# HARDING TOWNSHIP BOARD OF ADJUSTMENT MINUTES <br> REGULAR MEETING <br> MARCH 18, 2021 <br> 7:30 PM 

## CALL TO ORDER AND STATEMENT OF COMPLIANCE

The Board Chair, Mr. Flanagan called the regular meeting of the Board of Adjustment to order at 7:30 and announced that adequate notice of the meeting had been made in accordance with the New Jersey State Open Public Meetings Act and State Executive Order 103.

## ROLL

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

| Mr. Cammarata | Present | Mr. Newlin | Present | Mr. Maselli | Present |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Mr. Addonizio | Present | Ms. Sovolos | Present | Mr. Boyan | Present |
| Mr. Rosenbaum | Excused | Mr. Symonds Present | Mr. Flanagan | Present |  |

## REGULAR MEETING

## MINUTES

Mr. Flanagan made a motion to approve the February 18, 2021 minutes as written. It was seconded by Mr. Symonds. On a voice vote all eligible members voted to approve the February 18, 2021 minutes.

## ADMINISTRATIVE-Mr. Flanagan

Mr. Newlin discussed a previously created zoning requirement chart and possible revisions to the chart.

Mr. Symonds suggested an ongoing training on the role of the Planner in applications.

## RESOLUTIONS-Mr. Flanagan

Application BOA\# 15-20
Joseph Ginarte
2 Welsh Lane, B49/L42, R-1 Zone

Mr. Flanagan made a motion to adopt Resolution BOA\#15-20 Ginarte as written. Mr. Newlin seconded the motion. A roll call vote went as follows:

For: Mr. Addonizio, Mr. Newlin, Mr. Symonds, Mr. Maselli, Mr. Flanagan, and Mr. Boyan
Against: None

## OLD BUSINESS

Gregory \& Christine Ihnken
Tempe Wick Road, B34/L3, RR-Zone
Applicant is requesting variance relief for a side setback, building area per N.J.S.A. 40:55D-70(c) and relief for an accessory residence per N.J.S.A. 40:55D-70(d).

Presenting:
David Scalera, Attorney
Richard Schommer, Engineer
Art Palumbo, Architect
Gregory and Christine Ihnken, Owners
Mr. Hall swore in Mr. Schommer for testimony.

- Mr. Scalera presented a proposal for revised plans including the removal of the showering facilities, deed restricting the space to a one bedroom dwelling for use by a family member only.
- Mr. Ihnken opined about the purpose and proposed use of the space for his mother-in-law.
- Mr. Ihnken noted that he would like to make the second floor space into a gym
- Mr. Schommer noted that the property is just over 5 acres and 6 acres is required for an accessory dwelling.
- Mr. Schommer presented Exhibit A-1, the existing and proposed conditions on the property.
- Mr. Schommer noted the historical significance of the property though the state and township reports were conflicting for the barn.
- Mr. Schommer presented testimony noting that accessory dwelling use is permitted in the zone and that the property meets most of the criteria, just not the acreage.
- Mr. Newlin noted that it will no longer be a functioning barn.
- Mr. Hall noted the discrepancy of the HPC report and the planner testimony.
- Mr. Hall noted that the 6 acre requirement is not arbitrary even though the genesis is unknown.
- Mr. Flanagan polled the Board regarding the "use" variance on this application with the lot being less than 6 acres.
- The Board was split on their view of this application. While mostly positive, they had conditions to impute to be comfortable with a possible approval.
- Mr. Maselli noted specifically that there are possible adaptive re-uses for accessory structures other than an accessory apartment.
- Mr. Hall noted that a deed restriction could control limitations of the use.
- Mr. Newlin noted the planning importance of keeping families together. He does not see impact on the neighbors or septic. He noted that no Affordable Housing affect from this application. He would want tight controls on this if approved.
- Mr. Symonds noted the environmentally area but see the Historic Preservation element of the application.
- Mr. Flanagan questioned whether there was another re-use of the space other than an apartment.
- Mr. Cammarata was concerned about the precedent but if this was deed restricted he could be more comfortable with an approval.

A motion was made by Mr. Newlin to approve the application subject to the following conditions:

1. Removal of the shower on the 2nd floor.
2. 70 years or older family member only with deed restriction with no rental monies for occupant.
3. Deed notice of the resolution to alert future owners.
4. 1 bedroom unit only.
5. No expansion of the living space.
6. Revised plans showing the elimination of the shower.

The motion was seconded by Ms. Sovolos. A roll call vote went as follows:
For: Mr. Addonizio, Mr. Newlin, Mr. Symonds, Ms. Sovolos, Mr. Cammarata and Against: Mr. Flanagan and Mr. Maselli

There was a break hearing from 8:58 to 9:02.

Ms. Taglairino called the roll for the Board Members after the break and the following were present:

Mr. Boyan, Mr. Newlin, Mr. Flanagan, Mr. Maselli, Mr. Addonizio Mr. Symonds, and Mr. Cammarata.

Ms. Sovolos rejoined the meeting at 9:18.

Application BOA\# 17-18
New York SMSA Limited Partnership d/b/a Verizon Wireless 8 Millbrook Road, B17/L1, PL Zone
Applicant requesting variance relief for use, per NJSA 40:55D70(d) for a cell tower.
Presenting:
Richard Schneider, Attorney
William F. Masters Jr., Planner
Dr. Eisenstein, RF Specialist
Mr. Mlenak is acting Board Attorney for this application.
Robert Simon is an objecting attorney for this application.

There was a computer glitch from 10:03 to 10:08. Recording was halted during that time frame but the call continued and there is a transcript for that period.

The application is carried to the April 15, 2021 meeting with no further notice.
A transcript of the testimony is appended to the minutes.

## OTHER BUSINESS

None

## ADJOURNMENT

Mr. Flanagan adjourned the meeting at 10:50


Respectfully submitted by Lori Taglairino, Board of Adjustment Secretary

## HARDING TOWNSHIP BOARD OF ADJUSTMENT RESOLUTION <br> Joseph Ginarte - Application No. BOA 15-20 <br> 2 Welsh Lane - Block 49, Lot 42 <br> Adopted March 18, 2021

WHEREAS, Joseph Ginarte applied to the Harding Township Board of Adjustment for variances from Section 225-122(F)(1) of the Land Use and Development Ordinance, which requires minimum front setbacks of 150' when total building area exceeds 3,920 square feet, Section 225-122(F), which requires other setbacks to be a minimum of 100', and Section 225-122(H), which limits the maximum lot coverage ratio to $10 \%$, to permit installation of a replacement swimming pool and patio on the residential property located in a R-1 Zone at 2 Welsh Lane and designated on the Township Tax Map as Block 49, Lot 42; and

WHEREAS, the Board of Adjustment conducted a public hearing on the application at a virtual meeting on February 18, 2021, for which public notice and notice by applicant were given as required by law; and

WHEREAS, the Board of Adjustment conducted a site inspection at a noticed special meeting on February 27, 2021; and
WHEREAS, the Board of Adjustment considered the testimony and exhibits presented during the public hearing; and
WHEREAS, at the special meeting on February 27, 2021, the Board of Adjustment adopted an oral resolution approving the variance application, subject to certain conditions and based on findings and conclusions as memorialized herein;

NOW, THEREFORE, BE IT RESOLVED by the Harding Township Board of Adjustment, this 18th day of March 2021, that approval of the variance application of Joseph Ginarte is hereby memorialized as follows:

