
22	A. No.	22 connection with site plan approvals; correct?
23	Q. So are the in terms of your I think	23 A. Correct.
24	you said on your chart that the total impervious	Q. And did you make any inquiries in terms of
25	coverage on the site is 43 percent; correct?	25 current conditions or proposed conditions in connection
	Page 103	Page 104
1	Page 103 with stormwater management?	1 you're removing in connection with this application,
1 2	-	
	with stormwater management?  A. No.  Q. And there's no stormwater management	<ul> <li>you're removing in connection with this application,</li> <li>have you submitted a tree removal plan to this Board?</li> <li>A. No.</li> </ul>
2	with stormwater management?  A. No.  Q. And there's no stormwater management techniques that are being proposed in connection with	<ol> <li>you're removing in connection with this application,</li> <li>have you submitted a tree removal plan to this Board?</li> <li>A. No.</li> <li>Q. How many trees are being removed, do you</li> </ol>
2	with stormwater management?  A. No.  Q. And there's no stormwater management	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?
2 3 4	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.
2 3 4 5	with stormwater management?  A. No.  Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?	<ul> <li>you're removing in connection with this application,</li> <li>have you submitted a tree removal plan to this Board?</li> <li>A. No.</li> <li>Q. How many trees are being removed, do you</li> <li>know?</li> <li>A. Ten.</li> <li>Q. And where on the site plan, and I apologize</li> </ul>
2 3 4 5 6	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are
2 3 4 5 6 7	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?
2 3 4 5 6 7 8	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct?	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.
2 3 4 5 6 7 8 9 10	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3
2 3 4 5 6 7 8 9 10 11	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The
2 3 4 5 6 7 8 9 10 11 12	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No. Q. How many trees are being removed, do you know? A. Ten. Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan? A. So our Sheet SP-2. Q. S-3 A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be
2 3 4 5 6 7 8 9 10 11 12 13	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound? A. I don't know.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.
2 3 4 5 6 7 8 9 10 11 12 13 14	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know. Q. You don't know?	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.  Q. The enlarged plan to the left. Oh, okay.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know. Q. You don't know? A. No.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.  Q. The enlarged plan to the left. Oh, okay.  So now I see you have Xs. So those Xs represent trees
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know. Q. You don't know? A. No. Q. Can you estimate, or no? If you can't	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.  Q. The enlarged plan to the left. Oh, okay.  So now I see you have Xs. So those Xs represent trees to be removed?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know. Q. You don't know? A. No. Q. Can you estimate, or no? If you can't estimate I'll move on.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No. Q. How many trees are being removed, do you know? A. Ten. Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan? A. So our Sheet SP-2. Q. S-3 A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed. Q. The enlarged plan to the left. Oh, okay. So now I see you have Xs. So those Xs represent trees to be removed? A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know. Q. You don't know? A. No. Q. Can you estimate, or no? If you can't estimate I'll move on. A. 600 feet.	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No. Q. How many trees are being removed, do you know? A. Ten. Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan? A. So our Sheet SP-2. Q. S-3 A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed. Q. The enlarged plan to the left. Oh, okay. So now I see you have Xs. So those Xs represent trees to be removed? A. Yes. Q. Now, there are certain Xs that are through
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know. Q. You don't know? A. No. Q. Can you estimate, or no? If you can't estimate I'll move on. A. 600 feet. Q. Six hundred feet. And are you aware, or	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No. Q. How many trees are being removed, do you know? A. Ten. Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan? A. So our Sheet SP-2. Q. S-3 A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed. Q. The enlarged plan to the left. Oh, okay. So now I see you have Xs. So those Xs represent trees to be removed? A. Yes. Q. Now, there are certain Xs that are through dots, and certain Xs that are not through dots. What's
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	with stormwater management?  A. No.  Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct.  Q. No stormwater management facility is being proposed; right?  A. Correct.  Q. No calculations were performed; correct?  A. Correct.  Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know.  Q. You don't know?  A. No.  Q. Can you estimate, or no? If you can't estimate I'll move on.  A. 600 feet.  Q. Six hundred feet. And are you aware, or I'm sure you are because you reviewed the ordinance, as	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.  Q. The enlarged plan to the left. Oh, okay.  So now I see you have Xs. So those Xs represent trees to be removed?  A. Yes.  Q. Now, there are certain Xs that are through dots, and certain Xs that are not through dots. What's the distinction, if any?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	with stormwater management?  A. No.  Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct.  Q. No stormwater management facility is being proposed; right?  A. Correct.  Q. No calculations were performed; correct?  A. Correct.  Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know.  Q. You don't know?  A. No.  Q. Can you estimate, or no? If you can't estimate I'll move on.  A. 600 feet.  Q. Six hundred feet. And are you aware, or I'm sure you are because you reviewed the ordinance, as to what requirements there are in connection with	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.  Q. The enlarged plan to the left. Oh, okay.  So now I see you have Xs. So those Xs represent trees to be removed?  A. Yes.  Q. Now, there are certain Xs that are through dots, and certain Xs that are not through dots. What's the distinction, if any?  A. There is no distinction.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	with stormwater management?  A. No. Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct. Q. No stormwater management facility is being proposed; right?  A. Correct. Q. No calculations were performed; correct? A. Correct. Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know. Q. You don't know? A. No. Q. Can you estimate, or no? If you can't estimate I'll move on. A. 600 feet. Q. Six hundred feet. And are you aware, or I'm sure you are because you reviewed the ordinance, as to what requirements there are in connection with driveways that exceed 500 linear feet?	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.  Q. The enlarged plan to the left. Oh, okay. So now I see you have Xs. So those Xs represent trees to be removed?  A. Yes.  Q. Now, there are certain Xs that are through dots, and certain Xs that are not through dots. What's the distinction, if any?  A. There is no distinction.  Q. And in terms of those trees to be removed,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	with stormwater management?  A. No.  Q. And there's no stormwater management techniques that are being proposed in connection with this application; correct?  A. Correct.  Q. No stormwater management facility is being proposed; right?  A. Correct.  Q. No calculations were performed; correct?  A. Correct.  Q. What's the length of the driveway between the public right-of-way and your compound?  A. I don't know.  Q. You don't know?  A. No.  Q. Can you estimate, or no? If you can't estimate I'll move on.  A. 600 feet.  Q. Six hundred feet. And are you aware, or I'm sure you are because you reviewed the ordinance, as to what requirements there are in connection with	you're removing in connection with this application, have you submitted a tree removal plan to this Board?  A. No.  Q. How many trees are being removed, do you know?  A. Ten.  Q. And where on the site plan, and I apologize to you sincerely because I didn't see that, where are you referring to on your plan?  A. So our Sheet SP-2.  Q. S-3  A. No. SP-2, sheet four of nine. The enlarged plan to the left indicates trees to be removed.  Q. The enlarged plan to the left. Oh, okay.  So now I see you have Xs. So those Xs represent trees to be removed?  A. Yes.  Q. Now, there are certain Xs that are through dots, and certain Xs that are not through dots. What's the distinction, if any?  A. There is no distinction.

	Page 105		Page 106
1	without an "X" in it, and it looks like there's a tree	1	determine the diameter breast height of any of these
2	canopy that surrounds that. Is that accurate?	2	trees?
3	A. So on the southwest corner there is a	3	A. No.
4	circle.	4	<li>Q. Did you do any of the fieldwork to</li>
5	Q. Right.	5	determine the tree canopy of any of these trees?
6	A. That circle is a sanitary cleanout for the	6	A. No.
7	septic system.	7	Q. Do you know the height of any of these
8	Q. So the delineated circle around it, the	8	trees that are intended to be taken down?
9	wider wavy circle that's not a tree canopy?	9	A. We didn't measure.
10	A. What you're describing definitely is a tree	10	Q. Do you know what type of trees they are?
11	canopy, but I don't see	11	A. No.
12	Q. So how is that tree canopy possibly	12	Q. Do you well, I'm going to ask this. So
13	remaining?	13	there's a trailer and it says relocate trailer, right?
14	A. So you said south?	14	Do you see that?
15	Q. Yes. Southwest?	15	A. Yes.
16	A. Right next to the pole?	16	Q. Where are you relocating the trailer to?
17	Q. Yea.	17	A. The DPW yard's going to relocate the
18	A. That tree needs an "X."	18	trailer.
19	Q. Right. That tree needs an "X"?	19	Q. You don't know where on the site; correct?
20	A. Right.	20	A. Correct.
21	Q. Now that tree looks like it has a pretty	21	Q. And with regard to these new trees that
22	big canopy, so do you know what the diameter at breast	22	you're planting, what is their maximum height? I think
24	height is of that tree that you're proposing to remove?  A. No.	23	you said for one of the species I think you said
25		24	20 feet, but I don't think you testified as to all of
23	Q. Did you do any of the fieldwork here to	25	them?
	Page 107		Page 108
1	A. I did not. So I don't know the maximum	1	plan on your chart, it looks like there's one row of
2	height of the proposed cedar trees.	2	it looks like pine trees that border certain portions
3	Q. And do you know on average how quickly	3	of the property that you depicted on your site plan.
4	these trees grow, how many feet per year?	4	Do you recall that? Do you see that?
5	A. I do not.	5	A. Yes.
5		)	11. 103.
6	Q. And do you know why the proposed	6	Q. What are the condition of those trees
	Q. And do you know why the proposed landscaping was only on the southern side and not also		
6		6	Q. What are the condition of those trees
6 7	landscaping was only on the southern side and not also	6 7	Q. What are the condition of those trees currently?
6 7 8	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound	6 7 8	Q. What are the condition of those trees currently?  A. I don't remember.
6 7 8 9	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is	6 7 8 9	<ul><li>Q. What are the condition of those trees currently?</li><li>A. I don't remember.</li><li>Q. Do you know if they're currently being</li></ul>
6 7 8 9	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no	6 7 8 9 10	<ul> <li>Q. What are the condition of those trees currently?</li> <li>A. I don't remember.</li> <li>Q. Do you know if they're currently being maintained by anyone?</li> </ul>
6 7 8 9 10 11	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?	6 7 8 9 10 11	<ul> <li>Q. What are the condition of those trees currently?</li> <li>A. I don't remember.</li> <li>Q. Do you know if they're currently being maintained by anyone?</li> <li>A. I do not know.</li> </ul>
6 7 8 9 10 11	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.	6 7 8 9 10 11 12	<ul> <li>Q. What are the condition of those trees currently?</li> <li>A. I don't remember.</li> <li>Q. Do you know if they're currently being maintained by anyone?</li> <li>A. I do not know.</li> <li>Q. On your plan, to your credit, there's an</li> </ul>
6 7 8 9 10 11 12	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that	6 7 8 9 10 11 12 13	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone?  A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses
6 7 8 9 10 11 12 13	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system	6 7 8 9 10 11 12 13 14	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone? A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property
6 7 8 9 10 11 12 13 14 15	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that	6 7 8 9 10 11 12 13 14 15	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone? A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?
6 7 8 9 10 11 12 13 14 15	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system being proposed?  A. No.	6 7 8 9 10 11 12 13 14 15 16	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone?  A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?  A. Yeah.
6 7 8 9 10 11 12 13 14 15 16	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system being proposed?  A. No.  Q. Is there any type of maintenance program	6 7 8 9 10 11 12 13 14 15 16	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone?  A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?  A. Yeah. Q. Okay. Is there any effort going to be made
6 7 8 9 10 11 12 13 14 15 16 17	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system being proposed?  A. No.  Q. Is there any type of maintenance program being proposed in connection with those trees?	6 7 8 9 10 11 12 13 14 15 16 17 18	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone?  A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?  A. Yeah. Q. Okay. Is there any effort going to be made by the applicant to do something about the fact that
6 7 8 9 10 11 12 13 14 15 16 17 18	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system being proposed?  A. No.  Q. Is there any type of maintenance program	6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone? A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?  A. Yeah. Q. Okay. Is there any effort going to be made by the applicant to do something about the fact that that fence is in ruins? Your word.
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system being proposed?  A. No.  Q. Is there any type of maintenance program being proposed in connection with those trees?  A. For one year the contract is obligated to maintain.	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone? A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?  A. Yeah. Q. Okay. Is there any effort going to be made by the applicant to do something about the fact that that fence is in ruins? Your word.  A. No.
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system being proposed?  A. No.  Q. Is there any type of maintenance program being proposed in connection with those trees?  A. For one year the contract is obligated to	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone?  A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?  A. Yeah. Q. Okay. Is there any effort going to be made by the applicant to do something about the fact that that fence is in ruins? Your word.  A. No. Q. Are you familiar with for the trees that,
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	landscaping was only on the southern side and not also on the western side of the compound?  A. The western side of the compound is currently a fenced-in area and to be used as an impound lot, I believe.  Q. Is that your answer as to why there's no landscaping in the area being proposed?  A. Yes.  Q. And with regard to the landscaping that you're proposing is there any type of irrigation system being proposed?  A. No.  Q. Is there any type of maintenance program being proposed in connection with those trees?  A. For one year the contract is obligated to maintain.	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. What are the condition of those trees currently?  A. I don't remember. Q. Do you know if they're currently being maintained by anyone?  A. I do not know. Q. On your plan, to your credit, there's an area I'm sorry, I keep having to take my glasses off post and rail fence in ruins along the property line, right? That's what it says?  A. Yeah. Q. Okay. Is there any effort going to be made by the applicant to do something about the fact that that fence is in ruins? Your word.  A. No. Q. Are you familiar with for the trees that, or the tree areas on your site plan that you showed are

Page 113 Page 114 1 talking about cabinets or are you still --1 fashion continue the question of Mr. Murawski -- Mr. 2 MR. SIMON: I asked one question about 2 Simon's questions of Mr. Murawski and continue with, I 3 cabinets or actually I two questions about cabinets and 3 forget her name, but we'll go back to the testimony 4 I got my answer. 4 with your RF engineer. 5 CHAIRMAN FLANAGAN: It's a sincere 5 MR. SIMON: In fairness to the Board, I 6 question. So what I'd like to do then is move on to 6 don't have many more questions for Mr. Murawski so I 7 our housekeeping items. Mr. Simon -- well, actually 7 think that's appropriate. 8 let me ask. Will we have the same witness back next 8 MR. SCHNEIDER: So what I was going to ask 9 month? What is your plan? Or let me ask, are you 9 was if there are a number of residential applications I 10 planning on coming back next month? I'm not going to 10 was just trying to figure out whether it was worthy to 11 presume anything. 11 bring Ms. Boschulte back, but it sounds like there's 12 MR. SCHNEIDER: Unless I decide to stay 12 that opportunity. 13 13 overseas, yes. Yes, I'll certainly come back next CHAIRMAN FLANAGAN: Yeah. I mean, it's a month. I will bring Mr. Murawski back. I don't know 14 14 month down the road. I have not seen the applications 15 15 whether it's more productive to proceed with Mr. we have for next month. Lori, do you thing we have 16 16 Murawski or return to Ms. Boschulte, but I'll bring several? 17 17 ADMINISTRATOR TAGLAIRINO: Well, we have both of them back. 18 CHAIRMAN FLANAGAN: I would suggest that we 18 Pitney coming back, and we have three new ones. 19 continue with Mr. Simon's questions of Mr. Murawski. 19 CHAIRMAN FLANAGAN: And without knowing 20 20 MR. SIMON: I was just asking what the date what those applications are I can't tell you how long 21 it will take. Okay. I think we had a good night 21 was. 22 22 tonight whereas we only had one. If we only had one on ADMINISTRATOR TAGLAIRINO: The 16th I think 23 the agenda we can get a lot done on this one. 23 it is. We have a lot of residentials. 24 24 MR. SCHNEIDER: Mr. Chairman, can I just CHAIRMAN FLANAGAN: So what I would like to 25 25 make one question, comment? And I think myself and Mr. to then just to keep it flowing, I think in a linear Page 115 Page 116 Purcell, Mr. Simon are all on the same page, that may 1 1 working through your application as quickly as we 2 not matter. I think we did get a lot accomplished 2 possibly can but there's a lot of questions that people 3 tonight. So one thought going forward is I think 3 are asking. 4 frankly from a cost perspective and efficiency 4 In terms of having additional sessions I 5 perspective, I don't know that we need to do it next 5 know that was brought up last month, or special 6 month, but would it be possible to maybe do it every 6 meetings for the purpose of, you know, getting through 7 bulk, it's a challenge. I'll be honest with you. other month and get a full night ahead rather than an 7 8 hour at a time and try to squeeze the witnesses, have 8 Members of this Board have other obligations, but 9 Dr. Eisenstein drive up for just an hour and Mr. 9 it's - to have it, you know, this Board here for two 10 Purcell sit there. And I'm just trying to think ahead 10 nights in a particular month in addition to site visits 11 in some way that we might get more come accomplished 11 it's a strain on the Board. 12 rather than 45 minutes at a time. 12 So the question is I guess for you is do 13 CHAIRMAN FLANAGAN: Yeah. I mean tonight 13 you feel that this Board is moving too slowly, that 14 is a perfect example of where we got much more than 45 14 this hearing or this application? And if you do, 15 minutes. And this is actually the topic I wanted to 15 16 discuss. So it's - you know I have an obligation to 16 MR. SCHNEIDER: No. I didn't suggest that. 17 hear these residential applications, right. I have to 17 I don't think I said anything to the contrary. 18 hear them within a certain time frame, and obviously 18 CHAIRMAN FLANAGAN: No, you didn't. yours needs to be heard within a certain time frame as 19 19 MR. SCHNEIDER: I think my comment was more 20 well. If I look at the time we have spent on this, 20 addressed at going forward a way to more efficiently 21 alright, it's rightfully been a lot of questions from 21 proceed in terms of scheduling in coordination with the 22 residential. That really was the focus of my comment. Mr. Simon, which he has every right to ask. If it's 22 23 your view that Mr. Simon is - should curtail his 23 CHAIRMAN FLANAGAN: Yeah. Sure. Fair

24

25

24

25

questions I guess we can take that into consideration.

I don't know how that would work, right, but we're

MR. SCHNEIDER: Well, I don't know that

enough. What was the thought?

it's something — I think maybe it works out all well next month that we complete — it sounds like you have a lot of residential. You have the Pitney matter. It doesn't sound like we have a lot of time. Maybe it just works in well we finish up Mr. Murawski.

I guess my point is rather than bring Ms. Boschulte back the following meeting for a half hour and then 45 minutes the next meeting, I don't know that that's an efficient way to proceed, but it's basically suggesting maybe going forward, maybe if there are nights where we're not going to get a significant amount of time maybe you get — make some progress on the residential and then we be given a substantial portion the following month. That's a thought.

CHAIRMAN FLANAGAN: So you would carry your application from a particular month --

MR. SCHNEIDER: If I knew that I was getting a sufficient time, and I don't know -- I'm just throwing that out there. Because frankly Dr. Eisenstein has to come up, and it's, you know, the next month Dr. Eisenstein it's a half hour for Mr. Murawski. If that's all we get I don't know if that's an efficient use of his time.

CHAIRMAN FLANAGAN: Yeah. It's about the
 chunk of time, I guess you're asking.

MR. SCHNEIDER: Right.

CHAIRMAN FLANAGAN: And just to be sure I'm certain, you're not talking about the order of events, correct? Because I think we have talked about that before. Dr. Eisenstein you come from Philadelphia, so I think your preference is to come or to start this hearing later in the evening, I guess, right?

DR. EISENSTEIN: We're on a schedule now where we can make the earlier time.

CHAIRMAN FLANAGAN: All right. Okay. So that's a change.

DR. EISENSTEIN: Schedule has changed.

CHAIRMAN FLANAGAN: All right. So one thing we can do, if it helps is, I'm happy to have your – the only reason I've always scheduled your application last is because Dr. Eisenstein had to come from Philadelphia.

DR. EISENSTEIN: That was correct in the previous months, but we're in a new quarter now and our timing works out better. We'll be up Thursday afternoon.

CHAIRMAN FLANAGAN: So if it helps you, and I know that's not what you're asking for, but the one thing we can do is have you go first. I think you deserve that. You've been on the calendar the longest.

## Page 119

So certainly I'm willing to do that.

And regarding the how much time, what we can do, I guess, is try to give you a better sense of how much time will be available. So in terms of, you know, so next month we're going to have several applications. I imagine we can bump one of those or we don't have to hear all the those next month. And I don't know, it's a question I'm asking. Are there any of those applications that don't have to be heard next month? And let us come back, because I have an obligation to hear these.

ADMINISTRATOR TAGLAIRINO: Well, they're in for review. As I said, there's two today, two that exist, one's coming back, one is I think is ready, two will be getting there. I'm just saying that we have four in, and so Gary will review. I don't know if any of them would trigger a site inspection. There's all kinds of things. So it will be something I guess you really have to monitor closely and make a decision on.

CHAIRMAN FLANAGAN: And it's a question with are they ready to go forward, and I simply don't know the answer. How quickly after an application is submitted do we need to hear it? I'll talk to Gary about that and we can talk about it. If there are applications that I can push because I have no time I'm

Page 120

Page 118

happy to do that, but listen, I don't want to put any
 of the residents — I don't want to push off any
 residents. With that said this application has a right
 to be heard as well.

MR. SCHNEIDER: I haven't suggested at all that the Board hasn't been very fair to me.

CHAIRMAN FLANAGAN: Fair enough. Yea, and I just think that because we had to have some discussion which was the initial reason.

MR. SCHNEIDER: Let me just make one —
I'll throw out one suggestion for next month. If you
do have a number of residentials and the Pitney matter
it's almost taking Mr. Simon at his word that he
doesn't have that much left for Mr. Murawski, maybe
what we can do is clean out a lot of the residentials.
Move the residentials, finish up Murawski — Mr.
Murawski, and then maybe clear, so to speak, the agenda
so that in June you've made significant progress on
your residential and then we can get a bulk of time to
bring back Ms. Boschulte. That's just a thought.

