In The Matter Of:

In Re: Bonnie Burn

Transcript of Proceedings February 18, 2020



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- 1 CHAIRWOMAN SCHAEFER: Okay. I want to
- 2 thank you for indulging us. And we have gone back
- 3 online at 7:45 p.m.
- 4 The Chair seeks a motion to continue
- 5 the BNE application.
- 6 MR. ELLIS: So moved.
- 7 CHAIRWOMAN SCHAEFER: Thank you.
- 8 Second?
- 9 MS. SPRINGLER: Second.
- 10 CHAIRWOMAN SCHAEFER: Thank you, Ellen.
- 11 Discussion?
- 12 (No response.)
- 13 CHAIRWOMAN SCHAEFER: Roll call,
- 14 please.
- MS. SNYDER: Ms. Spingler?
- 16 MS. SPINGLER: Yes.
- MS. SNYDER: Mr. Ellis?
- 18 MR. ELLIS: Yes.
- MS. SNYDER: Councilman Martino?
- 20 COUNCILMAN MARTINO: Yes.
- MS. SNYDER: Ms. Pennett?
- MS. PENNETT: Yes.
- MS. SNYDER: Mayor Balla?
- 24 MAYOR BALLA: Yes.
- MS. SNYDER: Mr. Speeney?

- 1 CHAIRWOMAN SCHAEFER: Thank you,
- 2 Ms. Coffey.
- 3 MS. COFFEY: Thank you.
- 4 CHAIRWOMAN SCHAEFER: All yours.
- 5 MS. COFFEY: Thank you, I appreciate
- 6 it. Can everyone hear me? Am I the right height?
- 7 Great.
- 8 So thank you. As you all have said,
- 9 we're back tonight. The applicant is Bonnie Burn
- 10 Urban Renewal Entity, LLC. I think at this point we
- 11 all know what property we're talking about, so I'm
- 12 not going to rehash that.
- I will just talk a little bit about
- 14 who's with me this evening. We have Mr. Keller,
- 15 who's the project engineer. He's returning to
- 16 address a few open items that we had from our meeting
- 17 at the end of January, so he'll be here to cover
- 18 those.
- And then after him, we have Jack Raker,
- 20 who is the project architect. He will be reviewing
- 21 the buildings that are proposed.
- And then depending on if we have time,
- 23 Mr. Keller will be providing planning testimony as
- 24 well.
- So that's our intentions for the

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- 1 MR. SPEENEY: Yes.
- 2 MS. SNYDER: Mr. Pote?
- 3 MR. POTE: Yes.
- 4 MS. SNYDER: Mr. Fiorilla?
- 5 MR. FIORILLA: Yes.
- 6 MS. SNYDER: Madam Chair?
- 7 CHAIRWOMAN SCHAEFER: Yes. Thank you.
- 8 Okay, Ms. Coffey.
- 9 Oh, my mind is just like --
- MS. SPINGLER: Case No. PB 19-01;
- 11 Bonnie Burn/BNE Bonnie Burn Road Redevelopment, Block
- 12 7402/7403, Lot 19.01, 19.02, 5 & 10. Represented by
- **13** Katharine Coffey, Esquire. BBRRA Zone. Expiration:
- **14** 3/31/20.
- 15 CHAIRWOMAN SCHAEFER: Thank you.
- 16 Before we continue on with this
- 17 application, if anyone is here tonight for The
- 18 Learning Experience, that has been continued until
- 19 our March 17 meeting.
- So they will not be heard and there
- 21 will be no further notice for that.
- MR. LINNUS: So if you're interested in
- 23 TLE, come back on March 17th and presumably they'll
- 24 be here.
- No further notice will be given.

- 1 evening
- 2 CHAIRWOMAN SCHAEFER: And just a
- 3 question, when do you think environmental will come
- 4 up?
- 5 MS. COFFEY: So our intention would be
- 6 to have our environmental person come at the next
- 7 meeting.
- 8 Well, I would say, it depends on how
- 9 far we get in all of this today, but assuming that
- 10 we're able to advance through the rest of
- 11 Mr. Keller's engineering testimony and our
- 12 architecture testimony, we would expect that
- 13 environmental would come after that.
- 14 CHAIRWOMAN SCHAEFER: And I'm going to
- 15 make an announcement to the public that, again, as we
- did last meeting and the last several meetings, when
- 17 testimony is given, we will open it up to the public.
- We will first open it up to Mr. Butler,
- 19 who represents Weldon, the opposer, to ask questions
- 20 of the witness or the expert. We will then open it
- 21 up to the public to ask questions of the expert.
- I will make this statement loud and
- 23 clear. I gave a lot of latitude at our last meeting
- 24 to ask questions of previous testimony that was not
- 25 done that night. We are not going to do that

Page 9 Page 11 1 tonight. We're also not going to -- I am not going 1 One, the outside corner, this is 2 to allow comments. It is questions only. 2 Building 3 in the plan view (indicating), we have You will have ample opportunity to shown a variety of plantings in this area to provide 3 4 mention or make any comments you have at the end of 4 screening for any headlight glare that may come as 5 the application, but if you start making comments, I vehicles come around this curve. The roadway is 5 6 will shut you down. And I don't want to be harsh higher than the adjacent ground and we have a mix of 6 7 about it, but I have to follow our rules. 7 evergreen trees, deciduous shrubs, and evergreen Ms. Coffey? shrubs along that area that are layered in so that 8 8 MS. COFFEY: Thank you. there is ample buffer through that area. 9 9 Mr. Keller, I'd ask you to come up and We have also changed the detail to show 10 10 a composite fence. It is not the color. We couldn't 11 join me, please. 11 MR. KELLER: Good evening, everyone. find a photograph of a lighter earth-toned composite 12 12 fence. So this is to show the style of the fence. 13 ERIC KELLER, 13 14 54 Horsehill Road, Suite 100, Cedar Knolls, New not the color of the fence (indicating). 14 15 Jersey 07927, having been previously sworn, And those are the changes that we made 15 16 continues to testify as follows: 16 to that plan. CHAIRWOMAN SCHAEFER: And the fence is DIRECT EXAMINATION 17 17 BY MS. COFFEY: 18 going, if you can just show us. THE WITNESS: The fence would be along 19 Q. Mr. Keller, you were previously sworn, 19 the top of the retaining wall and extending northerly 20 correct? 20 21 A. Correct. along the loop road to where the retaining wall ends 21 towards the bioretention basin. 22 Q. Thank you. 22 MS. COFFEY: And Mr. Keller's MS. PENNETT: I mean, I know you said, 23 23 credentials as an engineer were previously accepted you know, shrubs and so forth. Can you be more --24 24 25 by the board, I believe, just for the record. can you be a little more specific? Page 10 Page 12 CHAIRWOMAN SCHAEFER: Yes. THE WITNESS: Sure. 1 1 BY MS. COFFEY: MS. PENNETT: Exactly what types. 2 2 3 Q. Mr. Keller, why don't you -- we start THE WITNESS: We have American holly, 3 by talking about some of the changes that we had 4 there are, I believe, nine of those. Those are agreed to make at the January hearing with regard to planted height of 8 to 10 feet. Those are located --5 additional plantings, please. 6 where did they go -- disbursed along that. 7 A. What are --7 Then we have Serbian spruce. These are picked because of the shading from the deciduous 8 O. I think we're on A-11. I'll double 8 9 check. 9 trees that are to the south of us. So both of those MR. LINNUS: I think the last exhibit are shade tolerant evergreens. We have --10 10 CHAIRWOMAN SCHAEFER: How tall would was A-10. 11 11 12 Does that ring a bell? 12 they be? MS. COFFEY: That's what I had, too. THE WITNESS: Those are also 8 to 10 13 13 That makes me feel better. feet in height. We have four of those. So we have a 14 14 (Whereupon, Rendering entitled, total of 13 evergreen trees in that stretch. 15 15 "Supplemental Buffer Plantings" is received We then have a mix of deciduous shrubs 16 16 and marked as Exhibit A-11 for that include witch hazel, highbush blueberry, 17 17 identification.) Mapleleaf viburnum and another viburnum species. 18 18 THE WITNESS: Okay. So I have marked They range from 2-and-a-half to 6 feet in height at 19 19 Exhibit A-11 with today's date. It is entitled, planting. 20 20 "Supplemental Buffer Plantings." The rendering is So, again, we're layering those in 21 21 dated today as well. there and there's approximately 57 of those deciduous 22 22 23 This supersedes Exhibit A-10 from the 23 shrubs in that area and then we have Mount Laurel. last meeting and what we have done on this based on which is an evergreen shrub planted at 4 to 5 feet in 24 24

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the discussions at the last meeting, two things.

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height and we have 15 of those through that same

Page 13 Page 15 1 area. 1 With the organics, it can vary widely 2 within the product that you're getting. So you can 2 So there's quite a dense planting of buffer material from low up to high. end up with greater need to apply and, you know, what 3 3 4 MS. PENNETT: Yeah, I was more 4 we're trying to do is to manage this through a licensed certified landscape contractor, which BNE concerned if they were the native plants. It seems 5 uses for all of their communities. So... like they're more of the native plants. 6 6 7 THE WITNESS: Yes, yes. 7 Q. Mr. Keller, can I just ask you to BY MS. COFFEY: remind folks about what portion of the property would 8 8 be given this treatment, in terms of how many acres 9 Q. Okay. A. The only ones that are -- the only one we're talking about of the 41 that are subject to the 10 10 11 that is not native is Serbian spruce. We would 11 application? 12 A. Thank you. typically -- I shouldn't say typically, we would like 12 to specify hemlock, but with the issues with the We are talking about treating three 13 13 disease of hemlocks, we tend to stay away from those. acres of the property. There's three acres of lawn 14 14 There's no guarantee that they would become diseased, area around the buildings, around the clubhouse that 15 15 but why, you know, tempt fate. is a lawn area that would be treated, which is about 16 16 So we went with Serbian spruce to 17 7 percent of the entire site. 17 18 provide the same type of evergreen plantings, but 18 So it's a very nominal area that we're without the worry of disease potential. treating and we -- our opinion with the applicant is 19 19 20 Q. So that probably is a good transition that using the synthetic, what everybody or most 20 to the next topic that we were reporting on, which everybody buys at the store applied by a licensed 21 21 was we've been asked to look into whether organic contractor is a more efficient and appropriate way of 22 22 fertilizer, insecticide, and pesticide are a viable applying those materials in a uniform manner and 23 23 possibility for the property in lieu of a more minimizing how many times we would have to apply. 24 24 25 commercially available one. 25 MS. PENNETT: Right. Page 14 Page 16 So why don't you talk about that, But then what about the runoff when it 1 1 please? rains and stuff, when it runs off, it's all going to 2 2 go into the basins and it's going to go into the 3 A. Sure. 3 I want to preface this by saying 4 wetlands. 4 whether it's a synthetic fertilizer or an organic 5 So you're not -- yes, you're getting fertilizer, it's still providing the same basic instant gratification, but you're not -- you know, 7 nutrients that lawns need to grow. You have 7 the whole aspect of the environment is --THE WITNESS: Well, I'll talk a little nitrogen. You have phosphorous. And you have 8 8 9 potassium. The difference is how that -- those 9 bit more about the bioretention basins in a little nutrients are delivered to the lawn. bit, but the point is the nutrients which are used 10 10 The synthetic, it's a chemical makeup for all plant growth, I mean all plants use nitrogen, 11 11 12 for that. The organic materials are naturally potassium and phosphorus for growth. Without that, I 12 sourced. They're derived from pine needles, mean, they wouldn't grow. So they're all necessary 13 13 decomposed grass clippings or decomposed animal 14 for the plants. 14 maneuver. The issue with organic materials is that What you don't want to do is to provide 15 15 it is not as control -- a controlled process as far too much of that material, because an 16 16 as the amount of nitrogen, phosphorous and potassium

material.