## Findings of Fact and Statement of Reasons

1. The applicant's property is located in a R-1 Zone at 2 Welsh Lane. It is a corner lot with the residence facing Welsh Lane and additional frontage on Morgan Drive.
2. The property has a lot size of 3.95 acres that exceeds the 3 acre minimum.
3. The property is improved with a single-family residence, detached garage, swimming pool and patio improvements that are nonconforming due to the front setbacks ( $117.6^{\prime}$ from Welsh Lane and 118.1' from Morgan Drive vs. 150' enhanced minimum), east setback ( 93.3 ' vs. 100 ' minimum), building area ratio ( $5.75 \%$ vs. $3 \%$ maximum), and lot coverage ratio ( $14.06 \%$ vs. $10 \%$ maximum), as shown on plans prepared by Thomas W. Skrable, P.E., P.P., C.M.E., initially dated December 21, 2020 and revised January 4, 2021.
4. The applicant requested variance approval to permit installation of a replacement swimming pool and patio improvements in the same area as the current pool and patio area, as shown on the plans.
5. The proposed replacement pool and patio improvements would maintain the nonconforming lot coverage ratio of $14.06 \%$, requiring a variance from the $10 \%$ maximum in Section 225-122(H).
6. The proposed pool patio would have a minimum front setback from Morgan Drive of $113.5^{\prime}$, requiring a variance from the 150 ’ enhanced minimum under Section 225-122(F)(1).
7. The proposed replacement pool improvements would include a water slide with a minimum east side setback of 92.0 ', requiring a variance from the 100' minimum in Section 225-122(F).
8. The applicant was represented in proceedings before the Board of Adjustment by Robert E. Dunn, Esq. of Hanlon Dunn Robertson.
9. Testimony at the hearing indicated that the existing pool had been installed in 1996, several years after the residence was constructed. The pool had been maintained and repaired over the years, but further repair work would not be appropriate, and the pool was now in need of replacement. Continued use of the same area would obviate the need to replace and relocate an adjacent patio area
10. No neighbor or member of the public expressed concerns or otherwise participated in the public hearing.
11. The need for variance relief is attributable to the existing nonconforming lot coverage ratio and setbacks associated with improvements constructed prior to adoption of the current requirements.
12. The nonconforming lot coverage ratio will be maintained, and it would not be practical or appropriate to eliminate any existing lot coverage or reduce the proposed lot coverage.
13. Two of the nonconforming setbacks will be only slightly reduced.
14. The current pool location is screened by landscaping and the improvements are compatible with the topography, thus making it appropriate to use the same area for the replacement pool and patio.
15. It was noted that steps accessing the proposed slide were not shown on the plans, and the applicant agreed to submit revised plans showing the steps for review and approval.
16. The proposed replacement pool and patio and will enhance continued residential use of the applicant's property.
17. Under these particular circumstances, granting variance relief for the proposed replacement pool and patio will not result in any adverse impacts on adjacent properties.
18. In the case of this specific property, and the location and characteristics of the existing nonconforming improvements and proposed similar improvements, and also the surrounding land use context, strict application of the lot coverage ratio and setback requirements would impose exceptional practical difficulties on the applicant by precluding the proposed replacement pool and patio, thus making variance relief appropriate pursuant to N.J.S.A. 40:55D-70(c)(1).
19. The variance relief requested by the applicant can be granted without substantial detriment to the public good and without substantially impairing the intent and purpose of the Master Plan and Zoning Ordinance of the Township of Harding.

## Description of Variances

1. A variance is hereby granted from the $10 \%$ maximum lot coverage ratio limit in Section $225-122(\mathrm{H})$ of the Land Use and Development Ordinance to allow installation of a replacement swimming pool and patio on the applicant's property that will maintain the current nonconforming ratio of $14.06 \%$, as shown on plans prepared by Thomas W. Skrable, P.E., P.P., C.M.E, initially dated December 21, 2020, revised January 4, 2021, and required to be further revised as a condition of this approval.
2. A variance is hereby granted from the enhanced 150' front setback requirement in Section 225-122(F)(1) to permit installation of a replacement swimming pool and patio with a minimum front setback from Morgan Drive of $113.5^{\prime}$, as shown on the plans as required to be revised.
3. A variance is hereby granted from the 100 ' setback requirement in Section $225-122(\mathrm{~F})$ to permit installation of a replacement swimming pool and patio with a minimum east side setback for a pool slide of 92.0 ', as shown on the plans as required to be revised.

## Variance Conditions

These variances are granted subject to the following conditions:

1. Any outstanding property taxes, application fees and technical review fees shall be paid prior to the start of any site work.
2. The applicant shall obtain any other necessary approvals.
3. These variances are based on and authorize only the specific replacement pool and patio proposed by the applicant as set forth in the testimony, application and plans. New or amended variance approval may be required for any materially different improvements.
4. These variances are granted subject to the express condition that prior to issuance of a building permit the applicant shall submit revised plans showing the steps for the proposed slide, subject to review and approval by the Board Attorney.
5. In accordance with Section 225-35(C)(1) of the Ordinance, these variances shall expire unless the authorized construction is commenced within one year from the date of this resolution and is subsequently pursued in a reasonably diligent manner.

## Vote on Resolutions

For the Oral Resolution: Boyan, Flanagan, Newlin, Maselli, Rosenbaum \& Symonds. Against the Oral Resolution: None.
For the Form of the Written Resolution: Boyan, Flanagan, Newlin, Maselli \& Symonds. Against the Form of the Written Resolution: None.


1 response.) Okay. So we have one, two, three four --
we have five members.
CHAIRMAN FLANAGAN: All right. We have a quorum to get started here?

SECRETARY TAGLAIRINO: Yes. I'll just look for Mr. Maselli, Mr. Cammarata, and Ms. Sovolos.

CHAIRMAN FLANAGAN: Mr. Schneider, up to you. If you want to wait a moment for these guys to come back. Here's Mr. Cammarata. Ms. Sovolos is going to be a few minutes. She has to take care of something she told me about. She's willing to read the transcript for whatever she misses when she gets back, if that's okay by you, or perhaps we can give her a brief summary of whatever we discussed, but either way.

I understand you have planning testimony for us tonight. Welcome back everybody. Mr. Simon, welcome back.

You have your Planner to begin tonight, Mr. Schneider?

MR. SCHNEIDER: I do, Mr. Chairman. And in the interest of time I have no problem with proceeding. And to the extent any absent Board member misses a couple of minutes they can certainly read that limited portion of the transcript. So in the interest of time I'm prepared to proceed.

MR. MLENAK: Can you state your full name and spell your last name?

THE WITNESS: William F. Masters, Jr., M-a-s-t-e-r-s.

MR. MLENAK: Thank you.
WILLIAM F. MASTERS, JR.,
having been duly sworn, testifies as
follows:
MR. SCHNEIDER: Chairman, I'll take a couple of moments to qualify Mr. Masters for purposes tonight's proceedings.
EXAMINATION BY MR. SCHNEIDER:
Q. Welcome, Mr. Masters. What is your profession?
A. I'm a professional planner licensed in the state of New Jersey.
Q. And can you provide the Board with the benefit of your education and experience, including specifically any municipal experience you may have?
A. Yes. I have a Bachelor of Science Degree in Landscape Architecture from Rutgers University. I'm a licensed Professional Planner in the state of New Jersey. I have been continuously licensed for the past 40 years.

For 13 years I was the planning director

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CHAIRMAN FLANAGAN: Great. Thank you. And
I apologize. We ran a little bit longer tonight than I expected we would. I know we had discussed you thought it would take about two hours for your planning testimony. I promise you we'll go till 11:04, if we need.

MR. SCHNEIDER: That's fine. We'll assess as we approach the eleven o'clock hour where we are. And I appreciate it.

Once again for the record, Richard Schneider of the law firm of Vogel, Chait, Collins and Schneider on behalf of the Applicant, Verizon Wireless.

As you indicated, Mr. Chairman, my intention is to proceed with our planning testimony. And I have with me this evening Mr. William F. Masters, Jr. So unless there's any housekeeping items, which I don't believe that there are any if we can proceed with Mr. Masters' testimony and have him sworn.

CHAIRMAN FLANAGAN: That would be great. Mr. Mlenak?

MR. MLENAK: I'm looking for Mr. Masters. There he is.

Mr. Masters, do you swear to tell the truth, the whole truth, and nothing but the truth?

MR. MASTERS: I do.

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for the Township of Parsippany Troy Hills. For the
past 27 years I've been involved in my own private
practice concentrating on applications pertaining to wireless telecommunications facilities.

I previously -- I've been qualified as an expert in the field of Land Use Planning before numerous Planning Boards, Zoning Boards --

CHAIRMAN FLANAGAN: Thank you, Mr. Masters.
Mr. Schneider, Mr. Masters is clearly an expert, so thank you.

MR. SCHNEIDER: Thank you, Mr. Chairman.
THE WITNESS: Thank you, Mr. Chairman.
BY MR. SCHNEIDER:
Q. Mr. Masters, can you take a couple of moments to articulate for the record what you have done in preparation for your testimony here this evening?
A. Yes. In order to prepare for my testimony this evening I reviewed the application, reviewed the zoning drawings that were submitted as part of the application. Those zoning drawings, most recent drawings containing a revision date of March 4, 2019. Reviewed the supporting documentation that was included with the application, the radio frequency reports.