CHAIRMAN FLANAGAN: Sure. And just to understand, I don't know what is coming down the pike for residential. So for example, the one's coming back next month only one of them apparently is a pre-existing application. So I just — Lori gets some

Page 121 visibility, I guess, a month in advance of what we have, but three months from now -

ADMINISTRATOR TAGLAIRINO: Sometimes I get surprised like today and they just show up.

CHAIRMAN FLANAGAN: So I hear your point. We'll try to get through as many as we can. So even if we got through every application next month there's no guarantee that the next month I won't have another five in front of me.

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

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

MR. SCHNEIDER: Okay. I just wanted to plant that seed.

CHAIRMAN FLANAGAN: Sure. My goal is to get - with all of these applications, right, I understand the expense associated with it, right. And it's something that the Board discusses regularly. We're cognizant of the fact that the applicant has expenses to pay for, and attorneys, et cetera. It is always the goal to do these things as efficiently as possible.

MR. SCHNEIDER: And I appreciate the sensitivity. We have a unique situation. We have a conflict Board attorney, and we have Dr. Eisenstein. You know, so all of those are coming out of my escrow.

CHAIRMAN FLANAGAN: I understand. And this is a conservation we have to have frequency, right,

about the cost associated to generally spoken in terms of residents, but you have a right be here as an applicant, so the cost --

4 MR. SCHNEIDER: Okay. I think --

1

2

3

11

13

14

15

16

17

18

19

20

21

22

23

24

25

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

5 MR. SIMON: So Mr. Chairman, just to 6 support Rich for a second. So if next month we do, you 7 know, whatever the residential's are, whatever they may 8 be, plus finishing up just the engineer I think that 9 obviates the need for probably Dr. Eisenstein to be 10 here or Ms. Boschulte to be here. That's up to the applicants of course, but I'm just suggesting that that 12 may be a way to reduce cost.

> CHAIRMAN FLANAGAN: I understand. And I will say Dr. Eisenstein is here for the Board. He's our expert. I understand. It's a good suggestion. And you'll understand I would not necessarily -- I would definitely not have a meeting without an attorney, but understand.

MR. SIMON: Just being courteous. CHAIRMAN FLANAGAN: Alf, you had a question?

BOARD MEMBER NEWLIN: Mr. Schneider, perhaps unfair or not, but one thing that would be helpful some of the testimony that's coming up, particularly alternate sites, having more prep. Last

## Page 123

time we went into this I didn't think you guys were prepared to discuss alternate sites at all. So since we're going to be looking at alternate sites the more prep you have for us that we can look at ahead of time, at least for me, it helps as a Board member to be much more efficient. So organization. And the second -

MR. SCHNEIDER: I thought we were, I just didn't think we got to it.

CHAIRMAN FLANAGAN: Well, I don't think

BOARD MEMBER NEWLIN: There were no coverage maps. There didn't seem to be any consideration. Maybe there was, but - so it seemed like it was a waste of time.

And secondly, just let us know what the game plan is. You do this for a living, so overall structure, how you expect to go from here to the end it's always helpful to me if you can summarize your main -- the road map of how you're going go about this,

MR. SCHNEIDER: Sure. We did have the props but we didn't get to them. But let's not belabor that. So the game plan will be presumably to finish up with Mr. Murawski.

BOARD MEMBER NEWLIN: I'm sorry. Let's say

Page 124

Page 122

1 this goes ahead and this site develops will we have 2 another chance to ask additional questions? Because 3 Mr. Simon asks a lot of typical site plan questions 4 that we didn't get to. At some point we will be able 5 to ask those questions. 6

MR. SCHNEIDER: I have no issue bringing back Mr. Murawski if that's the Board's -- if there's anything that's substantively that he needs to address. So finish up, Mr. Murawski. Obviously address to the extent we're required to address the alternate site inquiry, predicated on an assumption that the alternate site is available. If the alternate site is not available then its analysis as to whether it's suitable or not suitable from an RF or a planning perspective becomes an irrelevant consideration.

CHAIRMAN FLANAGAN: It's your case to make. MR. SCHNEIDER: That's fine. So to answer your question, in a certain particular order we'll bring back Mr. Murawski, we'll address the alternate site. We will then re-call Ms. Boschulte to (A) remain subject to Mr. Simon's questions and any redirect, and then proceed with our professional planner. And you have my commitment as I indicated that we would provide alternate photo sims of the visual analysis of the different options as you had asked.

Page 125 Page 126 1 CHAIRMAN FLANAGAN: Okay. 1 cooperative. 2 2 CHAIRMAN FLANAGAN: Well, how much longer MR. SCHNEIDER: Does that answer your -3 BOARD MEMBER NEWLIN: It does. We usually 3 do you think you need? MR. SIMON: Probably 20 minutes. I don't 4 4 for site plans, Paul usually prepares a report. 5 CHAIRMAN FLANAGAN: Paul, will you prepare 5 want to hold to that. 6 6 CHAIRMAN FLANAGAN: I won't hold you to it, 7 7 MR. FOX: Sure. I prepared an initial but I would be happy to carve out the first hour of the 8 meeting for you and if you're done quicker you're done 8 report for this application. The applicant did submit 9 9 some revised plans, so I can update that. quicker; if it takes the hour it takes the hour. The 10 10 BOARD MEMBER NEWLIN: A lot of questions risk, of course, of that is that once the hour's up 11 Mr. Simon asks, at least in my experience anyway, show 11 we're going to move to the next one, as opposed to 12 getting the benefit of having any extra time. 12 up in your report and you get down to the level that he 13 did. I don't know what the timing would be for your 13 MR. SCHNEIDER: Why don't we do this. 14 CHAIRMAN FLANAGAN: You don't have to 14 report, so that's why I asked how this is going to 15 15 work, but I've always found it very valuable. decide now. 16 MR. SCHNEIDER: No, and I think so there's 16 MR. FOX: That's no problem. 17 CHAIRMAN FLANAGAN: So just, Mr. Schneider 17 an open line of communication, there's no disagreement, just so I'm clear so someone can remind me, would you 18 we'll touch base in advance of the next month. If 18 19 between now and the next month you can just give me a 19 like to go first next month? Does that work for 20 20 everyone present? general sense based on the status of your residential 21 MR. SIMON: It's fine. It's Rich's 21 application how much time you contemplate giving us 22 then I'll make a cooperative decision about, if we're 22 application. I just want to be prepared so I can be as efficient as possible. Just to find out then if - is 23 only going to get 45 minutes and Mr. Murawski is going 23 24 to take 30 minutes then I don't know if it's worth 24 the applicant going to get a certain time period? 25 25 Because I'd like to - I try to work and be bringing in another witness. Page 127 Page 128 1 applicant and the Board certainly the more they can get 1 CHAIRMAN FLANAGAN: Fair enough. So we'll done on direct, including supplemental direct, I think 2 talk to Lori. We'll get more discussion as to those 2 3 applications. 3 would limit my cost. 4 MR. SCHNEIDER: Then we'll work backwards CHAIRMAN FLANAGAN: That makes sense to me. 4 5 I want to make sure that you don't have any --5 as to who that is. So to answer Mr. Newlin's question. 6 So ultimately it will be alternate sites. Re-call Mr. 6 MR. SIMON: I don't think it prejudices my 7 7 - continue testimony of Murawski including responses client, so --8 CHAIRMAN FLANAGAN: Okay. 8 to any supplemental reports from Mr. Fox, re-call Ms. Boschulte and the professional planner with the initial 9 MR. PURCELL: So we have one more 9 10 10 housekeeping issue. visual analysis. 11 CHAIRMAN FLANAGAN: "The" housekeeping 11 MR. SIMON: One other thing from the Board, 12 and I haven't thought of this myself, but if Ms. 12 issue is. 13 MR. PURCELL: The MLUL requires that the 13 Boschulte is going to be presenting alternate sites, 14 what have you, the question is in my mind whether to, 14 Board act on the variance application on 120-day 15 period. We're just about there. There's also an FCC 15 because I'm in the middle of cross-examining her, 16 shot clock we need to discuss. But Mr. Schneider, I 16 right? So the question is whether I should be 17 know we're discussing dates, but would the applicant 17 continuing to cross-exam her, or I should wait, have 18 consent for purposes of the MLUL adding a requirement her do the alternate sites and then - I just want to 18 19 to extend the date to July 18, 2019. 19 know. 20 MR. SCHNEIDER: Yes. Yes as to the 20 CHAIRMAN FLANAGAN: Well, would you object 21 to allowing her to go present the alternate sites and 21 municipal land use law. Yes, as to the FCC shot clock 22 then continue your cross-examination? 22 with the understanding that under the FCC shot clock 23 order the Board also has to technically consent that I 23 MR. SIMON: I just want to thing about it, 24 24 but I think not. I mean, normally it's their have no issue with that. 25 MR. PURCELL: Right. So that's the next 25 application, and I think that in fairness to the

Page 129 Page 130 1 part of this. There's the MLUL and then because 1 extend the time. And what they're agreeing to do is 2 there's a Federal Telecommunications Act. The Federal 2 not go complain to the court, right? So the applicant 3 Telecommunications Act says municipalities have to act 3 consents to that. Why do we need to consent to the 4 within a reasonable period of time with the 4 applicant consenting not to go take us to court? 5 application, which the FCC has said it's presumptively 5 MR. PURCELL: That's how the MLUL works and 6 150 days. Next month will be 150 days. 6 that makes a lot more sense. The FCC operates under a 7 So essentially we would be just - the FCC 7 different set of orders. It says by mutual consent 8 says it has to be by mutual consent. So someone would 8 just to cross every "T" and dot every "I." 9 have to make a motion with a second and then we do a 9 CHAIRMAN FLANAGAN: So someone wrote that 10 voice vote that would allow us to extend the shot clock 10 they read mutual instead of the applicant consents, and 11 from May to also July 18, 2019. 11 now we have to sit here and vote whether we agree that 12 BOARD MEMBER NEWLIN: Is there any reason the applicant agrees he's not going to go sue us 12 13 why he wouldn't want to do that? 13 because it's taking too long. Who wants to make a 14 MR. PURCELL: No. What it does is 14 motion? I have no idea what the motion would be, 15 preserves the township's rights otherwise we - if you 15 blew by the shot clock Verizon would have the ability 16 16 MR. PURCELL: Well, it's a motion by mutual 17 to go to Federal Court to say that we had not acted on 17 consent to agree that the shot clock is extended to 18 their application within a reasonable time. 18 July 18, 2019, for purposes of the FCC order 19-99. 19 CHAIRMAN FLANAGAN: It makes absolutely 19 BOARD MEMBER NEWLIN: Motion. 20 zero sense to me, and it's late and I don't want to get 20 CHAIRMAN FLANAGAN: Second. Alrighty. All 21 into it. It makes zero sense to me, because what we're 21 in favor? 22 talking about is the applicant telling us, and tell me 22 (Voice vote is taken; unanimous vote "aye") 23 if I'm mistaking this, but the applicant is consenting 23 MR. SCHNEIDER: So for purposes of the 24 that - listen, the Board has done what we need to do 24 record, for notice purposes we're carrying it to the 25 to hear this case, and they promise or they agree to 25 Board's May -Page 131 Page 132 1 ADMINISTRATOR TAGLAIRINO: 16. 1 CERTIFICATE 2 MR. SCHNEIDER: 18th at 7:30 p.m. 2 3 3 ADMINISTRATOR TAGLAIRINO: 16th. 18th is a I, IRIS LA ROSA, a Notary Public and Certified 4 Saturday. 4 Shorthand Reporter of the State of New Jersey, do 5 5 hereby certify that the foregoing is a true and MR. SCHNEIDER: I'm sorry. May 16th, 7:30, 6 6 accurate transcript of the testimony as taken no further notice. 7 stenographically by and before me at the time, place, 7 CHAIRMAN FLANAGAN: All right. Ladies and 8 and on the date hereinbefore set forth. 8 gentlemen, we are adjourned. Thank you. 9 I DO FURTHER CERTIFY that I am neither a 9 (Whereupon, the hearing on this application 10 10 relative nor employee nor attorney nor counsel of any concludes at 11:08 p.m.) 11 of the parties to this action, and that I am neither a 11 12 relative nor employee of such attorney or counsel, and 12 13 that I am not financially interested in the action. 13 14 14 15 15 IRIS LA ROSA, CSR, RPR 16 16 Certificate No. 30XI 00162800 17 17 Dated: 18 18 19 19 20 20 21 21 22 22 23 23 24 24 25 25

			v	
	act 59:20,22	118:21	American 75:23	48:7,9,11,13
A (1.0)	98:18 128:14	agenda 114:23	amount 15:14	48:14,15,25
ability 61:9	129:2,3,3	120:17	36:21 43:24	49:1,5,21 50:3
129:16	acted 129:17	ago 36:22 62:5	45:15 53:6	50:6 51:6,22
able 28:24 38:15	action 61:5	agree 46:1 48:24	61:8 117:12	51:25 52:2
40:1 47:4	132:11,13	56:23 61:6	amounts 37:22	53:12,19 54:10
48:23 60:7	activated 110:19	78:7,7,12 79:2	ample 15:14	64:20,20 71:23
70:19 86:19	activities 92:15	79:10 129:25	ample 13.14 amplified 38:7	71:25 72:19,23
88:14 111:20	92:22	130:11,17	amplifier 37:16	73:5
124:4	add 60:9	agreed 64:14	38:6	Antennas"R"
absent 33:18	add 60.9 added 21:4		amplifiers 38:21	38:19
absolute 72:9	***************************************	agreeing 130:1	-	NSC 2007/87/2004 (A)
73:7	adding 128:18	agreement 81:13 85:22	amplify 37:18	anticipating 17:24 34:1
absolutely	addition 20:12	200 001 0 00000 9 000 0	analogy 73:17	
129:19	36:11 58:13	87:1	analysis 110:13	anybody 63:13
accept 8:17	116:10	agrees 130:12	124:13,24	anymore 32:18
acceptable	additional 15:15	ahead 20:25	127:10	56:21
66:12	20:16 23:2,24	52:22 55:14	and/or 23:1	anyway 64:24
access 18:12,14	62:17 63:3	115:7,10 123:4	answer 57:23	125:11
94:25 95:2,9,9	101:11 116:4	124:1	59:6 63:9	apart 73:13
95:12,15,17,25	124:2	AICP 1:19	65:25 85:10	apologize 14:14
96:5,7,13,21	ADDONIZIO	air 30:15,21,24	86:23 88:5	61:23 104:7
100:8,17,20	1:15	32:11,14,16	94:16 107:12	110:18
accessed 86:19	address 65:15	<b>alarm</b> 33:11	111:3 112:21	apparatus 96:21
accesses 16:14	124:8,9,10,19	Alaskan 24:7	112:22 113:4	apparently
accessing 17:2	addressed 57:22	<b>Alf</b> 1:14 122:20	119:22 124:17	120:24
100:23	116:20	allotted 15:8	125:2 127:5	appearance
accommodate	Adjacent 17:17	allow 56:18,18	answer's 80:25	19:23 24:20
17:2 20:6,9	17:20 25:4	129:10	88:6	78:17 79:1,7
29:12 36:10	adjoining 31:24	allowable 84:9	antenna 28:10	appeared 8:5
38:15 49:15	adjourned 131:8	allowed 56:20	36:14 37:12,17	appearing 9:11
50:13 55:12	ADJUSTMENT	59:24	37:22 39:18	appears 12:9
56:12 67:25	1:1	allowing 127:21	48:3 53:1	applicable 13:4
68:8 76:19,23	Administrator	allows 25:8	54:17 55:11,13	13:10
accommodated	1:18 10:17,22	31:17 36:6	58:22,22 59:9	applicant 2:5
70:15	29:7 113:22	alluded 33:3	72:2,20 73:12	24:17 26:18
accommodates	114:17 119:12	alright 115:21	73:17,24 74:9	34:5 45:17
42:15	121:3 131:1,3	Alrighty 130:20	74:22 84:15	46:2 56:9
accommodating	admit 88:4	alternate 5:18	antennae 48:5	60:23 62:25
63:13	advance 121:1	5:19,20 79:20	73:8 74:20	80:19 87:13
accommodation	126:18	88:19,21 89:13	antennas 19:4	108:18 109:25
15:19	advertising	90:8 122:25	20:7,14,19	110:6 121:16
	26:17	123:2,3 124:10	34:20 35:12,15	122:3 125:8,24
accompany 81:13	advise 116:15	124:11,12,19	35:22 36:2,10	128:1,17
	advised 49:23	124:24 127:6	36:12,16,19,23	129:22,23
accomplished	aesthetics 19:23	127:13,18,21	39:11,15 42:13	130:2,4,10,12
115:2,11	affect 40:9	alternative 4:8	42:20 43:3,19	applicant's 4:11
accurate 81:1	affirmatively	alternatives	43:21 44:2,21	5:8
105:2 132:6	33:25	34:6	45:2 46:5,19	applicants 6:20
acoustical 31:6	afternoon 40:18	Ambitious 6:1	46:19,23 47:3	122:11
acres 11:25	alternoon To.10	ZAMIDILIOUS U.I	10.17,23 77.3	122.11

				rage 134
application 4:2	86:3,19 90:5	79:19 89:16	97:23 98:14	92:20 94:25
5:1 9:14 84:23	90:15,24 99:13	94:19	101:1 102:12	95:3
85:16 88:11,22	100:2,23 102:8	assuming 7:20	103:20 108:23	battery 25:2,4
89:23 96:18	107:10,13	54:21 75:13	109:2	112:13,16
101:12 102:18	108:13 109:21	assumption 62:6	aye 130:22	beacon 27:19
103:5 104:1	111:24	124:11	aye 150.22	
110:1 116:1,14	area's 100:18	assumptions	B	beautiful 74:5
117:16 118:16	101:20	62:21	B 3:9 44:3	beginning 19:10 42:25 60:11
119:22 120:3	areas 15:11,13	AT&T 61:25	Bachelor's 8:13	behalf 82:12
120:25 121:7	90:16 99:21,24	82:2,16,25	back 4:6,7 14:11	85:18
125:8,22	102:3 108:22	83:5,8	14:22 20:4	belabor 123:22
126:21 127:25	arguably 49:12	atmospheric	27:24 28:24	
128:14 129:5	argue 22:20	30:11	46:21 50:25	believe 10:11
129:18 131:9	58:8	attaching 35:22	51:2,18 52:21	16:1 37:9
applications	argument 45:19	attempt 88:12	53:21 56:10,17	43:12 87:4,18
114:9,14,20	56:9 63:8 64:2	88:14	57:24,25 64:13	88:17 89:5
115:17 119:6,9	65:12		69:3 80:9,11	91:24 101:7
119:25 121:13	Aric 1:13 5:17	attendance 10:1	80:13 83:11	107:11 111:6
127:3	LIBOURING PRODUCTION STATE AND ALTERS VI	attention 13:13	86:17 113:8,10	bend 53:13,14
applied 85:17	arisen 16:6	24:13 27:24	113:13,14,17	56:11
^ ^	array 14:23	attenuated	114:3,11,18	benefit 5:22
apply 22:1 78:23	arrive 90:3,7,8	37:18	117:7 119:10	7:25 63:22
appreciate 5:3	arrives 18:17	attenuating 31:6	119:14 120:20	126:12
121:20	ascertain 96:12	attenuation	120:23 124:7	benefits 54:4
appropriate	aside 26:14 53:2	71:11	120.23 124.7	best 46:1 53:10
10:5 21:5 58:6	asked 15:6	attorney 2:3,8	100 March 10 March 100 Mar	53:11
114:7	26:23 34:4	121:22 122:18	background 6:16 10:4	bet 46:1
appropriately	41:13 87:18	132:10,12	backwards	better 34:12
38:23	98:8 112:6	attorneys 2:5	56:12 127:4	38:8 40:2,2
approval 23:1	113:2 124:25	121:17	bad 5:6 39:23	70:3 118:20
57:9 62:22	125:14	audience 3:17	57:25 78:24	119:3
84:24	asking 51:16	50:5 61:18	balance 87:14	bid 15:9 34:3
approvals 83:17	74:11 85:13	automatically	bands 65:18	big 67:21 73:9
84:10 102:22	86:25 111:11	30:2	Bansal 2:8	76:3 105:22
approximate	113:20 116:3	available 4:7		bigger 76:14
33:21	117:25 118:23	18:9 20:14,16	base 19:18 35:8	77:2,5,6
approximately	119:8	34:14 58:6	35:9 42:8,8	bit 4:14 8:5
15:21 16:17	asks 124:3	100:3 119:4	43:10 60:16	18:13 36:20,20
17:1 19:15,19	125:11	124:12,13	67:24,25 76:19	38:13 65:21
19:20 36:3	aspect 42:22	ave 80:6	76:21,23 79:17	74:17 77:6
37:4,5,6 85:11	aspects 29:18,22	average 31:13	126:18	82:2 109:9
85:21 93:1	33:4	32:4,5,11	based 31:22	blew 129:16
101:8	assembly 25:7	107:3	34:3 66:8 67:9	Block 1:6
April 1:8 10:15	assist 82:12	avoid 78:11	79:25 86:23	Blue 1:9
architect 23:7	assisted 84:20	aware 11:21	95:11,12 99:5	<b>BOA</b> 1:4
area 12:1 14:23	associated 21:19	83:13,21 89:16	126:20	<b>Board</b> 1:1,11,18
20:13,13,16,21	26:24 92:9	89:25 92:19,22	basic 35:1,3	2:3 3:5 5:12,15
20:22 21:10	121:14 122:1	92:25 93:4,8	basically 42:4	5:22,25 7:22
49:12 53:1,10	assume 8:20	93:20 94:16	117:9	7:25 8:6,11 9:2
77:6 85:2,14	9:10 28:3 63:1	95:8 96:20	basis 70:13 92:7	10:2 11:6,18