what you're getting.

that is applied. So it's possible that more

And as I testified to at the last

applications of the organic fertilizer would need to

meeting, it's four times a year and they're putting

it down, and there's a uniform application of that

be made, because with the synthetic you know exactly

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it's application.

over-application of that creates unwanted growth or

actually too much of it can be toxic and that some of

our concern with the organic material is because they

all contain the same nutrients is that we're applying

it more often because it may not be as effective in

bioretention basin is only what overspreads onto a

sidewalk or onto a paved surface and then is washed

And what would end up in the

Page 17 Page 19

- into first the bioretention basin. So I'm going to
- 2 hold that discussion for a little bit.
- 3 MS. COFFEY: We thought it would be
- helpful to talk about winter-storm treatment before
- 5 we get into the bioretention basin, because it
- 6 processes those applications similarly, but we don't
- 7 -- I don't mean to cut off the questions on the
- 8 insecticide, pesticide and fertilizer, but I just
- 9 wanted to let you all know that that was our thinking
- in terms of sequencing.
- 11 THE WITNESS: And just a point on
- 12 insecticide, that's applied once a year. That's part
- of the summertime fertilizing program where the
- 14 fertilizer is combined with an insecticide to deal
- with grub in the lawn. That's a summertime thing.
- 16 It's once a year.
- And the herbicide for the weeds is also
- 18 part of the spring feeding and the fall feeding. So
- 19 that you're getting it before the weeds take hold of
- your lawn and at the end of the year you're using it
- 21 to prevent or minimize the weeds that show up the
- 22 next year.
- So those are applications that are made
- as part of the four-step application process.
- So to move on to, because there was

- 1 the sidewalks for both pedestrian safety and
- 2 vehicular safety. I mean, that goes without saying.
- 3 Obviously, they're applying it in
- 4 appropriate quantities to provide that level of
- 5 safety without overdoing it.
- 6 But, again, anything that gets onto the
- 7 roadway surfaces ends up in the bioretention basin --
- 8 the two bioretention basins. So...
- 9 BY MS. COFFEY:
- 10 Q. And now let's talk about bioretention
- basins to Ms. Pennett's question.
- 12 A. Let's talk about bioretention basins.
- 13 I'll try not to get too technical.
- But bioretention basins are the -- kind
- of the highest and best stormwater management
- 16 facility that's recognized in the stormwater rules.
- 17 They're dynamic. They're living ecological systems
- 18 that are designed to protect the integrity of the
- 19 downstream ecosystem. The whole purpose of the
- 20 state's stormwater rules is to control quantity and
- 21 to protect water quality. So all of the paved
- surfaces on the site are directed into two
- 23 bioretention basins.
- I'm referring to Exhibit A-5. We have
- a bioretention basin in the northwest corner of the

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- also a question about what is the impact of the icing salts that are used in roadways and parking lots on
- the bioretention basins.
- First off, there's a number of
- 5 different deicing treatments that are available. BNE
- 6 uses only calcium chloride. So their contracts with
- 7 their vendors only use calcium chloride. Calcium
- 8 chloride is the most effective means of dealing with
- 9 deicing and is also the most water soluble and will
- 10 melt into and dissolve into calcium and chloride.
 - Calcium is also something that while
- 12 plants are using it in the wintertime because they're
- dormant, it is part -- it is a nutrient for plant
- 14 growth. So it is a better solution than using rock
- salt, which is sodium chloride. Sodium in high
- enough levels can be toxic to plants and can have a
- 17 negative impact.

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- Now, of the 41-acre site, only
- 5-and-a-half acres of the site, about 12 percent or
- 20 13-and-a-half percent of the entire site is paved
- 21 areas, parking lots, roadways, sidewalks.
- So, again, it's a fairly small area
- that would be treated with the calcium chloride.
- 24 Obviously, I don't need to explain to you the
- 25 importance of properly salting the paved surfaces and

- site near the roundabout and then we have one in thenortheast corner of the site adjacent to Building 4.
- The design of these facilities involves
- 4 a couple of different elements. The hydrologic
- 5 cycle, how we manage the storm attenuation of
- 6 different rainfall events; non-point pollution,
- 7 pollutant treatment; the water quality aspect of it;
- 8 resource conservation; habitat creation; nutrient
- 9 cycles; and ecology.
- These bioretention basins have a 2-foot
- soil layer underlain by a 6-inch sand layer and then
- below that at a minimum, 12-inch stone layer with
- underdrains that convey the water after it's been
- 14 filtered into the outlet structure and then on into
- 15 the downstream facilities.
- These are planted areas. We have an
- 17 extensive seed mix that's applied to the whole bottom
- 18 of the basin with -- where did my -- bear with me a
- second here, my notes for this project have gotten alittle voluminous.
- 21 What we're planting in the bottom of
- both basins is a mix of milkweed, aster, broomsedge,
- 23 bergamot, switchgrass and bluesteam grass.
- In addition, there are deciduous trees,
 - evergreen trees and deciduous shrubs planted

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Page 21 Page 23 throughout the basin. 1 THE WITNESS: That's okay, Chairwoman. So there's a lot of plant material in 2 As far as herbicides, pesticides, salt 2 the bottom of these basins, which filters suspended that may run off from the site, the mulch layer 3 3 solids and also absorbs any excess nutrients that are 4 4 that's provided in the bioretention basin and the washed off of the lawn areas will be absorbed by the plantings help filter these materials out before they 5 5 plant material in the basins. will be discharged, again, downstream. 6 6 7 Now, the function of these basins, is, 7 Most importantly, I think is that with one, to remove pollutants that are generated by land 8 any stormwater facility, this is not a build it and, 8 development sites and these include suspended solids, 9 you know, we're done. 9 excess nutrients, metals, hydrocarbons and bacteria. There are requirements that stormwater 10 10 11 That is accomplished in three ways. 11 facilities are maintained. As part of any stormwater Physical treatment, where the water management design we have to prepare an operations 12 12 flows through the vegetation and that vegetation and maintenance manual. There are quarterly 13 13 traps those suspended solids and particulates within inspections that are required. There's an annual 14 14 the vegetation. inspection that is required. 15 15 There's a chemical treatment. Certain We have to provide an annual report to 16 16 chemicals are positive and negative and they attach 17 the borough engineer and if there are damage or plant 17 to the soil layer that we are providing in the bottom 18 die off or anything, that has to be corrected and of these basins and then there's also the biologic that is noted in the quarterly reports. 19 19 treatment, which is the vegetation that's So this is an ongoing process where the 20 20 self-absorbing the nutrients, whether it's from 21 facilities are constantly maintained. 21 fertilizers or the calcium chloride that washes in CHAIRWOMAN SCHAEFER: Who do you send 22 22 there, all of those things are absorbed by the plant those reports to, the quarterly reports? 23 23 material. The total suspended solid removal rate for THE WITNESS: The quarterly reports are 24 24 25 these basins is 90 percent. That's the highest level held and then they're combined into the annual Page 22 Page 24 that we can provide within a facility. So the report, which is submitted to the borough engineer, quality of the water leaving these basins is, you because the borough engineer is then responsible to 2 know, well-treated. 3 file the borough's annual report under their Tier A 3 The bioretention basins have proven to 4 Stormwater Permit with the DEP. 4 be very effective in various studies removing 5 I've had the joy in two different 5 phosphorus levels, nitrogen levels, which are common municipalities I represent of being audited by the 7 components of fertilizers. They remove oils and 7 DEP to make sure that the process is being followed. grease that come off of cars that are on the roadways 8 So the DEP is very active in this. 8 9 that get washed into the basins. They remove salt 9 And, you know, we do inspections for a number of our ions, both sodium if, you know, that happens to be clients on various projects throughout the state and 10 10 used, which it won't be, and calcium. provide that information to the municipal engineers. 11 11 12 It also reduces the heat in the surface 12 So that is an ongoing process that is 13 runoff, because it's run through the basin, it has 13 done. time as it seeps through the ground or is trapped by CHAIRWOMAN SCHAEFER: Yes, Mayor. 14 14 the vegetation. It cools the water before it is MAYOR BALLA: Question for you. 15 15 discharged into the downstream systems. THE WITNESS: Yes. 16 16 Bioretention basins remain effective MAYOR BALLA: What's the reduced water 17 17 during the wintertime while the plants are dormant. volume that goes now to the wells and wildlife by 18 18 There is still plant mass there. There is still the virtue of the project when it's completed? 19 19 soil bed there. So they are still effective during THE WITNESS: Well, groundwater 20 20 cold weather. recharge, as I talked about at the last meeting, 21 21 CHAIRWOMAN SCHAEFER: Excuse me. The there really isn't a lot. 22 22

you want to sit.

Okay, I'm sorry.

people that just came in, there are seats up here if

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else, right?