I've attended all of the hearings of the
Harding Township Zoning Board of Adjustment regarding

|  | Page 9 |  | Page 10 |
| :---: | :---: | :---: | :---: |
| 1 | this application, either in person or virtually. | 1 | to revisions to the B-1 component of the New Vernon |
| 2 | I've reviewed the Harding Township | 2 | Redevelopment Plan. |
| 3 | comprehensive zoning ordinance and zoning map. | 3 | Reviewed the report of the Village Plan |
| 4 | Reviewed the Harding Township Wireless | 4 | Study Committee dated March 17th, 2006, prepared by |
| 5 | Telecommunications Tower Ordinance, Ordinance number | 5 | Kimball and Kimball. |
| 6 | 8-99, specifically Section 225-175 of the Land Use and | 6 | I've reviewed Ordinance number 18-03 of the |
| 7 | Development Ordinance. | 7 | New Vernon Redevelopment Plan Implementation Program |
| 8 | Reviewed the Harding Township Master Plan, | 8 | and Policies dated November 19th, 2003. |
| 9 | original adoption December 17, 1984. I've reviewed the | 9 | I reviewed the Harding Township planner's |
| 10 | Land Use Plan Element of the Harding Township Master | 10 | report dated January 10, 2019, prepared by M. McKinley |
| 11 | Plan which was adopted on April the 23rd, 2007, and | 11 | Mertz, Professional Planner. |
| 12 | amended November 27th, 2017. | 12 | I reviewed the Harding Township Zoning |
| 13 | Reviewed the Historic Preservation Plan | 13 | Board of Adjustment engineering consultant's report |
| 14 | Element dated March 14th, 2005. | 14 | dated January 15th, 2019, prepared by Paul D. Fox, |
| 15 | Reviewed the 2013 Master Plan | 15 | Professional Engineer. |
| 16 | Re-Examination report, which was adopted on April the | 16 | I've reviewed the bid specifications for |
| 17 | 22nd, 2013. | 17 | the wireless communications facility dated November 22, |
| 18 | Reviewed the New Vernon Village | 18 | 2016. |
| 19 | Redevelopment Plan adopted May 7th, 2003, by Ordinance | 19 | And I reviewed the Land Lease Agreement |
| 20 | number 6-03. | 20 | between the Township of Harding and Verizon Wireless |
| 21 | Reviewed Ordinance number 10-05, which | 21 | dated June 14th, 2018. |
| 22 | amended the New Vernon Redevelopment Plan with regard | 22 | Q. Thank you, Mr. Masters. Did you also have |
| 23 | to the B-1 zone. That was adopted on June 15th, 2005. | 23 | occasion -- and we'll get to this hopefully during |
| 24 | Also reviewed Ordinance number 13-11, which | 24 | tonight's proceedings. Did you also have occasion to |
| 25 | was adopted on November 16th, 2011, again, pertaining | 25 | prepare, both as part of the original application |
|  | Page 11 |  | Page 12 |
| 1 | submission and subsequent thereafter a series of visual | 1 | testimony let me start by asking you from a planning |
| 2 | analysis in conjunction with this matter? | 2 | process, or a planning perspective more appropriately, |
| 3 | A. I did. I attended a crane test that was | 3 | can you initially comment on the background as it |
| 4 | conducted back on February the 27th, 2018, of which | 4 | specifically relates to the actions of the Township |
| 5 | several members of the Zoning Board of Adjustment were | 5 | Committee to make available the lease rights for this |
| 6 | also in attendance that day for the crane test. | 6 | facility for the siting of a wireless communications |
| 7 | Based upon the crane test I prepared a | 7 | facility? |
| 8 | series of photo simulations of the proposed tree pole | 8 | A. Yes. The Township Committee of Harding |
| 9 | at its original height of 140 feet with a | 9 | Township issued bid specifications for the lease of |
| 10 | top-of-branching height of 146 feet. | 10 | township owned property, specifically at the location |
| 11 | Subsequent to that based upon developments | 11 | of this subject application. The date of that bid was |
| 12 | that occurred during the course of the application, | 12 | November 22, 2016. The property was for, or I should |
| 13 | predominantly the result of prior testimony from the | 13 | say the bid was issued for property located at 8 |
| 14 | Applicant's radio frequency expert, I prepared | 14 | Millbrook Road, commonly referred to on the official |
| 15 | supplemental photo simulations depicting a tree | 15 | tax maps of the Township of Harding as Block 17, Lot 1. |
| 16 | monopole at a height of 120 feet with a top-branching | 16 | I also reviewed the Land Lease Agreement |
| 17 | height of 126 feet. Photo simulations of a tree pole | 17 | between Harding Township and Verizon Wireless, which |
| 18 | at 100 feet, with top of branching height of 106 feet. | 18 | was signed on June the 14th or 2018. |
| 19 | Photo simulations of a flagless flagpole at 120 feet, | 19 | Q. Okay. And as you understand it, based on |
| 20 | and photo simulations of a flagless flagpole at 100 | 20 | the prior testimony of Ms. Boschulte specifically, it |
| 21 | feet. | 21 | was Verizon Wireless who, in fact, pursued the siting |
| 22 | Q. And we're going to get into a little more | 22 | of a wireless communication facility and requested that |
| 23 | detail on that hopefully in the not too distant future. | 23 | the township issue a bid for the lease rights for this |
| 24 | With that comprehensive background in terms | 24 | property. Is that your understanding? |
| 25 | of all that you've done in preparation for your | 25 | A. Yes. That is my understanding. |

Q. And while you're certainly not an attorney, is it correct or consistent with your understanding that the township would have had the authority, had they so chosen, not to make this a property available for the potential siting of a wireless communication facility; correct?
A. Yes. I think that's apparent that that was a decision that was ultimately decided by the Township Committee of Harding Township.
Q. In its discretion, and in fact in that context Verizon Wireless would have had no legal ability to compel the Township of Harding to make available this particular property; correct?
A. Correct.
Q. And the Township of Harding in its discretion has the right to either make available this property or any other property, whether it's the municipal building or any other municipal property, for the siting of a wireless communication facility; correct?
A. Yes.
Q. Okay. So that leads us to the application having been filed. And while it is obvious, and I say it with great confidence, that the Board certainly, and I'm sure any interested members of the public, are very

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it's worthwhile pointing out that in reviewing the title work associated with this property it was actually conveyed to the township by two separate entities as two separate parcels of land, and ultimately as it exists today is a single block and lot comprising of 4.2134 acres or 183,537 -square feet.

I think it's also important to take note of the irregular shape of the property, and in reviewing the redevelopment plan for this property as the subject property itself is located in the New Vernon Village Redevelopment Plan. It's important to note on page ten of the redevelopment plan the plan makes an observation that the lot is very irregularly shaped, somewhat like an hour glass, which provides the opportunity to consider the two development areas, Tunis-Ellicks and DPW, as somewhat separate entities. And if you look at the property survey you can see that at the midpoint of the property it practically comes to a point. It's that dramatic of a separation between what I'll call the easterly portion of the property and the westerly portion of the property.

The DPW portion of the property houses various structures. It houses the recycling shed, the municipal garage buildings. More recently an additional building was added at the site which
familiar with the subject property all being Harding Township residences, we're on the record. So for the purposes of that understanding, let's take some hopefully substantial time here, because I think it's important, to make some observations about the description of the property from a planning perspective. So let me ask you to comment, if you can, and describe what do you believe are the relevant characteristics of the subject property, specifically from a planning perspective as distinct from a radio frequency or other perspective?
A. Okay. The property which is the subject of the application again is the DPW yard, the Department of Public Works for Harding Township, their existing facilities located there. That particular property also serves as the Township's Recycling Center. It's a 4.2134-acre parcel of property.

In addition to the portion of the property that is utilized for the Department of Public Works and for recycling, it is also the site of a historic structure, the Tunis-Ellicks property, which is located to the eastern portion of the property. The property is an extremely irregularly configured piece of property, kind of an hour-glass figure. And I think
provides for the offices of the Director, as well as a lunch room for the public works employees, a locker room with a bathroom, as well as the ability to house workers there overnight during emergency situations such as snowstorms.

There is a vehicle fueling facility on the premises. There are several storage sheds. There is a salt containment facility on the property, as well as future plans to build a salt dome on the public works property.

CHAIRMAN FLANAGAN: For the record, Ms. Sovolos joined us at 9:18.

BOARD MEMBER SOVOLOS: Thank you.
MR. SCHNEIDER: Thank you.

## BY MR. SCHNEIDER:

Q. I want to go back to two of the comments that you made in describing the subject property, because I think it's important. You discussed your description of the property as an hour-glass shape, and in doing so relying on that specific reference in the redevelopment plan that you referenced. And you referenced specifically the location of the historic structure on the property. And you made additional reference to the, I think you used the phrase "separate entities."
-
rolling stock to conduct the various services that they provide for the township.

As I mentioned earlier the site is also the location of the Township's Recycling Center.
Currently, the Recycling Center is open on Wednesday mornings from 7:00 a.m. till Noon time, and alternating Saturdays from 9:00 a.m. till Noon time.
Q. Okay. That gives us for the purposes of the record, I think, a comprehensive understanding of the nature of the current use and the segregated uses that are conducted on that property.

