

## **Transcript of Hearing**

Date: October 21, 2025
Case: Network Towers, LLC

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1	MONTGOMERY COUNTY OFFICE OF ZONING AND
2	ADMINISTRATIVE HEARINGS
3	x
4	IN RE:
5	APPLICATION OF NETWORK TOWERS II, : Case No.:
6	LLC : CU 26-02
7	x
8	
9	
10	
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12	
13	HEARING
14	BEFORE KHANDIKILE MVUNGA SOLONI, HEARING EXAMINER
15	Rockville, Maryland
16	Tuesday, October 21, 2025
17	9:35 a.m.
18	
19	
20	
21	
22	
23	Job No.: 602093
24	Pages: 1 - 127
25	Recorded By: Lee Utterback-Pair

1	Hearing, held at the location of:
2	
3	
4	MONTGOMERY COUNTY OFFICE OF ZONING
5	AND ADMINISTRATIVE HEARINGS
6	100 Maryland Avenue
7	Rockville, Maryland 20850
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12	Pursuant to agreement, before Lee Utterback-
13	Pair, Notary Public in and for the State of
14	Maryland.
15	
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1	APPEARANCES
2	
3	ON BEHALF OF THE APPLICANT:
4	SEAN P. HUGHES, ESQUIRE
5	MILLER, MILLER & CANBY
6	200-B Monroe Street
7	Rockville, Maryland 20850
8	301.762.5212
9	
10	ALSO PRESENT:
11	TY MCKINNEY - Witness
12	YAW OSEI BONSU - Witness
13	JAMES GOLDEN - Witness
14	RUSSELL HARTUNG - Witness
15	PAUL DUGAN - Witness
16	SAM AVERNA - Witness
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18	
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1	PROCEEDINGS
2	(Whereupon, the court reporter was duly
3	sworn.)
4	THE HEARING EXAMINER: Good morning. We
5	have convened here for a conditional use
6	application, Case Number CU2602, the Application of
7	Network Towers II, LLC. It's a public hearing
8	regarding the above referenced application for a
9	conditional use for a new telecommunications tower
10	and facility. With regard to the conditional use
11	application, the Applicant has the burden of
12	proving that the application meets the general
13	requirements and development standards, as set out
14	in the zoning ordinance. The general requirements
15	are laid out in Section 59.7.3.1.E of the zoning
16	ordinance. More specifically, per Section
17	59-3.5.2.C.2c, Where a telecommunications tower is
18	allowed as a conditional use, it may be permitted
19	by the Hearing Examiner under either Section
20	3.5.2.C.2D or Section 3.5.2.C.2A, Limited Use
21	Standards.
22	By way of an introduction, my name
23	is Khandikile Sokoni, K-H-A-N-D-I-K-I-L-E,
24	S-O-K-O-N-I. I'm sitting as the Hearing Examiner
25	in this case, which means that I will hear the

1 testimony. I'll review the evidence and I'll 2 render an opinion on the application pursuant to 3 the criteria set forth in the zoning ordinance. 4 I'll jump to the end real quick because, as far as 5 conditional uses go, this is a telecommunications 6 case so we are governed by a short clock. I just 7 want to make -- make sure I mention that we usually 8 have the record stay open for 10 business days for 9 purposes of accepting the transcript. 10 In this case, the record will be 11 held open for 10 business days for the limited 12 purpose of accepting the transcript -- I'll address 13 this again at the end in case there are any additional exhibits that need to be introduced --14 15 then I am supposed to render a decision within 10 16 days -- 10 calendar days from the close of the 17 record. By my calculation, my decision in this 18 case will be due on November 14th. If we keep the 19 record open for -- for 10 business days until 20 November 4th, and my decision will be due 10 days 2.1 after that, which will be November 14th. I'll get 22 to that at the end, just in case we have anything 23 that needs to be added to the record. I'd like to 2.4 turn to identification of the parties. Sir, go 25 ahead.

1	MR. HUGHES: Thank you, Madam Hearing
2	Examiner. Sean Hughes on behalf of the Applicant,
3	Network Towers. We do have I have potential
4	three witnesses here. I can introduce their names
5	now or when they come up. I I think also
6	there's a gentleman in the back from Public Safety
7	who I think is supportive of the application. And
8	I think there's also a neighbor who is here either
9	interested or perhaps with concerns.
10	THE HEARING EXAMINER: Thank you. We'll
11	get to specific identification of the witnesses a
12	little later on.
13	MR. HUGHES: Thank you.
14	THE HEARING EXAMINER: Do we have anyone
15	else? And I'm I'm checking. Zoom is running,
16	so we have could I just have a confirmation from
17	anyone on the Zoom just to make sure you can hear
18	us? Anyone on Zoom? Can we hear a sound just to
19	make sure you can hear us? Okay. I think I is
20	that a thumbs up? Yes. Okay. I see a thumbs up,
21	so I'm guessing they can hear us. Do we have
22	anyone appearing in opposition, either on Zoom or
23	in the room? One in opposition.
24	MR. MCKINNEY: Well, I came for the
25	purpose of listening to find out more about it.

1	I've read most of the information that was put out
2	on the website. I am a neighbor, so this is going
3	to be installed directly across the street from my
4	residence. So that is my concern. I have not yet
5	rendered an opinion one way or another.
6	THE HEARING EXAMINER: Okay.
7	MR. MCKINNEY: But I if there's a
8	possibility, I do have some additional commentary.
9	THE HEARING EXAMINER: Your name, sir?
10	MR. MCKINNEY: I'm Ty McKinney and I
11	my residence is 14212 Cape May Road, Silver Spring,
12	Maryland, 20904. Okay.
13	THE HEARING EXAMINER: If you if you
14	request to speak during the hearing, please let us
15	know, and then you identify yourself again at at
16	the mic.
17	MR. MCKINNEY: Yes, ma'am.
18	THE HEARING EXAMINER: But I'm hoping
19	that information, at least for the record for now,
20	is sufficient. I would just like to go over some
21	housekeeping rules. This is a hybrid hearing,
22	which means we are even though we are convened
23	in this hearing room. We have people on Zoom. To
24	the people participating electronically by Zoom,
25	please note that if you wish to speak, you have to

1	have your camera on. At all other times, please
2	keep your camera off and your microphone muted.
3	However, when it's time to speak, you have to
4	unmute yourself and turn your camera on.
5	We also ask that people kindly not
6	interrupt anyone else who is speaking unless you
7	are raising a legal objection. That's because the
8	crosstalk is very difficult for the court reporter
9	to to track. This we have a verbatim a
10	verbatim transcript being kept for this proceeding.
11	There is no video recording. The court reporter's
12	transcript will be the only official record of this
13	hearing.
14	And the chat function on Zoom is
15	disabled. If you wish to speak, kindly raise your
16	hand. I'm occupied with what's going on in the
17	room, so if we have a Zoom operator who will
18	assist, but if you're raising your hand and you
19	feel like no one's noticing, please just unmute
20	yourself and speak. You will not be able to share
21	a screen during this hearing. If anyone wishes to
22	have any exhibit referred to, please draw that to
23	my attention and we'll pull up the the relevant
24	exhibit.
25	This is an administrative hearing.

1	The order of things will be we'll have opening
2	statements from both parties. For now, it seems
3	like we have one party, the Applicant, but we
4	typically have opening statements from both
5	parties. We have the Applicant go first because
6	the Applicant has the burden of presenting their
7	case in chief. If there is any opposition, you
8	you may the opposition also has the right to
9	present their case in chief and each side presents
10	its witnesses and there's cross examination.
11	There's an option for cross examination. Please
12	note that cross-examination is limited to only the
13	matters raised in testimony, and then the Applicant
14	would have an opportunity for rebuttal.
15	Do we have any representatives of
16	the County present, either from the Department of
17	Permitting Services your name, sir?
18	MR. HARTUNG: I'm Russell Hartung,
19	Montgomery County Police, Fire, and Rescue,
20	Technical Support and Communications.
21	THE HEARING EXAMINER: Thank you very
22	much. Do you need any spellings?
23	THE REPORTER: Just his last name,
24	please.
25	MR. HARTUNG: H-A-R-T-U-N-G.

1	THE HEARING EXAMINER: Thank you very
2	much.
3	MR. HARTUNG: Thank you.
4	THE HEARING EXAMINER: Before we go into
5	the case in chief, are there any preliminary
6	matters, any new exhibits I need to know about?
7	Any just anything preliminary?
8	MR. HUGHES: Yes, Madam Hearing
9	Examiner, just a few quick things. The first one
10	is I wanted to provide the Affidavit of Posting.
11	Is it okay if I bring that up to you?
12	THE HEARING EXAMINER: Yes, please.
13	Thank you very much. Thank you.
14	MR. HUGHES: The second thing I'd like
15	to raise for your consideration and it's not
16	typical, but I don't think it's a big deal, but
17	it's certainly up to you. I was going to suggest
18	you consider if Mr. Hartung from Public Safety
19	could testify out of order due to his schedule.
20	And maybe he could go before me even because I
21	don't think he needs to hear our case per se. I
22	would offer the same to the resident, but I think
23	he wants to hear the case, but to be considered,
24	their times, I would offer that up for your
25	consideration.

1	THE HEARING EXAMINER: Because we do
2	have all the documents have been up on the
3	record, yes, I I certainly would grant the
4	the request to have Public Safety official go first
5	unless there are there any objections to that
6	from anyone? Hearing none, that's that is
7	granted. And like you said, I think the the
8	MR. HUGHES: Mr. McKinney probably wants
9	to listen
10	THE HEARING EXAMINER: Wants to hear it.
11	MR. HUGHES: but I'd like to offer
12	that to him if he would like to go first and and
13	decide how long he wants to stay.
14	THE HEARING EXAMINER: Sure. Now, that
15	said, if any if once we hear the case, if
16	after you know, if the witness that went first
17	has left and if there there are any questions
18	that arise that require his attention, I certainly
19	since the record will be kept open for 10
20	business days, we can ask for any written
21	clarification. So yes. That that that's
22	perfectly fine.
23	MR. HUGHES: Thank you.
24	THE HEARING EXAMINER: Yep. We I
25	should mention, I think there should be an

1	exhibit list. There was one at the yeah, the
2	one at the tables here. So as far as exhibits go,
3	I believe we are I just want to make sure I
4	enter this affidavit that you just handed me. I
5	believe that will go in as Exhibit 27, but let me
6	confirm.
7	MR. HUGHES: That's my understanding
8	too, Madam Hearing Examiner.
9	THE HEARING EXAMINER: All right. I
10	just you have
11	THE REPORTER: I only have 26.
12	THE HEARING EXAMINER: you have 26
13	exhibits. I believe there was let me just
14	confirm that. Are you able to pull up the exhibit
15	list, please? Okay. So we now have 26 exhibits.
16	There was a late addition the last addition
17	depending on when you last looked at the website,
18	just please note that Exhibit 26, which is a letter
19	of support from the Maryland State Senator that
20	has been added as Exhibit 26. That's entered into
21	the record as Exhibit 26. Although I should
22	mention, that's a letter that I think we did
23	have elsewhere in the record, but it was addressed
24	to
25	MR. HUGHES: I think this might be a

1	accord latter from the come constan
1	second letter from the same senator.
2	THE HEARING EXAMINER: This might be
3	this is a second letter.
4	MR. HUGHES: Yes.
5	THE HEARING EXAMINER: Okay.
6	MR. HUGHES: So probably similar in
7	nature, but yes. Different dates and
8	THE HEARING EXAMINER: Sounds good.
9	Could you kindly scroll up a little bit to the
10	letters? Okay.
11	MR. HUGHES: It might be perhaps it's
12	9?
13	THE HEARING EXAMINER: Okay. Could we
14	click onto 9, Letter of Support? Yes.
15	MR. HUGHES: Yes.
16	THE HEARING EXAMINER: Okay. So we
17	previously had a letter dated May 14th, 2025, from
18	the State Senator. And and so Exhibit 26 is a
19	supplemental is an additional letter. Okay. In
20	which case, the Affidavit of Posting that was just
21	handed to me is now entered into the record as
22	Exhibit 27. With that, I'll turn it to you, Mr.
23	Hughes, to call witnesses. And it sounds like the
24	first witness will be
25	THE REPORTER: Just a reminder, if you

1	could unmute your mic when you speak.
2	MR. HUGHES: Sorry. Thank you.
3	THE REPORTER: You you're all set.
4	THE HEARING EXAMINER: Okay. Thank you.
5	Thank you for that reminder.
6	MR. HUGHES: Not necessarily my first
7	witness, but perhaps Mr. Hartung is an interested
8	person to come up per your approval
9	THE HEARING EXAMINER: Sure.
10	MR. HUGHES: from Public Safety?
11	THE HEARING EXAMINER: Did you did
12	you have an opening statement?
13	MR. HUGHES: I I do.
14	THE HEARING EXAMINER: Okay.
15	MR. HUGHES: Should I hold that
16	THE HEARING EXAMINER: Would you
17	would you
18	MR. HUGHES: Okay.
19	THE HEARING EXAMINER: would you
20	kindly do the opening statement
21	MR. HUGHES: Yes.
22	THE HEARING EXAMINER: first, and
23	then we'll have
24	MR. HUGHES: Absolutely. Thank you.
25	THE HEARING EXAMINER: the witness.
	l l