MAYOR BALLA: Groundwater recharge

means it's not recharging, it just runs off somewhere

Page 25 Page 27

- 1 THE WITNESS: Well, it runs off today,
- and that's why we have an underdrain system in these 2
- basins is because the underlying soil is not very
- 4 permeable.
- So today it runs off into the wetlands 5
- and then it runs down, you know, whether it's towards
- the Green Brook in Berkeley Heights or down towards
- 22 and ends up in the Green Brook down there. 8
- With these bioretention basins, we are 9
- providing a better opportunity for at least, because 10
- 11 the 2-foot sand -- 2-foot soil layers that we're
- putting in the bottom of the basins will retain some 12
- of the water, because it is a much more permeable 13
- soil, but when it gets to a certain point, that's why 14
- the underdrain is there and then it just runs out. 15
- We are not reducing the volume of 16
- runoff from the site. The rules do not require us to 17
- reduce the volume runoff from a site. We have to
- attenuate the rate of runoff and that is being done. 19
- 20 BY MS. COFFEY:
- 21 Q. So just to put it plainer English, when
- you say you're attenuating the rate of runoff, what
- you mean is you are slowing down the amount of volume
- that's coming out at any given time?
- 25 A. Yes.

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- 1 And we are maximizing what we are
- 2 doing. I mean, first off, we're only disturbing
- 15-and-a-half acres of a 40-acre site. Of that, 3
- 4 5-and-a-half is pavement. I don't -- the overall
- impervious coverage is about 20 percent, if I recall. 5
- So 80 percent of the site is remaining where it would 6
- 7 recharge whatever into the ground.
- We're providing an opportunity with the 8
- 9 bioretention basins to provide habitat for other
- birds and butterflies that really don't have a 10
- 11 habitat on-site today.
- Q. Eric, is the water going to the same
- route after the plans as it's going before the plans?
- 14 A. Yes.
- 15 The site is -- has a ridge line. The
- 16 western part of the site flows in a westerly
- direction towards the Green Brook. You know, it ends
- up out in Bonnie Burn Road and is piped up the Green
- Brook in Berkeley Heights. 19
- 20 Q. So --
- 21 A. The eastern part of the site -- I'm
- 22 sorry.

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- O. Go ahead, I'm sorry. 23
- 24 A. The eastern part of the site flows down
- to the stream that's on the eastern part of the

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- My question relates to the existing
- 2
- wells that are there and the wildlife that's there is 3

MAYOR BALLA: That I understand.

- dependant upon the existing runoff and volume of 4
- water that builds on that site. 5
- 6 So if you now divert that water
- 7 somewhere else, the wildlife and wells don't get the
- same volume of water. 8
- 9 Is that correct?
- THE WITNESS: No. I mean, the 10
- wildlife, we're actually creating a better 11
- 12 environment with these basins.
- 13 We're providing greater diversity
- instead of a -- you know, a monoculture of a wooded 14
- area. The wells -- if -- whatever wells are in the 15
- area are drawing from an aquifer below the grade of 16
- this soil surface. The borough engineer's 17
- representative was out there when we did all the test 18
- pits and looked at the soils. The soils at the 19
- surface are not permeable. 20
- So what is falling from the sky and 21
- hitting the ground is not -- I mean, I'm not saying 22
- 23 that there is absolutely no permeability, that
- there's no seepage of water into the ground, but 24
- there's very little. 25

- property, which then is picked up by the stormwater
- sewer system in Bonnie Burn Road and does down the
- hill to 22. We're not changing that pattern. What 3
- 4 goes towards Berkeley Heights today, will continue to
- go to Berkley Heights. What goes down to 22, will 5
- 6 continue to go down to 22.
 - I hope that answered your question.
- 8 COUNCILMAN MARTINO: I think I
- 9 understand what the Mayor is saying.
- 10 What he's saying is everything within
- that colored area is no longer flowing, it's going to 11
- be caught in the catch basin. 12
- 13 Is that right?
- 14 MAYOR BALLA: Correct.
- COUNCILMAN MARTINO: And, basically, 15
- you're not feeding the wetlands any longer with that 16
- additional 15 acres that you guys are scrubbing, I 17
- believe that's ---18
- MAYOR BALLA: Yes. 19
- COUNCILMAN MARTINO: -- if I'm not 20
- mistaken. 21
- MAYOR BALLA: Right. 22
- 23 BY MS. COFFEY:
- 24 Q. So let me see if I can -- so,
- Mr. Keller, is it correct, though, that we are

Page 29 Page 31 essentially going to continue to feed the same areas 1 COUNCILMAN MARTINO: Okay. that we were feeding before, it's just going to be at 2 It will be? 2 a more, sort of, regular volume as opposed to a flood 3 CHAIRWOMAN SCHAEFER: Yes, sir. 3 4 or a trickle? 4 COUNCILMAN MARTINO: Okay. COUNCILMAN MARTINO: No, that's not MS. PENNETT: A couple of questions. 5 5 possible, not if you're catching all of the roof Someone on the environmental committee asked if the 6 6 7 water, all the roadway, all the paved areas, the 7 bioretention basins are designed and certified to landscaped areas, are going into the two retention treat herbicide, such as Glyphosate. 8 8 basins. Those retention basins are now holding the THE WITNESS: A/k/a Roundup, 9 water that used to trickle down into the wetlands, Glyphosate. 10 10 MS. PENNETT: And 240? 11 correct? 11 MS. COFFEY: Well, I'll let him answer. THE WITNESS: I mean, it's -- the 12 12 COUNCILMAN MARTINO: Okay. bioretention basins will treat all 13 13 commercially-available herbicides. I mean, that's THE WITNESS: Yeah, I mean, you know, 14 14 the design of the stormwater system, yes, we're --15 15 what they do, yes. what is falling onto the wetland complexes along the 16 MR. SPEENEY: Question on the volume of 16 perimeter of the site is still going to go to the these bioretention basins. They're designed to, 17 17 18 stream, is still going to go to the wetlands. obviously, a certain volume. What happens when the What we are capturing within the volume is exceeded? 19 19 developed area does go to the bioretention basins and THE WITNESS: We all should get an ark. 20 20 is piped into the storm sewer system, which is where I'm not -- I'm sorry, I couldn't -- they're designed 21 21 the wetlands discharge today, but we've been to DEP, for the 100-year storm, which is --22 22 the DEP is going to look at this as well. MR. SPEENEY: Every two years. 23 23 We're not negatively impacting the THE WITNESS: I know, but the 100-year 24 24 25 stream or the wetland areas, but, yes, I mean, what 25 storm is kind of a misnomer. It's a storm of a Page 30 Page 32 falls within the developed area, by rule, has to be volume that has a 1 percent chance of occurring in a treated, attenuated. year. We just call it the 100-year storm. It is 2 8-inches-plus of rain in a 24-hour period. That's So, yeah, I mean, but we are not 3 3 cutting off the wetland areas. We are maintaining a 4 what we're required to design to. 4 connection between the wetland area and the northwest 5 If we get the 500-year storm, what will 5 portion of the site, and that -- all along the Bonnie happen is that -- and that's why we have an emergency 7 Burn Road, that complex will still be interconnected. 7 spillway on each of the basins -- it will then over We're providing a pipe through the Boulevard area so 8 top and what it will do is it will flow into the 8 9 that those areas will still relate together. 9 wetland areas. COUNCILMAN MARTINO: Just a real quick MR. SPEENEY: In other words, the 10 10 question, just a clarification. You said they're not outflow would be designed to flow into the wetland 11 11 using salt anywhere on this side, not even on the 12 areas and --12 13 paved area? THE WITNESS: If the basins are 13 THE WITNESS: We're using calcium overtopped, which is an extremely rare event --14 14 CHAIRWOMAN SCHAEFER: But it does 15 chloride. 15 COUNCILMAN MARTINO: You're 100 percent happen. 16 16 sure about that? THE WITNESS: It can happen, yes. 17 17 THE WITNESS: Yes. MR. SPEENEY: But there's a design, you 18 18 COUNCILMAN MARTINO: Because you know designed your basin to handle that? 19 19 it's, like, 10 times the cost between salt and THE WITNESS: Yes. 20 20 calcium? I just did some quick calculations. I 21 MR. SPEENEY: What is it? What happens 21 think you better talk to your contractor -is, is what you said, it just outflows, goes into the 22 22 23 CHAIRWOMAN SCHAEFER: Mr. Martino, if 23 wetlands area, but I'm a little confused as to where that's what they're saying, that is what would be in the -- all that volume is going to run. 24 24

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our resolution.

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THE WITNESS: Well, most of it is --

well, I mean, if this basin overflows, the emergency 1 MR. SPEENEY: Underground system that spillway is pointed into the wetland area in this 2 2 goes into --3 northwestern portion of the site (indicating). 3 THE WITNESS: Right. 4 It then, you know, if it flows out of 4 MR. SPEENEY: Is there a maximum volume the wetland area -- and remember, this rain is associated with that to worry about? 5 falling on the entire area, not just our site. 6 THE WITNESS: Again, that's all 6 7 So I mean, there's a lot of water on 7 designed to accommodate the 100-year storm. the roadways and everything else. This -- it would MR. SPEENEY: Okay. 8 8 still be attenuated by the basin and only when that And what about some of these 9 basin filled up, would it -- could it overtop. With fertilizers that we're talking about, is that going 10 10 the basin by Building 6, it would -- this whole 11 to get in there as well? 11 wetland complex is where it would flow to. THE WITNESS: Into the underground 12 12 MR. SPEENEY: All right. system? No. The underground system is -- there's no 13 13 inlets connecting to that, it's roof drains to MS. PENNETT: The filtration system, I 14 14 understand that, it all sounds great, but after a underground pipes. There are manhole access points 15 15 while filters clog, and, you know, with any coffee for inspection, but there are no open grates. 16 16 makers, vacuums, everything, filters do clog after a MR. SPEENEY: All right. Thank you. 17 17 while and after several years, I mean, sooner or 18 THE WITNESS: You're welcome. 18 later all this filtration system will clog up. How MS. PENNETT: Rainwater from the roof 19 19 20 is -- how are you going to prevent that or how are that is going to the underground system is going to 20 you going to resolve that? get debris and stuff from the quarry and different 21 21 22 THE WITNESS: Well, that's part of the 22 things within the air. maintenance and inspection program. Every quarter, Does that get filtered at all? 23 23 go out there. If there's evidence of sedimentation THE WITNESS: The DEP treats roof water 24 24 25 at a discharge point into a basin, then the as clean water. There is no water quality provisions Page 34 Page 36 maintenance contractor will go in there, they will required for roof water. remove it. If they remove some of the plant material CHAIRWOMAN SCHAEFER: Okay. You can 2 in getting it out, then they restore the soil 3 continue. 3 material that was there, they replant that area, 4 BY MS. COFFEY: 4 re-vegetate it and this is all part of the Q. I think, Mr. Keller, at this point we 5 maintenance program that's provided. were going to talk about, we had an inquiry in 6 7 So it's an ongoing thing. It's not 7 January about our waterline and whether it was going to be that it's not done at any point. looped. 8 8 9 MS. PENNETT: And then when they remove 9 A. Correct. I have reviewed the Residential Site 10 this material, where is it taken to? 10 THE WITNESS: They have to dispose of Improvement Standards for water systems and this is 11 11 12 it in accordance with solid waste rules. spelled out in Section 5:21-5.3, which talks about 12 CHAIRWOMAN SCHAEFER: Any other the need for looped water mains so that customers are 13 13 questions at this point before we allow them to provided water from multiple directions and our -- I 14 continue on? have another exhibit I think will help. A-12. 15 15 MR. SPEENEY: Question about the O. A-12. 16 16 underground basin. (Whereupon, Utility Plan is received 17 17 THE WITNESS: That serves -and marked as Exhibit A-12 for 18 18 MR. SPEENEY: That takes the runoff identification.) 19 19 20 from the roof? 20 THE WITNESS: It's a very high-tech THE WITNESS: Correct, roof water. rendering. 21 21 MR. SPEENEY: The liters are piped This is Sheet 6 of 22 of the plans. 22 22