Let's segue, if we can, to somewhat of a description from a planning perspective of the nature of the surrounding land uses?
A. Yes. The surrounding land uses to the DPW facility, the property's bounded to the south and west to residential properties. Those properties are situated within the $\mathrm{R}-1$ Residential Zone District, that's a three-acre minimum lot area, residential zone district.

To the east within the subject property itself, the municipal property it is occupied by the Tunis-Ellicks House. Beyond that across Millbrook you have at the corner of Millbrook and Village Road you have the New Vernon Firehouse, the New Vernon Volunteer the physical distance of the historic structure from where the proposed wireless facility is proposed to be located in the DPW portion of the property?
A. I did. The proposed monopole or tree pole, which is part and parcel of this application, is situated 609 feet from the Tunis-Ellicks House. The compound, the 30 -foot-by- 60 -foot proposed equipment compound of which the monopole would be situated in the center portion of that compound at its closest point is 570 feet to the Tunis-Ellicks House.
Q. Do those distances support your -- not only your conclusion, but the reference within the redevelopment plan as to the effective segregation of the historic structure from that of the DPW use?
A. They do. The DPW related activities, infrastructure of the buildings, the parking associated with the DPW is all consolidated within that portion of the overall property situated to the west; whereas, the museum and historical house, the Tunis-Ellicks House is at the extreme eastern extent of the property along with the associated out-building of the parking for that facility.
Q. Okay. You did spend some time describing the physical improvements associated with the DPW

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Did you happen to have occasion to review
property. Let's just take a couple of brief moments to describe the use that's there. Obviously the Board is familiar with it, but I want to get a sense from a planning perspective of how you view that use in terms of intensity and your overall perspective about it from a planning perspective.

And let me go back, if I can, before you
answer that question. Did you have the recent opportunity to speak with a representative of the DPW to confirm your observations and gather some additional information concerning the current operation of the DPW facility?
A. I did. I spoke to the Director.
Q. And that was very recently?
A. It was. It was earlier this week.
Q. So I was asking you for your perspective from a planning perspective of the use of the DPW in terms of its operation and type of activity that are conducted there?
A. The use and activities at the DPW, again, consist of activities related to the road department, the maintenance of roads, of township owned facilities, snow removal. There are currently eight employees who work at the township DPW facility, that's including the Director. They maintain approximately 40 pieces of

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First Aid Squad.
Along Village Road itself which is situated within a B-1 Historic Village Business Zone you have a mix of single-family residential uses, as well as commercial uses. You have the New Vernon Post Office immediately to the north of the DPW property. On that same property you have a restaurant. I'm not sure if it's currently open. You have a parking lot that services both the post office and the restaurant.

Across the street is currently a vacant
store deli. Previously there was a bank located on the north side of Village Road. And you have, again, intermixed with those commercial uses single-family residential uses.
Q. And you have in relative close proximity, if you haven't mentioned, the Harding Township Municipal Building and the Harding Township elementary school?
A. You have the elementary school up on Lees Hill Road. You have two houses of worship: You have the Presbyterian Church on Lees Hill Road. You have Christ the King Catholic Church down at the corner of Millbrook Road and Blue Mill Road. You have the Kirby Municipal Complex and the library across the street.
Q. Is it relevant to you that in addition to
the obvious description of the surrounding land uses in part being residential that you have what I would consider a number of uses that involve public assembly; i.e., a municipal building; i.e., a school; i.e., houses of worship, post office and things of that nature?
A. Clearly. Absolutely. As it's noted in several master plan documents, the redevelopment plan, the historic plan element, historically New Vernon is the focal point, or focus, central hub, if you will, of Harding Township. It's where the primary roads of the township interconnect: Village Road; Glen Alpin Road; Lees Hill Road; Blue Mill Road; Millbrook Road. And again you've got the only school in the township is located there. The only public school in the township is located there. You've got the post office. Two churches. It's the center of municipal government. It's clearly the center focal point of Harding Township.
Q. Okay. With that background let's start to segue into some of the relevant planning documents, and in some sequential order let's discuss the relevant provisions, if there are, in both first the Master Plan; (B), the significance, if any, of the redevelopment plan that you referenced; and third and

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I think that the PL Zone in and of itself there's not really bulk standards associated with that zone district. It lists a number of permitted uses, but there are no bulk standards associated with the Public Land Use Zone District.

She notes on page three that the variance relief that's required here is a D-1 Use Variance, that being because of the fact that the proposed use, a new monopole wireless communication tower is not a permitted use within the PL Zone District, and then talks about the special considerations within the various elements of the Township's Master Plan.

First one being objective number nine of the Master Plan. This is the 1994 Master Plan. It was reorganized on February 25th, 2008, and this appears on page 1-1. And that is objective number nine: "To promote the maintenance and protection of the high quality visual environment of Harding Township through creative development techniques and protection and enhancement of the unique physiographic and rural historical features."

Again, references to the visual environment, as well as the rural characteristics of the township are repeated often in the township master plan documents.
perhaps most significantly the relevant provisions of Harding Township's ordinance, specifically its wireless communications ordinance.

Let's start with the relevant discussion as it relates to any provisions of the Harding Township Master Plan, including specifically to the extent that the Master Plan may refer to how it should encourage or treat wireless communications?
A. Okay. And what I'd like to do in conjunction with that would basically be follow McKinley Mertz's report of January the 10th, 2019. On the first page she discusses the property -- well, first the materials that were reviewed as part of the preparation of the report. The property and project description. Notes that the subject property is located at 8 Millbrook Road in the PL Public Lands Zone District.

I would note that the subject property,
Block 17, Lot 1 , is the only PL Zoned property within the New Vernon Redevelopment Plan area, and as well as the Historic District, the portion that's in the Historic District. The property is owned by the Township of Harding, currently used by the department of public works.

In looking at the -- it's important to note

What the Applicant is attempting to do here is to offer some alternative antenna support structures in order to try to mitigate some of the visual impact associated with this type of a use. Visual impact from a planning perspective is in most instances if not all instances the primary focus relative to the issue of detrimental impact, wireless telecommunications being dependent upon a line-of-sight technology requires their antennas to be up in the air in order to be able to see, in order to propagate radio signal.

So the first consideration is objective
number nine. And again, the Applicant's attempt here to address that particular master plan objective is to offer something other than a conventional monopole at this location.

She then turns to the Land Use Element of the Master Plan most recently amended on November 27th of 2017. Objective number one, which is, "To preserve and perpetuate the township's rural historic character in high quality natural environment preserving the township's traditional historic and rural character is the essential objective of the Master Plan."

Talks about the curve linear nature of the road constructed to serve new development. Creative development techniques should be employed, so the
subdivision layout promotes the township to rural character.

While we're not proposing a subdivision here, again this particular location is where the primary roads in Harding Township converge. The location here is set back from the road system situated on the DPW property, and again the attempt here is to try to mitigate impacts associated without objective.

The second objective noted in the Land Use Plan Element is number seven on page 11-2 of the Land Use Plan Element, which is, "To perpetuate the established patterns of development the zone plan should reflect and perpetuate the established land uses and lot patterns, and manage development compatible with the established low density -- low residential density in the small scale and limited extent of commercial development."

Again, I would submit to the Board by locating this at a DPW facility the attempt here is to locate it at a site where the existing patterns of development are not adversely impacted by its location.

I would note another objective of the Land Use Element is the one before that, item number six, which is, "To maintain New Vernon as the center of community interaction and focal point for the

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are essentially along the Route 202 and 287 corridors
of which Verizon Wireless already maintains a facility.
They have three facilities that currently service off
the 202 and the 287 corridors. It's simply not
practical, as based upon Ms. Boschulte's testimony, to provide testimony to the New Vernon Village area from those locations.

The other policy when large towers are necessary they should be located in commercial areas. They should not be located in areas where they will have a substantial negative impact on the character of historic districts or sites and/or residential areas.

Again, the attempt here was based upon the bid that was awarded by the township to locate this at the public works facility, which is a location -public works facilities are common locations in terms of municipal property for these types of uses. In fact, two of the municipalities which border Harding Township, Chatham Township and Long Hill Township, each maintain wireless telecommunication towers at their respective DPW facilities.

So the master plan, again, in terms of its objectives, goals, policies, focuses on these various aspects. The redevelopment area also indicates that
25 the New Vernon crossroads area is the focal point of
community. Future development/redevelopment policies should promote the continuation of the Village of New Vernon as a focal point and gathering place for the Harding community. The pedestrian scale of the village with small-scale commercial uses, banks and professional offices, surrounded by low-density residential uses should be maintained. The reestablishment of the Post Office in the village core has been essential to this objective."