12:16 14:1,10	bolted 25:8	57:5 58:4,4	78:14	67:12 68:7
21:15 22:2	border 108:2	59:16 60:5,5	cables 37:20	71:15 83:8
24:5 26:9 29:2	boroughs 82:8	60:20 62:16	38:11,13,20	84:14
29:14 30:20	Boschulte 4:11	63:19 65:2	44:5,21 45:11	carrier's 43:3
31:1,3 32:3,9	113:16 114:11	66:1 67:16,24	45:11,13 46:4	45:1
32:19,23 34:4	117:7 120:20	68:8,19 70:17	53:8,11 54:15	carriers 15:15
34:14 36:25	122:10 124:20	building 1:8	54:18 78:10	17:2 20:10
37:8 38:10,24	127:9,13	15:12 28:15	cabling 36:22	26:7 35:24
39:5 40:12,19	bottom 19:21	39:11 45:21	43:3	44:24 45:10
41:8,16,21,25	60:7 69:20	51:25 54:22	calculation	48:6 49:8
44:9,12,16,19	bounded 86:3	88:24	74:15	51:14 52:25
	box 10:20	buildings 93:2	calculations	61:10,10,12,24
45:7,19 46:6	boxes 15:11	98:9,15	103:10	62:4,9 79:16
46:11,17 49:14		built 46:15	calendar 118:25	82:5
50:4 51:4	boy 53:22	57:13 59:10	call 6:16 14:25	carry 60:21
52:20 56:22	branches 20:2 35:7	98:9	23:16 25:7	117:15
57:8 58:3	20 CH 2 CH	5 5 7 7		
59:12,13,25	branching 19:10	bulb 27:12	35:13,14,16	carrying 130:24
60:10 62:13,20	19:12,14,16,22	bulk 13:3,9	37:3 42:1	carve 126:7
62:25 63:16	20:1	78:22 87:3,7	52:23 66:15	case 1:4 30:10
65:11 66:20	break 80:8	87:12 91:1,8	69:12 81:12	35:22 41:17
67:23 68:2,12	breast 105:22	116:7 120:19	83:14 95:25	43:7 51:1
68:15 70:5,17	106:1 108:23	bump 119:6	called 27:1 36:6	59:22 62:8
71:3,14 75:8	Brian 2:9	bushes 23:16	39:16 52:24	68:4 78:12
75:19 76:15,17	bridge 17:11	business 75:5	57:7 73:15,20	96:21 100:19
77:1,9,11,13	78:1,4,8,14	buy 38:20	74:1,2 77:25	124:16 129:25
77:15,18,19	brief 7:12 29:20	C	87:13	category 34:6
78:15 79:6,11	briefly 7:24		camouflage	caveat 21:13
80:3,3 83:12	22:23 24:19	C 2:1 132:1,1	35:24	23:6
83:18,23 84:4	29:21 34:7,11	C-1 24:22,23	cancels 61:4	cedar 24:7,8
84:5 85:4	brightness 27:13	cabinet 17:14	canopy 17:16	107:2
88:18 104:2	bring 6:8,24	18:5,6,8 25:2,3	24:25 25:14,18	cell 33:22
114:5 116:8,9	14:14 37:11	25:4,9,10,10	25:19 105:2,9	center 16:18
116:11,13	40:7 70:13	27:4,7 104:24	105:11,12,22	34:25 36:3
120:6 121:15	113:14,16	111:17,19	106:5 109:2	central 33:12
121:22 122:14	114:11 117:6	112:13,16	capacity 30:8	certain 20:18
122:22 123:5	120:20 124:19	cabinetry 16:23	31:10 65:22	21:23 24:17
123:11,25	bringing 6:2	21:20 22:11	car 18:21 30:23	28:17 30:11
125:3,10	36:7 124:6	25:24 26:5,6	care 109:8,10	53:6 71:10
127:11 128:1	126:25	26:10	Carifa 2:10	72:5 99:10
128:14,23	broad 23:14	cabinets 17:13	carrier 17:4	100:16 104:19
129:12,24	broadleaf 23:15	17:15,17,19	19:2 22:11	104:20 108:2
130:19	broken 42:10	24:17,25 25:1	42:25 44:3,5	115:18,19
Board's 53:20	brought 36:4	25:8,13 26:4	45:23 47:16,17	118:3 124:18
124:7 130:25	66:25 116:5	78:9 111:16	47:24 48:1,1,3	125:24
board-on-board	brown 19:24	112:18 113:1,3	48:5 54:9	certainly 11:7
16:8,13	20:1	113:3	55:12,13 57:3	21:24 22:20
<b>Boards</b> 49:23	<b>build</b> 45:20 46:2	cable 17:11 38:1	57:4,11 58:10	23:2 55:22
50:11	49:14 52:1	38:3 71:15	58:12 61:1	57:18 58:23
<b>bolt</b> 69:20	54:25 56:16	77:25 78:4,8	62:6,11,17	79:16 101:20

				rage 130
102:19 113:13	118:10,13,22	90:16	101:2	117:20 118:5,6
119:1 128:1	119:20 120:7	Christ 88:24	closely 17:5	118:16 119:10
Certificate	120:21 121:5	Christel 2:9	119:19	comes 38:5 44:7
132:16	120.21 121.3	Christina 2:9	closer 61:22	l
Certified 1:23	122:5,13,20	chunk 117:25	72:3 74:16	53:21 54:8,9
132:3	123:9 124:16	Church 88:23	cluster 34:20	54:23 55:3
certify 132:5,9	125:1,5,17	88:24		56:17 57:4
cetera 80:1	126:2,6,14	circle 65:6 105:4	36:1,6,9,20,21	58:18 60:8,9
121:17	127:1,20 128:4		40:7	61:1 62:7
chain-link 16:10	128:8,11	105:6,8,9	CME 1:18	63:20 65:9
Chairman 1:12	129:19 130:9	circles 23:9	co-applicant	66:2 67:14
		circulation	83:3	95:18
4:1,3,4,11,17	130:20 131:7	99:16,20	coax 53:8 70:23	comfort 26:10
4:21,25 5:13	CHAIT 2:4	circumference	71:10 78:10	coming 37:24
5:16 6:1,16,18	challenge 116:7	46:22	code 27:25 28:2	71:15 113:10
8:4,12,17 9:25	chance 38:11	circumstances	28:6,8,15	114:18 119:14
10:7 14:16	74:16 124:2	94:9	75:24 76:10	120:22,23
17:7 24:1,11	change 16:2	citizens 97:24	cognizant 46:18	121:23 122:24
28:21 29:5	65:19 68:5	civil 7:15 8:1,15	121:16	commenced
37:14 40:13	118:11	claimed 86:13	College 8:14	98:12
41:11 44:23	changed 16:13	clarification	COLLINS 2:4	Commencing
47:6,8 48:2,17	118:12	13:24 41:17	collocate 54:4	1:10
48:20 49:6,18	characteristics	75:12	56:6 61:4,9	comment 88:17
50:16,25 51:6	79:14	class 40:17	62:11 70:12	96:17 98:25
51:12 52:4,9	charge 20:17	classes 75:5,5	collocation	114:25 116:19
52:12,17 53:16	40:22	classify 34:6	15:12 19:3	116:22
54:1,7,20 55:2	<b>chart</b> 101:24	clean 21:9 73:21	20:5 24:14	comments 96:19
55:10 56:1,10	108:1	120:15	42:19 43:1,4	commercial
57:17 58:8,11	<b>chase</b> 52:25 53:4	cleanout 105:6	collocation's	99:2
58:14 59:3,7	53:4 85:20	cleanup 27:23	59:23	commitment
60:13,15 61:20	check 33:23	clear 13:6,14	collocator 63:13	124:23
63:5,23 64:4,6	68:13,14	14:19 15:16	83:15,22 86:18	commonly 9:7
64:10 65:5,25	checking 10:14	60:10 72:2	collocator's 43:3	communication
66:14 67:4,13	checks 30:14	88:8 96:4	collocators	8:3 21:21,23
68:9,23 69:2,6	CHIPPERSON	120:17 125:18	15:13,20 18:10	28:1 126:17
69:14,22 70:21	1:13 32:3	clearly 12:19	26:11 28:4	communicatio
70:25 71:19	38:24 39:5	79:14	29:13 47:5,10	13:14
72:7,12,16,24	40:12 51:4	clicker 14:14	50:14 59:21	company 80:23
73:2,7 74:19	52:20 56:22	client 128:7	color 35:21	compared 13:18
74:23 75:4,10	65:11 66:20	clients 85:18	combination	compensated
75:14,17 76:1	67:23 68:2,12	climber 35:17	21:11	50:1
76:7,12 77:17	68:15 70:17	clock 128:16,21	come 4:6,7	complain 130:2
80:2,12 85:12	71:3,14 75:19	128:22 129:10	39:24 45:23	complained
109:6,15	76:17 77:1,11	129:16 130:17	49:16 53:18	57:21
112:25 113:5	77:15	clocks 4:22	56:13 57:7,19	complete 57:8
113:18,24	choose 23:4	close 31:9 34:21	58:21 62:18,19	117:2
114:13,19,24	49:16	36:14 37:17	65:14 69:3	compliance 22:6
115:13 116:18	chooses 20:18	72:22 73:16,18	80:9 83:15,22	22:13 28:1,6
116:23 117:15	chose 34:14	73:24 74:7	84:3,5 110:21	31:19 32:1
117:24 118:2	chosen 19:10	closed 100:18	113:13 115:11	THE PERSON OF THE PERSON OF
117.27110.2	CHUSCH 17.10	C10860 100.10	113.13 113:11	compliant 96:1

				Page 137
aomplicated	confirm 33:4	contact 83:7	82:17,18 83:9	69:17,18
complicated 75:20	52:17 57:25	94:8 96:11	83:10,18,19	create 19:22
	79:11,22	contemplate	84:25 87:5,6,9	44:4 62:13
components	conflict 59:8,9	126:21	87:10,15,16,20	90:11
42:11,11	99:15 121:22	context 34:15	89:18,23,24	creating 59:13
composite 16:8		52:24	90:13,20,21	74:22
compound	conform 15:7 28:19	continue 6:15	94:22 95:19,20	credit 40:24
13:22 15:6,9		12:5 55:7	96:2,3,5 97:5	108:12
15:17,21 16:21	conformance 28:4		98:13,20 99:3	criteria 28:13,14
16:25 17:5		109:12,16	99:4,11 100:5	
21:18 22:3,5	confuse 29:4	113:19 114:1,2	101:5,7,25	28:17,19 72:10 72:11
86:4,6 90:4,11	confused 78:4	127:7,22	1	cross 130:8
91:13 95:19	conical 19:23	continuing 127:17	102:22,23	
100:8,20,21	conical-shaped		103:5,6,9,10 103:11 106:19	cross-exam
103:13 107:8,9	23:17	contract 107:21		
109:21 111:25	Conine 2:9,10	contrary 116:17	106:20 111:3,9	cross-examina
compound's	conjunction 9:4	control 110:7	112:24 118:4	80:17 127:22
89:3	9:21	controlled 27:8	118:18	cross-examini
compromise	connection	controls 102:15	correctly 5:14	127:15
47:20	80:19 83:9,12	cooled 30:21,22	64:9	crowded 36:21
computers 40:1	87:17 88:22	31:2 32:11,14	correspond 72:3	CSR 132:15
concede 102:19	89:22 101:12	32:16,16	cost 60:2 115:4	curious 112:12
conceptually	102:18,22,25	cooperative	122:1,3,12	112:15
20:7	103:4,22 104:1	126:1,22	128:3	current 60:23
concerning	107:20 110:1	coordination	Cotton 2:10	70:6 93:17
29:24	consent 128:18	116:21	counsel 11:1	96:25 97:9
concerns 85:17	128:23 129:8	copied 10:15	132:10,12	102:14,25
concisely 7:24	130:3,7,17	corner 12:14	couple 7:12	currently 14:23
22:23	consenting	17:20 18:5	27:23 34:1	21:7 54:11
conclude 34:1	129:23 130:4	24:5 25:15	45:5 89:14	102:7,10
41:3	consents 130:3	104:25 105:3	course 40:16	107:10 108:7,9
concludes	130:10	correct 4:11	73:14 109:18	112:16
131:10	conservation	7:22,23 9:3,15	122:11 126:10	curtail 115:23
conclusion	61:19 110:2,8	9:23 10:3 11:3	court 54:16	customized
95:11	121:25	11:4 12:16	57:18 129:17	74:15
concrete 17:15	consider 34:5	13:1,2,11,12	130:2,4	cut 85:20
17:22	consideration	13:18,19 14:3	courteous	
condition 84:3	115:24 123:13	15:22,23 16:7	122:19	<u>D</u>
93:17 94:6,9	124:15	16:11 18:1	courts 56:15	D 1:18 3:1
98:15 108:6	considered	20:10,11,20,23	57:19,22,24	d/b/a 1:5
conditional	41:19 79:22	20:24 22:7,8	cover 48:16	daily 92:7,20
21:23	consisted 26:6	26:12,13 27:17	77:24	94:25 95:3
conditions 9:6	consistent 26:11	27:18,22 29:14	coverage 13:8	damn 59:11
30:11 71:11	constitutes 85:2	29:15 32:1,2	38:25 39:1,6	DAN 1:14
102:25,25	88:10	32:20,21,25	39:13 42:20	dashed 15:11,13
conducted 10:2	construct 18:14	33:1,7,8,10,13	67:15 101:9,11	data 31:7 40:3
conduit 52:23	constructed	33:14,17,23,24	101:21,25	40:10
52:25	42:24 93:2	34:9,10 41:20	102:6 123:12	date 9:18 11:11
configuration	construction	43:21,22 44:8	covered 89:22	16:2 81:19
36:16	70:8,14 98:19	45:3 66:16	cowling 43:8	113:20 128:19
T (5) N (4) A				
				• Klippie Skirp Gerikinski Zemanie per 1945 i post anna 3 ar Ade.

132:8	61:12	29:24 41:11,13	56:7	dividing 12:7
dated 80:24	depends 42:5	84:6	dime 58:25 59:2	doing 5:1 20:8
132:17	depict 102:3	determine 58:5	dimension 36:7	56:19
dates 128:17	depicted 108:3	94:5 95:14,25	dimensions	dollars 40:23
David 2:8	deploy 36:11,12	97:19 98:19	24:14 35:3	door 111:18
day 30:6,16	45:2	102:13 106:1,5	41:12 76:18	doors 18:6
100:8,16	deployment	109:4	diminished 50:2	111:17
days 33:6 39:10	84:15	determined 34:7	diminishing	dot 104:25 130:8
129:6,6	describe 13:25	57:2 68:25	71:8	dots 104:20,20
daytime 31:16	described 22:21	76:9,10,25	direct 27:3,4	double 100:24
dead 109:23	24:13 77:2	detriment 36:17	83:12 86:10,13	downside 46:6
deal 33:25	84:11 89:21	62:13 63:12	91:20 128:2,2	<b>DP</b> 13:6
dealt 47:13	101:18	development	directed 27:2	<b>DPW</b> 9:8 11:7
debate 67:19	describing	87:14 92:25	direction 67:11	12:8,8,9,20,21
75:22,23	105:10	develops 124:1	directional 48:9	13:17 14:12
debris 14:24,25	description 3:10	device 35:14,19	disagreement	15:1 21:14,16
25:23	11:19 29:20	37:4 40:10	58:3 62:12,24	23:2 97:4,10
deceased 109:23	deserve 118:25	devices 36:13	126:17	99:17,25
December 80:21	design 19:1,8,25	devoted 12:18	disappears	106:17 112:4
80:22 81:5,6,8	23:8 24:16	12:20 13:15,17	37:13	<b>Dr</b> 37:14,16
81:11,14,20	26:4 28:13	diameter 19:14	discuss 4:21	38:12 39:8
decibel 31:13,15	29:17 34:5,13	19:17,17,19,21	29:18,21	40:14,15,21,25
decide 113:12	34:20,23 35:2	35:9,10 43:10	115:16 123:2	43:24 45:7,9
126:15	39:4,6 41:24	43:12 45:14	128:16	45:25 46:13
deciduous 23:12	42:6,6 45:2	46:20 53:10	discussed 34:17	47:7,9,13 48:8
decision 119:19	47:17 49:2,14	76:18 77:5	41:7 109:17	48:18,22 49:11
126:22	49:19,24 50:12	105:22 106:1	discusses 121:15	49:22 50:20
dedicated 18:20	60:12 62:22	108:23	discussing	51:2,7,14,21
25:3 42:13	64:15,25 66:7	dictate 76:12	128:17	52:7,10,15,18
53:7	66:9,22 77:10	diesel 18:1	discussion 41:10	54:20 55:3
dedicating 53:8	77:14 90:11	difference 50:7	55:11 67:9	58:3 59:7 60:4
deep 37:6	112:18	50:15 65:20	75:12 78:22	60:13 61:6
defer 22:9	designated	66:17	120:9 127:2	62:25 64:4,8
definitely 72:2	20:22	differences 35:2	displace 71:10	64:13 65:16
105:10 122:17	designed 20:6	different 39:9	dissipating 71:7	66:4 67:9 68:1
degree 8:14 26:9	22:5 28:4,16	44:23,24,25	distance 31:11	68:14 70:3
43:2	28:19 29:12	45:10 48:19	38:6 39:24	71:2,5,16
degrees 48:16	38:22 42:24	49:2 58:20	73:15 74:3,3	72:14,18 73:1
delineated 105:8	59:17 60:17	59:6 63:6	79:12 91:2	73:4,11 74:21
delve 84:6,7	76:23 84:18	71:20 75:2	distinct 18:1	74:24 75:6
demand 49:16	designer 23:8	77:9,14 98:22	distinction	115:9 117:19
demonstrate	designing 49:20	124:25 130:7	43:18 104:21	117:21 118:5,8
56:4	designs 42:17	difficult 44:4	104:22	118:12,16,18
department	51:19	53:17,22 55:18	Distributing	121:22 122:9
34:24 41:18	detail 22:13	55:21 56:3,8	84:15	122:14
61:16 62:9	24:18 29:11	88:7	district 90:20,23	draft 81:17
79:15 88:23	34:12 84:8	difficulties	91:2,14,17	drawing 78:2
96:12,17 97:10	details 15:25	43:25	diversity 39:16	draws 30:24
depending 43:9	21:19 22:3	difficulty 44:7	39:23 40:8	dress 21:6

drew 77:15 drive 11:24 79:23 100:7 115:9 driveway 86:5 95:18 103:12 driveways 103:23 driving 12:5 drop 57:7 62:19 97:25 100:15	efficiency 115:4 efficient 17:1 53:9 117:9,23 123:6 125:23 efficiently 116:20 121:18 effort 57:12 108:17 eight 79:4 eighths 45:6	19:11 20:23 25:5 34:3 44:22 47:20 48:1 63:7,10 78:13 79:25 89:3,9 elevations 89:12 89:25 elicited 34:22	91:22 entered 18:25 enters 18:18 entire 14:11 43:14 entitled 49:13 entrance 11:22	evergreen 19:25 21:11 23:12 24:10 everybody 71:19 75:18 everyone's 11:16
drive 11:24 79:23 100:7 115:9 driveway 86:5 95:18 103:12 driveways 103:23 driving 12:5 drop 57:7 62:19	efficient 17:1 53:9 117:9,23 123:6 125:23 efficiently 116:20 121:18 effort 57:12 108:17 eight 79:4	25:5 34:3 44:22 47:20 48:1 63:7,10 78:13 79:25 89:3,9 elevations 89:12 89:25	entered 18:25 enters 18:18 entire 14:11 43:14 entitled 49:13 entrance 11:22	21:11 23:12 24:10 everybody 71:19 75:18 everyone's
79:23 100:7 115:9 <b>driveway</b> 86:5 95:18 103:12 <b>driveways</b> 103:23 <b>driving</b> 12:5 <b>drop</b> 57:7 62:19	53:9 117:9,23 123:6 125:23 efficiently 116:20 121:18 effort 57:12 108:17 eight 79:4	44:22 47:20 48:1 63:7,10 78:13 79:25 89:3,9 elevations 89:12 89:25	enters 18:18 entire 14:11 43:14 entitled 49:13 entrance 11:22	everybody 71:19 75:18 everyone's
115:9 driveway 86:5 95:18 103:12 driveways 103:23 driving 12:5 drop 57:7 62:19	123:6 125:23 efficiently 116:20 121:18 effort 57:12 108:17 eight 79:4	48:1 63:7,10 78:13 79:25 89:3,9 elevations 89:12 89:25	entire 14:11 43:14 entitled 49:13 entrance 11:22	75:18 everyone's
95:18 103:12 driveways 103:23 driving 12:5 drop 57:7 62:19	efficiently 116:20 121:18 effort 57:12 108:17 eight 79:4	78:13 79:25 89:3,9 <b>elevations</b> 89:12 89:25	entitled 49:13 entrance 11:22	75:18 everyone's
95:18 103:12 driveways 103:23 driving 12:5 drop 57:7 62:19	116:20 121:18 effort 57:12 108:17 eight 79:4	89:3,9 elevations 89:12 89:25	entrance 11:22	
driveways 103:23 driving 12:5 drop 57:7 62:19	effort 57:12 108:17 eight 79:4	<b>elevations</b> 89:12 89:25	entrance 11:22	
103:23 driving 12:5 drop 57:7 62:19	108:17 eight 79:4	89:25		11.10
<b>driving</b> 12:5 <b>drop</b> 57:7 62:19	eight 79:4	elicited 34·22	23:23	exacerbating
drop 57:7 62:19	Ü		environmental	84:2
		ELIZABETH	28:17 93:17	exact 13:25 56:1
	Eisenstein 37:14	1:15	94:6,9	exactly 63:15
drop-off 12:9	37:16 38:12	emailed 10:14	equal 49:14	examination
14:13,22	39:8 40:14,15	emergency	equipment	7:10 83:13
dropping 66:11	40:21,25 43:24	17:21 20:19	12:11 14:25	86:10,14 91:21
99:17	45:7,9,25	33:18 49:4	15:10,18 16:23	example 51:18
dry 102:9	46:13 47:7,9	95:8,14 96:22	17:12,12 21:19	104:24 115:14
duly 7:8	47:13 48:8,18	100:20	24:17,24,25	120:23
dying 109:23	48:22 49:11,22	employed 7:17	25:13,20,22,22	exceed 103:23
uying 107.25	50:20 51:2,7	employee 86:20	26:3 36:2	Excuse 11:9
$\mathbf{E}$	51:14,21 52:7	100:7,19	38:21 39:21	executed 85:22
E 2:1,1 3:1,9 7:8	52:10,15,18	132:10,12	45:4 67:1,2	exercise 30:4
132:1,1	54:20 55:3	employee's	77:22 78:9	exercised 29:23
<b>E2</b> 7:18,20 80:23	58:4 59:7 60:4	99:14	86:4 90:4 91:4	30:4,14,17,17
81:23	60:13 61:6	employees 92:19	96:13 111:16	31:25
earlier 26:1 87:2	63:1 64:4,8,13	99:18,25 101:4	111:17,24	exhibits 3:12
101:18 112:6	65:16 66:4	enables 39:17	112:2,3,10	81:12,17,18
118:9	67:9 68:1,14	enclosed 31:4,5	escrow 121:23	85:6
early 5:5	70:3 71:2,5,16	enclosure 31:6	ESQ 2:4	exist 9:6 119:14
easement 110:2	72:14,18 73:1	Engel 2:9	ESQUIRE 2:2,5	existence 19:9
110:8	73:4,11 74:21	engine 30:23	2:7	existing 11:20
easier 6:14	74:24 75:6	31:5	essentially 35:6	18:13 20:14
71:13	115:9 117:20	engineer 4:5,10	47:10,14,25	44:6 53:11
easiest 54:18	117:21 118:5,8	4:12,16 5:8	67:9,10 74:22	56:17 57:20
easily 54:5	117.21 116.5,6	7:15 9:19 23:3	129:7	59:16 71:24,25
easy 53:20 55:17	121:22 122:9	31:7 32:10	establish 88:7	95:25 96:1,5,6
edge 72:22	121:22 122.9	44:2 83:4	estate 47:2	109:20 110:2
73:12	either 6:6 14:4	93:12 114:4	estimate 103:17	110:14
edification	23:3 28:25	122:8	103:18	exists 79:3
13:24 22:10	54		et 79:25 121:17	
education 7:25	30:5 57:5,5 59:3 62:22	<b>engineering</b> 8:1 8:16 40:14	Eunice 2:9	expect 123:17
43:6	63:20	72:13 84:20	evaluation 95:13	<b>expense</b> 57:12 62:17 121:14
EDWARD 2:2			EVD 3:10	
EEI 51:18	electromagnetic 73:23	88:20 90:11		expenses 121:17 experience 8:1,2
effect 40:6		enlarged 104:13 104:15	evening 4:3,15	
effective 59:13	electronic 10:9 36:13 37:4	ACACOC MAIN BACONS	5:9 9:5,11 80:18 83:13	8:15 48:25 57:1 86:24
effects 72:22		enlargement 15:4 24:24	The second control of	. — * 1.00 N. 10 N. 10 N. 10 N.
73:12	element 25:8	NOTION OF THE PERSON OF THE PE	88:2 94:12	125:11
effectuating	Elementary	enormous 45:15	109:8 118:7	expert 8:18
44:1	88:25	ensures 30:14	event 27:5 30:7	89:18 122:15
77.1	elevation 18:23	enter 11:24	events 118:3	explain 59:8