Page 33

sir.

directly into the --

THE WITNESS: Underground system, yes,

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It's the utility plan, last revised November 15th of 2019. This is the same plan that is in the set of

site plans you received, except that I've highlighted

Page 37 Page 39 the water main in blue (indicating). 1 So there is more than sufficient flow We have a 12-inch main in Bonnie Burn 2 and pressure available in Bonnie Burn Road to serve 2 this community. Road. We tap off of that to a standard New Jersey 3 3 American hotbox, which contains all the valving, the 4 CHAIRWOMAN SCHAEFER: Councilman meters and so on. Martino, these were your questions from the last 5 5 We then come up the boulevard road and 6 meeting. 6 then we have a fully-looped system within the site 7 COUNCILMAN MARTINO: Correct. and within a sub-portion of the site. CHAIRWOMAN SCHAEFER: Are they being 8 8 Off of that are the domestic feeds for 9 9 answered? each building, the fire feeds for each building. The COUNCILMAN MARTINO: For the most part. 10 10 11 hydrants serving the entire site and we also provided 11 MS. PENNETT: I have a question, the as requested by and in locations approved by the fire flow in -- how is that -- all all of a sudden you're, 12 12 chief, fire department connections so that when the you know, adding to the water system. 13 13 fire companies, should they have to come out, have a How is that going to affect everybody 14 14 way of surcharging into the sprinkler system within else on Bonnie Burn Road when you're tapping in? 15 15 the buildings. THE WITNESS: Our discussions with New 16 16 All of the FDC locations are located Jersey American, there's -- I mean, this is part of 17 17 18 proximate to fire hydrants. an overall system. They have plenty of capacity to 18 Just to put some context to the flow provide service. It's not going to have an impact. 19 19 and pressure that's available, New Jersey American 20 At those flows and pressures, it's not having an 20 Water did a flow and pressure test in two locations impact on existing users. 21 21 on Bonnie Burn Road, which I think I said it's a MS. PENNETT: Okay. 22 22 12-inch water main. The residual pressure is 140 CHAIRWOMAN SCHAEFER: Okav. 23 23 PSI. Anything over 80 PSI needs a pressure-reducing THE WITNESS: That's it. 24 24 25 valve. So we're going to be providing 25 MS. COFFEY: Okay. That was our report Page 38 Page 40 pressure-reducing valves on this so that we don't in terms of open items from January. 1 blow out facets and everything else within the units. CHAIRWOMAN SCHAEFER: Well, we did have 2 2 The flow that -- the flow at each a couple of other open items. You were going to give 3 3 hydrant that was tested ranges between 1,550 gallons 4 site exhibits as to --4 MS. COFFEY: Our architect will be per minute and 1,635 gallons per minute. 5 5 So there is sufficient flow and 6 providing those. 7 pressure within the system. We are required by RSIS 7 CHAIRWOMAN SCHAEFER: Okay. Along that looping the water main within the site and the design 8 the graphics of what the buildings will look like? 8 9 of the system is consistent with the standard 9 MS. COFFEY: Yes. practices of New Jersey American, which we've on CHAIRWOMAN SCHAEFER: Okay. 10 10 numerous other projects within their facility --MR. SPEENEY: A new thought here. 11 11 within their service area, I mean. 12 Mr. Keller, on the soil profile pit logs that you 12 13 BY MS. COFFEY: provided. 13 14 Q. Mr. Keller, I think you may have THE WITNESS: Yes. 14 misspoken. I think the flow is 6,000 gallons per MR. SPEENEY: They generally reach in 15 15 -- the pits reach bedrock between 1 foot up to 12 minute. 16 16 Is that correct? 17 17

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18 A. That's at 20 PSI.

20 A. At the higher flow, there's -- there's

two flow rates. One is at the pressure of 140

gallons a minute and then at 20 PSI, which is the

minimum necessary within the system. It's 6,000

gallons per minute at one location and it's over

10,000 gallons per minute at the other hydrant.

19 O. Thank you.

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the buildings?

construct the building.

How does that impact construction of

THE WITNESS: Well, I mean, where

there's shallow bedrock, I mean, there's going to

either -- you know, they're going to have to rip it,

hammer it, they will have to remove the bedrock to a

depth below the footings of the building so they can

Page 41 Page 43 1 MR. SPEENEY: And the process to do run out into one of the two discharge basins, which that is, what you call --2 are on Bonnie Burn Road, correct? 2 THE WITNESS: Well, it depends on the 3 THE WITNESS: It will go into the storm 3 4 competency of the rock. You know, the test pits 4 sewer system of Bonnie Burn Road. can't really determine what the competency of the MR. TOSCANO: The existing -- okay. 5 rock is. Is it fractured rock? Is it solid? You 6 THE WITNESS: Yes, sir. 6 7 know, and solid is a variable term. 7 MR. TOSCANO: So when you do your At this point we don't know what the inspections and all of that, you're going to check 8 8 for any kind of siltation or anything and you'll removal method will be. Whatever the method is, we 9 will follow borough and other applicable standards as remediate it. 10 10 11 far as --11 However, what about the underdrain MR. SPEENEY: Will that include that's several feet down in the bottom of the 12 12 blasting? bioretention basin? 13 13 THE WITNESS: It's -- at this point I THE WITNESS: Well, it's wrapped in 14 14 can't rule it out. I don't know. It may not be. It filter fabric. It's in a stone bed. You can also 15 15 depends on the competency of the rock. 16 see the end of it in the outlet structure, because it 16 MR. SPEENEY: Thank you. daylights into the outlet structure. 17 17 CHAIRWOMAN SCHAEFER: Any other 18 MR. TOSCANO: Now of course. 18 questions before I open it up to the public? THE WITNESS: So if you saw sediment in 19 19 there, you can see it, but the likelihood of getting 20 (No response.) 20 CHAIRWOMAN SCHAEFER: I'm going to open sediment into the underdrain after almost 3 feet of 21 21 it up to the public for questions only. soil and sand and stone is --22 22 Again, I'm going to repeat that, MR. TOSCANO: Well, I could see -- I'm 23 23 because comments will not be allowed. And the thinking 15, 20 years from now. 24 24 25 questions will only be on the testimony that has been 25 THE WITNESS: Still, I mean --Page 42 Page 44 given this evening. MR. TOSCANO: What's the remedy? 1 1 If you have a question, I ask that you Redoing it? 2 2 please come up, state our name and address. THE WITNESS: I mean, in the ultimate 3 3 Actually, we're going to open it up to worst case, yeah, you would have to rip it out and 4 4 Mr. Butler first. 5 redo it. 5 6 MR. BUTLER: I have no questions, Madam 6 MR. TOSCANO: Okay. 7 Chair. 7 THE WITNESS: The likelihood of CHAIRWOMAN SCHAEFER: Okay. Thank you, sediment in the underdrain is a lot less than 8 9 Mr. Butler. 9 sediment that's going to get into the storm pipes that run along Bonnie Burn Road. So any public want to come up and ask 10 10 questions of this testimony? MR. TOSCANO: No, I understand, 11 11 12 Okay. Oh, we do. 12 understandable. 13 THE WITNESS: Damn. THE WITNESS: To put context to it. 13 MR. LINNUS: Almost made it, MR. TOSCANO: And you also mentioned 14 14 Mr. Keller. that the runoff from the site, the developed site 15 15 THE WITNESS: No offense. will not exceed what is currently running off the 16 16 site right now, correct? 17 MR. TOSCANO: No problem, none taken. 17 Ben Toscano, 185 Bonnie Burn Road. THE WITNESS: As to the rate of runoff. 18 18 A couple of questions. You brought up MR. TOSCANO: The rate of runoff? 19 19 the bioretention basins. THE WITNESS: Correct. 20 20 THE WITNESS: Yes, sir. MR. TOSCANO: Okay. So it's not a 21 21 MR. TOSCANO: One of the council people problem. And looking at the plans --22 22 23 mentioned that the underdrain -- that the whole idea 23 THE WITNESS: Actually, I'm sorry to is that the underdrain will take all of the filtered interrupt. We actually have to reduce the rate of 24 24 runoff for each of the storm events. 25 water, it will go into the outlet structure and then 25