Again, a component of maintaining that
central community focal point is to have reliable uninterrupted wireless telecommunications service, and as such is important that that such service be maintained in that location.

The report then moves on to the wireless telecommunications ordinance itself where it states, "To minimize the use of large towers, small antennas should be encouraged whenever they can be located on or in existing structures, particularly public or quasi-public property, school, churches, firehouses, et cetera, subject to reasonable standards and site plan review."

The wireless ordinance of Harding Township provides for freestanding wireless telecommunications locations, but only located in zoning districts that
the community. I would note in the most recent Master Plan re-examination report that was adopted on October 26 th of 2020 on page 20 it discusses the DPW site. It says, "Consideration should be given to developing a specific plan for the reconfiguration of DPW facilities in New Vernon Village to enhance the efficient utilization of the site and allow for future improvements, if needed. Such a plan would be beneficial for long-term planning to ensure that the facilities at this location continue to meet Harding's current and future needs."

Again, a recent building was added to the facility. There are plans -- I'm told that there are plans to still construct a salt dome at the facility. And it notes that the facilities were recently renovated to include sleeping quarters at the property. So those are some of the Master Plan Land Use Element considerations pertaining to this particular property location.
Q. Mr. Masters, in addition to the Master Plan, at least from my perspective there's a what I consider to be somewhat of a unique planning document, that being the redevelopment plan. And it's a redevelopment plan, at least as I understand it, it's not a redevelopment plan in the sense that there was a

1 determination by the Planning Board and/or the -referred to the Township Committee where the property was somehow blighted and in need of redevelopment, but as I read the redevelopment plan, I'm not going to ask you to go through all of the things that you reviewed at the beginning of your testimony, but it's a unique document in a couple of senses.

And I want to ask you a series of questions about that to the extent that people, Board members or others may have some questions about the applicability of the redevelopment plan. The redevelopment plan as I understand it, and you'll correct me if I'm wrong, did not in either its original form or in its subsequent amendments, contain any essential revisions to the underlying zoning in terms of the permitted uses either within the B-1 zone or the PL Zone, those being the two zones that I'll reference within the redevelopment plan; is that correct?
A. That's basically correct. There were some tweaks to the B-1 zone portion of the redevelopment plan area; however, there were no changes made to the public land regulations contained in Section 225-151 of the Land Use and Development Ordinance which pertains to the Public Land Zone District. Again, there are no bulk regulations in the PL Zone. The initial New

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Township Planners at that time, Kimball and Kimball, and on March the 17th of 2006 that report was presented to the Planning Board recommending various enhancements and so forth, again, to the B-1 Zone portion of the redevelopment plan area.

And then most recently on November 16th of 2011 by way of ordinance number 13-11 the redevelopment area was once again modified with respect to the B-1 Historic Village business zone. The redevelopment plan was amended to encourage but not mandate the redevelopment area as to allow greater flexibility in developing sites within the redevelopment area restaurants should be permitted in the B-1 Historic Village Business Zone. The scale of that type of development would be limited by the small lot size, as well as being able to accommodate parking, as well as on-site wells and waste water disposal facilities. Two-family dwellings should be allowed in the B-1 zone.

> Again, its purpose of focus was totally with respect to the B-1 Zone portion of the redevelopment area.
Q. And not the PL Zone?
A. Correct. Not the PL Zone. The PL Zone continued to exist as it had since March 17th of 2004 under Article 32 the Public Land Zone it specifically

Vernon Village Redevelopment Plan was adopted back in 2003, May 7th, 2003 by Ordinance 6-03. It was updated a few months later by Ordinance 18-03 on December 17th, 2003. But again, those changes predominantly pertain to the $\mathrm{B}-1$ zone property.

That is the document, by the way, that again notes on page ten the very irregularly shaped hour-glass configuration of Block 17, Lot one, and the fact that they afford the opportunity to consider that the two development areas, the DPW and the Tunis-Ellicks House, as somewhat separate entities.

After the December amendment to the redevelopment plan it was again amended in June, June 15 th of 2005 by ordinance 10-5. That particular amendment provided for a greater flexibility in the arrangement of the residential component of the mixed-use developments in the B-1 Zone in the New Vernon redevelopment area, and provided for an exclusion of basement space in the calculation of the floor area ratio in that zone. Again, silent with regard to the PL Zone portion of the New Vernon Redevelopment Area.

Subsequent to that there was an analysis undertaken by the Village Plan Study Committee to the Planning Board under the, I guess, the direction of the Page 32
allowed for the following uses: "Administrative buildings, and installations, libraries, historical buildings, cultural or community centers, public schools, parks, play fields, playgrounds, conservation purposes, recreation uses, educational facilities, garages to house municipal equipment, or any other public uses, buildings and structure in order to preserve historic structures on sites of the Public Land Zone. The Township Committee may authorize the renovation and adaptive reuse of existing buildings or properties, office space, museums, or for hosting social functions, cultural or community events and may arrange for a resident caretaker.
"In authorizing such renovation or reuse of buildings or properties the Township Committee should ensure that adequate arrangements are made for off-street parking, on-site traffic circulation and security."
Q. And in large measure, Mr. Masters, as I read through the redevelopment plans and its various incantations, a lot of the focus of that was to discuss more from a larger planning perspective the potential siting options of importance land uses as they relate to the Post Office and library. Is that consistent with your understanding?
A. One of the primary original focuses of the creation of the New Vernon Village Redevelopment Plan was to provide for a newly relocated Post Office, as well as a library. Of course we know that now that the library is at the municipal complex on Blue Mill Road, but in fact the post office is now located across the street from where it originally was located on Village Road.
Q. So you've given us, I think, or at least me, an important perspective in terms of the Master Plan, but I think also importantly in terms of the redevelopment. The fact that it's not a redevelopment plan as others may perceive it in terms of either implementing new land uses or resulting from some determination that the property is blighted, it was intended to be on a larger scale a planning guide to attempt to address potential siting options for some of the uses that you just discussed.

Let's then, with that understanding let's discuss a little bit about the PL Zone and segue into the implications of the permitted uses in the PL Zone and how it affects the need for a use variance in this case. I'm not going to ask you to repeat yourself, but essentially there are -- you've indicated there are no bulk requirements in the PL Zone and you indicated and

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Harding Township on existing structures, specifically those sections of the Ordinance would be Sections 225-161, 162, 163, and 164.

The specific section of the Harding Township Land Use and Development Ordinance that deals with wireless telecommunications towers is Section 225-175. That particular section was added by ordinance number 8-99 on July the 12th, 1999, and it states that, "Not withstanding the provisions of Section 225-116C, towers supporting wireless telecommunications antennas and associated equipment shall be permitted as a conditional use on any lot in the OB Zone and the B-2 Zone, only on the eastern side of Route 202 subject to the provisions and standards enumerated below.
"The provisions of this section and standards herein shall also apply to the installation of more than one antenna or more than one antenna array on existing or proposed buildings and structures in these zones."

That's because if we look at the section, the previous sections that I just sited they specifically in terms of locating towers on existing structures they limit the number of antennas to three antennas grouped together on a single mounting bracket.
reviewed in some level of detail the permitted uses in the PL Zone. Suffice it to say in the interest of time that I'm correct that wireless telecommunication uses are hot a permitted use in the PL Zone; correct?
A. Correct.
Q. Okay. So that then segues us into the relevant provisions of the Harding Township Wireless Communications Ordinance. And what I found interesting as I started to review this application back in I hate to say it 2017, is that the Harding Township Wireless Ordinance is, like in three or four is different sections, depending on whether you're attempting to locate on an existing structure and then there's separate bulk regulations, but let's focus if we can on how the Harding Township Wireless Communications Ordinance attempts to regulate new towers such as the one proposed here.
Can you review for us what the relevant
provision of the Harding Township ordinance is as it relates to the proposed construction of a new wireless communication tower?
A. Okay. And as you indicated, there are various sections of the comprehensive Land Use and Development Ordinance that deal with the placement of antennas, wireless telecommunications facilities within

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So the section of the ordinance that deals with wireless telecommunications towers, as I indicated, is Section 225-175 limited to two-zone districts, and within those zone districts limited to the eastern side of Route 202 within those zone districts, which would effectively be that portion of 202 that's sandwiched between 202 and Interstate Route 287. That would be the eastern side of 202.