exposed 36:23	36:21 43:24	64:5,5,6,11,12	fill-in 65:21	42:3,17 43:18
extend 44:13	54:16 75:14	64:15,23 65:8	final 10:14,16	43:20 44:1,6
60:9 61:2	116:23 120:6,7	66:5,18,19,25	84:24	49:1,24 50:12
63:20 65:7	127:1	67:6,6,20,20	financially	52:8 56:19
68:9 69:3	fairly 37:20 72:5	68:10 70:1	132:13	61:16 62:9,23
70:22 71:9	fairness 114:5	71:9 72:3,6,8	find 125:23	64:17,18,25
128:19 129:10	127:25	72:15,17,17,18	fine 61:19 78:13	67:11
130:1	Fall 23:21,23	72:19,21 73:1	124:17 125:21	flagpoles 41:19
extendable 57:5	falling 25:23	73:3,8,9,9	finish 109:13,14	FLANAGAN
57:13	familiar 9:5,12	74:12,12,12,18	117:5 120:16	1:12 4:1,4,17
extended 62:10	11:7,16 33:5	76:19 77:7,12	123:23 124:9	4:21,25 5:13
65:3 130:17	43:17,19 49:3	77:23,25 78:1	finishing 122:8	5:16 6:1,18 8:4
extendible 42:23	61:16 83:25	78:21 79:16	fire 34:24 41:18	8:12,17 10:7
55:1 58:23,24	84:8 87:19	85:11,21 86:1	61:15 62:8	14:16 17:7
60:1,6,12,22	108:21	86:19 91:4,6	79:14 88:23	24:1,11 28:21
62:16 66:1	famous 5:4	91:10,11 101:8	96:11,13,14,16	29:5 37:14
67:16,24 68:19	fan 30:24	101:13,14	96:20	40:13 44:23
69:12,24	far 10:22 61:3	103:19,20,23	firm 7:18,21 9:1	47:6,8 48:2,17
extending 60:1	70:23 73:13	106:24 107:4	42:23 81:23	48:20 49:6,18
extends 19:22	74:2 78:1,18	fence 21:6 23:10	109:22 110:13	50:16,25 51:6
extension 44:1	91:13,16	25:6 77:23	first 5:20 6:25	51:12 52:4,9
extension's	111:15	78:19,20,21	14:10 17:3	52:12,17 53:16
69:10	fashion 114:1	79:5 86:3	29:19 34:18	54:1,7 55:2,10
extensions 70:12	faster 6:14 40:6	100:22 108:14	45:9 46:2 50:1	56:1,10 57:17
extent 9:13	fat 69:22	108:19	50:21 52:11	58:8,11,14
12:17 21:10	fatter 38:14	fence-like 16:9	55:7 61:24	59:3 60:15
22:1 95:5	favor 130:21	fenced 12:13	66:21 67:17	61:20 63:5,23
109:4,23	FCC 128:15,21	100:18	80:19 81:17	64:6,10 65:5
111:11 124:10	128:22 129:5,7	fenced-in 107:10	107:23 118:24	65:25 66:14
exterior 43:20	130:6,18	fencing 16:3	125:19 126:7	67:4,13 68:9
extra 50:13	feasibility 60:2	fiberglass 20:2	fit 48:3 51:5	68:23 69:2,6
55:15 64:23	Federal 59:14	42:4,7,9,10,14	five 23:10 42:15	69:14,22 70:21
71:4,6 126:12	75:24 76:11	43:9,14 48:4	48:20 49:7,19	70:25 71:19
extremely 44:3	83:13,21 84:8	49:19 50:17,21	50:19 52:12,15	72:7,12,16,24
	90:23 129:2,2	50:23 52:1	60:19 61:24	73:2,7 74:19
F	129:17	56:24 63:11	80:8,9 82:3,8	74:23 75:4,14
F 2:7 132:1	feel 116:13	67:5 69:7,11	82:10,13,15	75:17 76:1,7
FAA 27:17	feet 19:15,20	69:15,16,17,25	109:12,16	76:12 77:17
facilitate 53:2	22:4,5,12	70:4 76:20,24	121:8	80:2,12 85:12
facilitates 43:1	31:11,14,18,19	77:16	five-eighths 45:5	109:6,15
facilities 26:1	36:4,8 37:13	field 8:1,2 74:1,8	flag 75:13,13,16	112:25 113:5
facility 13:15	37:13,13,19	fieldwork	75:20,23,25	113:18,24
16:15 62:11	42:5,15 43:10	105:25 106:4	76:2,5,6,13	114:13,19
70:13 103:7	43:11 46:14,15	fifth 60:18,20	flagless 41:9	115:13 116:18
fact 56:5 66:9	48:4 49:9,10	fighting 96:13	flagless-type	116:23 117:15
80:22 108:18	49:25 50:13,18	96:15,20	42:3	117:24 118:2
121:16	50:18,23 51:2	figure 10:12	flagpole 34:22	118:10,13,22
factor 74:17	51:3,5,5 52:14	114:10	41:8,9,9,11,15	119:20 120:7
fair 12:22,23	55:5 63:10	fill 65:22	41:22,24 42:2	120:21 121:5
		r	***	
		Control of the second		

121:12,24	83:11 132:8	future 15:12	given 117:13	80:14,16 82:1
122:13,20	forward 34:18	17:14 19:3	gives 40:2,6	83:2 89:4
123:9 124:16	115:3 116:20	25:4 67:25	giving 40:8	99:14,15 100:3
125:1,5,17	117:10 119:21	FYI 51:10	54:16 126:21	100:4,20
126:2,6,14	found 125:15	11131.10	glasses 108:13	106:12,17
127:1,20 128:4	foundation 60:6	G	go 4:14 6:22	108:17 110:3
128:8,11	60:21 65:2	G 2:10 28:5	10:12,23 20:4	110:17,18
129:19 130:9	68:1,8 77:5	galvanized	20:25 34:14	111:10,14
130:20 131:7	four 18:16 20:10	35:20	38:18 46:24	112:6,9 113:10
flange 69:13,19	33:21 47:11	game 123:16,23	48:25 49:2,23	114:8 115:3
flatten 78:25	49:12 51:11	garage 12:10	50:12 51:18,19	116:20 117:10
flexibility 47:24	58:7 60:17,21	Gary 119:16,23	51:25 52:2	117:11 119:5
	61:10,12 62:1	gas 18:1 93:5	53:13,14,18	123:3,19
flexible 25:16	62:14 65:9	gate 16:14	55:4,14 59:4	125:14,24
27:4 30:6		100:25 101:1	59:18 60:21	
flood 111:7	104:12 119:16	gates 16:19	61:2,4 63:3,7	126:11,23,23 127:13 130:12
floor 80:15	Fox 1:18 26:20	gee 54:9	64:6,13 66:5,8	
flow 73:21 102:9	32:10,13 33:1	general 11:19		good 4:3 15:2
flower 23:25	71:21 125:7,16	41:14 126:20	66:10,13 67:2	30:16,16,17
flowering 21:11	127:8	generally 9:5,12	67:11,15,17	78:24 80:18
21:12 23:20	frame 115:18,19	13:10 14:6	76:13 114:3	114:21 122:15
flowers 23:15,17	frankly 26:1	26:5 42:14	118:24 119:21	grade 17:15,22
23:21	57:6 115:4	48:24 92:11	123:17,19	43:7
flowing 113:25	117:19	122:1	125:19 127:21	graduated 8:14
flows 73:21	Fraunhofer	generator 17:22	129:17 130:2,4	gravel 12:1
flush 79:4	73:15 74:2,10	18:2 29:20,21	130:12	99:21,21,24
focus 116:22	free 20:17	29:22,25 30:1	goal 121:12,18	101:20 102:3,8
focused 71:22	frequencies		God 7:6	Great 24:11
focusing 13:13	37:21	30:9 31:4,11 31:12,15,18,24	goes 5:4 30:2,3	greater 91:5
follow 35:24	frequency 45:2		38:5,6 52:21	green 14:20 20:1
follow-up 43:16	65:17 89:18	generator's 31:9	55:6,6 61:4	23:15,21 34:24
following 117:7	92:4,10 121:25	generators	66:2 69:23	41:18 62:8
117:14	frequent 92:6,14	30:12,14,16,17	73:20 78:2,19	79:14
follows 7:9	97:23,24	30:21	124:1	ground 20:23
foot 15:21 47:25	front 50:6 61:21	gentlemen 80:13	going 4:6,8 17:4	24:17 37:11
69:10,11 76:24	74:25 87:24	80:15 131:8	17:10,11 28:24	69:23 77:22
76:24 78:2,3	88:3,8,10,12	geometry 36:6	37:4,19 38:3	79:7,25
78:13 89:5	111:15 121:9	get-go 29:13	41:6 42:5	grow 24:9 107:4
footer 50:24	full 40:22 45:20	45:21	45:24 46:3,7	guarantee 121:8
footings 60:16	46:2,16 54:22	getting 21:20	47:4 48:12,22	guaranteed
footprint 26:2,5	65:6 115:7	37:23,25 39:23	49:23 52:7	40:20,22
26:10 39:12	fully 85:22	47:1 83:17	56:10,12,13,16	guess 4:8 6:6
foregoing 132:5	fun 40:14	116:6 117:18	59:16,18 61:9	49:6,7 68:11
forget 12:4 27:9	function 18:7,7	119:15 126:12	62:3,21,23	76:1 77:24,25
110:25 114:3	37:10,12 44:2	give 47:15 50:12	63:24 64:6,16	91:3,5,21
forgetting	76:4 79:24	56:21 59:6,11	64:24 65:8,12	110:17 115:24
110:18	functions 37:7	67:15,19 73:17	65:12,14,18,19	116:12 117:6
form 15:7 35:5	further 59:18	79:3 85:9	66:4,9,21 68:5	117:25 118:7
formal 21:20	74:1 75:11	109:9,12 119:3	68:12 70:8	119:3,18 121:1
forth 72:11	131:6 132:9	126:19	71:9 75:8	guidance 22:2
	-			

guy 47:19 53:18	118:7 131:9	historical 12:19	hypothetical	46:20 76:22,22
53:21 56:12	hearings 5:24	93:25	63:17 67:21	include 39:10
57:15,21 58:15	34:8	historically 26:3	100:14	101:14 102:2
58:18,20 59:4	heavier 77:4	93:21,22	hypothetically	included 39:3
59:6 63:19	heavy 45:14	history 92:25	48:12 100:13	including 8:2
64:1 65:9,13	hedge 23:24	98:9,19	100:21	39:1,2 93:1
66:2 67:14	height 13:8	hold 126:5,6	100.21	99:25 127:7
guy's 59:2	19:12 22:10,12	Hollies 23:11,13	I	128:2
guys 123:1	23:12 24:9	home 45:12	idea 15:2 39:23	inclusive 15:17
gujo 125.1	27:20 42:12,25	honest 50:3	45:25 58:16	28:3
Н	43:10 45:20,22	57:10 116:7	66:16 92:13	incorrect 101:9
H 3:9	46:2,9,11,16	honestly 100:12	130:14	increase 65:22
habited 33:6	46:20,24,25	130:15	identification	83:16,23
half 67:2 102:6	47:3,21 48:13	hook 44:16	26:16	increased 84:10
117:7,21	48:14,15 49:25	hopefully 7:24	identified 87:12	increasing 62:15
handle 40:10	54:22,25 57:2	8:23 13:20	87:17,24 89:13	63:14
59:17 60:7,17	58:5 60:5	33:19	91:19 93:9	indicated 4:13
happen 45:24	62:15 63:2,14	horribly 74:9	97:20	5:7 9:25 24:20
happens 61:13	64:22,22 65:1	hose 73:17,18,20	identify 11:10	30:19 124:23
67:22	65:8 66:13	hour 100:8	85:4 86:1	indicates 104:13
happy 118:14	68:22 70:1	115:8,9 117:7	88:10,12 90:19	individual 10:1
120:1 126:7	76:5 78:14	117:21 126:7,9	93:5	industry 19:5
Harding 1:1 9:7	79:12,23,24	126:9	illustrated 12:1	28:13 72:8
9:8,13 11:7	83:16,16,23	hour's 126:10	15:5 19:3,6	78:10
20:17 21:21,22	84:9,10 87:8	hours 4:18 33:6	illustrates 14:11	information
84:14 87:15	96:14,21	98:2	illustrating	92:3,17
88:25 97:16,19	105:23 106:1,7	house 12:3	15:11,14	inherent 43:25
97:24 99:2	106:22 107:2	61:15 91:22,24	imagine 56:15	initial 42:25
102:15	108:23	91:25 92:1,4,7	57:23,25 58:24	120:9 125:7
hardware 35:22	heights 20:15	housekeeping	119:6	120.9 123.7
44:6	47:11 48:19	5:10 109:7	impact 9:13	initially 13:22
Harsh 2:8	110:14	113:7 128:10	46:7 70:9	14:7 55:23
hassle 62:17	help 7:6 90:18	128:11	102:11	81:16
head 12:4 25:17	helpful 75:13	housing 17:18	impacts 43:18	inquire 94:21
headknocker	122:24 123:18	huge 79:9	impervious 13:8	inquiries 102:24
78:11	helps 118:14,22	HUGH 1:16	101:9,11,21,24	inquiry 41:8
heads 27:3	123:5	hundred 27:12	102:6	124:11
hear 4:9 6:5	hereinbefore	30:7 31:10	important 46:17	inside 43:8
28:23,24 53:17	132:8	37:13 47:25	importantly	46:19 49:2
57:18 115:17	HEROLD 2:7	65:10 66:3,5	100:16	51:5,7,22,24
115:18 119:7	hey 65:9 67:14	103:20 110:9	imposed 72:11	52:2 53:3
119:11,23	76:14	hundred-foot	imposing 79:19	inspection
121:5 129:25	higher 48:14	42:9	impound 12:14	119:17
heard 45:14	56:18	hundreds 50:7	107:10	install 36:14
50:21 52:11	highest 78:20	hung 78:10	improvement	installation 53:2
67:10 115:19	historic 13:18	Hydrangea	79:9	installed 17:13
119:9 120:4	90:20,23 91:2	23:14	inch 45:13,13	43:1,7
hearing 43:25	91:14,17 93:17	Hydrangeas	inches 19:20	installing 35:18
62:25 116:14	94:2,5,9	23:14	35:11 43:12,14	insufficient
	, <del>.</del> ,.,,	23.11	, , , ,	mounicient

				•
67:15	44:4 71:17	38:18 40:5,15	labeled 21:2	leeway 47:16
intended 89:21	75:16 109:8,17	40:21 45:10,11	ladies 80:12,15	left 4:5 53:13
89:22 106:8	item 91:1	50:4 52:23	131:7	80:13 104:13
intensive 12:19	items 112:8	57:24 60:19	laid 15:7 16:21	104:15 120:14
intensive 12:15	113:7	62:2 64:7 68:4	48:9	legal 53:17 54:3
intent 103.23	115.7	68:21 69:1	laminar 73:21	60:24 70:10
17:25	J	70:18,23 77:22	land 78:22 83:17	legalities 21:20
interest 34:22	$\overline{\mathbf{J}7:8}$	78:3,23 79:7	83:22 87:3,14	length 71:7
interested 57:18	James 2:10 3:4	79:18 81:19,25	128:21	72:19 103:12
132:13	6:16 7:3 71:24	85:3,15,18	landline 18:7,8	lessee 85:17
interface 17:18	72:1	86:7,11,12,16	18:11	let's 8:25 10:11
18:6,8,10	January 10:2	86:22 87:1	landscape 21:10	24:13 29:17
25:10	14:2	89:11,12 90:14	23:7,8	30:18 33:25
interference	Jersey 1:9 7:16	90:23 91:15,16	landscaping	43:17 48:5
39:17,19,19,20	28:15 30:13,15	91:25 92:6	14:20,21 21:2	54:23 55:24
39:25	31:16 59:22	94:12,24 95:1	21:6 22:16,17	58:17 63:1
interferes 74:9	82:10,17 132:4	95:5,22 96:24	22:18,24 23:5	64:13 66:14,14
interior 43:20	Jim 5:8 11:1,6	97:17 98:2,6,8	107:7,13,15	67:5 69:10,12
44:6	11:16 12:16	98:11,22,25	large 12:10,17	81:4 95:1
interpret 22:17	21:17 25:25	99:8,9,12,13	21:8 37:20	100:10,13
interpret 22:17	29:10 33:3	99:23 100:2,6	43:2	123:22,25
109:7	68:17 101:10	102:20 103:14	larger 26:2	level 19:2 20:23
interrupting	111:11	103:15 104:5	32:15	24:18 31:13,15
13:20 14:4	joined 5:16,17	105:22 106:7	late 57:11	31:17 34:12
intersection	July 80:24	106:10,19	129:20	37:11 43:8
11:23	128:19 129:11	107:1,3,6	Laughter 29:3	66:23 67:5
inventory 109:1	130:18	108:9,11	40:14 41:1	69:23 84:9
investigation	jump 66:21 82:1	109:10 111:1	51:7	89:6 125:12
88:20 93:13,16	jumping 64:5,10	111:12,22	law 2:7 59:14,22	levels 64:17,18
95:23 102:13	jumps 12:16	112:9,22,22	68:5 83:21	66:10 70:9
109:22	June 120:18	113:14 115:5	128:21	licensed 7:15
invokes 75:16		115:16,25	layer 17:6	93:12
involved 41:14	K	116:5,6,9,25	layout 11:20	light 26:25
42:17 82:21	K 7:8	117:8,18,20,22	77:23	27:11,12 74:25
involvement	keep 108:13	118:23 119:5,8	leads 86:6	74:25 75:2
81:21,24	113:25	119:16,22	leaf 23:15	111:6,7,18,21
IRIS 132:3,15	keeps 25:20,20	120:22 121:23	leasable 86:19	111:21
Ironia 61:15	kind 11:18 12:6	122:7 123:15	lease 81:12,13	lighting 26:22
irregularly 88:4	14:19 26:22	125:13 126:24	81:16,17 85:6	27:1,2,13,16
irrelevant	57:15 94:24	127:19 128:17	85:22	27:19 75:24
124:15	102:9	knowing 114:19	leased 85:2,5,16	110:16
irrigation	kinds 119:18	knowledge	85:19 86:2	limit 61:8 128:3
107:16	King 34:24	90:15	leasing 86:5,8,12	limitation 50:21
issue 27:6 56:23	88:24	knows 45:23	leave 20:3 68:4	limitations 43:4
57:16,16,23	Kings 41:19	Koeneke 2:8	71:3 109:9	limited 1:5 62:4
124:6 128:10	knew 117:17		leaves 23:20,21	limits 42:15
128:12,24	knock 49:9	L	23:22	line 12:7 21:6,7
issued 9:17	know 4:19 5:5	L-1 21:2	leaving 42:18	23:10 31:17,19
issues 8:20,21,22	6:4 12:3 14:5	LA 132:3,15	LED 27:3,11	31:20,24 32:12
	14:16 26:23	1		
			Assessed A NAME OF THE PARTY OF	