Page 45 Page 47 1 So we're going to discharge at a rate proposed development, but it still doesn't answer the less than what comes off the site today. The rules 2 question. 2 Why wouldn't you loop the system so require it. 3 3 4 MR. TOSCANO: That will help, that will 4 that in the event that there's an issue, you can always back feed the system through another -help, because when we get heavy storms, it's pouring 5 out all over the place, so that should help then. another --6 6 Is it true that two buildings are 7 THE WITNESS: It's a very good 7 discharging directly into the Bonnie Burn drainage question. We're still tying into the water main at 8 8 Bonnie Burn Road. We don't have access to another 9 system? 9 THE WITNESS: Two buildings? No. street. We don't have access to another water main. 10 10 11 MR. TOSCANO: Well, Building No. 1 and 11 MR. TOSCANO: Well, couldn't you --Building No. 2, the -couldn't you tie in at the lower portion of Bonnie 12 12 THE WITNESS: The roof area is tied Burn? 13 13 into -- because the DEP considers that clean water. THE WITNESS: We could, but I mean, if 14 14 it does not need to be filtered, it does not run --15 15 there's an issue with the water main on Bonnie Burn it's detained. The rate of runoff is controlled by Road, having those two connections isn't going to do 16 16 an underground system, but it does not run through us any real benefit. 17 17 18 the bioretention basin, that is correct. 18 MR. TOSCANO: And then my final MR. TOSCANO: So why was it done that question was, with regard to the building 19 19 20 way? Why didn't it follow suit with all the other construction. 20 buildings and go into the bioretention basin? Was it THE WITNESS: That's the architect. 21 21 MR. TOSCANO: That's the architect? economics, save a couple of bucks? 22 22 THE WITNESS: No, actually this design THE WITNESS: Yeah. I don't do 23 23 is more expensive with underground pipes. It was a buildings. 24 24 25 matter of having enough volume to treat all of the 25 (Laughter.) Page 46 Page 48 impervious surfaces. We have a lot of wetlands on MR. TOSCANO: Well, there was a mention 1 the property. We have other environmental 2 about blasting. So I was just -- possibility of constraints. The basin couldn't be any larger, so we 3 blasting? 3 had to treat those two buildings separate. 4 CHAIRWOMAN SCHAEFER: Well, I think he 4 MR. TOSCANO: No, I understand that. answered that they don't know if they are going to 5 5 need to be blasting at this point, but if you have --However, Building 1 and 2, I believe, they're 6 7 discharging directly into the Bonnie Burn Road 7 MR. TOSCANO: Well, we live in system. They're not going into any underground 8 Watchung, so... 8 9 detention basin. 9 CHAIRWOMAN SCHAEFER: I understand THE WITNESS: No, they are. 10 10 that, I know. MR. TOSCANO: They are? MR. TOSCANO: Would you be the 11 11 12 THE WITNESS: They are going through an individual to talk to about if blasting is required, 12 underground detention system. what provisions, what requirements would you abide 13 13 MR. TOSCANO: So all of them are then? 14 14 THE WITNESS: Yes. THE WITNESS: Well, I mean, if there's 15 15 MR. TOSCANO: Oh, okay. blasting, if the borough has their own requirements, 16 16 we have to comply with those. We certainly have to 17

17 THE WITNESS: They're all -- all of them are detained. None of the buildings require 18 water quality, but it was just easier to pipe the 19 other four buildings into the basins. 20

MR. TOSCANO: So it's okay. 21

And then with regards to the water line 22

23 system, I understand and you had a lot of interesting

facts that the existing 12-inch main is sufficient, 24

more than adequate to handle the development, the 25

certified PE and everything? CHAIRWOMAN SCHAEFER: I'm going to let Tom, our engineer, answer that. MR. HERITS: Whenever we blasted for a

pre- and post-blasting surveys and, you know, by a

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comply with state regulations on blasting.

MR. TOSCANO: So that would include

25 sanitary sewer, that's what we had to do. Before and

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Page 49 Page 51 after pictures and the whole thing. minimal treatments, but how will they determine that MR. TOSCANO: And what about the --2 there's additional treatments needed? 2 what's the radius? 3 Are they doing tests on the soil or 3 4 Within how many feet of the site? 4 other things of that nature, plant growth rates, MR. HERITS: That I don't -- that I things of that nature. 5 5 don't know off the top of my head. 6 THE WITNESS: Well, the applicant's 6 7 MR. TOSCANO: Okay. 7 proposal is that what they have done for all of their Because, you know, blasting travels. I communities is four treatments a year. It's been 8 8 live across from the quarry, so I know. effective, it's worked. You know, so that's our plan 9 Okay, thank you. and that would be using synthetic fertilizers and 10 10 11 THE WITNESS: You're welcome. 11 herbicides and so on. CHAIRWOMAN SCHAEFER: We have this 12 12 MR. JUBIN: Okay. MS. COFFEY: And just --13 gentleman next. 13 MR. JUBIN: Hi, good evening. Ron MR. JUBIN: Yup, go ahead. 14 14 MS. COFFEY: Mr. Keller, it's also true 15 Jubin, 25 Birchwood Lane. 15 THE COURT REPORTER: Please spell your that the applicant has an on-site maintenance person 16 16 who would report back if there was some kind of an 17 last name, sir? 17 MR. JUNIN: J-U-B, as in boy, I-N. issue on the site, correct? 18 18 I just had a few questions for THE WITNESS: Correct, yes. 19 19 MR. JUBIN: And then I guess the list 20 clarification. 20 MR. LINNUS: What was your address of the pesticides and herbicides will be made 21 21 available to -- for review as part of the -- I guess again? 22 22 the whole comprehensive plan? 23 MR. JUBIN: It's 25 Birchwood Lane. 23 You mentioned pesticides and you said THE WITNESS: Yeah, we could do that, I 24 24 25 -- first you said, once a year and then you said, 25 mean, everything that they use is, you know, in Page 50 Page 52 well, once in the fall and once -- is it the same accordance with state regulations. 1 treatment once a year or is there a heavier one? MR. JUBIN: Okay. Yeah, I just wanted 2 2 THE WITNESS: I said herbicides are 3 to understand that. 3 multiple times a year. The pesticide is the 4 And I guess another question, and you 4 summertime. don't need to put the whole plan back up, but trying 5 5 to get a vision of the three acres of the grass, is 6 MR. JUBIN: Okay, okay. 6 7 THE WITNESS: Unless, you know, they 7 that a large field or how is that laid out across the 8 have to spot treat. 8 plan? 9 MR. JUBIN: Okay. So that was -- and I 9 Oh, you just have to take it off. THE WITNESS: I just have to take that guess that question and when you mentioned about the 10 10 chemical and the organics and organics would be -- -11 11 12 I guess it's because of the control rate of release, 12 MR. JUBIN: Okay. So just, again -it might be more required for more frequent 13 THE WITNESS: That's Exhibit A-5 for 13 the record. 14 14 THE WITNESS: No, no, no, the synthetic So the light green areas are the lawn 15 15 (indicating). So they're, you know, kind of fertilizers, because they're manufactured, have a 16 16 better controlled and more uniform release than the 17 concentrated around the buildings and the clubhouse. 17 organics. The organics, just by the nature --You know, the green areas of the bioretention basins 18 18 MR. JUBIN: Yeah, no, that's what I are not treated. They're not going to treat areas 19 19 below the retaining walls either. It's only going to 20 meant. 20 THE WITNESS: So the organics might be really the areas around the buildings and the 21 21 need more applications, because they may not be as clubhouse. 22 22 23 affective as the synthetic materials. 23 MR. JUBIN: Okay, great. So to that --MR. JUBIN: So is it fair to say then and, again, it looks like it's good, it's 24 24 there's -- as you said, there's going to be four interspersed. I'm just wondering if -- again, I get

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Page 53 Page 55 it, the greens are good, but, like, rock buffers 1 MR. JUBIN: Okay. So then the along the -- because you talked about runoff and 2 maintenance then would be -- then it's just you're 2 things that are overspread. So are there buffers looking at it and seeing if it's maintaining its 3 3 between the paved areas and, say, the grass where you 4 composition? can have rocks to catch things rather than goes THE WITNESS: Correct. 5 running -- I'm thinking of also the hydrocarbons and MR. JUBIN: Okay. And then I just --6 6 things like that, is there any type of buffer to kind 7 what you mentioned about sodium potassium being of trap or catch that? 8 removed by them and then you mentioned later that it 8 THE WITNESS: No. I mean, what traps 9 was calcium chloride. 9 and treats the hydrocarbons and any of that overspray So is it safe to -- is calcium also 10 10 are the two bioretention basins. That's a function, 11 11 being removed by the bioretention in addition to one of the main functions of those basins. sodium potassium. 12 12 MR. JUBIN: Yeah, yeah, and the flow THE WITNESS: It does. 13 13 from the asphalt then is directed to those basins? Calcium is actually a plant nutrient. 14 14 THE WITNESS: Correct. So the plant material in the bioretention basins 15 15 MR. JUBIN: Is it like a culvert or is would absorb the calcium. 16 16 MR. JUBIN: And the phosphorous and there actual piping? 17 17 18 THE WITNESS: There's a series of 18 nitrogen as well? inlets and pipes that collect the runoff and then THE WITNESS: Correct, that's correct. 19 19 direct discharge it into each of the basins. 20 MR. JUBIN: Is there any worry about 20 MR. JUBIN: Okay, great. And then just overgrowth at all or is that maintained as well with 21 21 wondering like if you -- weed control and things like 22 those systems? 22 that, have you looked into things like ground cover THE WITNESS: I think considering the 23 23 and other things that are more resistant to requiring limited amount of additional nutrients that get into 24 24 25 water and feeding and thins of that nature, you know, the bioretention basin, there's a lot of plants in Page 54 Page 56 pachysandra or other ground covers, rather than there, so I don't think that we're worried about having grass? overgrowth or things like that or toxicity to the 2 2 It's still green, but the requirements 3 plants. 3 for herbicides and things like that can be --4 MR. JUBIN: And is there a -- I guess a 4 detailed cross section or plans of the bioretention THE WITNESS: I mean, we have that in 5 areas around the buildings and so on, but there's 6 basins on file already? 7 other areas where we're keeping it open lawn for pass 7 THE WITNESS: Yes, they're all in the of recreation. 8 set in the site plans. 8 9 MR. JUBIN: Okay. That's -- yeah, 9 MR. JUBIN: Okay. that's the answer to the next question. THE WITNESS: There's a soil section 10 10 And then I'm just curious with these, through the bottom of the basin, shows the soil 11 11 12 the bioretention basins and you mentioned, you gave layer, the sand layer, the underdrain system. 12 some solid facts on 90 percent removal rate and 13 MR. JUBIN: Great, don't want to bring 13 things like that. 14 that up again. 14 So is that historical or when these are (Laughter.) 15 15

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put in, are there actually tests being done to

THE WITNESS: The removal rate is as

established by the DEP, but there have been

evaluate the efficiency of when they're placed in.

university studies that shown -- have shown that

MR. JUBIN: So you're not required then

remediation type of testing?

THE WITNESS: No.

these basins are effective and meet those standards.

when you put one in to do some type of drainage or

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MR. JUBIN: And I guess, just the last

the environmental section?

one, you mentioned at the last meeting that you had

filed and you were waiting to receive a DEP response

for about the wetland management. Did you receive

that yet from them and is that going to be covered in

THE WITNESS: I'm going to leave that

MR. JUBIN: Okay, okay, okay. Thanks.

for the environmentalist to talk about.