As I indicated earlier Verizon Wireless already has facilities at three locations that essentially service the Route 202 and the I-287 corridor. One being at the extreme southern end of the township just before you cross over into Bernards Township on the eastern side of 202 there's a monopole. The rest stop on Interstate 287, the tree pole. And then there's a cluster-mounted monopole up at the Harter Road ramp of Interstate 287, which is actually in Morris Township. But those are the three, as you heard in Ms. Boschulte's testimony, that cover that particular area.

So here we are at the Harding DPW obviously not in either an OB Zone or a B-2 Zone, but in the PL Public Land Zone.
Q. So the -- let's talk about the ordinance interpretation in that regard. My understanding from a
legal sense is that if you are not located in the OB or B-2 Zone on the eastern side of Route 10 you are not a conditional use, and therefore as this application has been filed a D-1 use variance for a use not permitted in the PL Zone is the required variance relief; is that correct?

Is that consistent with your understanding and interpretation of the ordinance?
A. It is. And as I indicated earlier, that point was -- was very clearly made in McKinley Mertz's planning report of January 10th, 2019.
Q. And in fact, if one takes that argument to its reasonable interpretation the provisions of Section 225-175, and specifically Subsection C of that contained -- and I emphasize conditional use standards. So all of those standards that are contained within C -- Subsection C-1 through seven are only conditional use standards if you're in either the OB or B-2 Zone district; is that correct?
A. In my opinion, yes, that is correct.
Q. Okay. So the nature, as a result of that interpretation Section 225-175 does not apply, and the nature of the required variance relief is a use variance, obviously together with site plan approval. And in the context of determining the relief you have
mentioned probably on no less than two occasions that there are no bulk standards in the PL Zone, so to that extent there are no " C " Variances or setback standards that govern this application; is that a fair statement?
A. Fair statement. Again, mentioned in Ms. Mertz's report.
Q. Okay. Let's now turn our attention, if we can, to an understanding from you of what you view as the relevant aspects of the application -- relevant aspects of the application from a planning perspective? (Dog barking)
A. That's not me. I'm sorry, what?
Q. I'm sorry. That was my puppy. I apologize.

If you can just take a moment just to review for the Board what you believe to be the relevant characteristics of the application from a planning perspective?
A. Okay. The planning issues here, again, we're seeking D-1 variance relief, although we are not specifically governed by the conditional use standards set forth in 225-175 of the Harding Land Use and Development Ordinance, it may perhaps be worthwhile to go through those conditional use standards.
Q. Before -- Mr. Masters, before we do that I
want to take one step back, if we can.
We have had over the time period of two,
three years, and I hope to think that it's a productive discussion, we've had a lot of discussions about tower design, height, some of the operational aspects of the matter, of the application, the use of the tower for collocation. There's been extensive discussions, I think, in part led by the Chair and others about how we design this to maximize collocation.

So I want to see if we can just focus before we get into some of the specific standard and statutory criteria. I want to see if we can -- because the application has evolved over a significant period of time, and we've spent the more recent time on RF issues, I want to try to refocus what that discussion has entailed in terms of the various tower alternatives, and some of the operational aspects that we discussed early on through the testimony of Mr. Marowski. And then obviously in terms of the design we sought the input of Dr. Eisenstein, and everyone's had their certainly fair amount of discussion about tower design.

> So let's see if we can refresh our
recollection about where we are and what the various design alternatives that have been discussed from a
planning perspective?
A. Okay. The tower design and height which really followed the guidelines and directions set forth in the bid documents, the bid specifications, as well as the lease agreement between Verizon Wireless and Harding Township, set forth a tree pole at a height of 140 feet, exclusive of branching.

As the drawings indicated the top of branching extended to a height of 146 feet. Obviously during the course of the public hearings, specifically the extensive radio frequency testimony that was provided by the applicant, it was determined that the height of 120 feet would be sufficient for the applicant to meet their coverage objectives, also, still essentially following the guideline of the bid specifications still as a tree pole.

Obviously, located at the DPW, which again was the location specified in the bid documents, during the course of Mr. Marowski's testimony the Board was reminded of the fact that we're dealing here with an unmanned, unoccupied facility. It's a use that from a planning perspective is in the nature of a utility. Again, no employees involved --

CHAIRMAN FLANAGAN: Mr. Masters, I apologize to interrupt. Mr. Schneider, I apologize,
but I believe that Lori's computer just died and that is our recording device.

Lori, can you hear us or hear me? (No response.) And does anybody have -- she sent me a text message and my phone just died. Alf, or does anybody else have Lori's phone number where they can text her to see what she's doing?

MS. MERTZ: I just texted her, Mike. CHAIRMAN FLANAGAN: Okay. Thank you. THE WITNESS: Do you want me to hold? CHAIRMAN FLANAGAN: Please do for one second. I just want to make sure we have the record. I guess the official record, Mr. Schneider and Steve, is the transcript you have, right, it's the Stenographer? It is not her recording; is that correct?

MR. MLENAK: The recording that we're doing is the official record, unless we make note that it's going to be the transcript. We've done that -- Mr. Schneider and I have talked about that previously when we were in discussion to hold this in an alternative venue when that wasn't available, and I'd ask Mr. Schneider now if we have to continue would he consent to the same being used as the official record?

MR. SCHNEIDER: I have no objection to

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tower design and you also were referring to the testimony of Mr. Marowski as to the unmanned facility, its operational issues and matters of that.

Let me follow up with a couple of questions in that regard. Let me go back to the tower design. You have referenced the fact that the bid contemplated -- not contemplated -- specified a what I'll call a tree monopole, a stealth tree monopole with the branching. We'll get to this in a little further detail.

But in that regard, I think it's reasonable to indicate that during the course of the public hearing there has been extensive discussion, and frankly inquiry by the Board as to whether the applicant would consider for the Board's consideration the use of an alternate stealth-type structure, that being the flagpole, whether it be a flagless flagpole or one with a flag. You're aware of that; correct?
A. I am.
Q. Okay. And that in part was -- I don't want to speak for the Board -- occasioned by their general familiarity with similar designs that have been deployed at the Green Village Fire Company, as well as the King Shopping Center; correct?
A. Correct.
that. That's why we bring the Shorthand Reporter. I'm assuming -- I didn't check to see if she's doing this, but Bridget or Iris, are you on? I assume you are recording or transcribing?

COURT REPORTER: Yes, Mr. Schneider, I am online. I have been throughout.

CHAIRMAN FLANAGAN: Okay. Then it's okay
then Steve or Mr. Schneider to proceed without Lori
back on; is that correct?
MR. MLENAK: That's right. This transcript will now serve in lieu of the audio recording as the official record.

MR. SCHNEIDER: And we do obviously have the video so everyone is still able to see all of the exhibits and presentations.

CHAIRMAN FLANAGAN: All right. Sounds
good. Sorry about that, but go ahead, please.
MR. SCHNEIDER: By the way, Iris, if for some reason you need a break just jump in. Maybe we'll be able to get you through eleven o'clock, but I'll just offer that as a courtesy.

COURT REPORTER: Thank you, Mr. Schneider. BY MR. SCHNEIDER:
Q. Mr. Masters, you were -- let me just refresh your recollection. We were talking about the

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Q. Okay. You discussed, and you made reference in large measure to some of the operational or benign operational aspects of the facility. You referred to Mr. Marowski's testimony about the periodic maintenance visits.

Just for purposes of the record and without repeating that, there was extensive testimony all the way back in April and May of 2019, in the course of his testimony relative to the design of the compound and supplemental landscaping; correct?
A. Correct.
Q. Okay. Now, the tower as proposed, whether it be a flagpole or a tree monopole it's irrelevant in most material aspects, will be designed to accommodate future collocators; is that correct?
A. That is correct.
Q. And the tower has similarly been offered by the Applicant to be made available free of charge to any township or other emergency service entities that require free use of the tower; is that correct?
A. Yes. That is my understanding.
Q. Okay. Let's talk about the, for a moment, the location without rehashing the site plan. The location of the compound vis-a-vis the DPW facility, do you have a thought in terms of its -- whether the
location of the compound in any way has the potential to operationally interfere with any ongoing aspects of the DPW property?
A. I do. It's location will not in any way interfere with the operational aspects of the DPW use either for the primary functions of the department of public works in terms of maintenance of public facilities, or for the operation of the Township Recycling Center.

The compound is proposed to be located at the rear portion of the recycling shed, and it will be out of the way both in terms of pedestrian traffic, as well as vehicular traffic.
Q. The compound as I recall it comprises only of 1800 -square feet to include both the proposed tower, the equipment of Verizon, and the ability to accommodate a collocator.