1	MR. HUGHES: Good morning, Madam Hearing
2	Examiner. Sean Hughes from Miller, Miller, and
3	Canby our office is across the street on
4	behalf of the Applicant Network Towers, and they
5	are here on for their anchor tenant, Verizon
6	Wireless. Thank you for this opportunity. Our
7	case we do expect to have three witnesses and
8	their names are Mr. Jim Golden from Network Towers.
9	Mr. Golden officially retired just a few months
10	ago, but is back consulting because he was
11	instrumental in this case.
12	We have Mr. Yaw Bonsu, who's a
13	civil engineer on the project, and then we have a
14	Mr. Paul Dugan, who's a radio frequency engineer
15	from Millennium Engineering. We also have who I
16	do not necessarily expect to call, but Mr. Sam
17	Averna, who's here from Network Towers as well. As
18	as you were kind enough just to receive the
19	Affidavit of Posting. We have that now in the
20	case. I guess another question, these all the
21	exhibits that are listed, are they in the record or
22	do you need me to ask to move them in at some point
23	during the hearing?
24	THE HEARING EXAMINER: You why don't
25	you formally ask to move them in? They are

```
1
    considered in the record, but for the sake of
2
     formality, let's --
3
               MR. HUGHES: Thank you.
4
               THE HEARING EXAMINER: -- that -- those
5
    are the preliminary since there were no objections.
6
               MR. HUGHES: Thank you. I -- I would
7
    please ask that all 26 exhibits be officially
8
    entered into the record of this case.
9
               THE HEARING EXAMINER: Request granted.
10
    So all the records -- at this point, through
11
    Exhibits 27 has been --
12
               MR. HUGHES: 27. Sorry.
               THE HEARING EXAMINER: -- entered.
13
    all exhibits, 1 through 27, are entered into the
14
15
    record --
16
               MR. HUGHES: Thank you.
17
               THE HEARING EXAMINER: -- with no
18
    objections.
19
               (EXHIBITS 1 - 6, 6A - 6S, 7 - 21, 21A -
               21C, 22 and 23, 23A, 25, 25A - 25D, 26
20
2.1
               and 27 ADMITTED)
22
                           Thank you very much.
               MR. HUGHES:
23
    again, thank you. This -- this site is as noted --
24
    and -- and first of all, I'd like to thank the
25
    Planning Staff for a very thorough and complete
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1	professional report on this case, 2602. That is
2	Exhibit 24. And as they they do a nice job
3	summarizing it. This is a proposed to be
4	179-foot monopole with Verizon Wireless as the
5	anchor tenant. It is on the County property. The
6	subject property is the 14335 Cape May Road, Silver
7	Spring, which is right off of New Hampshire Avenue
8	and the ICC Route 200. It is an RE-2C Zone and it
9	is obviously a for conditional use, which is why
10	we're here today.
11	I would note that there will be
12	strong strong and ample testimony on behalf of
13	the need for this cell tower to provide enhanced
14	connectivity and services to the area. You'll hear
15	quite a bit of that from Mr. Golden and the long
16	search in this area to try to find an appropriate
17	site to provide this enhanced connectivity and also
18	for Mr. Paul Dugan and the radio frequency engineer
19	as to the need from a technical standpoint and for
20	the height of it.
21	And we would we were also very
22	pleased and thankful that the County process does
23	require an application first to what's called the
24	tower review committee. That's kind of its
25	informal name. It's technically called the

1	Transmission Facility Coordinating Group, but it's
2	really known in this County and beyond as the tower
3	review committee. And so, as is required, they
4	have that application process and they review it
5	from an engineering technical standpoint. And they
6	did provide a report, which is Exhibit number 4.
7	And they offered and they also offered their
8	recommendation of approval, a very strong
9	recommendation of approval.
10	And I would note on Page 2 of their
11	cover letter in that packet, they wrote a few
12	things of interest. I won't read all of it, but
13	just a few quick points. In the second paragraph,
14	under the bracket called Co-location Options, they
15	wrote in the second sentence, Our review also
16	considered 15 existing wireless sites within
17	one-mile radius of the proposed location. Along
18	with the maps, Verizon Wireless provided
19	explanations regarding reasons each site would not
20	be suitable or available for co-location or
21	reviewed and documented an application.
22	And then in the last two paragraphs, they
23	wrote, Our review of the application concludes that
24	there is a coverage gap in the area specifically
25	along Route 200, and a new site would be needed to

1 fill the coverage gap. The review included a 2 thorough examination of not only Verizon Wireless 3 technical evidence, but an assessment of existing 4 wireless sites in the area that might help -- that 5 might offer relief. However, our evaluation found 6 that no other sites were available to provide the 7 needed coverage. In conclusion, we find that the 8 proposed monopole structure will be able to provide 9 sufficient coverage to mitigate the existing 10 coverage gap. We recommend this application on its 11 merits from an engineering review perspective. 12 So very thankful of their thorough 13 review and professional review, and we agree with 14 it, and from a technical and independent 15 standpoint, we'll -- you'll hear testimony from our 16 perspective as well. But we do support that, and 17 as well as the Staff reports I mentioned in Exhibit 18 24, which we think is very thorough and complete. We've read through that in -- in detail, and we 19 20 think they did a fine job. We agree with their 2.1 analysis that we do meet each and every criteria 22 for the conditional use, the general criteria as 23 the Hearing Examiner noted at the beginning of 2.4 7.3.1 and also the specific telecom sections -- as 25 part of 3.5.5, et cetera.

1	And we also they as as the
2	Hearing Examiner is aware of, they also provided
3	their recommendations and conditions on Page 3 and
4	4 of their report. There are nine of those
5	recommendations, conditions, and we would be
6	pleased to accept all of those conditions if we're
7	fortunate enough to be approved here. We think
8	they're all reasonable and appropriate and we would
9	accept and comply with those conditions.
10	If I could, I'd like to look at a
11	visual and like to pull up the Staff report,
12	Exhibit 24, if we could. And then once we get to
13	that and I appreciate I'll I'll try not to
14	bounce around too much with the exhibits, sir, but
15	I I will do a little bit of that. But Page 6
16	and 8, I'd like to look at each of those in order
17	just to give an aerial of where it's located. And
18	so, I'll as I'm talking about this so is it
19	okay if I stand up then on occasion?
20	THE HEARING EXAMINER: Yes, please.
21	Uh-huh.
22	MR. HUGHES: Okay. Thank you. So as
23	you can see here, I'm looking at Page at the top
24	of this, it says 7, but in the Staff report, I
25	believe it's Page 6. Yes, Page 6 in the Staff

1	report. And so, you can see in the middle of it is
2	a big white bubble that says, Subject Property.
3	That's this is the Public Safety the County
4	depot. And the roads that we have here going north
5	and south it says 650, which is New Hampshire
6	Avenue, very pretty busy road. It goes well
7	through the County and beyond the County. And
8	going east and west is the ICC Route 200, which is
9	a 60-mile-an-hour six-lane road. And then,
10	obviously, you come in off of New Hampshire and you
11	take a right onto Cape May. And then quick
12	fairly quickly is the I believe it's
13	11-plus-acre County depot property that's been
14	there for, I believe, close to 30 years.
15	And so, what's interesting is you
16	come through and the site will be just on the south
17	side, just below the letter 1 in the middle of the
18	property. The proposed tower will be right about
19	there, and we will have some drawings that are in
20	the packet. We will we will drill drill down
21	a little bit more on the the compound in the
22	area. But that is the location and it's going to
23	you'll hear more about it, and the tower
24	committee was talking about it. There's a big need
25	around 200 and it will also provide very good

1 coverage in and around that area of the community 2 to north, to the south, to the east and west. 3 Now, you can see, especially to the 4 east, there's quite a bit of -- this is Montgomery County parkland to the east, and then also to the 5 6 immediate west, this parkland, that is undeveloped 7 County parkland. To the north there are some 8 residences. To the south immediately as I talked 9 about is Route 200. And even on the other side of 10 200, there's quite a bit of government trees and/or 11 parkland. 12 So if we could go skip ahead two 13 more pages. This is another area on the Staff 14 report areas -- thank you -- and this just kind of 15 zooms in a little bit on the property. You see, 16 come in Cape May, come into the -- the depot has 17 some buildings and they have some other structures 18 they put where they store equipment and materials. A lot of it, I think, is for sand and such for bad 19 20 weather. And here's the -- to the south, Route 2.1 The area that we're trying to put in, I'm 22 pointing to the third white building in the middle, 23 the small one. It's proposed to build right along 24 here, that's where the compound will be, and it 25 will fit in nicely. So it's -- the tower's almost

at the furthestmost (sic) part of of the
property, going towards Route 200.
And I'm sorry. I'm blocking you,
aren't I? Sir, can you see?
MR. MCKINNEY: No, I can see it. I know
I live there. I know where it is.
MR. HUGHES: Yes, sir. Okay. And so,
that's that's the location where we're going.
As I said, we believe it's a great location. We
we we're thankful of the support from the tower
review committee and from the Planning Staff. And
with that, that would be my opening statement,
Madam Hearing Examiner.
THE HEARING EXAMINER: Thank you.
MR. HUGHES: With your permission, which
I think you've granted, I guess we could see if Mr.
Hartung would like to speak first and with his
testimony, and he can leave, if he'd like, or stay
long as he wants.
THE HEARING EXAMINER: Sure.
MR. HARTUNG: Good morning, ma'am.
THE HEARING EXAMINER: Good morning.
MR. HARTUNG: I can stay
THE HEARING EXAMINER: If if you
could kindly press the on the microphone. There

we go. And for the record, you -- you -- you 1 2 introduced yourself earlier. Are we good on that? 3 Okay. Yes, please. 4 MR. HARTUNG: I am able to stay for the 5 entire hearing. Just ask if there are questions 6 I can certainly answer any questions that 7 come before. 8 THE HEARING EXAMINER: You're welcome. 9 MR. HARTUNG: So we take this 10 opportunity to support the tower for the Castle 11 Cliff -- Castle Cliff area. We in Public Safety 12 rely on all carriers, AT&T, Verizon, and T-Mobile. What they do is they provide services not only to 13 14 our cellular phones as backup or radio support if 15 the radio system fails. On our phones, we have a 16 app called Zello that goes right into the Public 17 Safety radio system, and that can be relayed 18 through cellular technology if our infrastructure 19 were to fail. The other thing that cell phones and 20 cellular carriers use with our equipment is our 2.1 LIFEPAK, our EKG monitors. An example would be if 22 you're having a cardiac emergency, we can transmit 23 your medical situation to the appropriate physician 2.4 who can then turn around and say, I want you to do 25 the following and transport to the following, which 1 is a lifesaving event. 2 The other thing we have in the community 3 of Cape May, Windmill Lane, Twig -- Twig Terrace 4 down into the park, we have the -- prevent the 5 911 call, where citizens have complained to the 6 sheriff, the police, and fire rescue about not 7 being able to dial 911 because of the lack of 8 cellular coverage in that area and the topography 9 of the community and how it goes down into the park 10 to the northwest branch. So without this technology, Public Safety users operate in a 11 12 deficiency in the performance of their duties, and 13 enhancing and putting the tower at the 200, at New Hampshire Avenue, would greatly support it. 14 15 The police department took upon 16 themselves, and we did an analysis of the Castle 17 Cliff Community and we had officers go out into the 18 community and try and use their cellular devices 19 that we provide them within the service of their 20 job. Within that, more than 50 percent of 2.1 everything from New Hampshire and Bonifant to Cape 22 May out to Briggs Chaney and that entire section 2.3 and the lower section going down towards Windmill 2.4 and down into the back towards the park was 25 difficult to get coverage and has no coverage at

1	all. So we have a heat map that we determined they
2	couldn't get out. So that's another reason why we
3	support the tower there at Cape May and New
4	Hampshire. It enhances our services. It supports
5	fire rescue with the sheriff and the police for
6	what we do. Do you have any questions?
7	THE HEARING EXAMINER: Do we have any
8	questions for for this witness? Any any
9	questions? No
10	MR. MCKINNEY: I have some comments I
11	would like to make, if that's okay.
12	THE HEARING EXAMINER: At at this
13	point, I restricted so if you have any of any
14	as as a member of the public, you can speak
15	after the case in chief is complete.
16	MR. MCKINNEY: Fine.
17	THE HEARING EXAMINER: If there are
18	questions specific to this witness, you may ask
19	them now.
20	MR. MCKINNEY: No.
21	THE HEARING EXAMINER: Okay. Thank you.
22	MR. HARTUNG: Thank you.
23	THE HEARING EXAMINER: Please stand down.
24	MR. HUGHES: Thank you.
25	MR. HARTUNG: Thank you.

1	MR. HUGHES: Hearing Examiner, I
2	first of all, thank you to Public Safety, for their
3	support and testimony. I also was remiss to not
4	it it came up, we talked about Exhibits 9 and
5	26, Senator Kagan's support letter. We appreciate
6	those sincerely. And there're also Exhibits 7 and
7	8, which are support letters from the City of
8	Rockville and the mayor of Gaithersburg. I also
9	know there was I'm trying to I don't know if
10	I'm missing it on the exhibit list. I have and
11	I believe it's in the record, but if it's not, I
12	can supply a copy. But we also have a support
13	letter or email from Councilwoman Mink, who
14	represents this district.
15	THE HEARING EXAMINER: I believe that
16	appears as I did see
17	MR. HUGHES: Yes.
18	THE HEARING EXAMINER: We we did not
19	receive one directly to OLSA (phonetic), but it was
20	it was actually I think by way of an email from
21	the Councilmember's office to the Applicant.
22	MR. HUGHES: To Mr. Golden, probably.
23	THE HEARING EXAMINER: Okay. So but
24	it's in there in a roundabout way. It's in there
25	as an attachment to the Staff report.