THE WITNESS: You're welcome.

Page 57 Page 59 1 MR. JUBIN: Thank you very much. under the impression that woods, like let's say a CHAIRWOMAN SCHAEFER: Someone else over scale of 0 to 10, I've always felt like woods being a 2 2 here had a question. 3 10 on absorption where, you know, the trees break the 3 4 Sir? 4 water pellets and the leaf litter breaks the water MR. VETTER: Good evening. George pellets and, you know, the clay or the silt or the 5 5 sand will absorb some of the water. Vetter, 182 Mountain Avenue. 6 7 THE COURT REPORTER: Please spell your 7 THE WITNESS: That's not exactly true 8 when you have poor underlying soils. 8 last name, sir. MR. VETTER: V-E-T-T-E-R. MR. VETTER: I know, you keep saying 9 9 THE COURT REPORTER: Thank you. that, but I'm just -- you know, I'm familiar with the 10 10 11 CHAIRWOMAN SCHAEFER: Mountain Avenue soil triangle, but I'm just -- I would think that 11 12 in Warren? 12 soil would absorb something. MR. VETTER: Yes. THE WITNESS: It does absorb something. 13 13 CHAIRWOMAN SCHAEFER: Okay. It's just not a lot in the fact that it's woods and 14 14 leaf litter. It still absorbs more than the pavement 15 MR. VETTER: What is the square footage 15 would, which absorbs very little. of asphalt and concrete or impervious surface on this 16 16 project? MR. VETTER: I would think pavement 17 17 THE WITNESS: Including the buildings 18 absorbs zero. 18 or just of the asphalt and concrete? THE WITNESS: Well, it doesn't. 19 19 20 MR. VETTER: Without the buildings. MR. VETTER: It absorbs something? 20 You know what, you don't have to answer THE WITNESS: There's a very small 21 21 it now because I don't want to waste everybody's amount that is absorbed or evaporates. 22 22 MR. VETTER: Okay. Getting back to a 23 time. 23 500-year flood and I'm going to -- two thoughts that THE WITNESS: No, no, that's okay. 24 24 25 MR. VETTER: Maybe for another -came to my mind were Hurricane Floyd and Sandy. I 25 Page 58 Page 60 THE WITNESS: Five-and-a-half acres of was driving in the Watchung traffic circle during 1 asphalt, concrete, etcetera. Not including Floyd and I thought my car was going to float away 2 2 and I was by Water & Wine restaurant, which these buildings, 5-and-a-half acres. 3 3 MR. VETTER: Square footage, an acre 4 people know. 4 being 46,000 square feet? 5 But, anyway, I'm going to take those 5 big storms where we get 14 inches of rain, which 6 THE WITNESS: Whatever 5-and-a-half 7 7 occurred in Floyd or Sandy or something, one of them acres is. had 14 inches of rain, when these ponds -- you said 8 MR. VETTER: Okay. 8 9 THE WITNESS: 250,000 square feet, give 9 we have the emergency overflow, right? or take. 10 THE WITNESS: Right. 10 MR. VETTER: Wouldn't that concentrate MR. VETTER: Okay. When it rains, what 11 11 is the volume of water in like, I'm just going to the water discharging? 12 12 say, a 1-inch rainstorm? Like let's say if you had, like, 10 13 13 THE WITNESS: So you're going to make acres of woods and you very 14 inches of rain hit all 14 14 10 acres, all 10 acres of woods are absorbing some 15 me --15 MR. VETTER: Well, water is landing on water and it might not be concentrated in one little 16 16 the surface. You are retaining it, but I'm just rivulet, it might be dispersed through the 10 acres. 17 17 asking -- I'm just trying to show these people what When you're putting it over an emergency overflow 18 18 the volume of water is that ends up on a site like that's, whatever, 4-feet wide, now you're 19 19 this. We don't have to answer it now. I'm just concentrating 14 inches of extra rain into one area, 20 20 which is going to flow down to Bonnie Burn within trying to --21 21 THE WITNESS: Okay. I mean the water increased velocity. 22 22 23 is going to run off from the asphalt areas and go 23 THE WITNESS: Well, first off, the into the basins and be attenuated. emergency spillways are designed to accommodate the 24 24 MR. VETTER: Yeah, I've always been 25 storm, you know, when the out -- it's designed based

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Page 61 Page 63 on the outlet structure being clogged and they're many hydrants as the fire chief and the fire official designed appropriately. They don't have excess 2 wanted. 2 velocity, because that's an issue with both DEP and 3 MR. VETTER: Got you. 3 4 soil conservation. 4 THE WITNESS: I don't remember the So the velocity going over the 5 5 exact number. emergency spillway meets applicable standards. MR. VETTER: Bound Brook --6 6 7 The other thing, you know, 14 inches of 7 THE WITNESS: There's at least six. waterfall onto a wooded area, in a very short MR. VETTER: Bound Brook recently had a 8 8 distance, they're going to start creating rivulets fire where they had to have 36 fire departments come 9 9 and channels through the woods. It's the way water to help them. 10 10 works. So there is concentration of flow no matter 11 11 So I just don't know like -- you know, what through this site. The systems are designed I guess it gets a little crowded in there. 12 12 according to applicable standards. All right. Another question is: Would 13 13 MR. VETTER: Okay. What size is the 100-foot buffer zone be better for neighbors to this 14 14 pipe that's going through the complex, not Bonnie complex than a 50-foot buffer zone? 15 15 Burn Road? THE WITNESS: The redevelopment plan 16 16 THE WITNESS: Well, it varies from 15 requires 100-foot buffer along Mareu and 50-foot 17 17 inches and up. Depends on where it is within the 18 around --18 MR. VETTER: People have their houses system. 19 19 right there. Wouldn't it be better with a 100-foot 20 MR. VETTER: There's a 15-inch water 20 main going around those buildings? there? 21 21 THE WITNESS: Oh, you said -- I'm CHAIRWOMAN SCHAEFER: Mr. Vetter, we 22 22 sorry, I thought you wanted storm water. 23 23 had this testimony at our last meeting and we MR. VETTER: No, within the complex. discussed all of this. 24 24 25 THE WITNESS: It's an 8-inch water 25 So I'm going to ask that they make a Page 62 Page 64 very brief statement back. 1 1 MR. VETTER: Okay. MR. VETTER: Eight inches are going 2 2 around those buildings? CHAIRWOMAN SCHAEFER: But we've 3 3 THE WITNESS: Correct, that's what's actually talked about buffering and that's why they 4 4 the minimum required under the Residential Site were talking about adding bushes and trees and shrubs 5 5 Improvement Standards. 6 6 to certain areas because of that buffer. 7 MR. VETTER: And there's no way to get 7 MR. VETTER: Okay. What is the access to to like what's the road in the back. elevation difference in the site topography-wise from 8 8 9 Oakwood? 9 highest point to the lowest point in the entire site? MS. COFFEY: Madam Chair, would you 10 THE WITNESS: No. 10 MR. VETTER: So you can't loop into like us to go through that again? 11 11 12 Oakwood or Johnson or --12 MR. VETTER: Oh, I didn't know you did 13 THE WITNESS: No. 13 this before. MR. VETTER: Okay. Where on that map CHAIRWOMAN SCHAEFER: Yeah, we did this 14 14 are fire hydrants? last meeting. 15 15 THE WITNESS: The fire hydrants are 16 MR. VETTER: Okay, I'm sorry. 16

Min-U-Script®

can't see.

there five?

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shown on Exhibit A-12. The location of the hydrants

have been approved by the borough's fire officials.

MR. VETTER: Is there one hydrant? I

THE WITNESS: No, there's six or seven.

THE WITNESS: There's -- there are as

Is there one hydrant on the map, is

MR. VETTER: Okay.

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to be rude to you.

MR. VETTER: Okay.

MR. VETTER: Okay.

CHAIRWOMAN SCHAEFER: And I don't mean

CHAIRWOMAN SCHAEFER: But I just have

to keep moving this along and that's why I made the

statement in the very beginning, we are only going to

CHAIRWOMAN SCHAEFER: That was made

take questions for testimony this evening.

Page 65 Page 67 this evening. 1 We can't hear. MR. VETTER: All right. You were 2 MS. QUAN: Were geotechnical borings 2 asking us to ask questions. My last question was performed before design work was done? 3 3 4 going to be, what is the height of the retaining 4 THE WITNESS: We did soil testing. walls? MS. QUAN: Just soil testing? 5 5 CHAIRWOMAN SCHAEFER: I'll let them 6 THE WITNESS: For stormwater purposes. 6 answer that. 7 You can ask the architect when he gets up, hopefully 7 MR. VETTER: Okay. It doesn't have to soon, about any geotechnical, because that would have 8 8 be exact, I mean, is it 10 foot, is it 30 foot? 9 9 been for him. THE WITNESS: I have to find my notes MS. QUAN: I was curious about what the 10 10 from the October meeting. 11 retention time through the bioretention basins were. 11 MR. VETTER: Okay. I guess I wasn't THE WITNESS: I don't have that 12 12 present at the October meeting. information. 13 13 CHAIRWOMAN SCHAEFER: There are Most of that discussion was in the 14 14 15 transcripts available that you can read and you can 15 first meeting. I did not review that testimony. I actually read the entire transcript. 16 don't --16 The other thing is is that we are now MS. QUAN: Okay. I just want to make 17 17 18 videoing our meetings. So our last meeting was our 18 sure that, you know, the mosquitos and things like first video. You can watch that in its entirety that were considered. 19 19 tonight and moving forward, but last meeting we had a THE WITNESS: Let me put it this way: 20 20 lot of -- I opened it up and I gave a lot more The rules say it has to drain within 72 hours, it 21 21 latitude, because there were a lot of questions and does. Mr. Herits, the borough engineer, has made 22 22 we didn't have a lot of residents, but there comes a 23 23 sure that we comply with the rules. So the mosquitos point in time that I now have to get back to what our would not be an issue. 24 24 25 rules are. 25 MS. QUAN: Okay. What's the percent Page 66 Page 68 So we're only allowing questioning on coverage of establishment of the vegetation within 1 testimony from that night, otherwise we can keep the bioretention basin that's required, you know, 2 2 going and going and going. like, when you have a planting and you have, like, so 3 3 MR. VETTER: Okay. 4 much survivability? 4 CHAIRWOMAN SCHAEFER: But please read 5 THE WITNESS: Well, the -- and this is 5 6 the transcripts or watch the video. part of our maintenance program is that the -- we 7 MR. VETTER: Okay, thank you. 7 have to inspect it and make sure that it has taken CHAIRWOMAN SCHAEFER: Well, they are whatever may not take, any die off that occurs will 8 8 9 getting you the answer. 9 have to be -- any plant material would be removed and a new plant installed and if it's the -- the basin 10 MR. VETTER: I can hear from here. 10 bottom, it will be re-seeded. CHAIRWOMAN SCHAEFER: Okay. 11 11 12 THE WITNESS: The maximum retaining 12 MS. QUAN: Okay. Yeah, so sometimes wall height is in Basin 1, it's 22 feet. Most of the there's -- you know, I don't know if there's a 13 13 requirement on like 85 percent survivability or, you walls are much lower. 14 14 MR. VETTER: Thank you. know, like, in terms of, like, this is what you're 15 15 CHAIRWOMAN SCHAEFER: Any other going to plant and --16 16 questions from public? 17 THE WITNESS: Mr. Herits will make sure 17 MS. QUAN: Hi. Hue Quan, 10 Corey 18 18 that we --Lane. It's spelled H-U-E, last name Q-U-A-N. MR. HERITS: I would think the owner 19 19 I'm sorry, I came in late, so I'm sorry would want 100 percent. 20 20 if this was covered or if it wasn't. I was just MS. QUAN: Right. 21 21 curious, were geotechnical borings performed for I was just curious about that. 22 22 23 design work? 23 And, yeah, so it will be monitored by MALE AUDIENCE MEMBER: Can you use the predation, by animals and just weather. 24 24 THE WITNESS: Correct. mic? 25 25