So you have a thought in terms of the significance of the 1800 -square foot compound on a 4.21-acre piece of property?
A. I do. The 1800 -square foot equipment compound area, 30 -feet-by- 60 -feet on the 4.21 -acre piece of property translates into an increase in impervious coverage of 35 one-hundredths of one percent, a .35 -- excuse me, a .35 percent increase in

CHAIRMAN FLANAGAN: Yes. That would be great. And Lori, are you back up and running? You're on mute. You're okay? Okay.

Mr. Masters, if you can share your screen that probably would be easiest.

THE WITNESS: Okay.
MR. SCHNEIDER: So what I've done, Counsel and Mr. Chairman, is I have submitted what I'll just for organizational purposes, three different proposed exhibits. The first one I don't think we need to spend a lot of time on, but I've premarked them as -- let me pull it up here, Exhibits A-28, A-29 and A-30, which are being screen shared by Mr. Masters at this time for the benefit of the public.
(Exhibit A-28, A-29, and A30, was received and marked.)
BY MR. MASTERS:
Q. Mr. Masters, I see that the first thing that you have displayed, which technically is part of A-28, is what I'll generically call, essentially, a key map from where you've taken certain photographs; is that correct?
A. That is correct.
Q. Okay. And before we -- I may have made an erroneous assumption that the Board is very familiar
the overall impervious coverage from an existing coverage of 42.65 percent, to an impervious coverage of 43 percent, which I believe constitutes an insignificant increase in the overall impervious coverage.
Q. Okay. You had mentioned right from the beginning of your testimony that you had undertaken a visual analysis at various specific designs and heights. You've also just moments ago briefly discussed at least two of the design alternatives.

Perhaps now having gone over -- with that background and gone over some of the operational aspects now might be -- just checking the time here -the appropriate time to present the benefits of your visual analysis.

MR. SCHNEIDER: And let me just refresh everybody's recollection. We did have a specific discussion a number of meetings ago about what the Board's specific request was relative to the types of design and we have followed those and have, as I promised, submitted those in advance. I don't know whether the Board has seen them in advance but they are posted on the website. But based on Lori's computer issues I think Mr. Masters can share that with you. Mr. Chairman, we can proceed on that basis?

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A. Correct.
Q. Okay. Go ahead. I'm sorry. And just take a moment, if you can, you reference the crane test, and how do you utilize the crane as distinct from a balloon? The crane obviously being the more definitive way of undertaking. How does that transform itself into the visual analysis that you did?
A. There are generally two methods to perform the analysis: One, is a balloon test where you inflate a 4-foot diameter, usually red balloon, and float it at the height of the proposed tower. The difficulty -the practical difficulty with that methodology is that you have to have ideal weather conditions, specifically ideal wind conditions, because especially the higher you go the greater the wind turbulence.

So the preferred method of doing this is with a crane where you have a stationary crane mast where you can put the top of the mast up at the top height of the proposed installation, in this case it was at 146 feet. That was at the top of the crane mast.

The exhibit here, which is an aerial photo location exhibit, the yellow numbered circles depict the various vantage points. The red circle depicts the approximate area of the location. It's not the precise

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the number seven on the image. The parking lot area's
there. The parking lot next to the Tunis-Ellicks
House. The other parking lot further to the west.
Sandwiched between numbers six, two and
three is the New Vernon Post Office, restaurant
facility and parking lot. Across the street where the deli building is located at the corner of Millbrook
Road and Village Road, approximately midway between the numbers two and three on the north side of Village Road would be where the Chase Bank used to be. I think we can move on to the next image.
Q. Mr. Masters, I don't want to spend a lot of time on A-28, but I want to present A-28 just for the purpose of showing what the original design was as contemplated by the public bid at the higher height and the tree pole; is that correct?
A. That's correct. And the reports do, of course, of this exhibit is that it establishes the eight vantage points, in other words, the before shots, the pictures of the crane as it existed on February the 27th, 2018.

Image one, this is the view from Millbrook Road at the entry driveway to the Harding Township Department of Public Works and Recycling Center.

The next image 1A, this would be the tree
area, but it's obviously the property which is the subject of the installation. The pole itself is just to the left of the "S" in "site," if you see that at the center portion of the image.

You can see the white roof there to the left of the word "site" is the roof of the recycling shed. The municipal garages to the north, obviously the newer building which I believe was constructed sometime in 2019 did not exist at the time this crane test was done, or when this image was flown, which was August 27, 2016.

I think that's -- just to give a quick oversight, you've got major east-west road, Village Road, Lees Hill Road, to the left right above the word "Lees" would be the Presbyterian Church. The school would be up to the left just outside the edge of the image. Millbrook Road running diagonally across Village Road. The New Vernon Firehouse and volunteer ambulance squad facility to the extreme right or eastern portion of the image.

You can see the access driveway kind of curve, a linear access driveway coming in off of Millbrook Road right about where the number one is on the image, and that obviously circles around to the DPW, the Tunis-Ellick House just to the northeast of

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monopole at the top-of-branching height of 126 feet.
Q. One hundred twenty-six or 146 ?
A. I'm sorry. 146 feet. Top of pole 140 feet; top of branching 146 feet.

Image two, this is a view from Village Road at number 17 in front of the entrance to the New Vernon Post Office. That was the restaurant The LaDiDa, which was the predecessor to the cafe. You can see the crane in the center portion of the image. Image 2A, the simulation of the 146-foot tall tree pole.

Image three, this is a view taken from
Village Road kind of in the heart of the Historic District between numbers eight and ten, eight being on the left, and ten on the right, I think. Looking towards the DPW property you can see the crane in the center portion of the property.

This particular vantage point was taken from in front of number 9 Village Road, which was at one time known as The Academy, which is one of the four contributing factors to the New Vernon Village Historic District.

3 A , the simulation showing the 146 -foot tree pole.

Image four, this is taken from Copper Tree
Lane at number six, in front of number 6 Copper Tree

Lane. The corresponding photo simulation 4A showing the tree pole in the center portion of the image.

Five, this is a view that was taken from the backyard of number 7 Lees Hill Road. You can see the crane in the center portion of the photograph. The corresponding photo simulation 5 A of the tree pole.

Image six, taken from the backyard of number 14 Village Road. This is the house that is immediately east of the post office restaurant property on Village Road. You can see the crane there in the center portion. Simulation 6A of the 146-foot version of the tree pole.

Image seven, taken from the parking lot at the Tunis-Ellicks House and museum. You can see the crane, the top of the crane in the very center portion of the photograph, image 7A with the tree pole.

And the last view, view eight was taken from the common driveway that services 28 and 32 Millbrook Road, which is to the -- kind of to the south of the DPW property. The crane in the center portion, the photo simulation 8 A below.
Q. Do you want to go on to Exhibit A-29 now, Mr. Masters?
A. We can do that.

So the numbering, you know, system there,

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And here what we did was we simulated, and the " B " versions in this exhibit are all tree poles with a top-branch height of 126 feet. Top-of-pole height of 120 feet. And all of the " C " images are tree poles at 106-foot top of branch height, a hundred foot top-of-pole height.

So here again we have the first image from the entrance drive coming into the DPW the 126 version. We move to the " C " image, the 106 version.

Image 2 B from Village Road at the post
office, 126 feet. Image 2C, 106 feet at the same vantage point.

Image 3B from between 8 and 10 Village Road, opposite number 9 Village Road at 126 feet. 3C 106 feet.

4B from the Copper Tree Lane with 126-foot top-of-branch height of the following image with 106-foot height.

5B from the rear of 7 Lees Hill Road at 126 feet. 5 C at 106 feet.

View six from the backyard of 14 Village Road at 126 feet. 6 C at 106 feet.

Seven, from the parking lot at the Tunis-Ellicks House and Museum at 126 feet. 7C at 106 feet.
one through eight corresponds with the previous exhibit, obviously, the same vantage points. What we do here is we interpolate using the crane. We knew the crane height. We had an established height of 146 feet. We know -- we established where the ground elevation is. There's no significant terrain issues here, either undulating terrain or severe differences in terrain.

The area of the DPW and the surrounding viewshed is relatively flat in nature. So it becomes fairly easy to establish the ground plain. And with some computer applications we interpolate down. You can do this effectively, as long as you're interpolating downward. Doesn't work so well going in the opposite direction, because obviously if you have a crane at a fixed height, say 146 feet, and you want to do photo simulations of what a pole would look like at 166 feet you have no way of really determining what the effect is in terms of the outward expansion of the viewshed by increasing 20 feet up in the air because you haven't driven that outer perimeter of the viewshed to be able to make that calculation or determination. But going in the opposite direction you're going at a lower height, so it's simply -- the computer simply tells you the percentage difference in the height.