```
MR. HUGHES: Very good. Okay.
1
                                              Thank
2
    you. That's right. I appreciate that.
3
               THE HEARING EXAMINER: Certainly if you
4
    wanted to -- did -- so did you want to get a -- a
5
    direct letter from me?
6
              MR. HUGHES: No, I -- I think it's in
7
    there. That -- that serves the purpose.
8
               THE HEARING EXAMINER: Okay.
9
              MR. HUGHES: Thank you.
10
              THE HEARING EXAMINER: I believe it's in
    -- it's in one of the attachments to the -- to
11
12
    Exhibit 24.
13
              MR. HUGHES: That's right. That's
    right. Thank you. The other thing I'd like to
14
15
    address before I call my first witness is as -- as
16
    -- as you noted earlier, Exhibit 25, the Hearing
17
    Examiner's questions to our office. I -- I think
18
    it might be helpful for me to address at least
    those partially up front now. With your
19
20
    permission, I would do that --
               THE HEARING EXAMINER: Yes.
2.1
22
              MR. HUGHES: -- for your consideration?
23
               THE HEARING EXAMINER: Yes, please.
24
              MR. HUGHES: Okay. The first -- I'll --
25
    I'll start with the -- the last questions because
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```
that might be -- I'll start with that first, which
1
2
     is --
3
               THE HEARING EXAMINER: Are we able to
4
    pull that up? Exhibit 25?
5
               MR. HUGHES:
                           25.
6
               THE HEARING EXAMINER:
                                      That was an email
7
    that I sent just -- and I -- recognizing the fact
8
    that it's -- it's an extensive record so the
9
    answers may very well be in the record, but these
10
    are questions I had that I would like addressed.
               MR. HUGHES: Understandable. Yes. And
11
12
     so, the last question talks about reference to the
13
    parcel number and plat number and liber and Folio.
14
    And what I'd like to offer with your permission is
15
    almost a judicial notice. Some of this might be in
16
    the record, but there are four public documents
17
    that I could provide that -- first of all, I'll
18
     state those numbers for you, and then I'll provide
19
    the documentation -- the public documents that that
20
    goes up. And I guess what I would say is the
2.1
    parcel number is N, as in Nancy, 760.
                                            The plat
22
    number is 14092 P-A-R-A Good Hope. And the Liber
2.3
    and Folio are 5685105.
2.4
               And with your permission, I have --
25
    the first document is Montgomery County Zoning Map
```

1	from MC Atlas. It has some of this information on
2	it. And then I also have a copy of the plat that I
3	will provide. And this one is actually, again,
4	another public document. It's an agreement from
5	2014 between Montgomery County and WSSC regarding
6	their property. But what I note is in the in
7	the second paragraph it represents the Liber and
8	Folio for for the property. And then the last
9	document is the SDAT page. So with your probation,
10	I'll bring these up here.
11	THE HEARING EXAMINER: Yeah. Yes,
12	please. What I would propose is because they're
13	specifically in response to my questions, Exhibit
14	25, if we can enter them into the record as Exhibit
15	25A B, C, D, numbering them (indiscernible). So as
16	I take them, I I do want us to note what the
17	the first one I do
18	MR. HUGHES: Actually, let me do it I
19	think I let me give it to you in the order I
20	said it. I apologize for
21	THE HEARING EXAMINER: In in the same
22	page.
23	MR. HUGHES: This is what I call the MC
24	Atlas. A zoning map. A
25	THE HEARING EXAMINER: And that will be

-	
1	the MC Atlas zoning map will be entered as
2	Exhibit 25A.
3	MR. HUGHES: And then the plat for the
4	property.
5	THE HEARING EXAMINER: The plat will be
6	entered as Exhibit 25B.
7	MR. HUGHES: I'm just writing some of
8	this down. Excuse me.
9	THE HEARING EXAMINER: That's fine.
10	MR. HUGHES: And then C would be what I
11	termed the agreement for the property that shows
12	the Live and Folio.
13	THE HEARING EXAMINER: Okay.
14	MR. HUGHES: Recorded agreement.
15	THE HEARING EXAMINER: It's a recorded
16	agreement entered it's dated March 28th, 2014.
17	This will be entered entered as Exhibit 25C.
18	MR. HUGHES: And then and D would be
19	copy of the SDAT page for the property.
20	THE HEARING EXAMINER: And this will be
21	entered as Exhibit 25D.
22	MR. HUGHES: Thank you.
23	THE HEARING EXAMINER: And these
24	because they're all public records, we can take
25	judicial notice of them. I have physically entered

1	them into the record because you have them here,
2	but having the references, I guess we could have
3	pulled those up from the public record.
4	MR. HUGHES: Thank you. And then what I
5	would say as to the first question about whether,
6	Provide information that proposed use does not
7	require stormwater management approval or is exempt
8	from approval per DPS. I would like to provide two
9	items for Madam Hearing Examiner to consider. The
10	first one is, again, I think, something you could
11	take judicial notice from and Kumar Code Section
12	26.17.0 2.05, which is titled When Stormwater
13	Management is Required, and under B of that Code
14	section, it says, The following activities are
15	exempt from the provisions of this of this
16	chapter. And then two B2 says, Any development
17	that I guess there's a typo here, but it says,
18	Any development that do not disturb or maybe
19	that's right do not disturb over 5,000 square
20	feet of land area.
21	So you'll there's information in
22	the on our plan and you'll hear testimony that
23	the disturbed area is under 4,800 square feet.
24	That is that is on our drawings with Exhibit 6A,
25	the title page, which is called T1 in the top right

1	corner, where it says Site Information. It might
2	be left. I think it's I wrote right corner, but
3	it might be left corner, but under the area called
4	Site information. There'll be testimony to that as
5	well. And
6	THE HEARING EXAMINER: What is the
7	exhibit number?
8	MR. HUGHES: Yeah. Sorry. Exhibit 6.
9	So Exhibit 6 are are drawings and they go it
10	goes A through S. But this would be the page that
11	is Exhibit 6A, which is the title page, T1.
12	THE HEARING EXAMINER: Okay. And you
13	did mention that we'll have if we could have
14	testimony on that, that would be
15	MR. HUGHES: Yes, Madam Hearing
16	Examiner. And then one other thing I'd like to
17	provide that is in line with this and and
18	perhaps this is judicial notice because it's a
19	email from a public worker at DPS. But regardless,
20	I have a copy here for you. We have an email from
21	Mr. Andrew Kohler, senior permitting services
22	specialist, Water Resources Department of
23	Permitting Services for Montgomery County dated
24	August 5th of this year. And it's a pretty short
25	email. I I I will read it if I could.

1	Montgomery County Code Chapter 19
2	requires a sediment control plan when there's more
3	than 5,000 square feet of disturbance and/or more
4	than a hundred cubic yards of earth movement.
5	Since the amount you are at in this email below is
6	less than 5,000 square feet an engineered sediment
7	control plan is not required at this time. If you
8	were to go over 5,000 square feet, a water quality
9	plan, an engineered sediment control plan would be
10	required. Keep in mind, this work is within the
11	upper Paint Branch special protection area and may
12	have existing requirements for zoning and
13	impervious. However, without a a sediment
14	control plan, I do not think I'm the lead agency on
15	that (at this time.) If a water quality plan is
16	eventually needed, then we will need to have a
17	water quality pre-application meeting, which I will
18	coordinate. With your permission. I'll bring this
19	up as well.
20	THE HEARING EXAMINER: That will be
21	entered into the record as Exhibit 28.
22	(EXHIBIT 28 ADMITTED)
23	THE HEARING EXAMINER: Now, I I do
24	have a question. It doesn't have to be answered
25	right this minute, but given this, do we have a

1	condition proposed by Planning Staff that addresses
2	this? And if not, I I would be curious to hear
3	the Applicant's reaction. If I impose the
4	condition, we don't know what the decision's going
5	to be. But assuming there was an approval, how
6	would the Applicant react to a condition that
7	states specifically states that in the event
8	that the disturbance exceeded 5,000 square feet,
9	then a sediment control plan would be I mean,
10	it's it's it's
11	MR. HUGHES: It's a
12	THE HEARING EXAMINER: it's a
13	requirement of the law.
14	MR. HUGHES: Right.
15	THE HEARING EXAMINER: But
16	MR. HUGHES: Very fair and good
17	question, Madam Hearing Examiner. I don't believe
18	Staff put it in as a condition because of
19	because of the submittal showing that it's below
20	5,000 square feet. But to your point, we certainly
21	would not have any concern of a condition that we
22	have to comply with the law if it, for some reason,
23	becomes over 5,000 square we don't anticipate
24	that, but we would have no no problem with that.
25	THE HEARING EXAMINER: Okay. Thank you.

1	MR. HUGHES: The second question in
2	Exhibit 25 from from Madam Hearing Examiner was
3	provide height of the proposed equipment cabinets.
4	And you will have lot of testimony in that, but I
5	would also refer and again, there's a lot of
6	information in this file and a lot of drawings. So
7	it's Exhibit 6 again, which are the engineering
8	civil engineering drawings. But Exhibit 6H, which
9	is the compound plan and 6I. And they they show
10	that it is the cabinets are 6 feet, 2 inches in
11	height.
12	THE HEARING EXAMINER: Are you able to
13	kind of pull up Exhibit 6H and 6I?
14	MR. HUGHES: So
15	UNIDENTIFIED SPEAKER: I think it's the
16	next page.
17	MR. HUGHES: Okay.
18	UNIDENTIFIED SPEAKER: Next page.
19	MR. HUGHES: One more.
20	UNIDENTIFIED SPEAKER: One more.
21	MR. HUGHES: Oh, no. Okay. That should
22	have been H and I.
23	MR. BONSU: The equipment details are on
24	A2. That will show the height of the cabinet, if
25	that's what you're looking for.

1	MR. HUGHES: Which which page?
2	MR. BONSU: It's sheet A2. The drawing
3	stuff.
4	MR. HUGHES: My
5	THE HEARING EXAMINER: And we can we
6	can reserve if if
7	MR. HUGHES: My apologies.
8	THE HEARING EXAMINER: you want to
9	have one of your witnesses address that issue
10	UNIDENTIFIED SPEAKER: Yes.
11	THE HEARING EXAMINER: when we get to
12	it.
13	UNIDENTIFIED SPEAKER: Yes. Yes.
14	THE HEARING EXAMINER: Okay?
15	MR. HUGHES: Yeah. That's probably
16	faster than me fumbling right now.
17	THE HEARING EXAMINER: No, that's fine.
18	MR. HUGHES: Thank you. And their next
19	question was about show the setbacks for being more
20	than 1-foot for 1-foot of the height from all
21	property lines and dwellings. And so, we will have
22	testimony on that as well, but I will reference,
23	again, Exhibit 6, but this would be plan Page D,
24	overall site plan, which is on, technically, Page
25	Z2. And I can show where that is, but we'll have

1	testimony that there are arrows that show those
2	distances.
3	Should I wait on the live testimony?
4	THE HEARING EXAMINER: We can wait on
5	the testimony.
6	MR. HUGHES: Yes. Thank you. And the
7	last question was talking about explaining that
8	there's sufficient essentially sufficient space
9	on the pole and on the ground to meet the County
10	Code requirement of minimum of three wireless
11	providers. And we will, again, reference Exhibit
12	6H, the compound plan, but we will have live
13	testimony on that.
14	THE HEARING EXAMINER: Okay.
15	MR. HUGHES: So with that, thank you for
16	your patience, Madam Hearing Examiner. I can call
17	my first witness, which is Mr. Yaw Bonsu, the civil
18	engineer involved in this project.
19	THE HEARING EXAMINER: Okay.
20	MR. BONSU: Should I just sit anywhere?
21	MR. HUGHES: Yeah. Come see here.
22	Now, I should have mentioned in the
23	intro that everything all the witnesses that
24	testify will be testifying under oath and a an
25	omission here. I did not administer the oath for

the first witness, but since you're staying right
through at some point, you could step forward and
I'll do that. In the meantime, let me just
administer the oath here.
THE HEARING EXAMINER: So could you
please give us your your full names and
spellings?
THE WITNESS: Yes, ma'am. I hope
everyone can hear me okay. Good morning. My name
is Yaw Osei Bonsu. First name is spelled Y-A-W.
Middle name, O-S-E-I. Last name B-O-N-S-U.
THE HEARING EXAMINER: Thank you very
much. You may proceed with the testimony.
Thank you.
Whereupon,
YAW OSEI BONSU,
being first duly sworn or affirmed to testify to
the truth, the whole truth, and nothing but the
truth, was examined and testified as follows:
EXAMINATION BY COUNSEL FOR THE APPLICANT
BY MR. HUGHES:
Q Can you can you please tell us a
little bit about your educational and professional
background?
A Absolutely. So I started my

1	undergraduate degree in the year, 2010, at Clemson
2	University located in South Carolina. I finished
3	that in the year of 2014 in May. Started my career
4	at a small engineering firm in Baltimore, just
5	doing some general structural consulting on various
6	different you know, types of infrastructure,
7	residential, commercial, educational, et cetera. I
8	did go back to school in 2016 to obtain a master's
9	degree from Johns Hopkins University located in
10	Baltimore, Maryland. I completed that degree
11	successfully in 2018, the month of December. That
12	same year, I pivoted to the telecommunications
13	industry.
14	So after about four years of doing
15	general structural consulting, I proceeded with
16	about seven years of telecommunications, site
17	development you know, designing all types of
18	infrastructure towers, rooftop water tanks, you
19	name it. And I'm currently still employed in that
20	industry.
21	Q Thank you. During your seven plus years
22	in the telecom industry, how many cell sites like
23	this have you worked on, do you think? Or drawings
24	you've been involved with?
25	A Oh, too many to count with respectfully.

1	O It would be more than a degen? More
	Q It would be more than a dozen? More
2	than a 100, 200, 500? Hard to say?
3	A More than a 100.
4	Q Okay. And have you have you ever
5	testified at hearings like this before or is this
6	new for you?
7	A Yes, I have testified at hearings.
8	Q Do you know if you've ever been
9	recognized as an expert?
10	A Yes.
11	Q And do you recall what it was, if you
12	recall?
13	A I believe it was a new tower going up
14	across the Bay Bridge and I was called upon to
15	you know, discuss the site you know, similar as
16	from
17	Q As a civil engineer expert?
18	A Yes, sir.
19	Q Okay. I'm hearing
20	THE HEARING EXAMINER: Before before
21	what jurisdiction? Which body were you testifying
22	before?
23	Q Was it Queen Anne's is that what you
24	said?
25	A Queen Anne's County. Apologies.

1	Q In Maryland?
2	A Yes, sir. Yeah.
3	Q Eastern Shore? Okay.
4	MR. HUGHES: Now, Madam Hearing
5	Examiner, I would reference that his bio or resume
6	is part of Exhibit 23, which was our pre-hearing
7	statement. And while I don't think it's crucial in
8	this case, I would ask that you recognize him as an
9	expert in civil engineering and wireless
10	infrastructure telecom tower design.
11	THE HEARING EXAMINER: Request is
12	granted.
13	MR. HUGHES: Thank you.
14	Q Okay. So can you we're going to
15	we're going to be referencing the drawings,
16	correct? Which are Exhibit 6. Is that your
17	understanding?
18	A Yes.
19	Q Okay. And I would say, if you could
20	just tell us a little bit about the site, and if
21	there's a particular page, you think will be
22	helpful as you're explaining this. If you could
23	tell us so that we can make it clear in the record
24	and the the Hearing Examiner and her Staff can
25	also perhaps put the page up and and if you