Page 69 Page 71 1 MS. QUAN: I was just curious -the town and have them replace it? CHAIRWOMAN SCHAEFER: Speak into the What's the mechanism for that? He 2 2 microphone, because you keep fading. 3 plants 400 trees, they all die, who's -- who's -- who 3 4 MS. QUAN: I was just curious if this 4 has to file the report? township has, like, an MS4 permit for stormwater. CHAIRWOMAN SCHAEFER: I'm going to let 5 5 THE WITNESS: Yes. 6 their attorney answer that. 6 7 MS. QUAN: It does? 7 MS. COFFEY: Sure. So, you know, does a site plan like Well, first of all, one thing to keep 8 8 this require them to fall under the township's MS4 in in mind is that it is a rental property, so we want 9 9 terms of, like, the inspection and things like that, people to want to live there. So it's in the 10 10 like, an annual inspection and maintenance, kind of, 11 applicant's own self-interest to keep the vegetation 11 like, have a certification. alive and healthy. People aren't going to want to 12 12 CHAIRWOMAN SCHAEFER: I'm going to let pay the rents that we want to collect for a property 13 13 that's full of dead trees. 14 our engineer answer that. 14 15 MR. HERITS: If the borough was 15 But, beyond that, we are required to maintaining it, we would be inspecting it. post performance guarantees and maintenance 16 16 If the owner of this property is going guarantees with the municipality at the outset and 17 17 to be maintaining it, and any inspections would be typically if there's a maintenance issue on the 18 18 done under property maintenance. property, which we don't expect, that gets reported 19 19 20 MS. QUAN: No, I understand that. You to your municipal zoning officer. 20 know, I've done work for other townships where they MR. DePARTO: By whom? 21 21 require certification by, you know, the owner to 22 MS. COFFEY: By whomever wants to 22 provide that information to the township so that, you 23 23 report it. know, you guys have paperwork for your own MS4. MR. DePARTO: So I walk by, I see a 24 24 25 CHAIRWOMAN SCHAEFER: Isn't that what 25 dead tree, I call the municipal -- the municipal Page 70 Page 72 you were talking about, this quarterly or annual zoning officer and report you or I call you up and 1 1 say replace the tree? report? 2 2 THE WITNESS: The O&M manual and the 3 MS. COFFEY: I would think if you were 3 borough's MS4 requires us to submit an annual report concerned about enforcement, typically you would call 4 4 to the borough engineer, because that's part of the the municipal zoning officer and say, they haven't 5 5 6 reporting that the borough has to make to the state, 6 built what they said there were going to build or it is that have you received the annual report from 7 doesn't look like what I thought was going to build. 7 privately maintained, so, yes. 8 CHAIRWOMAN SCHAEFER: Our zoning 8 9 MS. QUAN: Okay, thank you. 9 officer gets a lot of calls. 10 That's it. 10 MR. DePARTO: But do I have standing as CHAIRWOMAN SCHAEFER: Thank you. somebody who lives down the block to make that call 11 11 12 Any other questions? or is it only up to the owners --12 13 MR. DePARTO: Mike DeParto, 46 Orchard CHAIRWOMAN SCHAEFER: Absolutely. 13 Road. MR. DePARTO: So anybody can walk by 14 14 Just following up on her question, and say, you have a dead tree, call the zoning 15 15 because there was a town easement put next to my 16 officer? 16 CHAIRWOMAN SCHAEFER: It's no different property where the easement owners, we donated the 17 17 waterline to the town, they were supposed to put all than if you go to XYZ company on the highway and 18 18 these trees, they all died. they're selling things off the sidewalk and somebody 19 19

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Is there an enforcement provision with

Self reporting the trees dying? The

this when all of your stuff dies? You're saying it's

walking by and noticing that that tree is dead, call

part of his -- their maintenance of the property.

people renting reporting? Can I, as a stranger

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says, hey, you can't do that, it's illegal, you

They can report it to the town. People

MR. DePARTO: I have five dead trees

report their neighbors to the town. So, yes, you can

haven't gotten the proper permits.

Page 73 Page 75 the town owes me somewhere, then I should go report finishing the project, plus -- my question is: When you guys to -- on the easement that I donated, they does this all end and when the trees die 2-and-a-half 2 died a year later. They look lovely when they come. 3 years later after or three years and one day after, 3 4 So I'll walk by every day and I'll just 4 what is our recourse, to call you again? There's now call you and is there -- is there a -- besides you 5 no performance bond. calling them and telling them they're in violation, MR. HERITS: I have an open line for 6 is there a penalty for this if they don't respond in 7 dead trees, believe me. You're not the only per --7 30 days? there's people calling with dead trees in this 8 8 What's the -- how does that work? borough everywhere. So, and anyone can make these 9 9 CHAIRWOMAN SCHAEFER: I don't have an calls. 10 10 11 answer to that. 11 MR. DePARTO: Yeah, but these trees are 12 Tom? 12 specific for shading for the neighbors. These are MR. HERITS: I was just going to go more specific than any tree lying around. These are 13 13 back and say the project -- the developer has to post specifically to protect the neighbors from the --14 14 a performance bond --CHAIRWOMAN SCHAEFER: Ms. Coffey, do 15 15 MR. DePARTO: Right. For how long, 10 16 16 you want to add --MS. COFFEY: Sure. 17 years? 17 18 MR. HERITS: Can I finish? 18 Just to sort of finish the -- well, one MR. DePARTO: Okay, sure. thing to clarify, I think what you mean to say is the 19 19 20 MR. HERITS: So he has to -- he has to trees are intended to provide screening, rather than 20 post a performance bond. shading. 21 21 22 Before that performance bond is 22 MR. DePARTO: Right. released, there will be an inspection of the entire MS. COFFEY: So just to clarify that. 23 23 site, every improvement, which includes landscaping. But then in terms of calling the zoning 24 24 25 If there's anything dead at that time, he'll be made 25 officer because you're asking so what happens when Page 74 Page 76 to replace it before he gets off his performance you call, typically a zoning officer would first bond. When he gets off his performance bond, there's reach out to the property owner and say, I've had a a two-year maintenance bond and before that is complaint and you need to address it. 3 3 released, there will be another inspection done to 4 And if the property owner continues to 4 be noncompliant, at that time they receive a check everything from sidewalk, pavement, landscaping 5 5 and that all gets checked before that gets released. violation, which can take a number of forms. It 7 So you're kind of covered for at least 7 often includes a fine and/or you can't use the three years through his bonding. property anymore. Depending on the level of the 8 9 MR. DePARTO: But he's not going to 9 violation and you can get called into municipal plant the trees day one. So he's basically -- he's 10 10 court. going to plant the trees at the end. So really So there's an escalating process 11 11 12 there's one year, the -depending on how egregious and repetitive the offense 12 13 MR. HERITS: No, no, no, no. So he 13 is. plants the trees at the end and that starts the clock MR. DePARTO: Okay. Thank you. 14 14 and that all has to be planted and healthy before he THE COURT REPORTER: Sir, can you spell 15 15 gets off his performance bond. your last name, please. 16 16 MR. DePARTO: Okay. 17 MR. DePARTO: DeParto, D-e P-A-R-T-O. 17 So they put the plants up last. So THE COURT REPORTER: Thank you. 18 18 we've got two, potentially three years from finishing CHAIRWOMAN SCHAEFER: Any other 19 19 questions? 20 20 CHAIRWOMAN SCHAEFER: From the date (No response.) 21 21

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when they're planted.

planted. Okay?

MR. DePARTO: From when they're

But the performance bond only goes to

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on.

over.