				raye 144
53:12 98:25	longer 71:6		59:15 115:2	71:14 75:8,19
108:15 126:17	126:2	M 1 10 2 10 7 8	117:3 120:12	76:17 77:1,9
linear 78:6,16	longest 118:25	M 1:19 2:10 7:8	matters 5:11	77:11,13,15,19
103:23 113:25	look 17:5 77:22	7:8	max 65:8,8	78:15 79:6,11
lines 35:4,10	115:20 123:4	M-u-r-a-w-s-k-i	maximum 13:8	86:20 88:18
liquid 31:1	looked 56:15	7:4	22:3,10,11	100:14,22
listen 6:9 120:1	75:2	main 123:19	42:24 68:22	122:22 123:5
129:24	looking 12:15	maintain 107:22	106:22 107:1	123:11,25
lit 75:25	47:9 67:10	maintained 21:9	McKINLEY	125:3,10
little 4:14 8:5	85:13 91:6	108:10	1:19	129:12 130:19
22:13 29:11	123:3	maintenance	McKittrick 2:9	members 1:11
36:19,20 37:24	looks 5:12 10:19	12:11 18:19	mean 30:4 38:10	3:17 5:22 6:19
38:13 43:13	73:21 75:2	27:7 30:18	50:4,8 51:12	50:4 80:4
46:21,22 53:13	104:25 105:1	33:20,21	75	92:14 98:5
53:14 59:8	105:21 108:1,2	107:19	65:13,23 70:12 71:10 79:17	99:17 116:8
65:21 74:17	Lori 1:18 6:10	major 84:24	250 COLOR DESIGNATION OF SERVICE CO.	560 NO 100-201 NO 100 L0000 L0000
77:4,5,6 78:6		making 35:21	89:5 93:23	Mendham 41:19
82:2 109:9	6:11 10:7,9,14 17:7 114:15	53:7 62:21	114:13 115:13 127:24	41:21 43:12
live 61:15	120:25 127:2	man-made	Annual An	47:14 51:10
living 123:16	Lori's 10:8	39:20	means 40:4	79:15
Livio 2:9		management	46:22 47:3	mention 12:24
LLC 2:8 81:24	lose 4:14 70:14 loss 36:15 37:10	7:19,20 80:24	60:6 71:6	mentioned
		81:24 102:7,10	meant 14:14	15:16 88:21
loading 28:17,18 28:19	37:12,21	102:14,21	54:24	mentioning 6:2
	losses 39:13 lost 38:2	103:1,3,7	measure 106:9	merger 61:13
locate 17:1 54:17	1 0 2 0 F 10 1 W WIND	mandate 83:14	measures 31:12	62:2
located 12:25	lot 1:6 8:22 11:20 38:2	maneuver 54:15	mechanical	merry 63:4
13:16,23 15:10	44:4 61:14	Manhattan 8:14	31:22	MERTZ 1:19
		82:8	meet 28:14	met 55:23
15:20 16:18,24 34:23 35:19	78:22 85:16,17	manner 35:2	meeting 6:11	metal 25:7,14
86:2 89:4	85:19 87:9,25 88:4 90:6	manual 27:9	117:7,8 122:17	MetroPCS
91:20 111:10	000 W0000 W1 000 100 100 100 100 100 100	110:20	126:8	82:22,23
111:14	96:25 97:3,5,7	manufacturer	meetings 116:6	Michael 1:12
location 13:24	97:10,21 98:15	31:8,8,10	member 5:12,15	2:8
13:25 14:7	107:11 113:23 114:23 115:2	map 39:1,6	5:18,25 24:5	microphone
15:8 22:20	115:21 116:2	97:18 123:19	29:2 30:20	28:22 29:5
		maps 38:25	31:1,3 32:3,9	61:22
27:21 79:25	117:3,4 120:15 124:3 125:10	123:12	32:19,23 36:25	microphones
90:4,7,8,12		March 11:13	37:8 38:10,24	61:21
locations 19:3	130:6	mark 11:3	39:5 40:12,19	mid-section
lock 100:25	lots 97:7	marked 3:12	41:16,21,25	66:15
locked 100:18	low 23:24 27:11	MASELLI 1:14	44:9,12,16,19	middle 17:2
100:21,24	30:8 35:13,16	24:5 29:2 77:9	45:7,19 46:6	69:24 110:21
logic 58:15,20	65:13,14,15	77:13	46:11 51:4	127:15
63:18,24	66:8	master 97:18	52:20 56:22	Mill 1:9
logistical 44:4	lower 48:1,15	Master's 8:14	59:25 60:10	Millbrook 1:6
long 25:15 73:3	66:15 79:4,9	material 51:23	63:16 65:11	11:22,23,24
101:19 110:24	lowered 78:12	mating 69:19	66:20 67:23	97:3
110:25 114:20	luck 54:1	matter 1:3 20:5	68:2,12,15	mind 10:4 29:19
130:13	luckily 77:20	50:5 56:5	70:5,17 71:3	52:23 127:14

minimum 58:5	4:14 5:17 8:9	117:5,21	needles 20:1	27:6 100:16
67:1 72:25	109:16 113:9	120:14,16,17	needs 31:18	110:22 114:21
73:8	113:10,14	123:24 124:7,9	50:18 55:1	115:7
minor 26:14	114:14,15	124:19 126:23	100:20 105:18	nights 116:10
minute 29:11	115:6,7 116:5	127:7	105:19 115:19	117:11
80:8 81:2 85:9	116:10 117:2	museum 12:3	124:8	Nina 2:8
minutes 30:6	117:14,16,21	91:22,24,25	neglected 27:14	nine 74:12 78:13
80:9 109:13,16	119:5,7,10	92:1,4,7	neighbor 111:20	78:14 104:12
115:12,15	120:11,24	mutual 129:8	neighborhood	Nine-foot 25:16
117:8 126:4,23	121:1,7,8	130:7,10,16	19:12 46:7	NJDEP 31:23
126:24	122:6 125:19	130.7,10,10	79:8	32:1
mirror 74:25	126:18,19	N	neither 132:9,11	noise 31:17,23
75:1	120:18,19	N 2:1 3:1	never 45:14,23	32:1,21 38:8
miscellaneous	months 118:19	name 7:2,18	50:24 68:16	39:20
	121:2	114:3	nevertheless	noisier 32:19
14:24,25	moot 65:4	narrower 25:19	22:22	nominally 19:15
111:24 112:1,1	CONTRACTOR OF CALCULA	national 91:2,14		36:8 42:12
112:3,7,10	motion 129:9 130:14,14,16	natural 18:1	new 1:5,9,9 4:2	
missing 24:3	, ,	naturally 28:18	5:12,22 7:16	non-technical
mistaking	130:19	44:15	26:4 28:15	78:18
129:23	mount 10:6	nature 25:19	30:13,15 31:16	non-usable
misunderstood	34:20 36:1,6,9	near 11:22	57:22 59:22	73:25
50:16	36:20 40:7	61:14 74:1,8	62:19 70:21,25	normally 18:16
mitigate 102:11	mounted 10:6	79:7,8	71:2,13 74:22	19:4,11,25
mixture 21:7	14:5 35:13,14	nearby 18:22	75:1 82:9,17	30:3 35:22
MLUL 128:13	71:25,25		88:22,23 96:7	37:10 42:16,17
128:18 129:1	mounts 36:22	necessarily 62:5 122:16	99:2 101:8,14	127:24
130:5	move 103:18	a meganization in	101:21 106:21	north 71:23
mobile 37:24	113:6 120:16	necessary 22:19 65:3 84:11	114:18 118:19	northeast 17:4
39:18,18 40:10	126:11	300 N 50 N 10 N 10 N	132:4	17:20
model 31:14	moved 5:18,20	necks 12:6	NEWLIN 1:14	Notary 132:3
modified 52:1	moving 116:13	need 6:4 18:20	30:20 31:1	note 5:11,21
moment 29:17	multi-carrier	27:5 42:21	32:9,19,23	notes 77:12
moments 7:12	15:6 16:25	44:25 47:3	36:25 37:8	notice 73:19
Monday 30:5	municipal 1:8	48:10,15,17,18	38:10 40:19	130:24 131:6
monitor 119:19	15:9 20:14	54:5 58:9 60:5	41:16,21,25	noticing 90:18
monitored 33:9	48:23,25 49:1	63:18,18 64:11	44:9,12,16,19	noting 43:5
33:12	49:4 88:24	64:17 65:15	45:7,19 46:6	nozzle 73:19
monitoring 93:9	96:1 128:21	66:10 67:7	46:11 59:25	number 25:17
93:13 94:13	municipalities	68:14,19,21	60:10 63:16	28:3 29:13
monopole 34:18	129:3	69:1 72:24,25	79:11 122:22	30:12 32:10
34:19 35:6,9	Murawski 3:4	73:9,14 85:6	123:11,25	45:1,3 52:5,13
35:25 36:1	5:9,11 6:17 7:1	109:8 112:15	125:3,10	52:16 62:3,4
64:24 72:1	7:3,3,11 8:5	115:5 119:23	129:12 130:19	62:10 63:20
82:16 83:15,16	41:3 50:22	122:9 126:3	Newlin's 127:5	78:10 95:1,2
90:4 91:14,16	71:21 75:11	128:16 129:24	Nextel 61:25	99:10,16 114:9
96:14	80:18 85:25	130:3	nice 73:21 74:4	120:12
monopoles	96:11 113:14	needed 17:15	75:19	numbers 47:15
35:16 82:12	113:16,19	25:4 60:23	nicely 74:5	66:16
month 4:7,7,13	114:1,2,6	65:21 66:7	night 4:17 5:5	numerous 70:16
	'30 Z			

	109:2 110:10	21:25 22:4,6	maril: 18:22	26.5
0	112:25 114:21	22:14 78:20	park 18:22 86:15 99:14	36:5
o'clock 75:7	118:10 121:10			period 30:5
object 127:20	122:4 125:1	87:13,15,20	100:3	125:24 128:15
Objectors 2:8	128:8	91:3,4 95:24	park-like 97:4	129:4
obligated 28:14		99:2,5 102:16	97:12,14,20	permitted 55:23
107:21	on-site 19:13	102:20 103:21	parked 99:20	55:25 97:15
obligation 53:20	once 18:16 23:6	ordinances 9:12	parking 12:1	personal 18:17
53:23 55:16	30:4 33:21	organization	18:21 99:1,3,6	personally 81:22
59:11 115:16	44:2 126:10	123:6	99:11,15	82:21 84:22
119:11	one's 119:14	original 16:2	parks 18:17	personnel 18:15
obligations	120:23	21:4 34:4 47:8	part 16:4 21:4	perspective
116:8	ones 32:13,17	originally 16:3	32:18 41:10	25:25 54:3
observations	46:3 114:18	16:10 25:25	47:21 63:23	68:18 84:21
72:4	open 11:25 12:7	29:12	65:2 79:21	88:20 115:4,5
obviates 122:9	18:21 27:5,6	ought 46:17	112:5 129:1	124:14
obvious 43:18	31:5 97:11,12	55:11	particular 19:7	pertaining 95:24
62:23	97:14,19 98:18	outage 30:2	22:11 46:23	Phil 5:17
obviously 11:16	100:6 101:2	Outdoor 84:15	79:13 83:24	Philadelphia
18:9 22:25	111:18 126:17	outside 43:21	86:25 89:2,10	118:5,17
28:7 33:19	opened 24:23	49:1 51:8 52:1	90:3,5,12,15	phone 37:24
36:10 63:21	opens 12:6	74:10	97:20 99:7	photo 124:24
115:18 124:9	operate 98:23	overall 25:1	116:10 117:16	physical 24:20
occupy 47:10	operated 31:25	83:16 123:16	124:18	36:5
occur 56:25	operates 33:4	overgrown 21:8	particularly	physically 73:6
occurs 102:10	130:6	overseas 113:13	56:4 122:25	pick 63:9 65:7
<b>ODAS</b> 84:15,18	operation 98:2	overview 18:3	parties 132:11	picture 77:16
offering 21:9	operational	owned 112:4	partner 8:8	piece 39:21
office 23:8 93:25	29:18,22 33:3	owner 111:12	Partnership 1:5	piggyback 57:12
94:2,5	opine 88:2	P	party 57:11	pike 120:22
oh 10:8 73:4	opinion 52:19	P 2:1,1	pass 40:20,22	pine 20:1 108:2
76:12 104:15	78:18	P.E 1:18	passing 39:22	pipe 69:18,22,24
111:23	opportunity 6:23 9:16,22	p.m 1:10 80:10	43:2 88:18	Pitney 114:18
Ok 16:13		80:11 131:2,10	Paul 1:18 10:15	117:3 120:12
okay 9:21 10:4	54:17 114:12	PA 2:7	125:4,5	PL 1:6 12:25
10:22 11:1	opposed 39:19	package 38:18	pay 71:15	13:4,7 14:11
13:3,13,20	90:5,16 126:11 option 34:2 41:5	38:20,22	121:17	78:22 87:3
14:18 15:16,24	41:7 68:4,7	pad 17:15,22	pending 62:1	place 92:23
16:14 18:4	70:7	page 3:2,10	people 44:16 50:5 60:19	132:7
20:21,25 21:1	options 29:17	115:1	92:6 99:16	plan 4:10,16 5:8
22:9 24:6	_	painful 6:14		7:21 9:1,11,22
26:14,20 27:14	34:12,13,17 124:25	painted 19:24	116:2	10:6,10 12:2
28:5,20 33:25	ANATOMIC II. WAS SOLD I	panited 19.24	percent 30:7	12:15 15:4
40:11 53:16	orange 23:20,22 order 6:3,4	25:11	31:10 101:25	20:13 21:2
54:23 58:1	48:16 118:3	paragraph	102:2,5	22:2 25:1,14
64:15 66:23	124:18 128:23	85:22	perfect 54:10 115:14	27:2 34:4
68:23 72:24	130:18	parcel 11:25	2	57:12 77:23
77:1 85:8,25	orders 130:7	14:11,12 47:21	performed 103:10	84:24 85:4
91:13 100:19	ordinance 21:22	88:8		90:11,19 91:6
104:15 108:17	orumance 21:22	00.0	perimeter 31:12	93:5,9 97:19
	l .	l		l

102:3,22 104:2	46:19,21 48:12	124:11	primarily 11:25	propagation
104:7,9,13,15	49:15,17 51:5	preference	principal 96:25	39:9 40:9
107:25 108:1,3	51:9,22,23,25	118:6	97:10,15	65:19 77:21
108:12,22	52:6 55:1,21	preferred 59:23	printed 14:17	property 9:6,8
113:9 123:16	55:22,24,25	prejudices 128:6	prior 5:23 34:8	11:7,17,19,22
123:23 124:3	56:5,14,16,17	preliminary	80:25 81:20	11:24 12:6,8
plane 74:4	64:22 68:7	84:24	probably 10:17	12:18,20,25
plane 74.4 planner 9:18	69:21 70:6,8	prep 122:25	11:21 15:2	13:17 21:7
23:4 124:22	76:2 78:2 84:9	123:4	20:8 27:12	31:17,19,20,24
127:9	105:16	preparation	35:10 48:24	90:19,22 91:20
	poles 52:2 55:22	9:22	53:5 74:13	92:11,23 93:6
planning 113:10	portion 12:7,18	prepare 81:12	109:14 122:9	93:10,14,18
124:14	12:20 13:16	81:16 125:5	126:4	94:6,10,14,25
plans 10:16 11:2				
14:8 24:23	14:12 43:11	prepared 85:7	problem 49:11	95:2,6,9,15
112:14 125:4,9	60:7 85:15	123:2 125:7,22	57:6 60:4	97:24 98:5,20
plant 23:15	86:13 117:14	preparer 7:21	110:6 125:16	108:3,14
121:11	portions 108:2	8:25 9:1	procedural 5:10	111:12
planting 106:22	position 21:25	prepares 125:4	procedure 6:20	proportional
platform 35:12	57:15 59:13	preparing 9:10	proceed 5:11	76:7
35:13,17	possible 5:2	Presbyterian	113:15 116:21	propose 15:6
play 38:25 44:2	36:15 53:20,24	88:23	117:9 124:22	60:19 110:1
47:12 76:25	54:18 55:12,17	present 1:11,17	proceedings 1:5	proposed 13:15
please 6:24 7:2	71:10 112:21	6:20,21 31:7	7:14	13:23 14:21
11:10 28:11	115:6 121:19	89:17,20	process 38:2	15:12,17,25
61:18	125:23	125:20 127:21	processors 38:8	16:4,4,22,23
plop 69:14	possibly 48:21	presented 34:2	productive	18:24 22:24
plots 39:9 65:19	49:8 105:12	presenting	113:15	23:23 24:15,24
plus 19:16 37:5	116:2	21:14 23:9	profession 7:14	26:12,17,22
47:8 122:8	post 108:14	127:13	professional	27:13,16 77:24
point 10:5 12:9	posts 25:6	presently 9:1	52:18 124:22	86:4,9 89:3
14:17 20:18,21	potential 15:19	presents 31:13	127:9	91:5 96:14
32:14 53:7	19:3 20:9 79:2	Preservation	profile 20:3	101:12 102:25
62:8 63:6 65:4	power 17:19	93:25 94:2,5	35:13,16	103:4,8 107:2
75:11,21 80:13	25:9 30:1,2,2	preserved 110:3	program 107:19	107:6,13,17,20
117:6 121:5	38:15 71:6,7	preserves	programmed	110:17
124:4	<b>PP</b> 1:19	129:15	30:7	proposing 14:20
pointed 65:4	practical 21:10	presumably	progress 117:12	15:5 16:7
pointing 14:13	59:15	90:10 123:23	120:18	18:12,14 24:10
111:16,18	practice 72:8	presume 11:2	prohibited	25:25 104:24
points 31:11	pre-existing	113:11	59:19	105:23 107:16
32:5,6	84:3 120:25	presumptively	prohibition	props 123:22
pole 17:1,3	pre-wire 44:9,12	129:5	59:14 60:25	protected 110:3
18:25 19:7,8	pre-wired 44:20	pretty 32:10	61:3,5	protects 25:22
19:16,17,17,18	pre-wiring	65:18 105:21	project 7:18,20	protocol 112:17
19:19,24 24:15	45:15	prevent 100:22	80:20,23 81:21	112:20,23
24:15,16 34:21	precisely 85:5	previous 41:10	81:23	protruding 50:3
35:7,8 36:3,4,5	PRECISION	43:25 118:19	projection 10:8	prove 58:16
36:7,8 42:4,8	1:22	previously 4:12	promise 129:25	provide 6:10,11
43:12 45:20	predicated	9:23	propagates 74:4	6:15 7:25
	,		-	