```
1
    think it's helpful, you could stand up and point to
2
     it. But essentially, I just want you to paint the
3
    picture and tell us what we're proposing here from
4
    a civil and design standpoint at the property and
5
     inside the property?
6
               Absolutely. I would like to kindly
7
    request that we pull up the aerial plan on Sheet
8
    Z-5.
9
              Okay. So that will be -- let me go.
         0
10
    Now, here's your plan.
                             The --
11
          Α
               The 6G.
12
               Okay. Yes, 6G. Thank you. You're
     faster than I am. And if you could flip it when
13
    you get it to -- you're probably ahead of me on
14
15
    that.
16
          Α
               Sure.
17
               There you go. Can you actually zoom out
          0
    a little bit initially? Just a little bit more.
18
    Okay. Is it -- is that's -- that's as far as it
19
20
    goes, I think, right? Okay, great. All right.
2.1
    Yes, sir.
22
               Okay. So as Mr. Sean kindly described
23
    earlier, we have a -- you know, a general area -- I
24
    believe it's a depot -- you know, various different
25
    buildings acting as some type of storage facility.
```

1	Network Towers is proposing to lease two areas, one
2	33 by 48-foot long compound here, kind of on the
3	north or north-south west, trying to trying to
4	get my directions right. And then a separate area
5	that will house four propane tanks. One currently
6	being proposed and three in future. The 33 by
7	48-foot compound will be a shared compound with
8	three telecommunications areas. We will have a
9	179-foot monopole kind of in the northeast corner,
10	and then subsequent three different lease areas to
11	house equipment for powering the equipment,
12	bringing fiber to the equipment, so on and so forth.
13	There will be also a power source
14	located within this fence compound. It's about a
15	four gang meter stack, if I remember correctly.
16	Each of those meters will serve each respective
17	carrier, kind of as a measurement for how much
18	power they're drawing to power their equipment.
19	And I believe the fourth one will be left open for
20	you know, future use.
21	The fence is a 7-foot chain link
22	fence, but there will be vinyl slats installed on
23	it. I can testify to that a bit later. There's a
24	sheet later in the set. But that that purpose
25	is to primarily hide all equipment inside of the

1	compound. As we commonly mentioned earlier, the
2	cabinets for our anchor tenant, Verizon, were about
3	6-foot 2-inches tall, which is pretty much right in
4	line with the top of the slider fence. There will
5	be some barbed wire on top of the fence that
6	projects above about a foot or so to prevent you
7	know, any disturbance or access from the public.
8	If you could kindly flip to 6H, Sheet C1?
9	Okay. So this is pretty much a blow-up
10	of the area where we're just looking at on the
11	area plan with perhaps a few more details and
12	annotations. So you can see the monopole indicated
13	with this radial diagram here in the northeast
14	corner of the compound. We have three different
15	lease areas currently you know, planned to be
16	occupied. Our anchor tenant is on the west side
17	here. You can see their cabinets are you know,
18	shown kind of graphically with these two rectangles
19	here.
20	We have an ice bridge to provide a
21	path for our cabling to travel from our cabinets to
22	the tower, and then up the tower to our equipment.
23	We have a pad in the back for a generator for
24	backup power. And then the four gang meter stack
25	at the top of the compound that I described. And

1 then if you -- in the northeast corner, we have our 2 separate lease area with the propane tanks, one 3 proposed and two future. Actually I apologize. 4 said three future earlier. 5 Thank you. And -- are you -- so your 6 design that you're looking at right there, a 7 compound plan Page --8 Α Correct. 9 -- which we said is -- 6H, that we're 10 looking at. You mentioned it can hold three providers' equipment on the ground is in your --11 12 you're -- you're comfortable with that -- that -that's sufficient? 13 Correct. They are graphically shown 14 Α 15 with these rectangles here. Verizon is currently 16 proposing a 12 1/2-foot by 21-foot. Then we have a 17 future 12 by 20 and a future, 10 by 15. 18 Very good. And could -- what about --19 could we look at the next page, which is 6I, the 20 tower elevation? And can you tell us a little bit 2.1 about the pole and what it's designed to hold? 22 Absolutely. So the pole will be a 23 radial, hollow, multi-sided or smooth round steel 24 structure, 179-foot tall. Each carrier would 25 propose to take a different elevation within their

1	respective envelope with a little bit of separation
2	in between the two. The pole would be designed for
3	all of the critical and pertinent atmospheric
4	events, such as ultimate in design wind speeds,
5	atmospheric ice loading, and, of course, it's on
6	self (indiscernible).
7	Q So go ahead. Keep going. Sorry.
8	A I was just going to talk talk a
9	little bit about how those loads are generated and
10	the design of that. So wind speeds are actually
11	based on experimental data. 25, 50-year and a
12	100-year events and we design for the worst case.
13	Q And so, it shows at least that the pole
14	will hold at least three providers or three
15	platforms; is that correct?
16	A Correct. With some you know,
17	sufficient reserve capacity for good engineering
18	judgment.
19	Q Okay. Very good.
20	BY MR. HUGHES: And can you I'm also
21	going to ask you if we could jump to back to 6D,
22	which is the overall site plan?
23	THE HEARING EXAMINER: Sorry. Before we
24	leave that
25	MR. HUGHES: Yes.

1	THE HEARING EXAMINER: exhibit, a
2	quick question.
3	THE WITNESS: Yes, Madam.
4	THE HEARING EXAMINER: There's a note.
5	On the note it says, I I'm seeing a double
6	negative. I want to make sure I so there's your
7	little box there with the note, No tower
8	elimination is not required or proposed.
9	THE WITNESS: Yeah.
10	THE HEARING EXAMINER: That first note
11	in the box?
12	MR. HUGHES: Oh, good question. Thank
13	you.
14	BY MR. HUGHES:
15	Q Is is thank you. That was a
16	question I meant to ask. Will this tower require
17	lighting? Is it your understanding it will not
18	require lighting; is that correct?
19	A That is my understanding pertinent
20	you know, pertinent upon you know, direction
21	from the FAA.
22	Q And is it our position, which is, I
23	think the County Code, that if for some reason FAA
24	requires it, we would comply, but our analysis is
25	showing that it's not required. Is that your

1	understanding?
2	A Absolutely and gladly.
3	Q Yes. Okay. And and once the site is
4	built, are you familiar with how often it might be
5	visited?
6	A Yes. So our techs do like to not
7	all, but our techs do like to come and you know,
8	examine the site, check the tower for plumbness.
9	That's about every three to five years for the TIA
10	Code. Also, as it pertains to the ground
11	equipment, the backup generators do like to be
12	tested you know, once a month or once every two
13	months or so.
14	Q Okay.
15	A But that wouldn't require any climbing
16	of the tower or anything.
17	Q Okay. Okay. And it's an unmanned
18	facility; is that correct?
19	A Correct.
20	Q Okay. And it's pretty quiet and silent,
21	is that fair to say? The compound?
22	A Yes. Especially given that our
23	equipment is so high up on the tower, any sound
24	would really be close to none.
25	THE HEARING EXAMINER: This this

1 testing you're talking about is -- in terms of 2 Staff -- you know what -- I know you said one to 3 two times a month. How -- what's the -- what's the 4 size of a crew? How long will they be there? 5 give us a sense of what the maintenance or testing 6 is like? 7 MR. BONSU: Yeah, sure. Are you 8 referring to the backup generator I was describing? 9 Like the testing of that? BY MR. HUGHES: 10 Well, it -- it -- let -- let's answer as 11 12 best you're comfortable. Mr. Golden can also 13 elaborate on that as well. Yeah. 14 Α But as best you can answer to any of the 15 16 visits, I think the Hearing Examiner's trying to 17 figure out how many people typically come? How many vehicles? If you're familiar with that, 18 great. If you're not sure, that might be for 19 another witness? 20 2.1 Yeah, sure. I can speak to it a little 22 bit. In my experience, it's usually, they bring a 23 truck. It's usually one or two techs at a time. 2.4 They'll come --25 Q Technicians?

1	A Sorry. Technicians. Yes. Sorry. I'm
2	using abbreviations. They'll turn on the generator
3	just to make sure it's working fine. That usually
4	runs about 30 minutes to an hour, and then they
5	leave the site, so the generator is a little
6	noisy if you're familiar with you know,
7	generators on how they behave. But again, it's not
8	an extended period of time, just
9	Q When when would the generator come on?
10	A If there was any knockout to the power
11	source that's coming in from Pepco, which is the
12	power provider at this site and the generator would
13	automatically switch on.
14	Q So typically it's during an emergency
15	situation when power's not to the area?
16	A Correct.
17	Q To allow the cell service to continue;
18	is that correct?
19	A Correct.
20	MR. HUGHES: Thank you. Any other
21	questions on this page, Madam Hearing Examiner?
22	THE HEARING EXAMINER: No. Thanks.
23	MR. HUGHES: I would ask to see 6D,
24	please, the overall site plan.
25	Q On this Page I know there's a lot of

1	information on this. It's it's probably easier
2	for someone like you who's an expert in this area,
3	but can you tell us if it shows and where it shows
4	and if so, what the numbers are related to
5	setbacks to each direction for the property lines
6	and also to the nearest offsite residence?
7	A Yes. So we have our property line kind
8	of denoted by this dash line that kind of runs
9	around the perimeter of the property. We have a
10	208.5 dimension from the outside of the tower to
11	the property line on the south side. We have
12	another I believe that's a 651-foot five
13	dimension to the north side of the property line.
14	This is majority a wooded area back here, and then
15	on the north side, the nearest residence is
16	780-foot 0.2-feet. Just correct me. I think
17	that's an 8 or a 6.
18	Q And then you also have is it correct
19	you have a Line 317 to the east, going up to the
20	east?
21	A Correct.
22	Q And then to the the closest to the
23	south, southwest is can you read that number?
24	It might be hard.
25	A Yeah, 181.2 feet. Can I have that sheet

1	as well? Clarity on that.
2	MR. HUGHES: Can Madam Hearing Examiner
3	see those, or do you want him to point
4	THE HEARING EXAMINER: On mine it looks
5	like 181.2.
6	MR. BONSU: Yes.
7	THE HEARING EXAMINER: Yes.
8	MR. HUGHES: Very good. Let me madam
9	Hearing Examiner, give me one second. Those might
10	be my questions for Mr. Yaw.
11	BY MR. HUGHES:
12	Q Is there anything else you wanted to add
13	about the the I think you've covered it, but
14	is there anything else you wanted to add about the
15	design or or the compound?
16	A No. I just want to reiterate that the
17	tower will be, you know, designed, signed, and
18	sealed by a structural engineer licensed in the
19	state of Maryland who will go through all the
20	proper permitting processes. In addition to that,
21	each carrier component to go on the tower will be
22	required to submit a set of construction drawings
23	with similar analysis to go through the same
24	motions as far as permitting and approval goes.
25	Q One second, please. There is a

1	condition of approval that Staff has recommended,
2	Planning Staff, Number 3, that says, At the
3	completion of construction, before the support
4	structure may be used to transmit any signal, and
5	before the final inspection required by building
6	permit, Applicant must certify to the Department of
7	Permitting Services that the height and location of
8	the support structure conforms with the height and
9	location of the support structure on the building
10	permit. If we're fortunate enough to be approved
11	in that condition as one of those, is that
12	something that you and your team and your company
13	would agree to?
14	A Absolutely. And to go a step further,
15	the construction companies that are hired to
16	install the tower and all the equipment, they are
17	required to submit a closeout package that comes
18	with photos, measurements of everything that was
19	installed in the area that we can use to confirm
20	that information.
21	Q And there's also a Condition number 6
22	that said, The support structure must be removed at
23	the cost of the owner of the telecom tower when the
24	telecom tower is no longer in use by the wireless
25	communication carrier for more than 12 months. Is

1	that a if we're approved and that's a condition,
2	is that something your company would also agree to,
3	or Network Tower would agree to?
4	A Yes.
5	Q Thank you.
6	MR. HUGHES: Madam Hearing Examiner,
7	those will be my direct questions for this witness,
8	please.
9	THE HEARING EXAMINER: Can I just try
10	and find something on the setbacks?
11	MR. BONSU: Yes, ma'am.
12	THE HEARING EXAMINER: Please let me
13	know if I'm wrong, but I it it sounds to me
14	like the Applicant is proposing to comply with
15	stricter setbacks than is required by the zoning
16	ordinance. And the my question is based on the
17	fact that I mean, when you have a property, you
18	have a main structure, and then you have accessory
19	dwellings, and the setbacks differ
20	MR. BONSU: Yes.
21	THE HEARING EXAMINER: based on
22	you know, the setbacks for the accessories will be
23	less stringent than, say, the setbacks for your
24	primary structure. So are these thank you so
25	much for pointing out the setbacks, but what are