And from the driveway at 28 and 32 Millbrook Road at 126 feet. And the final 8C at 106 feet.
Q. Mr. Masters, can I just ask you one question about the tree pole design? Was there a specific tree pole design that you modeled the visual analysis after?
A. There was. It's a tree pole that actually exists and it's not all that far away from Harding Township. It's located at the Delbarton School. You can go up there and it's 300 Mendham Road, Morris Township mailing address, but it's in Morris Township. If you take the east gate entrance and go up around to the right there's a little parking area, and you can walk up to see what that tree pole looks like. I personally, not because I worked on it, but I personally think that tree pole it's definitely the best looking or most realistic looking tree pole that I have seen in New Jersey.
Q. Okay. Thank you. Let's turn our attention to the next Exhibit, I guess A-30?
A. Okay. All right. So now we have switched to the flagpole option. And again same goes for this. Obviously, the same eight vantage points. Each vantage point has an image " D " as in David, and an image " E " as
in Edward. The "D" version is the 120 -foot flagpole. The "E" version is the 100 -foot flagpole.

This is a flagpole that as Mr. Schneider
briefly mentioned earlier it's similar to the one behind the King Supermarket in Mendham. I would note that that particular flagpole is 130 -feet tall. Of course, the " D " version here we're proposing is 120 . We moved to the "E" version and it's 100.

Next image out on Village Road the 120 -foot flagless flagpole. I would note that -- and it can vary, but I would note that normally the upper -approximately, the upper 50 feet is what's referred to as the radome, r-a-d-o-m-e, which is the portion of the flagpole that actually houses the antennas. You'll note that the difference between this type of alternative structure and most of the others, including the tree pole is that you don't see the antennas. They're internal to the structure.

The radome can accommodate a cluster of three antennas. Most of the carriers today find the need to have to utilize two radomes to stack so that they can install six antennas in order to meet their radio frequency requirements.

So that the -- the 2D is the 122 E . Here is the 100 -foot version. 3D out on Village Road 120 feet.

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The other notes that I would make is, at least the observation that I made, the Green Village flagpole was one of the projects that I worked on. I was not involved in the Kings Supermarket flagpole project. The Kings Supermarket -- I noticed the Kings Supermarket flagpole has a rather shiny, or I dare say glossy white exterior paint finish to the pole; whereas, the Green Village Flagpole is more of a flat or slightly off-white color flagpole, which I personally seem to think, especially when the sun is shining in the cloudless sky, tends to work better. Certainly works better when it's a cloudy sky, but also works better in a full sun sky because the glossiness of the white is not reflecting from the sun.

The other distinguishing factor between the Green Village flagpole and the Kings Supermarket flagpole, is that the Green Village flagpole has a gold finial on the top of the flagpole; whereas, the Kings Supermarket flagpole is flat as it appears in these particular photo simulations.

Again, only personal preference. I just think the finial tends to make the structure look more like a flagpole than just a stack extending up in the air. I think even though it may be just a somewhat minor appurtenance, I think it distinguishes the pole

3E a hundred feet.
4D Copper Tree Lane the 120 -foot. 4E the 100 foot which effectively disappears from view.

5D, from the backyard of 7 Lees Hill Road, the 120-foot flagpole version. 5E, the 100-foot flagpole version.

Six, 14 Village Road, 120 feet. 6D is 120 feet. 6 E is a hundred feet.

Seven, back at the Tunis-Ellicks House. D, just happens to be there was nothing done on purpose there, it just happens to be that the pole is located behind that scraggly deciduous tree there in the foreground. 7E at 100 feet. Again, the flagpole becomes somewhat difficult to see because of the trees in the foreground.

Eight, at 120 feet. 8D at 120 feet. And 8 E at 100 feet.

The other distinction that I would point out to the Board, because the other flagpole that Mr. Schneider mentioned earlier this evening was the existing flagpole at the Green Village Firehouse in Chatham Township. The only -- well, there's two differences: That flagpole is a hundred feet in height; whereas, the King Supermarket flagpole is 130 feet.
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as a flagpole as opposed to what is just essentially a pole sticking up in the air.

MR. SCHNEIDER: Mr. Chairman, if I can, it's -- I'll ask for your input. It's a quarter to eleven. We have been going at it. I'm happy to continue, but I'm about to enter with the discussion of the statutory criteria. That's going to take I'm estimating at least a half hour to 40 minutes. Mr. Masters, do you think about a half hour to 45 minutes, you think?

THE WITNESS: That sounds about right.
MR. SCHNEIDER: So I'd rather not -- I'm at a point where we either break or I'd like to go forward. You're volunteers. If you prefer to break at this point that's okay. I just don't want to break up while I'm in the middle of the statutory criteria, if you can appreciate that.

CHAIRMAN FLANAGAN: Understood. And I apologize for running late with the previous application. I would say if we were going to go a little past eleven let's continue, but I think the chance that we end up going to 11:30 it's frankly just too late. I think --

MR. SCHNEIDER: And I don't want to go to 11:04 and then right in the middle of that

1 discussion -- of that discussion. So now would be, I
want to say call it an early evening, but now would be probably the time to break with the obvious commitment that we'll come back at a date, whether it's special or otherwise depending on your agenda, to complete Mr . Master's testimony and proceed with the Board and/or public and/or Mr. Simon's questions at that time.

CHAIRMAN FLANAGAN: Yes. So why don't we break now. We will be back -- or this application will be heard at the next regular meeting on the Thursday night.

MR. SCHNEIDER: I don't know if Lori's available. Given the importance and probably not -some significant questioning by either the Board, or certainly from Mr. Simon based on past experience, would we anticipate having a good portion of that evening?

CHAIRMAN FLANAGAN: Yes. As it stands it looks like we have four other applications that will be coming before the Board for next month. I believe they're ready to go. And if that's the case I'll hold a special meeting for those other applications keeping this application on a regular night which will afford you probably the entire night.

MR. SCHNEIDER: That would be appreciated.
you know, taking a guess you thought two hours, maybe two and a half of cross. What would the next witness be for you, Mr. Schneider?

MR. SCHNEIDER: At this point that would be probably be my last witness.

CHAIRMAN FLANAGAN: Okay. And Mr. Simon, do you expect you're going to present any witnesses?

MR. SIMON: I will present witnesses. Good evening.

CHAIRMAN FLANAGAN: Good evening. How are you?

MR. SIMON: I'm well. So I will definitely present at least probably two witnesses, maybe more, and in fairness to the Board and certainly the Applicant, Mr. Schneider, I will try certainly my best by the next meeting to at least be in a position that as we get closer to the end of that meeting and talk about scheduling and housekeeping that I'll try to give the Board certainly, you know, my best estimate, if not expectation, in terms of timing and witnesses going forward.

CHAIRMAN FLANAGAN: Yes, I would appreciate it, because it sounds like the next meeting we'll conclude not only the Applicant's witnesses, but I think -- I hope your cross-examination of the

So just for purposes of the record I'm going to quickly look at my calendar here just to make sure I carry it to the right date. Well, the old tax date, April 15th -- oh, no, I'm sorry.

CHAIRMAN FLANAGAN: No, that's correct.
MR. SCHNEIDER: April 15th?
SECRETARY TAGLAIRINO: Yes.
MR. SCHNEIDER: So we'll grant an extension of time both under the MLUL and the Shot Clock to April 15th. No further notice will be required of the public. The public can access the meeting in the same way as we've done with the posting on the website, if that's all acceptable to you and Counsel?

CHAIRMAN FLANAGAN: Yes. The Board accepts the extension, or I'm still not sure, Mr. Schneider, exactly what we do here, but we extend it as well.

MR. SCHNEIDER: We're cooperating, I guess, is what I would say.

CHAIRMAN FLANAGAN: There we go.
MR. SCHNEIDER: So we will see you on the old tax date then on April 15th at 7:30.

CHAIRMAN FLANAGAN: Yes. And let me just ask very quickly. I want to get a sense for this application going forward. We're going to have Mr. Masters back at next meeting. Mr. Simon I think said,

Applicant's witnesses. So at that point the next meeting will either be your witnesses or we'll be ready to vote.

MR. SIMON: Like I said, I'm going to definitely have two witnesses at a minimum.

CHAIRMAN FLANAGAN: All right. Fair enough.

All right. So then we're carried till next month. Is there anything else Mr. Schneider, Mr.
Simon? Is that it for this application for the night?
MR. SCHNEIDER: None for me. Thank you, Mr. Chairman. Thank you all.

MR. SIMON: That's it for me.
CHAIRMAN FLANAGAN: All right. Thank you.
Is there any other business before the Board.
(Whereupon, the Board discusses other Agenda business at this time.)
(The hearing on this application concludes at 10:53 p.m.)


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