				1490 140
11:18 22:1	88:11 96:14	124:18 127:5	38:3 89:9	64:23
41:13 53:23	128:18 130:18	127:14,16	rare 30:10 33:19	recommendati
59:21 111:2	130:23,24	questions 5:10	ratio 38:8	50:11
124:23	push 57:6	6:21,22,24	re-call 124:20	recommendati
provided 5:23	119:25 120:2	26:20 34:1	127:6,8	23:2
18:8 34:13	put 10:7 25:24	43:16 76:16	re-fueling 12:13	record 11:2,17
provider 39:17	34:15 36:18	77:18 80:7,14	reaches 42:14	13:21 14:8
59:11,17	38:1 42:20	89:14 113:3,19	read 5:25 6:12	80:11 130:24
providers 49:13	44:5 45:21	114:2,6 115:21	102:20 130:10	Record's 98:18
65:17,21	46:2,18 48:13	115:24 116:2	reading 6:6	recording 6:11
providing 58:12	49:25 51:6,8	124:2,3,5,21	ready 119:14,21	28:25
provision 22:6	51:24 53:19	125:10	real 24:2 47:2	recordings 6:9
22:14 27:25	54:9 55:21,22	quick 32:4	realistically	rectangular
28:7	55:24 58:21	quicker 6:14	34:14	15:7,11 17:6
provisions 17:14	60:22 64:3,19	126:8,9	reality 62:1	recycling 12:9
21:25	64:20 66:10,12	quickly 5:2	really 12:17	12:12,12 14:13
public 5:23 6:19	68:10 69:7	107:3 116:1	18:18,20 22:21	14:22 85:14
6:24 22:19,22	72:10,17 73:5	119:22	39:11 45:17	92:15 97:25
28:11 34:8	73:8 74:19	quiet 32:24	53:22 54:9,14	99:17 100:15
61:17 77:7	75:1 76:2	quite 37:20	55:14,15 56:14	100:17
80:4 85:4	120:1	41:22	58:21 60:2	red 23:20,22
86:21 87:3	putting 37:17		73:13,15,25	redirect 124:21
92:14 95:19	38:4 45:15,21	R	74:4,5,23	reduce 36:15,15
97:11 98:5,18	48:10 51:22	R 2:1 7:8 132:1	79:23 116:22	122:12
99:17 100:14	60:19 74:16,24	rack 25:5,5 78:8	119:19	reduces 37:9
100:23 101:2		78:14	rear 87:25 88:3	54:5
103:13 132:3	Q	racks 25:18	88:13	refer 42:3 85:3,6
published 31:8	quadrant 17:5	rad 67:5	reason 11:3 21:3	reference 20:12
pull 70:19 85:10	qualify 7:13	radial 51:23	39:15 51:3	50:9
99:22	quality 30:15	radiate 51:8	65:24 72:14	referenced
pulling 67:1	quarter 45:13	radiation 46:23	74:14 118:15	26:21 43:23
Purcell 2:2 7:2,5	74:12 118:19	46:24 47:11	120:9 129:12	referred 9:7
11:4 53:25	question 16:5	64:17 73:24	reasonable 26:9	referring 24:22
54:3 55:19	17:25 30:21	radiator 30:24	129:4,18	25:1 41:23
56:2 61:3,7	32:4 40:19	radio 25:2 37:10	reasonably	96:5 104:9
115:1,10 128:9	45:8 46:14	37:11 38:2	22:17	110:5
128:13,25	49:6 51:17	45:1 52:3	rebuild 57:9	reflects 39:22
129:14 130:5	52:21 53:17	77:20 89:17	recall 4:5,6 6:19	refresh 80:24
130:16	54:8 56:11	radiohead 37:3	64:8 108:4	regard 81:21
purchased 23:11	60:2,24 68:18	radioheads	receive 48:11	82:1 83:20
24:8	70:6,10 71:22	36:13 38:4,21	receivers 66:22	86:17 89:2
purpose 24:21	72:16 76:18	39:6,10,12	66:24	102:5 103:25
29:25 81:10	77:19 78:19	radiuses 95:14	receiving 48:14	106:21 107:15
92:1 93:4,8	80:5 82:20	rail 108:14	64:19	109:20 110:16
94:13 116:6	85:14 100:9,12	raise 55:8 56:24	recess 80:10	111:6
purposes 7:13	111:11 113:2,6	raised 20:5	recollection	regarding 84:14
9:10 11:17	114:1,25	ran 44:13	80:25	94:8 119:2
13:21,23 22:10	116:12 119:8	Randolph 61:15	recommend	Regardless
25:17 27:15	119:20 122:21	range 32:15,17	42:23 49:25	24:16

regs 31:23 32:1	57:14	residential's	64:16 65:16	ROSENBAUM
regular 18:19	replacing 35:18	122:7	68:5 73:7	1:13 31:3 70:5
regularly 121:15	report 26:21	residentials	76:15 77:17	rough 47:15
regulate 21:22	125:4,6,8,12	113:23 120:12	80:3,6,12 81:3	round 53:4
regulations	125:14	120:15,16	83:4,15,22,23	route 34:15
27:17 75:25	Reporter 132:4	residents 32:14	84:10 87:9,11	99:20
76:11	Reporters 1:23	32:24 120:2,3	88:4,5 94:21	row 23:13 108:1
related 12:21,21	REPORTING	122:2	97:7 98:21	RPR 132:15
92:15	1:22	resolution 40:2	101:2,4 102:12	rude 10:13
relative 132:10	reports 9:17	resolve 40:1	102:17 103:8	ruins 108:14,19
132:12	127:8	respective 9:17	105:5,16,19,20	run 30:4,7,10
relatively 26:1	represent	responding 16:5	106:13 108:15	44:5 53:8
35:23 54:5	104:16	responding 10.5	112:5,10,14	70:21,25 71:2
relevant 9:12	representative	responses 127:7	115:17,22,25	71:13
15:25 24:14	86:21	result 40:1	118:1,7,10,13	running 31:9
29:23	represented	retained 80:19	120:3 121:13	71:6
relocate 20:14	80:4	81:6,8	121:14,25	runoff 102:8,9
106:13,17	request 98:18	retaining 81:10	122:2 127:16	1411011 102.0,5
relocating	requests 98:19	retired 5:17	128:25 130:2	S
106:16	require 67:16	return 113:16	131:7	S 2:1 3:9 7:8,8
remain 108:23	96:8	Rev 28:5	right-hand	S-3 104:11
109:3,21	required 22:19	review 9:16,17	25:15	safely 28:2
110:12 124:20	27:17,20 28:14	24:19 26:21	right-of-way	99:22
	29:14 33:16,18	97:18 119:13	95:19 103:13	safety 74:17
remaining 105:13 110:3	33:20 45:22	119:16	rightfully	Saganic 2:9
remains 24:15	58:5 75:24	reviewed 14:1	115:21	sake 63:8
remember 37:23	79:23 102:15	87:22 95:24	rights 129:15	salt 12:11
82:11 88:18	124:10	99:6 103:21	risk 126:10	sanitary 105:6
108:8	requirement	revised 125:9	RITA 1:13	Sarah 2:10
remind 4:4	22:16,18 32:6	revision 10:20	road 1:6,9 11:22	Saturday 131:4
125:18	32:7 55:23	11:11	11:23,24 18:14	save 8:4
I	79:21 99:3,6,9	<b>RF</b> 4:5,12 36:16	45:24 86:6	saw 38:25 39:7
remote 36:12	99:10 128:18	43:17 114:4	95:12,17,25	saying 32:4
37:3	5 N 4 N 10	124:14	96:5,7 114:14	56:20,23 59:15
remotely 33:9 33:11	requirements 13:3,7,8,9,9	Rich 11:10	123:19	59:25 60:14
- 1780/00 P 20 200	78:23 83:14	61:11 85:7	roadways 89:21	63:17 64:7,11
removable		122:6	90:1	66:17 67:23
69:17 removal 104:2	87:4,8,12 91:2 103:22	Rich's 125:21	ROBERT 2:7	119:15
removal 104:2 remove 105:23	requires 24:17	RICHARD 2:5	robust 19:18	says 53:21 54:9
remove 103:23	28:1,16 128:13	right 4:1 6:5	43:13	54:14 55:3
	,	10:24 14:22	ROH 36:23,25	59:22 66:2
104:14,17,23	requisite 29:13 31:23	29:12 37:12	37:3,15 43:6,6	67:14,18 68:15
112:7	residences 32:11	40:16 51:3	ROHs 36:17,18	78:20 91:3
removing 104:1	residential	52:13 53:3,14	36:19	106:13 108:15
repeat 28:12	31:16,24 114:9	54:2,11,13	roof 102:8	129:3,8 130:7
40:5,5,5,5,5	115:17 116:22	55:2,8,13	room 17:14	scenario 47:13
52:10		55:2,8,13	25:17 43:8	54:24 60:11
replace 57:8	117:3,13	59:4 61:1,11	root 109:4	schedule 118:8
63:21	120:19,23		ROSA 132:3,15	118:12
replacement	126:20	61:14,16,20	NUSA 134:3,13	110.12
				l

			-	
scheduled 18:19	second 5:19 7:12	128:4 129:20	shortens 38:3	113:2,7,20
118:15	11:9 22:9 25:3	129:21 130:6	Shorthand 1:23	114:5 115:1,22
scheduling	34:19 57:21	sensitivity	132:4	115:23 120:13
116:21	58:12,20 59:4	121:21	shot 4:21 128:16	122:5,19 124:3
Schneider 2:4,5	59:17 60:25	sensor 110:19	128:21,22	125:11,21
3:4 4:3,10,19	63:13,19 65:9	sent 38:7	129:10,16	126:4 127:11
4:23 5:3,21	65:12 67:12,14	separate 83:17	130:17	127:23 128:6
6:13 7:1,10 8:8	68:7 71:14	separated 39:24	show 14:6 20:6	Simon's 113:19
8:19,23,24	122:6 123:6	66:24	79:21 107:25	114:2 124:21
10:13 11:1,5	129:9 130:20	separation 19:4	121:4 125:11	simple 35:14
11:12,15 24:12	secondly 123:15	separations 20:8	showed 108:22	simplest 35:5
29:4,9 31:21	SECRETARY	septic 105:7	112:13	53:23
33:2 39:3	10:11 17:9	service 1:22	showing 43:21	simply 6:6 17:4
40:23 41:2,16	section 16:17,18	20:19 33:15	shown 14:5	19:23 23:9
41:20,23 43:15	42:7,10,10,14	70:7,9,14	shows 15:8	25:11 67:4
47:12 57:1	43:9,14 50:23	Serviceberry	shrubs 14:24	119:21
58:2,10,13	56:24 66:16,18	23:19	21:12 23:13,24	sims 124:24
59:1,9 61:12	67:5 69:4,7,15	services 48:23	112:1	simulate 19:25
61:23 63:12	69:18 76:24	49:4	side 19:16 23:23	simultaneously
64:14 65:4	sections 60:9	servicing 25:21	87:25 88:3,13	98:23
67:8,21 68:17	102:20	sessions 116:4	88:13 107:7,8	sincere 113:5
68:24 70:11	see 14:19 17:6	set 10:15 42:13	107:9 111:15	sincerely 104:8
71:17 75:10,15	17:10 20:4	46:21 53:2	111:15	single 18:16,20
75:21 76:4,9	24:22 51:12	130:7 132:8	sides 17:3	sit 17:15 35:18
79:24 83:25	74:6 77:23	setback 13:7	Sienna 24:3	88:2 94:12
85:9,20 86:22	91:9 104:8,16	setbacks 31:23	sign 26:15,15	115:10 130:11
87:18 96:4,9	105:11 106:14	87:8	signage 26:17	site 4:10,16 5:8
110:5 111:2	108:4 111:12	setting 65:1 97:4	signal 37:18,18	7:21 8:10 9:1,5
113:12 114:8	111:20	97:13,14	37:23,23,25	9:11,22,23
114:24 116:16	seed 121:11	seven 33:6 45:5	38:1,3,5,7,8	10:2,6,10 14:1
116:19,25	seek 83:23	sewer 33:15	39:22 40:2,3	16:6 18:12,15
117:17 118:1	seen 49:4 50:24	SGSL 2:8	71:8 73:25	18:18 22:2
120:5,10	68:16 114:14	shaped 88:4	signals 39:24	26:16 29:18
121:10,20	segment 15:3	shed 12:12	significant	30:1,19 33:4,5
122:4,22 123:7	42:12,20 50:18	14:13,22 22:21	117:11 120:18	33:9,20,22
123:21 124:6	55:5 60:17	85:14 100:17	significantly	38:4 39:19
124:17 125:2	segments 42:16	sheds 12:12	62:4	56:4 79:13,13
125:17 126:13	42:18,19 47:2	sheet 14:10 15:2	silvery 35:21	83:9 84:24
126:16 127:4	50:19 60:11,14	15:3 18:23	similar 26:8	85:3 86:13,15
128:16,20	60:20 62:14	21:1,3,4 24:22	27:12 34:23	86:25 89:2,10
130:23 131:2,5 School 88:25	63:3 64:11	24:23 102:9	Simon 2:7 3:5	90:5,6,6,12,15
	74:14,14	104:10,12	6:22 8:19,21	90:16 92:14,20
scope 35:3 screen 14:6,9	segregation 12:17	shelter 26:3 shield 22:19	11:9,14 28:23	93:1 98:23
screw 73:12	seismic 28:18	74:20	47:13 80:5,6	99:12,15,18,19
screw 75:12 scroll 10:20	sending 38:14	shining 75:1	80:14,14,17	99:24 100:6,23
sea 89:5	sending 38:14 sense 52:5 59:10	Shopping 34:25	85:15,24 96:6 96:10 109:6,14	101:25 102:3,6
sea 69.3 seated 7:11	68:3 79:5	short 17:11 37:3	109:18,19	102:7,10,15,22 104:7 106:19
seats 80:16	119:3 126:20	38:5	110:9,11 111:5	
Scats 00.10	117.3 120.20	20.2	110.5,11 111.5	107:25,25

108:3,22	smaller 25:18	72:2	started 61:24	strict 34:18
110:21 112:18	26:5 32:11,16	speak 28:11	78:21 91:21	striping 27:20
116:10 119:17	39:12 45:22	40:17 61:18	starting 29:19	structural 8:16
124:1,3,10,12	76:14	111:17 120:17	63:6	27:25 68:18
124:12,20	SMSA 1:5 4:2	speaking 48:24	state 7:2,15	structurally
124.12,20	snake 53:11	special 116:5	28:15 30:13,15	47:18
sites 4:8 79:20	54:18	special 110.5	31:16 32:6,7	structure 12:3
79:23 82:22	snowball 23:16	90:24	54:16 82:17	13:18 16:9
83:3 88:19,21	sold 38:22	species 106:23	83:14,21 84:9	17:1,18 19:1
89:13 102:21	somewhat 34:17	specific 8:2 11:3	90:22 91:17	19:18,24 35:6
122:25 123:2,3	sorry 11:10 13:7	22:24 27:25	93:25 94:1,5	35:8 54:4
127:6,13,18,21	20:25 24:3	28:2 45:1	101:6 132:4	69:19 123:17
sitting 17:22	30:20 52:12	68:20	stated 87:4	structures 12:2
42:7 56:11	54:12 63:25	specifically	91:23	12:10 14:21
situation 33:19	90:6 101:10	15:25 83:20	statement 12:22	51:17 91:19
61:8 68:6	108:13 109:6	specifications	12:23 49:7	stuff 77:21
121:21	123:25 131:5	31:22 41:14	station 12:13	subject 9:6
six 18:16 31:11	sort 38:18 74:20	specificity 85:13	93:5	11:19 12:25
32:4,6 33:21	78:5,24 111:7	speculate 94:15	stations 33:12	13:16,17 21:17
36:10,16 46:25	sought 62:11	speed 40:9	status 126:20	22:22,25 57:9
47:2 48:17,18	sound 31:3,5,7	spent 43:24	stay 10:24 43:13	87:14,19 110:7
52:4 72:25	117:4	115:20	55:8 70:18	124:21
103:20	sounds 114:11	splice 70:19	113:12	submission 16:2
sixty 89:7	117:2	71:11	steel 17:16 19:24	21:5 93:25
size 22:3 44:21	source 74:25,25	spliced 70:24	42:7,8 43:11	94:1,4 96:16
45:3 46:8 76:4	75:2 111:21	spoken 122:1	51:5,25 60:7	submit 21:13
76:13 109:3	south 23:10	spot 36:19 54:10	65:2 68:10	125:8
sizes 45:5	105:14	64:1	69:4 76:19,21	submitted 14:9
skinny 69:24	south-east 18:5	spotlight 27:3	stenographer	21:15 104:2
slender 79:18,19	southern 107:7	Spring 23:21	6:9	119:23
slender 75:16,15	southwest	springtime	stenographica	suboptimal
slight 23:17	104:25 105:3	23:20,25	132:7	57:20
36:17	105:15	Sprint 61:13,25	stick 49:5	substantial
slot 58:19 65:21	Sovolos 1:15	62:2 82:3,6,7,9	stipulated 64:14	37:21 117:13
66:3 67:2 69:4	5:13,15,19,25	82:13,16,25	stood 50:6	substantially
72:20	SP-1 14:10 15:5	83:8	storage 12:12	34:23
slots 42:11,11	91:6	square 101:14	store 25:11	substantively
48:20 49:7,19	SP-2 15:3	squeeze 115:8	stores 15:1	124:8
51:11 52:5,6	104:10,12	staff 86:14	stormwater	sudden 39:21
52:13 54:13	space 15:8,14	stand 28:23,25	102:7,10,14,21	sue 130:12
55:15 56:19,21	18:21 25:3	standard 18:24	103:1,3,7	suffice 6:7 34:4
57:3,4 58:7,18	53:5,7,8 73:9	19:5,8 78:9	straight 34:18	48:5
65:9,10	77:24 78:3	112:17,19,23	35:6,25 53:12	sufficient 64:3
slowly 116:13	97:11,12,14,20	standards 96:1	53:13,14	96:12,20
small 12:2,13	99:1,15 112:15	stands 25:16	straighter 78:25	117:18
17:16,18 21:8	spaces 99:11	49:7	strain 116:11	suggest 66:6
36:13 46:20	spacial 39:16,23	start 8:25 19:10	strange 70:6	113:18 116:16
91:22,24,25	40:8	19:11 53:1	Street 71:24	suggested 120:5
92:1,4,7	spacing 71:23	95:1 118:6	72:1	suggesting
, 2.1, 1, 1	-P			
THE CO. P. LEWIS CO. LANSING STREET, S				

				Page 132
117:10 122:11	84:18 105:7	127:2	129:22	118:14,24
suggestion	107:16 109:4	talked 56:3 65:6	temporary	122:23 127:11
120:11 122:15	Systems 84:16	111:23 112:12	70:13,13	127:23
suitable 56:4	Systems 64.10	118:4	ten 71:9 82:19	things 23:1
124:13,14	T	talking 37:21	104:6	27:23 33:23
summarize 34:7	T 3:9 130:8	39:8 40:3	tenants 70:6	35:3 38:20
34:11 123:18	132:1,1	46:13,15 47:4	tend 32:23	39:9 41:12
summary 35:2	T-arm 35:15	52:13,14 61:18	term 78:18	78:25 87:11
summer 23:15	<b>T-Mobile</b> 61:13	63:7 72:20	termed 37:2,2	119:18 121:18
23:22	61:25 62:2	73:4 76:5	terms 11:20 14:5	think 10:14
supplemental	82:3,16,25	79:12 87:7,8	16:3,20,21	11:17 14:16
23:4 127:8	83:2,3,8	95:18 96:6	18:15 22:2,24	28:5 38:12
128:2	table 91:1,8	102:8 113:1	23:4 24:19	41:10 46:13,14
supply 30:1	101:6	118:3 129:22	26:25 27:12	46:15,17,17
support 35:15	TAGLAIRINO	tall 16:8 25:16	29:22 31:25	48:24 49:16,18
122:6	1:18 10:11,17	25:16 37:5	34:13 35:3	49:20 53:25
supporting	10:22 17:9	42:9	41:12,13 43:4	54:24 58:2,20
17:18 25:12	29:7 113:22	taper 19:21	62:22 83:21	59:7 60:24
28:9 42:9 78:9	114:17 119:12	tapered 76:23	88:6 94:25	62:12,18,20,24
sure 6:23 11:12	121:3 131:1,3	tapering 35:11	101:23 102:24	63:9,23 64:4
11:21 14:8	tailor 71:8	tapers 19:17	104:23 116:4	64:14,14,18
16:16,25 23:6	take 7:12 13:21	task 27:2	116:21 119:4	65:5 66:20,21
29:25 35:5	14:6 16:20	teaching 40:16	122:1	68:2,3,17
74:24 79:10	17:4 21:25	tech 77:24 78:3	testified 4:12	74:16 75:12
103:21 111:4	22:23 24:21	technical 86:14	66:12 86:9	78:15,20 79:5
111:13 116:23	28:22,25 29:8	technically	87:2 98:12	79:6,7,8 98:8
118:2 120:21	29:17 35:1	128:23	106:24 111:7	101:23 106:22
121:12 123:21	40:16 41:15	technician 18:17	testifies 7:9	106:23,24
125:7 128:5	42:18 47:15,23	25:21 33:23	testimony 6:5,21	113:22,25
surface 35:17	47:23 54:23	technician's	9:4 34:2 50:17	114:7,21,25
48:10 71:25	55:4 57:3	100:4	71:22 72:7,9	115:2,3,10
101:17	62:12 63:18	techniques	79:20 88:9	116:17,19
surprised 121:4	69:6,17 73:14	103:4	89:17 97:9	117:1 118:4,6
surrounding	73:16 74:16	technology 36:9	114:3 122:24	118:24 119:14
94:10 109:21	75:22 80:8,16	62:3	127:7 132:6	120:8 122:4,8
111:12	92:23 108:13	techs 25:11	thank 6:2 8:19	123:1,8,9
surrounds 105:2	109:8,10,11	Ted 2:10	10:21,25 11:14	126:3,16
survey 80:23	114:21 115:24	telecom 25:9	15:4 17:20	127:24,25
Susan 2:8	126:24 130:4	99:12	24:1 40:12	128:2,6
swap 57:7 62:19	taken 75:4 80:10	telecommunic	41:25 131:8	thinking 45:12
swear 7:5	106:8 130:22	59:20,22 91:4	thankful 5:5	thinner 38:11,13
switch 27:9	132:6	129:2,3	thin 69:18	third 17:14 21:1
switching 33:12	takes 31:9 42:19	telephone 17:19	thing 5:6 6:19	21:3 34:21
sworn 7:8	53:4 57:3 63:2	tell 7:5 29:6 37:6	39:14 43:5,23	41:7 44:5
SYMONDS	126:9,9	50:7,20 60:18	45:16 50:1	47:17,18,22
1:16 75:8	talk 18:2 21:1	78:1 84:1	53:10 56:19	48:1,2,5 49:15
77:19 78:15	30:18 41:5	85:10 114:20	68:6 72:13	57:4,10,15,21
79:6	43:17 102:21	129:22	73:23 74:5,15	58:15,18 59:6
system 33:11	119:23,24	telling 65:13	76:10 114:15	60:8 62:6,10
,				: : : : : : : : : : : : : : : : : : :