```
1
     for someone who's trying to figure out, is this
2
     strict? Is it -- is this what is required? Is it
3
    stricter? Is this less stringent?
               MR. HUGHES: Could -- could I add a
4
5
     little bit to that information?
6
               THE HEARING EXAMINER: Yes, please.
7
              MR. HUGHES: Yes.
                                  So -- yeah, so what's
8
    required is one for one, so 179 feet to each
9
    direction. And so, to the north, which is where
10
    the residences are, we're at 651 feet, which is
    three and a half times the setback distance. So
11
12
    again, that's 179. We have to be at least 179 to
13
    meet the requirement of the Code, and we are at
14
     651, which is three and a half times. And then to
15
     the east is 317, so, you know, that's not -- you
16
    know, we have to be 179, so that's adding another
17
    hundred and almost 40 feet to that direction.
18
               Now, to the south and southwest,
19
    which we're closing up on, getting close to the
20
     ICC, is less. We're still meeting those at 280 and
2.1
     181, but we -- again, that's what -- part of the
22
    reason why we're so pleased with this site, is it's
23
    serving this need, but it's also backing up to the
    rear of the property, which backs up to the ICC and
24
25
     as -- as far -- almost as far away on this property
```

1	as we can be from the residences to the north. And
2	it has to be 300 feet away from the closest
3	residence, and we are 780 feet, which is again
4	about over two and a half times the required
5	distance.
6	THE HEARING EXAMINER: Thank you. And
7	that's you your in your professional
8	assessment, you're agreeing with that analysis?
9	MR. BONSU: Yes, that would be
10	consistent with my opinion as well. You know, we
11	generally place this with (indiscernible) in mind.
12	Obviously, there's a lot of residences up here, and
13	we picked a you know, a location that was as far
14	away from that as possible within the compound that
15	would jibe with all our designs as far as where
16	we're bringing power and fiber in from.
17	THE HEARING EXAMINER: Thank you. And
18	I'm assuming you've you've reviewed the Staff
19	report, Exhibit 24. Is there anything in the Staff
20	report that stands out to you as something you
21	disagree with, or are you in agreement with the
22	Staff analysis in the Staff report?
23	MR. BONSU: I haven't reviewed it in too
24	much detail, so I'll have to look at that.
25	MR. HUGHES: I would just, add as a team

1	we have. And as I mentioned earlier, if we're
2	fortunate enough to be approved here, we would
3	gladly accept all the conditions of approval from
4	the Staff.
5	THE HEARING EXAMINER: Okay. Thank you.
6	No no further questions from me.
7	MR. HUGHES: No? Thank you.
8	MR. BONSU: Okay.
9	MR. HUGHES: Thank you.
10	MR. BONSU: Okay.
11	MR. HUGHES: Appreciate it.
12	MR. BONSU: Yeah, thank you.
13	MR. HUGHES: I would call my next
14	witness as Mr. Jim Golden.
15	THE HEARING EXAMINER: As as as
16	any of the expert witnesses are being qualified, if
17	you could kindly pull up their respective resumes
18	that are attached to the the pre-hearing
19	statement is Exhibit
20	MR. HUGHES: 23, I think.
21	THE HEARING EXAMINER: 23, and these
22	these resumes are attached to that.
23	MR. HUGHES: Yeah. Thank you, Madam
24	Hearing Examiner. And I apologize. Did you swear
25	everyone in, or do you need to

1	THE HEARING EXAMINER: I need to swear
2	every witness in, so I'll do that now. Could you
3	please state your full names for the record?
4	MR. GOLDEN: My name is James Golden.
5	THE HEARING EXAMINER: Spellings?
6	MR. GOLDEN: G-O-L-D-E-N.
7	Whereupon,
8	JAMES GOLDEN,
9	being first duly sworn or affirmed to testify to
10	the truth, the whole truth, and nothing but the
11	truth, was examined and testified as follows:
12	BY MR. HUGHES:
13	Q Mr. Golden, can you please tell us a
14	little bit about your educational and professional
15	background?
16	A Yes. I a BS in economics. Graduated
17	in 1983. I started working at Verizon in 1994. I
18	spent 25 years at Verizon.
19	Q And just for clarity, Verizon
20	A Wireless.
21	Q is the current name now?
22	A Yeah.
23	Q But it had some prior names, but it's
24	all been essentially
25	A Yeah.

1	Q Verizon or Bell Atlantic or
2	A Yeah. I started at Bell Atlantic, then
3	Bell Atlantic Mobile Systems, then Verizon
4	Wireless, Bell Atlantic's Atlantic's Mobile, and
5	finally Verizon Wireless since 1999. Just one
6	pointer. I don't think my whole resume got got
7	put on there correctly.
8	Q I think that's my mistake.
9	A I I have a I have a copy I can
10	can add.
11	THE HEARING EXAMINER: You can we can
12	take that. And would you like us to do a
13	substitution or just you know what I will do?
14	If we can take that, we'll supplement this would
15	be Exhibit as a pre-hearing statement, it's
16	Exhibit 23. We can make this Exhibit 23 23A.
17	So if if you do want to supplement your
18	MR. GOLDEN: Yeah, I I would.
19	THE HEARING EXAMINER: Yes.
20	MR. HUGHES: I apologize. I know I have
21	I brought some copies of his resume.
22	MR. GOLDEN: You can just take this.
23	MR. HUGHES: Well, if you all right.
24	Let me hand this in here, over here.
25	THE HEARING EXAMINER: So anything

1	that's been provided in hard copy here will need
2	MR. HUGHES: Electronic.
3	THE HEARING EXAMINER: an electronic
4	submission as well.
5	MR. HUGHES: Okay.
6	THE HEARING EXAMINER: I'm entering into
7	the record the an additional resume for Mr.
8	James Golden, and this will be entered without
9	objection as Exhibit 23A.
10	MR. HUGHES: Thank you.
11	BY MR. HUGHES:
12	Q And Mr. Golden, tell us, you've been
13	working in wireless for nearly 30 years; is that
14	correct?
15	A Correct.
16	Q And how many projects like this do you
17	think you've worked on over those years, if you
18	could guesstimate?
19	A Personally, I've worked on hundreds, and
20	my team when I've managed a team of real estate
21	construction and engineering, it was probably 1,000
22	of new cell sites in the in the five-state area
23	of around D.C.
24	Q And when you say new cell sites, you
25	mean brand new towers?

1	A Brand new brand new towers.
2	Q Okay.
3	A And and some co-locations on existing
4	
5	Q So co-location is when a tower or a
6	building or a water tank are existing, and you put
7	the antennas on that; is that correct?
8	A Correct.
9	Q Okay. So you think on new towers like
10	this and antennas going on an existing structure,
11	you've worked on thousands?
12	A Over 1,000, and then at we've done
13	probably 10,000 upgrades on
14	Q What's what's an upgrade?
15	A An upgrade to like, when we were
16	upgrading from 1X analog to digital, 2G, 3G, 4G,
17	and 5G.
18	Q So is it fair to say that's when you go
19	to an existing cell site, telecom site, and you
20	kind of upgrade the equipment?
21	A Exactly.
22	Q Okay.
23	A Yeah.
24	Q Okay.
25	A I've been involved with multiple stadium

1	sites in the Washington, D.C. area, M&T Bank, FedEx
2	Field; done a number of trials, 5G and 4G trials
3	over the years. We were the first market to do 4G
4	in the United States. My team and I were proud of
5	that. So I've I've managed real estate
6	construction engineering for about 20 years
7	Q Okay.
8	A in five states.
9	Q Have you ever testified in hearings like
10	this before?
11	A Yes, Montgomery County in the 90s and
12	Queen Anne County recently in last summer.
13	THE HEARING EXAMINER: And and you
14	have been qualified before the Montgomery County
15	Boards as an expert?
16	MR. GOLDEN: Yes. Yes.
17	THE HEARING EXAMINER: Okay. Do you
18	have a case number you could that that
19	that that you might recall, a case name?
20	MR. GOLDEN: Avenel was the the site.
21	MR. HUGHES: I could probably pull that,
22	but I guess I would for for your with your
23	consideration, I may offer him as an extra witness
24	in in telecommunications real estate, although
25	again, in his case, I don't think it's crucial, but

1	it would be nice. We can try to pull that, because
2	I I wasn't involved in that case. That was a
3	long time ago. I don't know if he was officially
4	recognized as an expert or just somebody with a lot
5	of knowledge on that case and in the wireless
6	industry.
7	THE HEARING EXAMINER: Are you seeking
8	to have him qualified as an expert in this case?
9	MR. HUGHES: I I would I would ask
10	for your consideration that he be recognized as a
11	after his 30-plus years 1,000 plus sites, as
12	expert in telecommunications real estate.
13	THE HEARING EXAMINER: Okay. Your
14	request is granted.
15	MR. HUGHES: Thank you.
16	BY MR. HUGHES:
17	Q Mr. Golden, you're familiar with this
18	project; is that fair to say?
19	A Yes. I've been involved with this
20	project, well, for a long time. Back in 2006,
21	Verizon issued the ring for this area.
22	Q Can you tell us what a ring is?
23	A Yeah, a search ring is issued by the
24	radio frequency engineers to target an area for a
25	new site.

1	O And that I a to anhance the wineless
1	Q And that's to enhance the wireless
2	coverage where there's it's not
3	A Right.
4	Q deemed not sufficient?
5	A Exactly. So that was issued in 2006, so
6	but the the location was so difficult that
7	there was a lot of starts and stops to the to
8	the to trying to find the site. And then most
9	recently, when at at Network Towers, I was
10	brought in and targeted the Colesville Depot site
11	as as the best solution after close to 20 years
12	of not only Verizon, but AT&T and T-Mobile trying
13	to find a site in the area. So we we looked at
14	probably 15 15 sites in the area within a mile
15	radius of of where we're at right now. We we
16	were looking at everything from community centers,
17	churches, parks, elementary school, a small farm,
18	and all of them did not pan out either because they
19	couldn't get zoned, the landlords wouldn't agree to
20	a a lease, or the County did not want to lease
21	at that time, so keep going?
22	Q Very good. No, that's good.
23	A Okay. Good.
24	MR. HUGHES: I would reference Exhibit
25	Number 4, the Tower Review Committee report. And

1	if we could pull that up, it's a big packet, but I
2	believe it's only on Page 4.
3	Q Is it your understanding that the Tower
4	Committee report on Page 4 lists 12 nearby
5	alternatives that were considered, and briefly
6	explains why they were all deemed insufficient; is
7	that your understanding?
8	A Yeah. So this list is actually from
9	AT&T. They provided a list, and I'll get into it
10	later, but these are the these are the these
11	are most of the properties that were looked at.
12	There's actually a couple more including and a
13	location of MNCPPC property in the area.
14	Q When you say MNCPPC, is that
15	A Yeah, I'm sorry.
16	Q no. That's Maryland-National Capital
17	Park and Planning Commission, which is also known
18	as Park and Planning or the Planning Department in
19	Parks.
20	A Yes.
21	Q Is that fair to say?
22	A Yes.
23	Q Very good. So bottom line here, it
24	sounds like this is something you're familiar with.
25	It's been worked on for nearly 20 years and had a

1	lot of challenges for, I guess, many reasons; is
2	that fair to say?
3	A Yeah. The difficulty of trying to find
4	a site to serve the area, especially when probably
5	90 percent of 90 percent of the area is parkland
6	and MNCPPC doesn't like cell sites on these Spring
7	Valley parks. So we basically had limited options.
8	And it wasn't it wasn't until we went back to
9	the County in in I guess it was September of
10	2023 when we contacted Tom Williamson of the
11	Montgomery County Real Estate Department, we posed
12	the going we posed I think AT&T was rejected
13	on the Colesville Depot site at one point, we went
14	back and asked again if we could do it, to go on
15	that site.
16	It was the best location. It was
17	industrial nature, and it was far far away from
18	farthest away of any property from residential.
19	And we asked about him getting us approval to do
20	that. So in September, 2023, we sent a proposal to
21	him. He brought it to his superiors. The
22	Colesville Depot manager on site approved us and
23	let us let us move forward. And then in
24	January, 2024, the County executive's chief of
25	Staff, at at the request of a number of people,

1	including Councilperson Mink and Senator Barbara
2	Kagan, allowed us to present our case to them.
3	And we presented our case and in
4	and that was in January of 2024. And that took
5	and that's when Russell Hartung came and he
6	presented his case to the County, as well, and we
7	proceeded to negotiate with the County at that
8	point. It took about four or five months, but the
9	County executive obviously was approving it of us
10	proceeding. So that was a big change in in the
11	history of this this project.
12	So by August of 2024, we had signed
13	a letter of intent with the County, and we had a
14	right of entry agreement to start engineering. And
15	by June, 2025, we finally got Tower Committee
16	approval. That's the long and short of everything.
17	So it's been it it took a long time to
18	get to this point and it took about a year since we
19	got the the you know, the informal approval
20	from the County to proceed.
21	And so, I think we've got a lot of
22	obviously a lot of support for it. And of all
23	the sites that I've done recently in years, it's
24	it's probably the best site for what we're doing
25	because it's industrial nature and there's already

1	big trucks running in and out. It's pretty much
2	hidden from three sides from the during the
3	the residential area to the north, there's a lot of
4	trees. And you go three feet one way, you don't
5	see it. You go 10 feet the other way and you don't
6	see it. So that's that's pretty much the
7	summary of how we got through that.
8	Q So so is it fair to say that whenever
9	you're trying to build a new tower, like, there's
10	certain real estate zoning and construction
11	considerations that have to be evaluated?
12	A Yeah.
13	Q And so, this one, a a big one was the
14	real estate consideration. Because the County has
15	to be careful that it can fully utilize its
16	properties for its needs, correct?
17	A Correct.
18	Q So I guess it sounds like after talking
19	to them multiple times, they found a way to provide
20	enough space to do their operations and allow this
21	tower site to be on the site; is that correct?
22	A Yeah. The location we ended up at was
23	within a curved area that was backed up against the
24	storage white storage units there. We're not
25	we're not going outside of any area. The it

1 it was already exactly -- it was already stoned in 2 and they had -- they were storing containers there. 3 They're gone today. I drove by. But we're not --4 we're not taking any really usable space so much. 5 There was some difficulties in that 6 there was a lot of drainage pipes that were running 7 through. And you might have seen in that -- that 8 -- one of the exhibits where there's black lines 9 running through in a number of ways. So we had to 10 strategically fit the location and be able to allow to have the three carriers enough space, and then 11 12 we had to go to another area for the propane tanks. So all in all, it's -- it's -- we've -- we've 13 14 pigeonholed into a great location, enough space for 15 everything to work. 16 Very good. Thank you. And earlier, I 17 referenced the Tower Committee Report Exhibit 4. And I -- I read that the -- in the second to last 18 19 paragraph, Page 2, The review included a thorough 20 examination of not only Verizon Wireless technical 2.1 evidence, but assessment of existing wireless sites 22 in the area that might offer relief. However, our 2.3 evaluation found that no other sites were available 2.4 to provide the needed coverage. And I guess that's 25 what you've said. You -- you concur with that

position by the Tower Committee? 1 2 Yes, I concur. And that ties into Page 4, which was up 3 there, the 12 and also the other items that you --4 5 you noted, there were other considerations, other sites; is that fair to say? 6 7 Α That -- I concur with that, yes. 8 MR. HUGHES: Madam Hearing Examiner, he 9 was talking about the location a little bit. I'd 10 like to, if I could, refer to Exhibit 19, which is the photo simulation. 11 12 And if I could, Mr. Golden, can you tell us when we say photo simulations, what is that? 13 How is that created? 14 15 Yeah. So we have a -- a -- we have 16 internal and external professionals that do -- they 17 -- they -- we raise a balloon. We take a laser and -- and -- and determine the height of it. And then 18 19 they -- the balloon is three feet in diameter so it 20 gives us some -- gives us the ability to -- to --2.1 to do the photos sims so it's to scale. And then 22 we -- at -- I think we picked a lot of the sites, 23 but we also went to the Staff, County Staff, and --24 and picked all the locations that, by the -- by the Code, it has to be within a mile, within one mile. 25

And and so on this particular Exhibit 19 here
Q And what is this is the aerial with
the map? Is that what this
A This is this
Q this this page of Exhibit 19?
A this this identifies all the
locations we took pictures from.
Q And in the bottom right hand corner it
says, Castle Cliff location map just to identify
this?
A Yeah. And and then red is is
non-visible and green is visible. And so, as you
can see, there's view 1 is on the ICC entrance
ramp to the south of the site, and then View 2 and
View 4 are on Cape May Road. And View 3 is on the
road behind there. And then View 5 was across New
Hampshire. And that view, view shed, was across
Hampshire. And that view, view shed, was across  New Hampshire and through telephone pole lines and
New Hampshire and through telephone pole lines and
New Hampshire and through telephone pole lines and all that.
New Hampshire and through telephone pole lines and all that.  Q And Mr. Golden, I'm we're going to go
New Hampshire and through telephone pole lines and all that.  Q And Mr. Golden, I'm we're going to go through the photos sims rather quickly in a moment.
New Hampshire and through telephone pole lines and all that.  Q And Mr. Golden, I'm we're going to go through the photos sims rather quickly in a moment.  A Okay.

1	A I would say, yes, it it cannot be
2	it no, it could not be seen from the ground
3	because of the the structures around it and the
4	trees around it, so
5	Q Okay. But with most towers, at some
6	certain vantage points, because they do have
7	height, if you're looking for it it can be seen
8	from certain vantage points; is that fair to say?
9	It's not that it's invisible?
10	A Yes.
11	Q But per this map, it shows gives an
12	idea of where it might be visible and where it's
13	not visible; is that fair to say what this map
14	summarizes, that you just testified to?
15	A Yeah. Yeah, it was the the
16	terrain in this area is very, very it's not flat
17	at all. So there were there were areas I
18	thought you would be able to see, but you couldn't
19	because of the trees, and then the the elevation
20	changes. So other than, obviously, the the
21	neighbor across the street, there was some it
22	was so close even with the large trees.
23	Q And is is it your understanding that
24	this tower will not require lighting at the top?
25	A It won't require a light. We've already

```
1
     reviewed that and there -- it doesn't have to be
2
     registered or have a light because it's under 199
3
     -- 199 feet.
4
               And then there's additional criteria,
          0
5
     though?
6
          Α
               Pardon?
7
          0
               Some -- some -- some towers under 199
8
     feet might have to be lit if they're near airports
9
    or flight paths or something.
10
          Α
               Right.
               But you've done enough review for this
11
          0
12
     one that it's not required here?
               Right. We have -- we have a -- we've
13
          Α
     done the -- now -- we haven't -- we haven't --
14
15
               MR. GOLDEN: We -- we filed it?
16
               MR. AVERNA: Uh-huh.
17
               MR. GOLDEN: And we got it back?
18
               MR. AVERNA: Yep.
19
          Q
               All right.
20
          Α
               All right. We have -- we're fully
2.1
     approved --
22
               You have -- FAA reviewed it?
          Q
23
          Α
               We have FAA approval (indiscernible).
24
               That no lights -- okay. So our position
          Q
25
    here is it's not required per the FAA, the federal
```

1	government. If, for some reason, at some point it
2	was required, we would certainly comply with the
3	law. But that's not what's going to happen
4	A Correct.
5	Q under the current situation?
6	A Correct.
7	Q And obviously, since it's no lights,
8	when it's dark out it's not going to be visible,
9	correct?
10	A Maybe from ambient light from the depot,
11	but I don't think so.
12	Q Okay. All right. And can you tell us a
13	little bit about how often it's visited and what
14	it's visited for?
15	A Yeah, sure. Once the site is built, the
16	it's it's every couple of months, actually,
17	on the carrier side, on the Verizon side, AT&T and
18	all. Everything is done remotely now. 20 years
19	ago, there would be a lot more visitation. There
20	is no landscaping or there is no grass cutting or
21	anything required. As far as the the generators
22	will run every in the case of Verizon, it's
23	every Tuesday, 3:00, and they're running remotely.
24	If there's a problem with the
25	generator, like Yaw was saying Yaw excuse me

```
1
     -- they will send a tech out, a technician out.
2
    But there is basically no traffic from the three
    carriers. Unless they're upgrading the site,
3
4
    they're changing antennas or changing equipment
5
     inside the cabinets, there is nobody really coming
6
    there more than -- you know, at the most once every
7
    month or two.
8
               Okay. So it's unmanned and has very
     limited visits --
9
10
          Α
               Right.
               -- because the electronics, I guess, are
11
12
    dealt with remotely is what you're saying?
               Yeah. Through fiber, yes.
13
14
               Okay.
          Q
15
               And then the two parking spots the
16
    County gave us, we don't -- we're not required to
17
    have -- you know, pup the spots. But they -- they
18
    wanted to make sure that they noted where we were
19
    parked.
20
               MR. HUGHES: Madam Hearing Examiner,
2.1
    would you like us to walk through the photos sims
22
    rather quickly or -- or since they're in the
23
    record, is that sufficient for you?
2.4
               THE HEARING EXAMINER: I -- I think
25
     that's sufficient.
```

1	And I'd just, while we have you on
2	the front lines, clarify. So in terms of in
3	in your assessment, can you think of any public
4	facilities that are required to support this? You
5	know, I mean, if we are dealing with a residential,
6	for instance, you worry about things like, you
7	know, fire department and schools and, you know,
8	the pedestrian access. So for this kind of
9	facility, what public are there any public
10	facilities that that that are needed
11	to support this?
12	MR. GOLDEN: No.
13	BY MR. HUGHES:
14	Q You don't need water?
15	A No, we don't need water.
16	Q You need power, correct?
17	A We need power. We need electric power.
18	We've got a pass
19	Q Although that's private, a private
20	company.
21	A Right, right.
22	THE HEARING EXAMINER: Private?
23	MR. GOLDEN: Yeah. There is no well,
24	we're actually doing a a service through the
25	the the people on the at the depot. All the

```
1
    workers there can't -- they can't -- they can't
2
    receive phone calls inside the building. All the
     -- they have -- they -- they use all three carriers
3
4
    and they -- they complained about the service.
5
    they were happy to see the service -- you know, the
6
     -- the site being done there because it helps them
7
    do their job, as well.
8
    BY MR. HUGHES:
9
          0
               Because it's unmanned and silent,
10
    essentially, very little public services are
    needed. However, the Staff report, I believe
11
12
    Exhibit 24, again, does talk about that the closest
13
     fire department is about 1.5 miles away, Hillendale
14
    Fire Department; is that -- is that your
15
    recollection?
16
               Yeah, I -- I believe so.
17
               So to Madam Hearing Examiner's
          0
18
    questions, these are -- well --
               There's -- there's also no cost to the
19
          Α
20
     -- to the County or the public. So our company
2.1
    would pay for all the -- all of the costs for the
22
     installation. The carriers would pay for their
     installation. So there's no cost to -- to the
23
24
    public at all.
25
          Q
               Thank you. I'm going to ask you some
```

1	other questions related to the zoning Code, Mr
2	Mr. Golden. Is it your understanding that the
3	Tower Committee recommendation was drafted within
4	the 90-day time period of acceptance of the
5	application, you're in compliance with that, is
6	that your understanding?
7	A Yes.
8	Q And and
9	A We just one. We did go back. We got
10	approved, and then went back to make make sure
11	it was within 90 days of us filing. So we went
12	back. We went through twice.
13	Q The most recent time being in June,
14	correct?
15	A Yeah. They concurred, yeah, June.
16	Q Okay. And is it your understanding that
17	as Staff wrote in their Staff report, Exhibit 24,
18	Page 23, that it is not in the historic area. Any
19	scenic setback would include the master plan area;
20	is that correct?
21	A That's correct.
22	Q And you already heard the testimony
23	about the setbacks to the distances in the
24	residences, and you concur with those, that those
25	are all met and exceeded in most cases?

The -- and I just want to add one 1 Α Yeah. 2 thing, that the -- the location that we ended up at 3 was at the County suggestion, and it met -- it --4 it didn't interfere with their ongoing business or 5 work, and it did meet and exceed all the setbacks 6 that were required, so it worked out perfect. 7 Okay. And certainly, as you've met --Q 8 you've testified you worked closely with the County 9 on this application, and they obviously are 10 supportive in part of this review and application 11 submission; is that correct? 12 Α That's correct. And Mr. Golden, a Code section states 13 0 14 that the support structure must be identified by 15 assigned two square feet or smaller fixed to 16 support the structure, or any equipment building. 17 Sign must identify the owner and the maintenance 18 service provider of the support structure or any 19 attached tenant. Provide the telephone number or 20 person to contact during -- regarding the 2.1 Sign must be updated and Hearing structure. 22 Examiner notified within 10 days of any change of 23 ownership. Is that -- if -- if you're granted

approval, would you comply with such a Code

requirement and/or condition?

2.4

25

1	A Yes.
2	Q Okay. And also each telecom tower owner
3	is responsible for maintaining it in a safe
4	condition. Would the network towers commit to such
5	Code requirement and/or condition of approval?
6	A Yes, we would.
7	Q And you're certainly aware that this and
8	as Staff is supported in in their recommendation
9	of approval, that this RE-2C zone does allow a
10	tower via this conditional use process?
11	A Correct.
12	Q And I would reference you to Staff
13	report Exhibit 24, Page 30, which I think you're
14	familiar with where it talks about required minimum
15	lot areas development standards, minimum lot areas,
16	minimum setbacks, maximum height, vehicle parking.
17	The Staff report on that page shows that you are in
18	compliance with all those. Do you concur with that?
19	A Yes, I concur.
20	Q Thank you. You had already mentioned
21	this, but the no parking spaces are technically
22	required for Telecom Tower; is that correct?
23	A Correct.
24	Q But even so, the County was kind enough
25	to provide two spaces that you you guys would

1	utilize as needed. Is that fair to say?
2	A That's correct.
3	Q Okay. And regarding landscaping,
4	outdoor lighting, Staff wrote in their report that
5	due to the nature of tolerance operations, outdoor
6	lighting is not needed nor proposed, but the
7	application existing on site lighting will remain
8	unchanged. Do you support that and agree that
9	lighting is landscaping I'm sorry that
10	yeah, the landscaping and lighting is sufficient?
11	A I do.
12	Q Okay. And and it was already
13	testified too about the fencing around the
14	compound. Did you you concur that Staff wrote
15	that no additional screening is required. Would
16	you concur with that Staff wrote that on Exhibit
17	24, Page 31? Do you concur?
18	A I would concur and I I would say that
19	there really wouldn't be any room to do any
20	additional screening. It was
21	Q Would it serve any would it serve any
22	purpose? Tell tell us what's around? What
23	how where it could be visible, the ground
24	compound?
25	A It it based on the setbacks we're

```
1
     -- we're up -- we're up against the existing curb
2
    where there isn't any landscaping and the -- the
     only place you'll see the equipment from
3
4
    potentially as you're driving down the ICC at 70
5
    miles an hour --
6
               To -- to the south?
7
          Α
               To the south. But you won't see it from
8
     the north where the neighbors are.
9
          0
               The ground compound?
10
          Α
               The ground compound.
               And again, to the south is the ICC, but
11
          0
12
     there are still some trees that need --
13
               The trees there as well.
          Α
               So it'd be challenging to see --
14
          Q
15
          Α
               Yes.
16
               -- the grounding there. Okay.
17
     you. And about signage. You're not required --
18
     you're not requesting any signage other than what
    was mentioned before that's required by the County;
19
     is that correct?
20
2.1
          Α
               Correct.
22
               And Staff wrote in Exhibit 24, Page 31
23
     through 32, about conforming with the
2.4
     recommendations of the master plan. They did a
25
     very thorough review of that. Some of what they
```

1	wrote is, The project is compatible with the
2	surrounding area, will not hinder the residential
3	appearance of the neighborhood nor require
4	minimization of impact from lighting, signage, or
5	other physical improvements. Do you concur with
6	Staff's detailed review that it does comply with
7	the Cloverly master plan?
8	A I agree. I concur.
9	Q Thank you. Staff also did an extensive
10	review on Page again, Exhibit 24, Page 32
11	through 35, about the site being harmonious with
12	and will not alter the character of the surrounding
13	neighborhood in a manner inconsistent with the
14	plan. Some of what they wrote was, The towers
15	proposed height, setbacks design, location,
16	brackets, within the site. And within the general
17	neighborhood context along with existing trees and
18	landscaping will allow the facility to blend
19	appropriately with the surrounding neighborhood.
20	Would you agree with that?
21	A I would agree.
22	Q And they they wrote further, While
23	telecom tower cannot be fully screened from view
24	above the tops of the surrounding tree line, this
25	site in particular will not have a negative impact

1 on the area as it generates negligible traffic, 2 does not require parking, will not generate noise, 3 vibrations or odors. The extensive tree covering 4 area, the abiding Maryland 200 highway to the south 5 and large setbacks will screen the project from the 6 road in private property and will contribute to 7 some screen there, concealment of the tower. 8 you also concur with that? 9 I would, yes, I concur. 10 Thank you. Staff also noted on Page 33 of Exhibit 24, That this site will not when 11 12 evaluated conjunction with existing and approved conditional in the uses in this neighboring 13 residential detect zone, increase the number 14 15 intensity or scope of the conditional uses 16 sufficiently to affect the area adversely or alter 17 the predominantly residential nature of the area. 18 Would you concur with that? T would. 19 Α 20 And they -- and they wrote -- they went 2.1 on the note that the majority -- okay. No, let me 22 skip that. Staff also on Pages 34 through 35, did 23 extensive review about adequate public facilities, 2.4 which the Hearing Examiner was asking about 25 earlier. And -- and this was on Page 34 through

1 Do you support their view that there was, you 35. 2 know, limited need for public facilities and that 3 it -- it -- it would pass any adequate facilities 4 required here as a result? 5 Yeah. I think we're taking a very 6 minimal area and everything else is -- is being provided by the us and the carriers. 7 8 Ο Yeah. 9 So it's a facility. 10 It's an unmanned facility, it is not an 11 office with people? 12 Yeah, there's very little traffic. noise is like an air conditioner. As far as the 13 14 equipment goes, it's like a home air conditioner 15 when it's on and there's no smell, there's nothing 16 impactful to the neighbors or the community. 17 Thank you. And is it your understanding 18 in this case a preliminary plan of subdivision is not required? 19 20 That's right. Α 2.1 And we've had multiple discussions, I 22 think about the limited number of traffic, but you 23 guys did have to supply a transportation exempt --2.4 exempt -- exemption statement. And that usually is 25 granted if there's fewer than 50 weekday peak hour

1 trips. Is it -- so you certainly qualify that 2 since you mentioned it's usually a trip once every 3 month or two. Is that fair to say? 4 Α Yeah. I -- I concur with that. 5 Staff also did an extensive review on 6 again, Exhibit 24, Pages 35 through 37, about 7 potential harm to neighbor as a result of 8 non-inherent and in -- in combination of inherent 9 adverse effects. And they -- they concluded, 10 Considering existing service shortages identified 11 with the plan area. The provision of the proposed 12 tower will provide a necessary neighborhood service and support the health, safety, and welfare of the 13 14 neighboring residents. There are no expected 15 impacts to the neighborhood's public realm. 16 Overall Staff determine proposal will not have any 17 non-inherent effects at this location that exceed typical conditions. Would you support and agree 18 with that assessment? 19 20 I would agree to that. And I -- I would Α 2.1 also like just to make -- make a note that 22 Councilperson Mink and her Staff, Chris William, 2.3 are -- had -- they've had a number of requests from 2.4 the community to improve coverage at the -- at the 25 local schools and in the -- the area of the -- the

1	community center of Good good Hope Community
2	Center, and that she I think she described it as
3	an equity thing that there was that the
4	residents need the coverage and they deserve the
5	coverage and if we're able to provide it, she
6	completely supported it. And she wrote that in our
7	letter, I think. So so yes. Like, I I
8	concur with that. And I think I think that the
9	the the large amount of the communities
10	asking for it.
11	Q Thank you. And we're almost done with
12	Mr. Golden. Again, on Exhibit 24, Staff are on
13	Page 37, That the proposal is for the operation of
14	unmanned telecommunications tower with a within
15	a fenced area of an existing maintenance depot and
16	no reconstruction alteration of any existing
17	structures proposed. Do do you concur with that
18	statement?
19	A I concur with that, yes.
20	Q And is it your position that this tower
21	facility at this 11 plus acre government depot that
22	backs up the route 22, blends inappropriately?
23	A I do. I think it's a good good
24	location for this type of installation.
25	Q Thank you.

1	MR. HUGHES: Madam Hearing Examiner,
2	those would be my questions direct questions
3	from Mr. Golden.
4	THE HEARING EXAMINER: Thank you. Do we
5	have any member of the public wishing to
6	cross-examine this witness? You may step forward.
7	And may I ask maybe not necessarily. I don't
8	know which witness would address this, but I know
9	that there's a condition in the proposed by Staff
10	around the forest conservation plan. So I would
11	like someone to speak to forest conservation plan
12	applicability or none, you know, just sort of to
13	speak to any requirements of the forest
14	conservation plan.
15	MR. HUGHES: I may keep him up here if I
16	could then.
17	THE HEARING EXAMINER: Okay. Do you
18	want to do that before the cross examination starts?
19	MR. HUGHES: Is is that okay?
20	THE HEARING EXAMINER: That's fine.
21	BY MR. HUGHES:
22	Q Okay. Mr. Golden, is it your
23	understanding that County Staff ask that you guys
24	do a forest conservation red line or amendment
25	because there is an existing forest conservation

1	plan for this government property?
2	A Yes.
3	Q And the amendment was very minor in
4	nature because of the small footprint that you're
5	utilizing on 11-foot 11 plus acre property; is
6	that correct?
7	A Yeah, we were completely outside of the
8	forest conservation area.
9	Q And you're not taking down any trees or
10	that kind of (crosstalk)?
11	A No, we're not cutting any trees down.
12	We're completely outside of the whole forest
13	conservation plan. We did a red line. The the
14	the original engineering firm, it took us a long
15	time to find, but they ended up updating it, red
16	lining and sending to the County Staff. They
17	reviewed it and they were okay with it. But I
18	think we're just being asked to provide a final one
19	when we're done constructing. But bottom line is,
20	we're going up the middle of the property and I
21	don't know if there's a an exhibit that shows
22	that the conservation equipment is on the outside.
23	THE HEARING EXAMINER: Okay. I believe
24	in the record, we do have I believe it's Exhibit
25	11, the Forest Conservation Exemption Form. Is

1	that
2	MR. GOLDEN: Yeah. Yes. That, I can
3	just confirm
4	THE HEARING EXAMINER: I I okay.
5	MR. GOLDEN: So this is this is the
6	forest conservation area here. Here's our
7	here's our location.
8	THE HEARING EXAMINER: Okay. So we are
9	looking at Exhibit 11, right? Are we looking at
10	Exhibit 11?
11	MR. GOLDEN: Yeah.
12	THE HEARING EXAMINER: Thank you.
13	MR. GOLDEN: Exhibit 11.
14	THE HEARING EXAMINER: Yes. Thank you.
15	MR. GOLDEN: Yeah, I don't know what
16	happened here, but yeah. So so so the
17	shaded area is the forest conservation plant area,
18	and then this is our tower site location. And then
19	all we're doing is going right up the right
20	right up and out. We don't touch any of this. So
21	there's not even our there was a question
22	about fiber and power, and we were originally going
23	to go through this area, but then we redirected it
24	and did the study, an underground study, and now
25	we're going right through the middle away from the

1	forest conservation.
2	MR. HUGHES: And that's Hearing
3	Examiner, I can add further clarity to this topic
4	because, like you, we understand we're in
5	compliance, but we were able to and I'd like to
6	give Mr. McKinney a copy as well. But we were able
7	to just yesterday, in fact, able to get an email
8	from the Planning department that does say, I'm
9	confirming that the Staff Environment Climate
10	Division of Montgomery County Planning reviewed the
11	redline submitted in conjunction with the CU. The
12	plans are in conformance with the force
13	conservation plan, and preliminary final water
14	quality plan approved that. So
15	THE HEARING EXAMINER: Do do we have
16	a I know there's been references to the forest
17	conservation plan. Do we have a forest
18	conservation plan number that we can reference?
19	MR. HUGHES: Yes, it's it's in this
20	it's in this letter.
21	THE HEARING EXAMINER: Wonderful.
22	MR. HUGHES: So if I could provide this
23	to you as a as a new exhibit. And essentially
24	what this does is, as as Mr. Golden has
25	testified to, as our plan shows, we we are in

1	compliance with the initial forest conservation,
2	but we're not violating it in any way. And
3	further, Planning Staff, the professionals, have
4	reviewed it by a red line, and they say in this
5	email that you guys are in compliance, that
6	everything is fine, that on that topic.
7	THE HEARING EXAMINER: Thank you. If
8	I'm counting correctly, I think, wait, this would
9	be entered as Exhibit 29. And I any objections
10	to entering this email from Planning? Hearing
11	none. Any objections?
12	MR. MCKINNEY: No.
13	THE HEARING EXAMINER: Okay. Hearing
14	none, this email dated October 20, 2025, from
15	Planning regarding the forest conservation plan is
16	entered into the record as Exhibit 29.
17	(EXHIBIT 29 ADMITTED)
18	MR. HUGHES: Thank you for that. And
19	with that, I will turn it back to you and Mr.
20	McKinney.
21	THE HEARING EXAMINER: For
22	cross-examination, yes. So if you have any
23	questions for the witness? And questions are
24	restricted to the testimony that was given.
25	MR. MCKINNEY: Okay. Well, I'll just be

1	very brief. I do Madam Examiner, would you like
2	me to reintroduce myself, or can I just speak?
3	THE HEARING EXAMINER: If you please
4	state your just state your name again.
5	MR. MCKINNEY: I'm Ty McKinney, and I'm
6	a resident on Cape May Road, 14212 in Silver
7	Spring, Maryland. And for this particular witness,
8	I really have, I guess, just one or two questions,
9	one to ask Mr. Golden during the discussion was
10	speaking regarding real estate considerations that
11	had been taken. And one of the things that I'm
12	concerned about is not just health issues, which is
13	my main concern, but also about my property value,
14	being that I've put in a considerable amount of
15	money into my property over the last eight years
16	that I've owned it there. And I would like to know
17	from him, what is his history and knowledge
18	regarding the transitioning or sale of real estate
19	in areas where these monopoles are visible?
20	Because in my case, I certainly
21	believe, at 179 feet, I will be able to stand on my
22	front porch and see this apparatus, which might be
23	discouraging for a lot of potential purchasers of
24	my property should I decide to sell it.
25	MR. GOLDEN: I over 30 years of doing