	1000			1490 100
112:13,15	26:24 118:20	54:14 57:8,14	48:13 64:20	turn 4:15 15:2
thought 21:5	125:13	57:20,22 58:1	transparent	24:13 27:9,10
79:3 115:3	timings 4:22	58:15,17 59:16	51:23 52:3	73:18 110:22
116:24 117:14	tiny 37:24	61:1,4 62:19	treatment 49:14	110:25,25
120:20 123:7	today 36:21	63:14 65:15	tree 18:24 19:7,8	turning 27:24
127:12	45:22 60:22,22	71:24 79:25	19:17,25 20:3	95:13
thread 46:4	119:13 121:4	83:24 96:21	23:20 24:15,15	turns 39:21
three 4:18 5:23	today's 36:9	110:9	34:2,15,19	two 11:25 12:2
15:14,19 17:6	told 90:10	tower's 17:10	35:7,8 104:2	12:12 16:16,19
17:12,17 24:25	Tom 1:15 5:20	towers 21:23	105:1,9,10,12	17:13 23:1
25:13 34:17	tonight 50:20	28:9 54:6	105:18,19,21	24:6,7 27:3
35:2 42:18,20	71:22 88:14	town 4:13 47:19	105:23 106:5	39:9 42:18,19
46:23,25 48:3	114:22 115:3	59:19 68:3	108:22 109:1,2	43:16 45:6
48:5,6,6,8,16	115:13	township 1:1 9:8	tree-like 14:20	47:2,5,6,7,10
49:13,21 52:25	tonight's 7:13	9:13,18,18	trees 14:24	47:10,23,25
62:14 78:9	top 12:4 19:19	20:17 21:14,16	19:13 21:8,8	48:1,18,21
89:7 112:18	19:21 35:11,19	21:21,22 23:1	21:11,11 24:7	49:8,15 51:15
114:18 121:2	38:5 42:5,7	23:3 71:24	24:8,10 103:25	54:10,13 56:19
throw 25:17	43:1,9,11,13	78:20 81:13	104:4,13,16,23	56:21 57:3,4
120:11	44:5 46:3	84:14 85:23	106:2,5,8,10	58:9,10,17
throwing 117:19	51:11 53:1,19	86:20 87:15	106:21 107:2,4	60:11,14 61:19
Thursday 1:8	54:11,22 55:6	88:25 92:10	107:20 108:2,6	62:9,13,14
75:9 118:20	55:9 57:3	96:13 97:16,19	108:21,24	63:3,20 64:11
Thursdays 75:6	62:13 63:7,9	97:24 110:7,7	109:3,20,23	64:17 67:7
tight 36:4,5,7	66:15 69:5,7,9	township's	110:2,6,7,8,12	73:8 74:20
time 4:14 8:5	69:11,12,20	90:20 99:2	110:14 112:1	75:7,16 79:16
10:5 18:24	70:18 76:22	102:15 129:15	trick 100:10	97:1,7 113:3
20:18 30:6	79:4,17	Toys"R"Us	tried 55:24	116:9 119:13
43:24 52:22	topic 115:15	38:19	trigger 119:17	119:13,14
64:7 75:22	total 46:9,10,11	traditional	truck 39:22 95:6	two-rad 64:17
109:10,11,13	47:6,7,10	64:15,24 66:6	true 35:23 36:24	66:10
112:18 115:8	101:24	66:9	73:23 132:5	type 16:3 25:23
115:12,18,19	totally 13:15,16	traffic 95:6	truth 7:6,6	27:7 56:8
115:20 117:4	49:2	trailer 106:13	try 38:1 44:4	88:19 98:18
117:12,18,23	touch 126:18	106:13,16,18	55:22 57:12	106:10 107:16
117:25 118:9	touching 73:5	112:5	62:18 71:8	107:19 110:1
119:2,4,25	tough 54:1,14	transcript 1:3	74:15 78:24	110:13
120:19 123:1,4	55:14 56:14	6:6 132:6	115:8 119:3	types 13:10
123:14 125:24	58:19,19	transcripts 5:23	121:6 125:25	44:24
126:12,21	tougher 53:18	6:7,8,12,13,15	trying 56:11	typical 28:8
129:4,18 130:1	tower 15:18	transmission	100:10 114:10	124:3
132:7	16:22 17:11	28:9 40:4,6	115:10	typically 6:7
timed 26:25	20:4,5,13,18	transmit 38:13	Tuesday 30:5	94:4
timer 27:9,10	24:14 27:15,16	48:11,15	75:6	***
110:17,24	27:21,24 28:3	transmitter	tuition 40:22	U U
times 30:1 50:4	28:6,9,16,18	37:25	turbulence 74:8	U 7:8
50:7 70:16	29:11 34:5	transmitters	74:8	ugly 78:17
99:19 100:16	35:19,20 41:17	66:22,24	turbulent 73:19	ultimately 29:14
timing 4:23	41:18 46:8	transmitting	73:25	55:20 127:6
		2		
processing the second s		na ja ong a wigit don ngamban madalang arawanan		

un-installing   unbate   125:9   unable   88:9   unper   25:14   unal   23:16   33:13   33:13   36:10   visually   50:14   42:16,19   47:15   voice   28:11   33:6   33:15   73:17,18   33:13   37:12   24   26:4   32:24   55:5   56:23   61:17   77:7   29:10   130:22   vote   63:34   vote				[	I
unable 88:9 unaimous 130:22         upper 25:14 use 12:10,19 54:22,25 55:5 55:6 23 130:22         42:16,19 47:15 54:22,25 55:5 61:17 77:7 58:6,13 60:14 55:5 66:23         VOGEL 2:4 voice 28:11 53:6 61:17 77:7 129:10 130:22 vote 6:3,4 129:10 130:21 vote 6:3,4 130:21,22 voting 5:18 Wark 7:20 27:10 validing 4:19 54:13 validays 18:14 validays 18:14 18:20 23:22 unidays 23:18 unidays 2	un-installing	update 125:9	28:2 30:12,14	127:10	
unaimous   130:22   13:17 21:24   55:5 56:23   13:17 21:24   55:5 56:23   13:17 21:24   55:5 56:23   13:17 21:24   58:6,13 60:14   54:23 78:11   29:10 130:22   20:15 30:9   53:5 66:14   45:10 48:21   45:10 48:2	Atting that Ar son one	_			32:16 33:15
130:22	Section Section 1981 Section 1981			A MARKET SERVICE	73:17,18
underneath 46:4   26:4 32:24   58:6,13 60:14   129:10 130:22   vote 6:3,4   129:10 130:12   vote 6:3,4   129:10 130:11   130:22   vote 6:3,4   129:10 130:11   130:12   vote 6:3,4   129:10 130:12   vote 6:3,4   129:10 130:11   130:12   vote 6:3,4   129:10 130:11   vote 6:3,5   129:10 130:12   vote 6:3,5   129:10 130:11   vote 6:3,5	111 11 11 11 11 11 11 11 11 11 11 11 11				NAME OF BUILDINGS OF SECULO
S4:23 78:11   understand   45:10 48:21   56:25 63:2   66:23 67:12   130:22,22   wavy 105:9   1		TANKS OF THE PROPERTY OF			wattage 27:11
understand   20:15 30:9   53:5 66:14   66:23 67:12   130:22,22   wayy 105:9   130:16 75:17,18   83:17,22 84:23   86:5,8,12,21   20:15 30:9   96:7,8,25 97:4   92:9 99:14   121:24 122:13   99:2,7 117:23   122:15,16,18   128:21   understanding   18:25 22:25   84:2 90:25   93:24 128:22   user 39:18   uses 11:20 12:21   39:20 125:3,4   122:11 310:12   122:11 31:0,11   79:16   133:22   understood 4:25   46:14   undertaken   33:22   uritize 20:18   uritized 26:2,6   99:21,23   understand 4:25   42:4,22,24   42:4,22,24   42:4,22,24   42:4,22,24   46:24   42:4,22,24   42:4,22,24   42:2   uniform 19:21   43:17   45:16   43:7   unit 36:25 43:6   43:7   unit 36:25 43:6   43:7   unit 36:23   unecessary   unit 41:23   unused 14:23   19:2 21:9,19   unused 14:23   19:2 21:9,19   unused 14:23   19:2 21:9,19   unused 14:23   unused 14:23   19:2 21:9,19   unused 14:23   unit 36:26   unit 36:27   unit 36:28   un		Committee of the commit			38:16
20:15 30:9   53:5 66:14   66:23 67:12   130:22,22   wayy 105:9     51:21 52:21   70:7 71:5,6   81:9 84:13   85:3,516,19     63:16 75:17,18   130:17,22 84:23   96:7,8,25 97:4   92:9 99:14   120:22 121:14   97:10,11,15,20   100:3,7,19,24   121:24 122:13   122:15,16,18   128:21   uscless 60:20   user 39:18   284:2 90:25   93:24 128:22   understond 4:25   46:14   usuly 6:13   130:22,25   46:14   usuly 6:13   130:22,22   wayy 105:9   way 17:23 27:14   48:9   49:22 50:9,13   35:9,14,24   49:22 50:9,13   35:9,14,24   49:22 50:9,13   35:9,14,24   49:22 50:9,13   35:9,14,24   49:22 50:9,13   35:9,14,24   49:22 50:9,13   35:9,14,24   49:22 50:9,13   35:9,14,24   49:22 50:9,13   49:22 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:11   49:12 13:10,11   49:14 14:17   49:12 13:11   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:14 14:19   59:3,16 62:23   10:15,17   11:15,17   11:15,17   11:15,17   11:15,17   11:15,17   11:15,17   11:15,17   11:15,17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:12 13:10,11   49:14 14:17   49:14 14:19   59:3,16 62:23   10:15,17   44:13   44:14   49:14 14:17   44:13   44:14   44:1			100 CO SECURIO 100 CO CO CO		wave 74:4 77:20
S1:21 52:21				CONTRACTOR CONTRACTOR STREET, ASSAULT	The state of the s
S3:7 61:14	CHIEF TO COMPANY OF THE TOTAL PROMPTS		_		
63:16 75:17,18   83:17,22 84:23   96:7,8,25 97:4   92:9 99:14   120:22 121:14   97:10,11,15,20   100:3,7,19,24   121:24 122:13   122:15,16,18   128:21   useless 60:20   user 39:18   54:11 58:25   93:24 128:22   understood 4:25   46:14   usally 6:13   39:20 125:3,4   undertaken   39:20 125:3,4   utilized 26:2,6   undesignated   99:21,23   undesignated   99:21,23   unifur 122:23   unifur 122:23   unifur 122:23   unifur 122:23   unifur 122:23   unifur 122:24   unifur 122:25   unifur 13 6:25 4:26   24:42,22,24   66:24   42:4,22,24   42:4,22,24   66:24   42:4,22,24   66:24   42:4,22,24   42:4,22,24   66:24   42:4,22,24   42:4,24,24,24,24   42:4,24,24,24,24,24,24,24,24,24,24,24,24,24	2 10 01 9 02 020000000000000000000000000			voting 5:18	
100:9,12			0 0 0		
120:22   121:14   97:10,11,15,20   100:3,7,19,24   121:24   122:13   99:2,7   117:23   122:15,16,18   128:21   understanding   18:25   22:25   user 39:18   54:11   58:25   user 39:18   tillized 20:12   12:21   13:10,11   understood 4:25   46:14   usually 6:13   39:20   125:3,4   utilize 20:18   undertaken   39:20   125:3,4   utilized 20:18   undertaken   39:20   125:3,4   utilized 20:18   undertaken   39:20   125:3,4   utilized 26:2,6   99:21,23   undiform 19:21   42:2   uni-pole 42:2,4   42:4,22,24   66:24   vacation 4:13   valuable 125:15   variance 84:3,23   vimider 19:21   unitor 19:21   42:2   unitor 19:21					
121:24 122:13	(5)		NO PERSONAL DEPOSIT DE LA CONTRACTION DE LA CONT	2 2 2 2 2 2 2	
122:15,16,18   understanding   18:25 22:25   user 39:18   user 39:19   user 39:19   user 39:18   user 39:18   user 39:19   user 39:18   user 39:19   user 39:18   user 39:18   user 39:19   user 39:18   user 39:18   user 39:18   user 39:19   user 39:18   user 39:18   user 39:19   user 39:18   user 39:18   user 39:19   user 39:19   user 39:19   user 39:19   user 39:18   user 39:18   user 39:18   user 39:19					
understanding         useless 60:20         17:12 36:11         54:13         63:4,6 87:18           84:2 90:25         user 39:18         54:11 58:25         walkway 18:14         18:20 23:23         100:7 101:10           93:24 128:22         12:21 13:10,11         89:17         101:15,17         101:15,17         101:15,17         101:15,17         101:15,11         116:20         117:9 122:12         117:12 36:11         18:20 23:23         100:7 101:10         101:15,17         101:10         101:15,17         101:15,17         101:15,17         101:15,17         101:15,17         101:15,17         101:15,17<					,
18:25 22:25         user 39:18         54:11 58:25         walkway 18:14         99:1,20,22           93:24 128:22         uses 11:20 12:21         63:21,25 86:14         18:20 23:23         100:7 101:10           46:14         usually 6:13         89:17         vernon 1:9         walkways 86:8         117:9 122:12           33:22         utilize 20:18         utilize 20:18         14:17         44:13 46:12         we'll 4:14 5:4           39:21,23         32:18 99:24         utilizing 86:15         56:24         55:21 57:9,21         we'll 4:14 5:4           uni-pole 42:2,4         42:2         vacation 4:13         vertical 47:2         58:7 59:5,12         114:3 118:20           42:2         variation 23:18         variation 23:18         39:24 12:11         view 18:23         76:14 78:11           42:2         variation 23:18         34:24 41:18         94:15,16         42:21         41:27 59:22           unique 27:25         vasity 50:2         verlices 94:25         33:22         12:11         120:12,125:22         12:13:6,14           42:2         various 34:5         35:15 98:9         visit 8:10 9:23         79:22 85:15         11:21 13:6,14           42:2         various 34:5         35:15 98:9         visit 8:10 9:23         12:12 12:22         1		NEDOC-401900-0440-04401			
84:2 90:25         uses 11:20 12:21         63:21,25 86:14         18:20 23:23         100:7 101:10           93:24 128:22         12:21 13:10,11         89:17         walkways 86:8         117:9 122:12           46:14         usually 6:13         88:23,23         want 10:23 20:4         ways 35:15           underdiaken         39:20 125:3,4         utilize 20:18         utilize 20:18         version 10:9,16         23:6 28:22         we'll 4:14 5:4           99:21,23         utilized 26:2,6         32:18 99:24         16:4 45:21         55:12 57:9,21         18:2 25:9,9           uniqari 122:23         utilizing 86:15         62:4         55:21 57:9,21         80:9 109:15           uni-pole 42:2,4         42:4,22,24         Vacation 4:13         72:1 115:23         71:12 75:22         80:9 109:15           42:2         variation 23:18         variation 23:18         72:1 115:23         71:12 75:22         71:12 75:22           unique 27:25         28:8,13 45:4         35:15 98:9         violates 59:14         100:15 109:9,9         15:13:18:12,16 18:12           unistrut 25:6,7         vehicle 12:11         18:17 86:15         95:14         visite 8:10 9:23         129:13,20         40:3 47:4           43:7         vehicles 94:25         95:14,28         visite 8:10 9:24	O O	Berney Authorities and the New York			
93:24 128:22		2 COM 2 NO CON 10 CO 20 SEC			
understood 4:25         71:19 98:11,22 usually 6:13         Vernon 1:9 88:23,23         walkways 86:8 want 10:23 20:4 ways 35:15         117:9 122:12 ways 35:15           33:22         utilize 20:18 utilize 20:18 utilize 20:18 utilize 20:12 unfair 122:23 unfair 122:23 unipole 42:2,4 42:4,22,24 de:42,22,24 de:6:24 vacation 4:13 valuable 125:15 variance 84:3,23 uniform 19:21 42:2 uniform 19:21 42:2 uniform 19:21 42:2 variation 23:18 variation 23:	1	THE REAL PROPERTY CONTROL TO SECURE AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF T		NO. 001 (ORIGO SO) - NEWSON SECTIONS	
46:14		,	5.0 5.05.0		
undertaken         39:20 125:3,4         version 10:9,16         23:6 28:22         we'll 4:14 5:4           33:22         utilize 20:18         14:17         44:13 46:12         6:14,23 8:17           99:21,23         32:18 99:24         16:4 45:21         50:12 52:22         18:2 25:9,9           unidari 122:23         utilizing 86:15         62:4         55:21 57:9,21         80:9 109:15           uni 42:2         96:7 111:25         vertical 47:2         58:7 59:5,12         114:3 118:20           unipole 42:2,4         Vacation 4:13         vertical 47:2         58:7 59:5,12         114:3 118:20           UNIDENTIFI         vacation 4:13         valuable 125:15         72:1 115:23         71:12 75:22         127:1,2,4           uniform 19:21         variation 23:18         variation 23:18         79:11 5:23         76:14 78:11         79:22 85:15         11:21 13:6,14           unique 27:25         various 34:5         35:15 98:9         10:24 41:18         94:15,16         14:20 15:5,10           unistrut 25:6,7         78:4         18:17 86:15         virtue 27:20         12:23 128:5         37:21 39:8           units 36:23         vehicles 94:25         33:22         visited 99:19         vanted 21:1         54:16 56:13,16           45:16					
33:22         utilize 20:18         14:17         44:13 46:12         6:14,23 8:17           undesignated         utilized 26:2,6         79:21,23         32:18 99:24         16:4 45:21         50:12 52:22         18:2 25:9,9         34:6 40:22           uniari 122:23         utilizing 86:15         62:4         55:21 57:9,21         34:6 40:22         80:9 109:15           uni-pole 42:2,4         V         vacation 4:13         vertical 47:2         58:7 59:5,12         114:3 118:20           UNIDENTIFI         vacation 4:13         valuable 125:15         variance 84:3,23         72:1 115:23         71:12 75:22         124:19 126:18           Uniform 19:21         96:8 128:14         variation 23:18         34:24 41:18         94:15,16         14:20 15:5,10           42:2         variation 23:18         variation 23:18         violates 59:14         100:15 109:9,9         15:12,16 18:12           unistrut 25:6,7         35:15 98:9         vasity 50:2         virtue 27:20         120:1,2 125:22         18:13 21:14,24           43:7         vehicle 12:11         18:17 86:15         33:22         visibility 12:1         129:13,20         40:3 47:4           unit 36:25 43:6         95:14         vehicles 94:25         33:22         130:13         96:4,4 102:8	200 SERVICES SC.	•			
undesignated         utilized 26:2,6         versus 12:19         50:12 52:22         18:2 25:9,9           99:21,23         utilizing 86:15         62:4         55:21 57:9,21         34:6 40:22           uni-pole 42:2,4         42:4,22,24         vacation 4:13         vertical 47:2         58:7 59:5,12         114:3 118:20           UNIDENTIFI         Vacation 4:13         valuable 125:15         vailable 125:15         viewshed 50:2         76:14 78:11         124:19 126:18           42:2         variation 23:18         variation 23:18         viewshed 50:2         79:22 85:15         11:21 13:6,14           unique 27:25         various 34:5         35:15 98:9         violates 59:14         100:15 109:9,9         15:12,16 18:12           unistrut 25:6,7         vehicle 12:11         18:17 86:15         visibility 121:1         129:13,20         40:3 47:4           43:7         vehicles 94:25         95:14,28         vendors 51:18         vericun 1:5 4:2         visited 99:19         visited 99:19         visited 99:19         visited 99:19         visited 99:19         130:13         warning 26:15         118:8,19 119:5           10:2 14:1 16:0         30:21:9,19         36:16:10:10         40:14:10         40:22	COLUMN CONTRACTOR CONT				
99:21,23 unfair 122:23 unit 42:2 uni-pole 42:2,4 42:4,22,24 66:24 UNIDENTIFI 61:17 77:7 variance 84:3,23 unique 27:25 28:8,13 45:4 121:21 unistrut 25:6,7 78:4 unit 36:25 43:6 43:7 units 36:23 unnecessary 45:16 unsegregated 99:14 unused 14:23  32:18 99:24 16:4 45:21 55:21 57:9,21 58:7 59:5,12 62:16 67:17 121:6 124:18 124:19 126:18 126:16 7:17 12:6 124:18 127:1,24 126:15 79:22 127:1,24 126:15 79:22 127:1,24 126:16 124:18 127:17,24 128:19 126:19 126:14 78:11 1		CONTRACTOR OF THE PARTY OF THE	50 D 50150 S	The second secon	
unfair 122:23         utilizing 86:15         62:4         55:21 57:9,21         80:9 109:15           uni-pole 42:2,4         V         vertical 47:2         58:7 59:5,12         114:3 118:20           42:4,22,24         V         vacation 4:13         vertical 47:2         58:7 59:5,12         114:3 118:20           UNIDENTIFI         Vacation 4:13         valuable 125:15         viewshed 50:2         76:14 78:11         verte 4:22,25           uniform 19:21         variance 84:3,23         variation 23:18         62:8 79:14         100:15 109:9,9         15:12,16 18:12           unique 27:25         various 34:5         35:15 98:9         violates 59:14         120:1,2 125:22         18:13 21:14,24           valuable 125:15         variation 23:18         violates 59:14         100:15 109:9,9         15:12,16 18:12           unique 27:25         vastly 50:2         vehicle 59:14         violates 59:14         120:1,2 125:22         18:13 21:14,24            vastly 50:2         vehicle 12:11         visit 8:10 9:23         127:23 128:5         37:21 39:8           units 36:25         vastl         vehicles 94:25         visited 99:19         vants 59:9         40:3 47:4           vehicles 94:25         95:1,2,8         vendors 51:18         86:15 99:24         visiting 18:15	Ų.		Difference State of the Control of t	Own too constant constant	
uni 42:2         96:7 111:25         vertical 47:2         58:7 59:5,12         114:3 118:20           uni-pole 42:2,4         V         view 18:23         62:16 67:17         121:6 124:18           42:4,22,24         V         vacation 4:13         valuable 125:15         view 18:23         68:4,6 70:18         124:19 126:18           UNIDENTIFI         valuable 125:15         variance 84:3,23         viewshed 50:2         76:14 78:11         we're 4:22,25           uniform 19:21         96:8 128:14         variation 23:18         62:8 79:14         100:15 109:9,9         15:12,16 18:12           unique 27:25         various 34:5         violates 59:14         120:1,2 125:22         18:13 21:14,24           28:8,13 45:4         35:15 98:9         violates 59:14         120:1,2 125:22         18:13 21:14,24           121:21         vastly 50:2         virtue 27:20         12:23 128:5         37:21 39:8           units 36:25 43:6         95:14         visit 8:10 9:23         vanted 21:1         56:20 59:18,25           units 36:23         95:1,2,8         visited 99:19         wantes 59:9         67:10 79:12           unsegregated         99:14         15:18 16:1,22         15:18 16:1,22         visits 116:10         wasn't 21:4         124:19 126:18           unus	- 5 -		The second secon		
uni-pole 42:2,4         V         view 18:23         62:16 67:17         121:6 124:18           42:4,22,24         vacation 4:13         view 18:23         68:4,6 70:18         124:19 126:18           117 77:7         valuable 125:15         variance 84:3,23         viewshed 50:2         76:14 78:11         we're 4:22,25           11:21 13:6,14         variation 23:18         96:8 128:14         94:15,16         14:20 15:5,10           42:2         variation 23:18         violates 59:14         100:15 109:9,9         15:12,16 18:12           unique 27:25         35:15 98:9         violates 59:14         120:1,2 125:22         18:13 21:14,24           28:8,13 45:4         35:15 98:9         virtue 27:20         126:5 127:18         24:10 28:5,14           unistrut 25:6,7         vehicle 12:11         visit 8:10 9:23         129:13,20         40:3 47:4           unit 36:25 43:6         95:14         vehicles 94:25         33:22         visited 99:19         vanted 21:1         56:20 59:18,25           45:16         Verizon 1:5 4:2         visitors 92:4,10         99:18         varning 26:15         115:25 117:11           unsegregated         15:18 16:1,22         17:3 18:8,9,15         99:18         varning 26:15         121:16 123:3           99:14         19:2 21:9,		Ü			
V   Vacation 4:13   V   Vacation 4:13   V   Vacation 4:13   V   Vacation 4:13   Valuable 125:15   Variance 84:3,23   Village 11:23   79:22 85:15   11:21 13:6,14   Variation 23:18   Variation 23:18   Various 34:5   Vastly 50:2   Vastly 50:	Contracts (Auto-Auto-Auto-Auto-Auto-Auto-Auto-Auto-	90.7 111.23	,		
66:24         vacation 4:13         72:1 115:23         71:12 75:22         127:1,2,4           UNIDENTIFI         61:17 77:7         variance 84:3,23         viewshed 50:2         76:14 78:11         we're 4:22,25           11:21 13:6,14         42:2         variation 23:18         34:24 41:18         94:15,16         14:20 15:5,10           28:8,13 45:4         various 34:5         35:15 98:9         59:20         126:5 127:18         24:10 28:5,14           121:21         vastly 50:2         virtue 27:20         127:23 128:5         37:21 39:8           unistrut 25:6,7         vehicle 12:11         visit 8:10 9:23         vanted 21:1         54:16 56:13,16           43:7         vehicles 94:25         33:22         vastls 59:9         67:10 79:12           unnecessary         vendors 51:18         verizon 1:5 4:2         visiting 18:15         130:13         96:4,4 102:8           45:16         15:18 16:1,22         visitors 92:4,10         99:18         varning 26:15         118:8,19 119:5           unused 14:23         19:2 21:9,19         visits 116:10         wash't 21:4         124:10 126:11		V			See that private has a substitute of the first time.
UNIDENTIFI 61:17 77:7 uniform 19:21 42:2 unique 27:25 28:8,13 45:4 121:21 unistrut 25:6,7 78:4 unit 36:25 43:6 43:7 units 36:23 unnecessary 45:16 unsegregated 99:14 unused 14:23  Valuable 125:15 variance 84:3,23 viewshed 50:2 Village 11:23 34:24 41:18 62:8 79:14 62:8 79:14 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 100:15 109:9,9 15:12,16 18:12 120:1,2 125:22 18:13 21:14,24 120:1,2 125:22 18:13 21:14,24 120:1,2 125:22 18:13 21:14,24 120:1,2 125:22 18:13 21:14,24 120:1,2 125:22 18:13 21:14,24 120:1,2 125:22 18:13 21:14,24 120:1,2 125:22 18:13 21:14,24 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:22 120:1,2 125:25 120:1,2 125:22		vacation 4:13			
61:17 77:7         variance 84:3,23         Village 11:23         79:22 85:15         11:21 13:6,14           uniform 19:21         96:8 128:14         variation 23:18         Village 11:23         79:22 85:15         11:21 13:6,14           42:2         variation 23:18         variation 23:18         62:8 79:14         100:15 109:9,9         15:12,16 18:12           28:8,13 45:4         35:15 98:9         violates 59:14         120:1,2 125:22         18:13 21:14,24           28:8,13 45:4         35:15 98:9         virue 27:20         126:5 127:18         24:10 28:5,14           121:21         vastly 50:2         virtue 27:20         127:23 128:5         37:21 39:8           unistrut 25:6,7         vehicle 12:11         visit 8:10 9:23         vanted 21:1         54:16 56:13,16           43:7         vehicles 94:25         33:22         vanted 21:1         56:20 59:18,25           units 36:23         95:1,2,8         vendors 51:18         visited 99:19         wants 59:9         67:10 79:12           unsegregated         15:18 16:1,22         15:18 16:1,22         visitors 92:4,10         99:18         wasn't 21:4         118:8,19 119:5           unused 14:23         19:2 21:9,19         visits 116:10         waste 48:21 49:8         124:10 126:11			0.01.00.00.00.00.00.00.00.00.00	A	
uniform 19:21       96:8 128:14       34:24 41:18       94:15,16       14:20 15:5,10         42:2       variation 23:18       62:8 79:14       100:15 109:9,9       15:12,16 18:12         unique 27:25       various 34:5       violates 59:14       120:1,2 125:22       18:13 21:14,24         28:8,13 45:4       35:15 98:9       violates 59:14       120:1,2 125:22       18:13 21:14,24         121:21       vastly 50:2       virtue 27:20       127:23 128:5       37:21 39:8         unistrut 25:6,7       vehicle 12:11       visibility 121:1       visit 8:10 9:23       129:13,20       40:3 47:4         43:7       vehicles 94:25       33:22       vanted 21:1       56:20 59:18,25         43:7       vehicles 94:25       33:22       visited 99:19       wants 59:9       67:10 79:12         unnecessary       vendors 51:18       Verizon 1:5 4:2       86:15 99:24       visiting 18:15       30:13       warning 26:15       15:25 117:11         unsegregated       15:18 16:1,22       17:3 18:8,9,15       99:18       wasn't 21:4       121:16 123:3         unused 14:23       19:2 21:9,19       visits 116:10       waste 48:21 49:8       124:10 126:11			a sound of the control action for the section	A 1999/00/2015 1997 N. 1999 C.B.O.L.O.	
42:2         variation 23:18         62:8 79:14         100:15 109:9,9         15:12,16 18:12           unique 27:25         various 34:5         violates 59:14         120:1,2 125:22         18:13 21:14,24           28:8,13 45:4         35:15 98:9         59:20         126:5 127:18         24:10 28:5,14           121:21         vastly 50:2         virtue 27:20         127:23 128:5         37:21 39:8           unistrut 25:6,7         vehicle 12:11         visibility 121:1         129:13,20         40:3 47:4           78:4         18:17 86:15         visit 8:10 9:23         wanted 21:1         54:16 56:13,16           43:7         vehicles 94:25         33:22         121:10         60:1 64:11           units 36:23         vendors 51:18         visited 99:19         wants 59:9         67:10 79:12           unnecessary         vendors 51:18         Verizon 1:5 4:2         86:15 99:24         warning 26:15         115:25 117:11           unsegregated         15:18 16:1,22         17:3 18:8,9,15         99:18         wasn't 21:4         wasn't 21:4           unused 14:23         19:2 21:9,19         visits 116:10         waste 48:21 49:8         124:10 126:11					
unique 27:25         various 34:5         violates 59:14         120:1,2 125:22         18:13 21:14,24           28:8,13 45:4         35:15 98:9         59:20         126:5 127:18         24:10 28:5,14           121:21         vastly 50:2         virtue 27:20         127:23 128:5         37:21 39:8           unistrut 25:6,7         18:17 86:15         visibility 121:1         129:13,20         40:3 47:4           vsit 8:10 9:23         vanted 21:1         54:16 56:13,16           units 36:23         95:1,2,8         visited 99:19         vants 59:9         67:10 79:12           unnecessary         vendors 51:18         visiting 18:15         130:13         96:4,4 102:8           45:16         15:18 16:1,22         visitors 92:4,10         26:15         118:8,19 119:5           99:14         17:3 18:8,9,15         99:18         vasn't 21:4         121:16 123:3           unused 14:23         19:2 21:9,19         visits 116:10         vaste 48:21 49:8         124:10 126:11		variation 23:18		,	
28:8,13 45:4       35:15 98:9       59:20       126:5 127:18       24:10 28:5,14         121:21       vastly 50:2       virtue 27:20       127:23 128:5       37:21 39:8         unistrut 25:6,7       vehicle 12:11       visibility 121:1       129:13,20       40:3 47:4         vastly 50:2       vehicle 12:11       visit 8:10 9:23       wanted 21:1       54:16 56:13,16         unit 36:25 43:6       95:14       vehicles 94:25       33:22       121:10       60:1 64:11         units 36:23       vehicles 94:25       visited 99:19       vants 59:9       67:10 79:12         unnecessary       vendors 51:18       visiting 18:15       130:13       96:4,4 102:8         45:16       Verizon 1:5 4:2       86:15 99:24       visitors 92:4,10       26:15       118:8,19 119:5         99:14       19:2 21:9,19       visits 116:10       waste 48:21 49:8       124:10 126:11	17:0-100y 3	various 34:5			
121:21       vastly 50:2       virtue 27:20       127:23 128:5       37:21 39:8         unistrut 25:6,7       vehicle 12:11       visibility 121:1       129:13,20       40:3 47:4         78:4       18:17 86:15       visit 8:10 9:23       wanted 21:1       54:16 56:13,16         unit 36:25 43:6       95:14       10:2 14:1 16:6       65:22 115:15       56:20 59:18,25         43:7       vehicles 94:25       33:22       121:10       60:1 64:11         units 36:23       vendors 51:18       visited 99:19       vants 59:9       67:10 79:12         unnecessary       vendors 51:18       86:15 99:24       varning 26:15       115:25 117:11         unsegregated       15:18 16:1,22       visitors 92:4,10       26:15       118:8,19 119:5         99:14       19:2 21:9,19       visits 116:10       waste 48:21 49:8       124:10 126:11		35:15 98:9	1		
unistrut 25:6,7         vehicle 12:11         visibility 121:1         129:13,20         40:3 47:4           78:4         18:17 86:15         visit 8:10 9:23         54:16 56:13,16           unit 36:25 43:6         95:14         10:2 14:1 16:6         65:22 115:15         56:20 59:18,25           43:7         vehicles 94:25         33:22         121:10         60:1 64:11           units 36:23         vendors 51:18         visited 99:19         wants 59:9         67:10 79:12           unnecessary         vendors 51:18         visiting 18:15         130:13         96:4,4 102:8           45:16         Verizon 1:5 4:2         86:15 99:24         visitors 92:4,10         26:15         118:8,19 119:5           99:14         17:3 18:8,9,15         99:18         wasn't 21:4         121:16 123:3           unused 14:23         19:2 21:9,19         visits 116:10         waste 48:21 49:8         124:10 126:11		vastly 50:2		127:23 128:5	
78:4       18:17 86:15       visit 8:10 9:23       wanted 21:1       54:16 56:13,16         unit 36:25 43:6       95:14       10:2 14:1 16:6       65:22 115:15       56:20 59:18,25         43:7       vehicles 94:25       33:22       121:10       60:1 64:11         units 36:23       vendors 51:18       visited 99:19       vants 59:9       67:10 79:12         unnecessary       verizon 1:5 4:2       86:15 99:24       varning 26:15       115:25 117:11         unsegregated       15:18 16:1,22       visitors 92:4,10       26:15       118:8,19 119:5         99:14       19:2 21:9,19       visits 116:10       waste 48:21 49:8       124:10 126:11	unistrut 25:6,7	vehicle 12:11		129:13,20	
unit 36:25 43:6       95:14       10:2 14:1 16:6       65:22 115:15       56:20 59:18,25         43:7       vehicles 94:25       33:22       121:10       60:1 64:11         units 36:23       vendors 51:18       visited 99:19       vants 59:9       67:10 79:12         unnecessary       verizon 1:5 4:2       86:15 99:24       varning 26:15       115:25 117:11         unsegregated       15:18 16:1,22       visitors 92:4,10       26:15       118:8,19 119:5         99:14       17:3 18:8,9,15       99:18       vasn't 21:4       121:16 123:3         unused 14:23       19:2 21:9,19       visits 116:10       vaste 48:21 49:8       124:10 126:11		18:17 86:15		wanted 21:1	l _
43:7       vehicles 94:25       33:22       121:10       60:1 64:11         units 36:23       95:1,2,8       visited 99:19       wants 59:9       67:10 79:12         unnecessary       vendors 51:18       visiting 18:15       130:13       96:4,4 102:8         45:16       Verizon 1:5 4:2       86:15 99:24       warning 26:15       115:25 117:11         unsegregated       17:3 18:8,9,15       99:18       wasn't 21:4       121:16 123:3         unused 14:23       19:2 21:9,19       visits 116:10       waste 48:21 49:8       124:10 126:11	unit 36:25 43:6	95:14	10:2 14:1 16:6	65:22 115:15	,
unnecessary         vendors 51:18         visiting 18:15         130:13         96:4,4 102:8           45:16         Verizon 1:5 4:2         86:15 99:24         warning 26:15         115:25 117:11           unsegregated         15:18 16:1,22         visitors 92:4,10         26:15         118:8,19 119:5           99:14         17:3 18:8,9,15         99:18         wasn't 21:4         121:16 123:3           unused 14:23         19:2 21:9,19         visits 116:10         waste 48:21 49:8         124:10 126:11	43:7		33:22	121:10	
unnecessary         vendors 51:18         visiting 18:15         130:13         96:4,4 102:8           45:16         Verizon 1:5 4:2         86:15 99:24         warning 26:15         115:25 117:11           unsegregated         17:3 18:8,9,15         99:18         wasn't 21:4         121:16 123:3           unused 14:23         19:2 21:9,19         visits 116:10         waste 48:21 49:8         124:10 126:11	units 36:23	2 5	visited 99:19		The same of the sa
45:16       Verizon 1:5 4:2       86:15 99:24       warning 26:15       115:25 117:11         unsegregated       15:18 16:1,22       visitors 92:4,10       26:15       118:8,19 119:5         99:14       17:3 18:8,9,15       99:18       wasn't 21:4       121:16 123:3         unused 14:23       19:2 21:9,19       visits 116:10       waste 48:21 49:8       124:10 126:11		D. A. C.	visiting 18:15		4-02-03
99:14 17:3 18:8,9,15 99:18 wasn't 21:4 121:16 123:3 19:2 21:9,19 visits 116:10 waste 48:21 49:8 124:10 126:11	45:16	TO COLUMN THE PARTY OF THE PART	86:15 99:24		
unused 14:23 19:2 21:9,19 visits 116:10 waste 48:21 49:8 124:10 126:11			<b>visitors</b> 92:4,10		118:8,19 119:5
25.25.26.12.16			The same constraints		121:16 123:3
up-to-date 41:14   25:25 26:12,16   visual 124:24   123:14   126:22 128:15			7.12	TO BE THE REAL PROPERTY OF THE PERSON OF THE	124:10 126:11
	up-to-date 41:14	25:25 26:12,16	visual 124:24	123:14	126:22 128:15
			×		

128:17 129:21	70:21 71:1,2,5	worth 6:2 43:5	74:10 87:3	63:24,25 64:15
130:24	71:20	51:16 62:18	97:15	64:19,20,22
we've 55:16	wiring 45:12	126:24	zones 13:11	65:8 66:1,2,5,5
77:23,24	52:21 53:2,3	worthy 114:10	21:23,24	66:6,7,11,13
weak 37:23,25	withstanding	wouldn't 14:25	zoning 97:18	66:23,25
weather 25:20	83:11	29:19 65:7	101:6	<b>120-day</b> 128:14
week 30:4 33:7	witness 3:2 4:15	73:11 129:13	<b>zoom</b> 17:7 18:13	<b>128</b> 20:7
38:1	5:7 6:25 7:7	Wow 6:1		<b>13</b> 73:9
weeks 18:16	8:10,22 10:19	wrap 67:8 69:25	0	<b>130</b> 51:10 63:1,2
33:21	10:24 11:13	wrong 12:17	00162800	63:2 64:18,19
weight 45:16	24:2,6 28:12	45:4 60:3,18	132:16	64:22 65:1
60:8	30:23 31:4	66:19	1	66:6,13 67:12
welcome 4:4	32:8,21 37:2,9	wrote 130:9	11:6	69:12,13
40:16	42:1 44:11,15	X	<b>1,000</b> 91:4,6,10	<b>130-foot</b> 67:11
wells 93:9,14	44:18,20,25		10 49:9,25 50:13	69:20
94:13 102:9	46:10,12 50:24	X 1:7 3:1,9 62:4	50:18 51:5	<b>138-foot</b> 19:2
went 123:1	51:10,16 53:3	66:15,18 105:1	55:5 64:5,11	13KW 32:17
weren't 58:24	68:21 69:1,5,9	105:18,19	64:23 66:18,25	<b>14</b> 73:9
87:19	69:16 70:2,10	Xs 104:16,16,19	67:6,20 68:10	<b>140</b> 19:20,22
western 107:8,9	70:23 72:5,10	104:20	69:10,10 72:3	46:14,15 47:16
whatsoever	76:21 77:3	Y	72:5,8,15,17	47:23 66:8
92:13,23 93:13	78:7 79:2,10	Y 66:15	73:1 74:11,17	69:12
93:16	84:1 111:4	yard 12:8,8,10	78:1,3	<b>140-foot</b> 19:1
white 23:25	113:8 123:10	12:14,21 14:12	10-feet 25:15	34:3 110:9
35:23	126:25	21:16 88:10,13	10-foot 19:4,15	<b>150</b> 37:19 129:6
wide 16:17,18	witnesses 6:21	yard's 106:17	19:16 20:8	129:6
19:15 25:15	115:8	yards 87:25 88:3	42:12,12,16	150-foot 42:8
37:5 41:22	wonder 78:5	Yea 40:15 51:12	71:23 74:14	16 131:1
95:17,21	wood-board	51:15 65:5	78:8	160 50:8
101:19	16:8	77:13 105:17	10-inches 37:5,6	16th 113:22
wide-open 53:9	word 108:19	120:7	100 47:17 63:25	131:3,5
wider 105:9	120:13	yeah 54:14	64:1,2,21 66:2	17 1:6
width 87:9	words 5:4 34:20	55:16 63:23	69:11	<b>17-18</b> 1:4 4:2
willing 119:1	work 4:24 28:22	108:16 114:13	<b>108</b> 20:7	170 50:8
wind 28:17	45:18 47:15	115:13 116:23	10th 10:15	18 1:8 19:20
wire 37:19 38:6	55:20 62:3	117:24	<b>11:08</b> 131:10	35:11 128:19 129:11 130:18
39:13 44:14	67:18 71:16	year 40:25 107:4	110 37:13 63:2,3	
52:22 70:18,20	82:2,7,9,16,21	107:21,23	63:24 64:21	1800 101:14
71:7,13	84:13 115:25	years 8:15 36:22	66:5,11 67:12	1800-square 15:21 22:5
wireless 1:5 4:2	125:15,19,25	62:5,10 82:3	67:12,14,18	
8:2 13:14	127:4	82:10,13,15,19	73:2	85:11,21 86:1 86:18 101:13
15:18 16:1,23	worked 64:16	Yep 17:9	<b>118</b> 20:7	18th 131:2,3
18:7,9 20:10	70:11 71:17 workers 99:18	York 1:5 4:2	<b>12</b> 22:12 36:11	<b>19-99</b> 130:18
21:19,21,22			36:11,12,16	19-99 130.18
26:7,12,16	working 65:17 116:1	Z	39:6,15 47:1	17// 0.13
28:1,9,13 29:2 35:5 76:10	works 41:12	Z 66:16,18	72:25 73:8	2
81:9 91:3	97:11 117:1,5	zero 129:20,21	<b>120</b> 37:13 47:16	2 36:8
wires 44:24	118:20 130:5	zone 1:6 12:25	47:17,23,25	2-foot 37:5
WII CS TT.2T	110.20 150.5	13:4,7 14:11	50:8 63:1,8,18	
1	I	ı	I	L

				Page 1	.56
2,500-square	117:8 126:23	9	] [		
22:4	<b>48</b> 76:22	•			
<b>20</b> 19:15 64:5,11	49,000 40:25	9 74:12 77:24			
66:5,18 67:6	4th 11:13	78:2			
68:10 106:24		9-foot 25:15,16			
126:4	5	9:50 80:10			
<b>20-foot</b> 24:9	5 43:10 72:17,18	9:56 80:11			
2016 81:3,5,6,8	77:7,12	90 63:3 67:12,14			
81:11,14,20	<b>5-foot</b> 19:19	67:17 79:15 <b>90-foot</b> 47:19			
2017 80:21,22	35:9 79:17	908 1:23			
80:24	<b>50</b> 42:5,15 48:4	<b>98</b> 20:7			
2019 1:8 11:13	50:17 51:3	36 20.7			
128:19 129:11	64:6 76:24				
130:18	<b>50-foot</b> 42:7,9				
20KW 32:15	<b>500</b> 103:23				
<b>21</b> 1:9	<b>58dB</b> 31:15				
22nd 80:24					
<b>23</b> 31:11,14,18	6		6		
<b>24</b> 33:6	6 36:3 72:19,21				
27th 10:2 14:2	73:3				
	<b>6-foot</b> 16:19				
3	23:11 24:8				
<b>3</b> 43:11	72:20 101:19	2			
<b>3-foot</b> 79:17	60 15:17,20				
<b>30</b> 15:17,20 30:6	50:23,24 51:20				
67:20 126:24	70:1 76:19,24				
30-by-60-fenc	600 103:19				
15:9	64 31:19				
<b>30-feet</b> 101:19	642-4299 1:23				
<b>30-foot</b> 16:17,18	643-square 101:8				
30-kilowatt-g	<b>65</b> 19:11				
17:21	65dB 31:17				
30KW 17:21	030D 31.17				
29:21	7				
<b>30XI</b> 132:16	73:4				
<b>36</b> 3:5 43:12,14 46:20 76:21	<b>7:30</b> 75:9 131:2				
	131:5	ii .			
<b>36-inch</b> 53:10 76:18	70dBs 32:5				
<b>360</b> 48:16 89:5					
38-by-20 76:6	8				
36-by-20 70.0	<b>8</b> 1:6 36:3 77:23				
4	78:21				
4-foot 35:10	<b>8-foot</b> 16:8				
<b>40</b> 8:15 49:10	78:24				
51:2 63:10	8:05 1:10				
76:19	80 3:5 64:1,2				
43 101:25 102:2	65:10 66:3				
102:5	<b>88-foot</b> 20:22				
<b>45</b> 115:12,14					