```
1
    this with Verizon, I've -- we've -- we've had some
2
    cases where we've had real estate appraisers come
3
     in and do an appraisal. Every appraisal that's
4
    ever been done showed no -- no -- no value change.
5
     In fact, more and more today, what I'm seeing as
6
     I'm doing these zoning hearings across the area, it
7
    actually adds value to the house because before you
8
    didn't have wireless coverage, now you do, and
9
    people are clamoring for it. So I'm seeing a -- a
10
     -- a -- a major shift towards it's a value add to
    have it close by and performing well.
11
               That's my opinion, only my opinion.
12
    But that's what I'm seeing. Years ago, nobody
13
14
    wanted to see these. Nobody wanted these in their
    neighborhood, in the '90s, 2000s, and then I think
15
16
     it's just changed. It's just a -- it's everyone
17
    wants connectivity. And inside your house, if you
18
    have wifi, you can connect your phone to wifi.
    That's fine. If you're driving down the ICC, and
19
20
    you get -- or -- or driving in your neighborhood
2.1
    and you want to call the police, as Russell Hartung
22
     just testified, it's invaluable to have good
    coverage and be able to connect, in my opinion.
23
24
               MR. MCKINNEY: Well, since you just
25
    brought --
```

1	MR. GOLDEN: I I actually
2	personally, I live right across the street from
3	one, a lighted one in Annapolis, and I I I've
4	lived there for 25 years. And my personal, I don't
5	even notice it even though it's blinking at night
6	in my in my porch. I see it from half a mile
7	away.
8	MR. MCKINNEY: Well, I will have to take
9	edge your word on that. I don't know that, and I'm
10	certainly not going to drive up to your home in
11	Annapolis.
12	Madam Examiner, is it okay for me
13	to address the issue regarding Mr. Hartung in
14	emergency services? I'm just at your direction.
15	THE COURT: Are you have you are
16	you do you have any further questions for
17	MR. MCKINNEY: No, ma'am. I don't have
18	any further questions for Mr. Golden.
19	THE HEARING EXAMINER: Okay. You may
20	step down, and, yes, we can have you back. Yes.
21	And thank you. Let's administer the oath. Okay.
22	And please restate your name for the record.
23	MR. HARTUNG: Russell Hartung,
24	H-A-R-T-U-N-G.
25	Whereupon,

1	RUSSELL HARTUNG,
2	being first duly sworn or affirmed to testify to
3	the truth, the whole truth, and nothing but the
4	truth, was examined and testified as follows:
5	THE HEARING EXAMINER: Thank you very
6	much. And because you previously testified, I
7	hadn't administered the oath, are you confirming
8	that everything you said then was true and nothing
9	but the truth?
10	MR. HARTUNG: Yes, ma'am.
11	THE HEARING EXAMINER: Thank you. You
12	have some questions?
13	MR. MCKINNEY: Yes, ma'am. My question
14	for Mr. Hartung is that correct?
15	MR. HARTUNG: Yes.
16	MR. MCKINNEY: is that does he have
17	any evidence or or any incidences that have
18	occurred where the failure of communications in
19	that area have hampered the ability of the
20	emergency response team to respond appropriately to
21	to any incidents? Is there any evidence of that?
22	MR. HARTUNG: We, Montgomery County
23	Police, who I worked for now I've previously
24	worked for Montgomery County Fire and Rescue for
25	over 13 years as a communications and installation

1 of technology and service to the community with 2 We received calls from Councilman Mink's 3 office, and the community who was down on Twig --4 twig Terrace down into Good Hope, and the other 5 low-lying areas were complaining. And she asked us 6 in fire, rescue, and police to please investigate 7 what the problem was. 8 We reached out to all the cellular 9 partners that we deal with, T-Mobile, AT&T, and 10 They did a study of the area. went to the County police and asked them to do a 11 12 hot study to where they send police cars into the area where they get fuel every day that you see or 13 14 the fire apparatus, and they created a hot map of 15 where they didn't get service. 16 So police or fire would say, we don't 17 have any service here for our MDC. The MDC 18 is a device that receives the 911 call, dispatches 19 the fire trucks, and then they have a cellular 20 phone by AT&T on the truck that is the backup to 2.1 the radio system, as I mentioned earlier for the 22 Zello radio system. When that failed, that's when 2.3 we went forward and started talking to our 24 providers and said, what can you do for us, because 25 the community is complaining?

We don't have specifics, a specific incidents of where the citizen did not get service right away, but the Councilmember and other people in the community complained to her at a community event and asked us to take it forward. And that's how we determined we needed to do something in that area.

MR. MCKINNEY: Okay. But as I heard you

2.1

2.3

MR. MCKINNEY: Okay. But as I heard you respond, and I think you said it yourself, there's no specific that you can present here that would indicate that because of a lack of communication, emergency services were hampered. I certainly want emergency services, but I've been living in that area now for the last eight years. And I have not come across a circumstance, I would say -- and I'm not saying that there's not sometimes a loss of call or something like that. However, I'm sure losing a phone call or what have you is not specific to that location, that that could happen anywhere at any time.

So I just -- just want to make sure that this body is putting ahead the importance of health related issues over and above making phone calls. I know that you said Councilman Mink and, from what I understand, Senator Kagan and maybe

1	even others from the political realm have supported
2	this going forward. However, in my opinion, their
3	first duty and responsibility is to ensure if
4	they want to satisfy their constituency, to ensure
5	that they do nothing that injures them health-wise.
6	That should be first and foremost, no matter what.
7	MR. HARTUNG: That is first and
8	foremost, and we got all the information from the
9	community of the Good Hope Rec Center where
10	Councilmember Mink and Staff had a huge community
11	meeting. And they could not make a 911 call from
12	the community center because of the lack of
13	degradation of services of the cellular. So that's
14	what started this whole thing and us looking into
15	it, and that's why we sent the apparatus out to do
16	our review and study specifically that we did
17	ourselves.
18	MR. MCKINNEY: May I ask you, when did
19	that meeting occur? Because I didn't I didn't
20	receive any information for it.
21	MR. HARTUNG: I don't have a specific
22	date. It's been going over four years that we've
23	been going through this situation.
24	MR. MCKINNEY: Okay. All right. Thank
25	you.

1	MR. HARTUNG: Uh-huh.
2	THE HEARING EXAMINER: May I just
3	clarify? You mentioned health related concerns,
4	and I just want
5	MR. MCKINNEY: Yes, ma'am.
6	THE HEARING EXAMINER: to make sure I
7	understand what health related concerns
8	specifically are you addressing?
9	MR. MCKINNEY: Just from being
10	constantly in and around in the presence of those
11	electromagnetic of fields, if you will. That is
12	what, you know, my you know, my concern is. And
13	I don't know if anyone has done a long term study
14	on the effects of that. I know Mr. Yaw said
15	something to the effect that he's been involved in
16	engineering, at least 100 of these types of
17	monopoles. And if so, has anyone ever done a
18	study, say, 10 years down the road of the health
19	effects of of those people that were living in
20	close proximity as I will be, you know, to those
21	that that type of apparatus? I don't know. I
22	know I don't have health issues now, and I'm
23	certainly, you know, trying to prevent them.
24	THE HEARING EXAMINER: Thank you very
25	much. And to the Applicant, I just would like to

pause. I mean, I know we are sitting this is a
zoning application, and so I know that this body
has some constraints on what we can review outside
of land use and zoning. Are you able to speak to
whether this body has any authority to review any
health related issues?
You may step down.
MR. HUGHES: Yeah.
THE HEARING EXAMINER: Thank you.
MR. HUGHES: Yeah. Can I actually do
one redirect question?
THE HEARING EXAMINER: Oh, sorry.
MR. HUGHES: And I let me ask one
question to him, and then I'll answer this topic
THE HEARING EXAMINER: Thank you.
MR. HUGHES: about the health.
EXAMINATION BY COUNSEL FOR THE APPLICANT
BY MR. HUGHES:
Q Can we were talking about safety and
timing. So with your permission, you tell me if
this is a fair redirect, can I I've heard the
term in 911 and Public Safety and accidents called
the Golden Hour. Are you familiar with that term?
A Yes, I am.
Q Can you explain what that is?

1	A So basically it's the first PSAP, the
2	Public Safety Answering Point, gets the first 911
3	call and gets into the system. And anyone who
4	calls will tell the dispatcher what is wrong. And
5	that first Golden Hour, whether it's someone who's
6	fallen on the trail that goes behind this
7	neighborhood and they walk their dogs, or they're
8	in their yard, or they're on their roof having a
9	medical emergency, the first Golden Hour is to get
10	them to the most appropriate hospital and
11	treatment. If they're traumatically injured or in
12	need of immediate medical care, that is a high
13	priority. The Golden Hour, is that for life
14	sustaining events, such as a heart attack, a
15	stroke, a fall, or something else.
16	Q Serious car accidents?
17	A Serious car accidents to everything
18	where the paramedics determine you have to get to
19	the best facility, whether it's by land or by air.
20	MR. HUGHES: I lied. Can I ask one more
21	question?
22	THE HEARING EXAMINER: Yes.
23	Q Are you familiar with the ICC, and are
24	there many car accidents in this area on the ICC,
25	if you're aware?

1	A I am very familiar. Everything from the
2	Route 95 corridor all the way along the ICC, it's
3	people consider it a speedway, and we run
4	crashes every day, every night. Some are
5	traumatic, and some are not able to be called that.
6	And we do it every day, multiple times a day.
7	Q Thank you.
8	MR. MCKINNEY: May I may I state
9	make a statement regarding his commentary?
10	THE HEARING EXAMINER: So the order of
11	things is we have testimony, we have cross, and
12	then there's a redirect. I I I I
13	will be flexible here. We're in an administrative
14	proceeding. So you may you may comment. Yes.
15	MR. MCKINNEY: Well, I appreciate that.
16	And I appreciate what Mr. Hartung said. It's not
17	I'm not voicing what I'm voicing out of
18	ignorance regarding what he said. I'm actually the
19	former vice chair of the Police Advisory Commission
20	in this County. So I'm quite aware of the
21	emergency necessity of what's going on here. But
22	despite that, I still want to know first and
23	foremost about the health related issues.
24	MR. HUGHES: And I think that's a fair
25	question topic. And so, I'll answer that from

1 before. 2 THE HEARING EXAMINER: Thank you. 3 MR. HUGHES: What I'll say to the topic 4 of health is two things. One is kind of a legal 5 thing, and one is information we will provide, and 6 that's in the record. So I think as the County's 7 aware and probably the Hearing Examiners aware, the 8 federal government has set out that if we are in 9 compliance with the FCC emissions, radio wave 10 health emissions. If we are in compliance with 11 that, that is not then a reason that a local 12 government can deny an application. And our -- our -- the record does 13 14 show we are in compliance, and we have live 15 testimony on that. And that is via Exhibit, I 16 think, 13. Let me check. Yeah. Exhibit 13 and 17 Mr. Dugan, my third and final witness, is an 18 engineer with experience in radio frequency, so designing of cell sites like this and also 19 20 evaluating the healthy emissions. 2.1 And so, Exhibit 13 is a detailed 22 report that he's done that shows how low the 23 emissions are from the cell tower. And usually 2.4 they are quite low from the cell tower, and he can 25 explain why. So we -- we will be our record shows

1	in his testimony will be we will be in
2	compliance, but it's a I understand Mr.
3	McKinney. It's a very fair question, and we will
4	have some testimony in the report. And then he may
5	certainly want to have some follow up questions to
6	to our expert or what I think will be recognized
7	as an expert.
8	THE HEARING EXAMINER: Mr. McKinney,
9	thank you very much for your testimony and for your
10	cross examination. You may come back after we have
11	the next witness.
12	MR. MCKINNEY: Okay.
13	MR. HUGHES: I will call Mr. Paul Dugan,
14	please.
15	MR. DUGAN: Good morning.
16	THE HEARING EXAMINER: Good morning.
17	Could you just restate your name with the spelling?
18	MR. DUGAN: Sure. Paul Dugan, D-U-G-A-N.
19	THE HEARING EXAMINER: Thank you very
20	much.
21	MR. HUGHES: Thank you, Mr. Dugan. Can
22	you and I will reference Exhibit 23 and his bio,
23	if we could bring that up?
24	Madam Hearing Examiner, I know it's
25	buried in there. I'm sorry we don't have an exact

```
1
    page number; I don't, in front of me. But I think
2
    that's -- his is quite long. It must be towards
3
    the end. It's not -- so I had it. I think that
4
    might be it.
5
               MR. DUGAN:
                           There you go. There you go.
6
               MR. HUGHES: Just go back a little bit.
7
               MR. DUGAN: Go back. Right there.
8
    Right there.
                  Yeah.
9
    Whereupon,
10
                         PAUL DUGAN,
11
    being first duly sworn or affirmed to testify to
12
    the truth, the whole truth, and nothing but the
13
    truth, was examined and testified as follows:
         EXAMINATION BY COUNSEL FOR THE APPLICANT
14
    BY MR. HUGHES:
15
16
               Okay. So can you tell us a little bit
17
    about your educational and professional background,
    Mr. Dugan?
18
               Sure. I have a Bachelor of Science in
19
         Α
20
    Electrical Engineering from Widener University in
2.1
    Chester, Pennsylvania. Also have a Master's in
22
    Electrical Engineering from Widener as well.
23
    -- I have 45 years experience in a design,
24
    performance, operation, and maintenance of wireless
    telecommunication systems. I'm a registered
25
```

1	professional engineer in 13 states. Ten in the
2	Northeast. I just picked up three additional
3	states in the past year, Colorado, Illinois, and
4	Iowa.
5	Q And so, one of those states you're
6	licensed in is Maryland; is that correct?
7	A Yes. And also Maryland has 24 counties
8	or municipalities. I've testified in 22 of the 24.
9	Q And you've been recognized as an
10	external in all of this?
11	A Yes.
12	Q Okay. So about how many telecom tower
13	sites like this one do you think you've worked on
14	in in your career?
15	A Forty-five years, it must be over
16	over 1,000.
17	MR. HUGHES: Okay. All right. Madam
18	Hearing Examiner, I'd like to offer him as an
19	expert in radio frequency engineering and wireless
20	infrastructure design.
21	THE HEARING EXAMINER: On the basis of
22	his resume and testimony, your request is granted.
23	MR. HUGHES: Thank you.
24	Q Mr. Dugan, can you and I can you
25	in layman's terms for us, can you explain to us

1	about this site location, what it's needed for, and
2	what it will provide?
3	A Sure. It'll provide a new coverage to
4	the communities in this area. It's it's
5	well-placed because it's a junction of two major
6	roads that carry an enormous amount of traffic,
7	that'll serve a whole bunch of communities, to name
8	a few, Colesville Manor. Let's see. Old Salem
9	Village, North Sherwood Forest, Colesville Park,
10	Good Hope, and Paint Branch Farms to the south. So
11	it'll serve a number of residential communities, as
12	well as the adjoining roads through the area,
13	including Cape May Road and Good Hope Road and
14	others.
15	Q And have you visited the site?
16	A Yes.
17	Q And what did you learn on that visit?
18	A I do when I visited a site, I I
19	checked the signal levels and data throughput
20	speeds with my handheld iPhone. The data
21	throughput speeds are weak to non-existent.
22	Q Okay. And then are you familiar with
23	Exhibit 12, which are this is called Engineering
24	Radio Frequency RF Propagation Maps?
25	A Yes.

1	MR. HUGHES: Could we pull up that
2	exhibit, please?
3	Q And can you explain what these maps show?
4	A Sure. These are these are radio
5	frequency modeling of the existing facilities. All
6	those that you see in this first map
7	Q Is that the is that the first one?
8	Thank you.
9	A Yeah. This is existing coverage from
10	the existing facilities that are currently serving
11	subscribers today.
12	Q Can you go up there and point to where
13	the site is?
14	A Sure.
15	Q Area. Thank you.
16	A Sure. This is the this the
17	location of the site subject to this application,
18	and but that's that's not currently on, but
19	the next the next map will show what
20	Q So what does it show right now? What do
21	those colors tell us, and what does this map tell
22	you as an expert?
23	A Oh, okay. The different colors
24	represent different single level thresholds. So
25	the stronger, which is the red, you have the best

data throughput speeds and the best in-building
coverage for buildings in the area. So as you
as you get further from the site, it transitions to
a yellow and green color. Obviously, this the
blue the blue represents where the single level
is the weakest. And certainly wouldn't have good
service in those in these areas, especially
surrounding the Castle Cliff site.
MR. HUGHES: Okay. And can we go to the
next slide?
Q Okay. So what what is it? Is this
showing if it's approved, what it would look like;
is that correct?
A That's correct. It will it will
actually provide about a mile and a half in all
directions of new coverage. That equates to
several square miles of new new coverage to the
to the the folks that live and traverse this
community.
Q Very good. Thank you for that. Are you
I think you can take a seat, I believe. And can
you tell us so this is this is with the
proposed height. Can you tell us why this proposed
height is requested and needed here?
A Sure. The location and height of a

1 of antenna array determine what the -- what area 2 the site will serve. If the site were lowered in 3 -- in height, it would reduce the footprint of what 4 the -- the area that the -- that the site will 5 serve because the -- these handhelds require line 6 of sight visibility to the antennas. So it needs 7 to be enough height to fulfill the objectives. It 8 certainly can't be too high, because if it's too 9 high, it'll generate unnecessary interference with 10 other sites. So it needs to be an -- an optimum 11 height to serve objectives and no higher. 12 Very good. Okay. Are you familiar with the Tower Review Committee's recommendation review 13 and recommendation on -- on this site? 14 15 Α Yes. That's Exhibit 4. I think I read this 16 17 earlier, but they concluded on Page 2 of their recommendation: Our review of the application 18 19 concludes there is a coverage map gap in the area 20 bracket, specifically along Route 200, and a new 2.1 site would be needed to fill the coverage gap. 22 review included a thorough examination of not only 23 Verizon wireless technical evidence, but an 2.4 assessment of existing wireless sites, an area that 25 might offer relief. However, our evaluation found

1	that no other sites were available to provide the
2	needed coverage. In conclusion, we find a proposed
3	mono structure will be able to provide sufficient
4	coverage to mitigate the existing gap. We
5	recommend this application on its merit from an
6	engineering review perspective. Are you familiar
7	again with the report in that recommendation?
8	A Yes.
9	Q And do you concur with that
10	recommendation review?
11	A I do.
12	Q Okay. And are you also familiar with
13	that the Planning Staff also did a review, and they
14	also concurred with the TRC report that a site was
15	needed here, and this height and location were
16	appropriate?
17	A Yes.
18	Q Okay. Now, we we were talking a
19	little bit about health considerations and health
20	review a few minutes ago. I'm going to ask if we
21	could pull up, please Exhibit 13, which is titled
22	Safety Compliant. Is this a report that you
23	created; is that correct?
24	A That's correct. At the request of Mr.
25	Golden, I prepared that report back in January of

1	this year. That is a determination and
2	certification that the proposed facility will
3	comply with the federal communication commission
4	exposure limits and guidelines that are put in
5	place to protect the health, safety, and welfare of
6	the public.
7	Q And can you tell us, how do you create
8	that, and what does this tell tell us? Besides
9	being in compliance? Can you give us a little more
10	detail?
11	A Yeah. I mean, just to share with you
12	though, on the first page, where the where
13	there's the dotted section that defines the antenna
14	configuration, all the specifics of the center line
15	height, what's called the azimuth, which is the
16	the direction each sector is pointing. The bands
17	that are propagating.
18	The next section shows the the
19	power levels of each of each band. And I
20	explained how I provide the the the equation
21	for exposure is is on the top of Page 2, right
22	there. Using the far field power density equations
23	from the FCC bulletin OET 65. The power density at
24	any given distance from the antennas is equal to,
25	and it gives you the formula there to calculate the

```
1
    power density. Now -- but the -- the bottom line
2
     is the -- the RF exposure at any location near the
3
    proposed antennas will be below 1 percent of the
4
    FCC exposure limits.
5
               Okay. So --
6
               1 -- below 1 percent.
7
               -- theoretically, it could be 99 -- 98
          0
8
    percent more and still be in compliance?
9
          Α
               Yes.
10
               Okay. And are -- are you aware, does
    FCC also build in an extra safety factor on top of
11
12
    that? Are you aware there are any type of safety
13
     factor?
                      They set the limits, like -- like
14
               Yeah.
          Α
15
     50 to 100 fold below would be any detectable form
16
    of -- of heating and -- and tissue. So there is a
17
    considerable safety factor built into that exposure
18
    exposure of them as themselves.
19
               To -- to let me ask a question. Tell me
    if it's fair and correct. Based upon this 1
20
2.1
    percent or less that you said this system will
22
    emit, I one time at a public meeting, an -- an
23
    engineer like you said, theoretically, you could
24
    put up then 99 of these and you'd still be in
25
    compliance. Roughly, is that a fair point it might
```

1	be is that fair to say roughly that that would
2	still be in compliance?
3	A Yes.
4	Q But in this case, based on what we're
5	projecting, it's less than 1 percent, correct?
6	A Yes. And I'm not only basing my
7	opinions on theoretical calculations, but I spent
8	my entire career performing measurements with
9	calibrated instruments near antennas.
10	MR. HUGHES: Right. Then those would be
11	my questions for Mr. Dugan.
12	THE HEARING EXAMINER: Thank you. Do we
13	have cross-examination?
14	MR. MCKINNEY: No, I've read his letter
15	thoroughly.
16	THE HEARING EXAMINER: Okay.
17	MR. HUGHES: Thank you. Those would be
18	my witnesses, Madam Hearing Examiner.
19	THE HEARING EXAMINER: Okay. Did you
20	have any closing statements?
21	MR. HUGHES: It'd be very brief.
22	THE HEARING EXAMINER: Okay.
23	MR. HUGHES: Yes, ma'am. So first of
24	all, thank you for the time and all the Staff here
25	helping and and also people who've come to

```
1
    testify. We appreciate the opportunity. And we --
2
    we -- we -- we believe the record is very
3
    thorough and complete. Very strong Staff reports
4
     from the Planning department, very strong
5
    recommendation from the County's Tower Review
6
    Committee independently of the engineering need
7
    here for testimony that we will be in compliance
8
    with any safety regulations from the FCC.
9
               There's a real need here that, not
10
     just you hear from our documents and from our
    testimony, but I would reference the multiple
11
12
     support letters that we have. We're especially
    thankful of the leadership of some of our elected
13
14
    officials: Senator Kagan, who provided two letters,
15
    Councilwoman Mink's email, and also letters from
16
    City of Gaithersburg and Rockville who have an
17
     interest in the area because all of the people who
     travel in ICC.
18
19
               We do believe this will provide a
20
    really nice benefit to the community. Yes, it will
2.1
    serve the ICC, which is a busy road. I travel it
22
    quite a bit myself. There's a lot of accidents,
2.3
    but it will provide enhanced wireless services and
2.4
    connectivity on the site as was testified to to
25
    help the County personnel and also to the community
```

1	around there, for the people who live, travel, and
2	work around there.
3	For essential, non-essential, and
4	emergency communications, we believe it meets all
5	the Code criteria at the County level, which we're
6	focused on here. But certainly, any other
7	requirements, the state and federal, including FAA
8	and FCC, and we would ask for the support and
9	approval from Madam Hearing Examiner. And we would
10	certainly, as I've noted, we would welcome and
11	accept if the conditions of approval that Staff
12	have proposed. So with that, I thank you and close
13	out and welcome any additional questions.
14	THE HEARING EXAMINER: Thank you very
15	much.
16	MR. HUGHES: Thank you.
17	THE HEARING EXAMINER: Mr. McKinney, did
18	you want to did you have any kind of closing
19	statement, anything you wanted to say in summary?
20	Not necessarily questions, but any statement you
21	would like to present?
22	MR. MCKINNEY: Yes. Thank you, Madam
23	Examiner. I would just like to caution and remind
24	you and all of the political supporters of their
25	obligation and responsibility to protect us, the

```
1
    public, because we rely on you to do so.
2
    don't have the personal means myself to -- to
    collect the necessary information for testing.
3
4
     I don't know if there's been any evidence presented
5
    here of any long term effects where these monopoles
6
    have been placed. I would really like to know that
7
    and I will personally look into that again.
8
               And other than that, I -- I'm not
9
    here just to be oppositional for the purpose of
10
    being oppositional. I thank Mr. Hughes for his
    extension of welcome and how he's tried to keep me
11
12
    abreast through providing information to me
13
    regarding what these proposals are. But I guess my
14
    statement is is just use caution in assessing these
15
    because we, the public, rely on you and our Council
16
    to do the very best that you possibly can to
17
    protect us regardless of what other benefits these
18
     kind -- kinds of things may bring to individual
19
    businesses or persons. So Thank you.
20
               THE HEARING EXAMINER: You're welcome.
2.1
     Thank you. Before I close the record, I know we
22
    got -- we -- we got in -- we are now at Exhibit 29.
2.3
    Am I correct that there's nothing -- aside from the
2.4
    transcript, there's nothing additional we need to
25
    add -- add to the record; is that correct?
```

```
MR. HUGHES: I -- I think that's
1
    correct, Madam Hearing Examiner. I will need to
2
3
    ask, perhaps, to move the last few in, and then I
4
    need to afterwards send you all electronic copies --
5
               THE HEARING EXAMINER: Electronic copies.
6
               MR. HUGHES: -- of the new ones.
7
               THE HEARING EXAMINER: And on the basis
8
    of having a -- I -- I think I -- I accepted
    that --
9
10
               MR. HUGHES: You did? Okay.
               THE HEARING EXAMINER: -- so I think
11
12
    those --
13
              MR. HUGHES: Thank you.
14
               THE HEARING EXAMINER: -- everything
15
    through Exhibit 29 is officially in the record now.
16
    The electronic copies, as long as they are
17
     identical to the -- to the paper copy. So for the
18
     limit, the -- the -- the record will be closed --
19
    is closed, except being kept open for the limited
20
    purpose of accepting the Court reported transcript
2.1
    and electronic copies of any hard copy exhibits
22
    that were presented here.
23
               With that, the record is closed to
24
    everything else. We expect the transcript no later
25
     than November 4. And then I'll have 10 days after
```

1	that, which is November 14th to issue a written
2	decision. And with that, the hearing is closed. I
3	would like to just thank everybody for your
4	participation and and, you know, and your
5	cooperation. It it takes a lot to get this, you
6	know, certain extensive record together. I also
7	would like to thank the Staff and OZAH because
8	behind the scenes, I know there's lots of moving
9	parts. And so, thank you to everybody. And the
10	the the hearing is closed.
11	MR. HUGHES: Thank you.
12	THE HEARING EXAMINER: Thank you.
13	(Off the record at 11:55 a.m.)
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

1	CERTIFICATE OF COURT REPORTER - NOTARY PUBLIC
2	I, Lee Utterback-Pair, the officer before
3	whom the foregoing proceedings were taken, do hereby
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6	were recorded by me and thereafter reduced to
7	typewriting by a qualified transcriptionist; that
8	said digital audio recording of said proceedings
9	are a true and accurate record to the best of my
10	knowledge, skills, and ability; and that I am
11	neither counsel for, related to, nor employed by
12	any of the parties to this case and have no
13	interest, financial or otherwise, in its outcome.
14	
15	Lu Attalack Pair
16	Lu VIVIIII (
17	LEE UTTERBACK-PAIR, NOTARY PUBLIC
18	FOR THE STATE OF MARYLAND
19	October 27, 2025
20	
21	
22	
23	
24	
25	

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8	my knowledge, skills, and ability; and that I am
9	neither counsel for, related to, nor employed by any
10	of the parties to the case and have no interest,
11	financial or otherwise, in its outcome.
12	
13	Karen M. Salvey
14	
15	KAREN M. GALVEZ
16	PLANET DEPOS, LLC
17	October 27, 2025
18	
19	
20	
21	
22	
23	
24	
25	

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