CHAIRWOMAN SCHAEFER: Okay, let's move

MS. COFFEY: Okay. I'm going to move

Page 77 Page 79 1 So our next expert is the project 1 MR. RAKER: My name is Jack Raker. I'm architect, as we promised. with Minno & Wasko Architects at 80 Lambert Lane in 2 2 CHAIRWOMAN SCHAEFER: As you remember, Lambertville, New Jersey. 3 3 4 we do have a bewitching hour of 10 p.m. 4 MR. LINNUS: Your witness, Counsel. So I would like to try to -- I'm not MS. COFFEY: Thank you. 5 5 going to stop you in the middle, but... 6 DIRECT EXAMINATION 6 7 MS. COFFEY: We'll try to come to a 7 BY MS. COFFEY: Q. Mr. Raker, can you please introduce 8 spot. 8 CHAIRWOMAN SCHAEFER: Thank you. yourself to the board and the public and tell them a 9 little bit about your experience and qualifications? MR. KELLER: Do you want me to 10 introduce? 11 A. Sure. 11 I'm a principal with Minno & Wasko 12 Jack is going to use it. 12 MS. COFFEY: All right. We have one Architects and Planners in Lambertville, New Jersey. 13 13 exhibit that our architect is going to use, but our I graduated with a bachelor's degree in 14 14 engineer prepared it, so if we can have the engineer architecture over 20 years ago from New Jersey 15 15 just introduce it onto the record and that was our Institute of Technology. 16 16 architect can refer to it and then we'll really be I've been practicing in the field of 17 17 done with him. 18 residential and mixed-use architecture land planning 18 So this is A-13. for the past 20 years. 19 19 20 (Whereupon, Site Plan Rendering is I've testified before numerous boards 20 received and marked as Exhibit A-13 for in the State of New Jersey. 21 21 MR. LINNUS: Are you licensed? identification.) 22 22 MR. KELLER: This is a site plan THE WITNESS: I am. 23 23 rendering, dated 2/18/2020. I'm currently licensed in the State of 24 24 25 It's the same rendering we have shown 25 New Jersey and my license is in good standing. Page 78 Page 80 previously. It's just at a bigger scale so that you CHAIRWOMAN SCHAEFER: Okay, we're good. 1 can see the context of the neighboring properties MS. COFFEY: Thank you. 2 around the subject site. Okay. Get up to full power here. 3 3 It shows the entire subject site and 4 There we go. 4 the adjacent properties on Johnston and Mareu and 5 THE WITNESS: Thank you for your 5 other streets around the site. 6 6 patience, I apologize. 7 MS. COFFEY: Thank you, Mr. Keller. 7 Okay. I have a copy of this presentation and a thumb drive with a copy of the MR. LINNUS: Sir, do you want to raise 8 8 9 your right, please? 9 presentation. MS. COFFEY: Just for the record, this 10 So rather than mark every slide into 10 evidence, I'm going to go through the slides and then is Jack Raker, the project architect. 11 11 12 CHAIRWOMAN SCHAEFER: I'm sorry, Jack? just provide that. 12 MS. COFFEY: Raker, R-A-K-E-R. 13 Is that okay? 13 MR. RAKER: My name is Jack Raker. MR. LINNUS: Well, why don't you mark 14 14 CHAIRWOMAN SCHAEFER: We know that. the slides for the public and identify the slides and 15 15 you say that you have a replicate of the slides here. MR. LINNUS: Do you swear the testimony 16 16 THE WITNESS: Sure, sure. you're about to give will be the truth, the whole 17 17 truth and nothing but the truth, so help you God? I'm going to refer to the slides. The 18 18 MR. RAKER: I do. slides are essentially color versions of the 19 19 JACK RAKER, submission, but there are additional slides that were 20 20 80 Lambert Lane, Suite 105, Lambertville, New not part of the submission in this presentation. 21 21 Jersey 08530, having been duly sworn, testifies MR. LINNUS: So the first page up there 22 22 that is -- want to identify that and we'll marked 23 as follows: 23 MR. LINNUS: Do you want to state your this A -- first page A-14. 24 24

25

name and address for the record, please.

25

(Whereupon, Cover Sheet of

Page 81 Page 83 Architectural Drawings is received and marked 1 later. as Exhibit A-14 for identification.) 2 2 Of the low and moderate, we have to THE WITNESS: Sure. This is the cover 3 comply with state regulations and there's -- that's 3 4 sheet of the architectural drawings that were 4 less than 20 percent can be one -- are required to be submitted. This particular version is in color. one-bedrooms and that would be nine. More than 20 5 5 CHAIRWOMAN SCHAEFER: And you're percent need to be three-bedrooms, and that's 10 in 6 7 saying, though, that this does not include everything 7 this project and the remaining units are two-bedroom that you're going to be showing us? units, that's 27. 8 8 THE WITNESS: That copy includes The next thing I would like to note is 9 9 everything you're are going to see. on the submitted sheets there was an error in marking 10 10 11 MS. COFFEY: What he was saying was 11 a low- and moderate-unit and I want to point that that what was previously submitted does not include sheet out to everyone. 12 12 everything that's included in what he's showing you I know the planner, I'm sure is looking 13 13 at the number of low-and-moderate units and would this evening. 14 14 MR. POTE: The October version? like to know. On Sheet A-4, and I'll bring it up 15 15 when it comes up, on the third floor plan there's a 16 MS. COFFEY: Correct. 16 THE WITNESS: It's the January version, two bedroom, 913 unit that was not labeled as a low 17 17 that's the latest architectural --18 and moderate and should be. 18 MR. LINNUS: While we're on the low and MR. POTE: Right, this is. 19 19 20 MS. COFFEY: So the January version moderate, how many are going to be very low and you 20 that has been submitted to the board also does not want to identify the beds, the bedrooms that are 21 21 going to be very low? include some material that's going to be shown on the 22 22 -- so for example, we had some requests at the THE WITNESS: Sure, I do have that 23 23 January meeting to bring additional exhibits that are 24 information. 24 25 incorporated into the slides that are in the --25 MR. LINNUS: And 13 percent are Page 82 Page 84 CHAIRWOMAN SCHAEFER: The last revision required to be very low. 1 1 we got was January 17th, 2020. THE WITNESS: Okay. I'm going to take 2 2 MR. LINNUS: If the witness is going to it by unit type by unit type. So --3 3 testify from the slides, we're going to go page by 4 MR. LINNUS: Just show us 13 percent 4 page and slide by slide. 5 very low. 5 And what I'll do is I'll mark the 6 6 THE WITNESS: Okay. The very -- for 7 replicas of what you're testifying to. 7 the very low, there's one one-bedroom, four So A-14, you want to identify what A-14 8 two-bedrooms and one three-bedroom unit. 8 9 is, please? 9 For the low income, there is four THE WITNESS: Sure. one-bedrooms, 10 two-bedrooms and four 10 10 A-14 is the cover sheet of the three-bedrooms. 11 11 12 submitted architectural set. 12 For the moderate income, there's four 13 So I'm going to do a little one-bedrooms, 13 two-bedrooms and five 13 housekeeping. I'm going to talk a little bit about three-bedrooms. 14 14 the overall project mix and the number of dwelling MR. LINNUS: And your representation is 15 15 units in the overall project and then I'm going to that complies with the COAH requirements, the UHAC 16 16 get and dive into very specific elements of each. requirements and the affordable housing requirements? 17 17 So the project includes 230 dwelling THE WITNESS: Correct. 18 18 units. Of those dwelling units, there's 184 Okay. I'm going to go onto the next 19 19 market-rate dwelling units. There's 46 slide. 20 20 low-and-moderate units. And before I do, I just want to talk a 21 21 Of the market-rate units, there are 42 little bit about some of the site design issues, 22 22 23 one-bedrooms and 142 two-bedrooms. And 26 of those 23 because it was my firm that worked with the engineering firm to design the site and the site two-bedrooms are two-bedroom dens. And I'll get into 24 24 layout and, you know, we were really proud of what we 25 a little bit more testimony about that a little 25

Page 85 Page 87 1 have done. board A-13. And then the other section is three and

- I know there was some concerns that we 2
- were just plopping buildings down on the site in some 3
- 4 random fashion and we really took into account the
- building design to be -- have the least -- we know
- we're in an environmentally-sensitive site. You 6
- know, we have wetlands surrounding us. And we know 7
- that we want these buildings to work with the grade, 8
- we have a sloping site. 9
- It slopes from this back here all the 10
- 11 way down low area to the right side of the site
- 12 (indicating).
- MR. LINNUS: Let the record reflect 13
- that you're -- excuse me, let the record reflect that 14
- you're referring to A-13. 15
- THE WITNESS: Correct. 16
- I was going to just say that. I was 17
- 18 pointing to the board over there, A-13. So what we
- needed to do was to find a way to have these 19
- 20 buildings make up that grade, that grade difference.
- We could have just went and a lot of 21
- developers just flatten the site, throw their 22
- building on it, put their parking, and put up a bunch 23

concerned about how this building -- how these

buildings would work with the grade. We didn't want

- of retaining walls. 24
- 25 That's not what we did. We were very

- four section, three- and four-story section for these
- three buildings here (indicating), Buildings 4 3
- 4 through 6.
- So what I want to point out in these 5
- sections is that this side, this left side of the 6
- 7 building I'm pointing to, my slide now, is the high
- side of the site and the building takes the grade 8
- 9 from one side to the other.
- So on this side of the building 10
- 11 (indicating), it's two stories. On this side of the
- building, it's three stories (indicating). 12
 - BY MS. COFFEY:
- Q. When you're talking about the sides, 14
- just to be clear for the record, you're saying that 15
- referring to the building type A/B section on the 16
- left side it's the two stories and the on the
- right-hand side it's the three stories, correct?
- A. Correct. 19

13

- Q. Thank you. 20
- A. And what this does, is it allows the
- building to take the grade and we oriented these
- buildings parallel with the slope so that the 23
- buildings themselves take up a lot of that grade 24
- 25 charge across the site. You'll enter on the

Page 86

- three-story, you can enter on the three-story side or
- the two-story side and get access to the buildings. 2
- They're elevator-served buildings. So 3
- 4 it doesn't matter which side you access on, you can
- 5 just take an elevator up to the floor you live on.
- 6 Another thing I wanted to talk about
- 7 is, we have -- we wanted to reduce the amount of
- 8 impervious surface as well, so one of the ways to do
- 9 that is to put under-building parking and take those
- spaces off-site and put them under the building. 10
- So we've done that in both of these 11
- 12 sections (indicating). You can see at least in these
 - 13 sections on the high side, we have garages and it
 - varies per building. Each building section is 14
 - slightly different depending upon its location. 15

 - Sometimes the building is on the low side. 16
 - But we've done this so that we can take 17
 - those parking spaces, move them in site and then 18
 - offer an additional amenity to our guests, to our 19
 - 20 renters.
 - CHAIRWOMAN SCHAEFER: How deep are 21 those garages? 22
 - 23 THE WITNESS: The garages vary in width
 - from 20 to 25 feet. I'm sorry, vary in depth, I 24
 - apologize. 25

to put a lot of retaining walls everywhere. It is a 3 sloping site, we knew they we're going to be 4

required, we knew that there was going to -- there was some boring samples done.

7 We knew there was going to be rock.

Going through rock is expensive. Developers don't 8

9 want to do it, so we want to avoid that as much as possible. 10

5

6

- So with this next slide --11
- 12 MR. LINNUS: For the record, you're
- referring to what I'm now marking as A-15 and putting 13
- today's date on it. 14
- (Whereupon, Drawing is received and 15
- marked as Exhibit A-15 for identification.) 16
- MR. LINNUS: Do you want to identify 17
- what A-15 is? 18
- THE WITNESS: A-15 is Sheet A-17 in the 19
- submitted drawing set. It is called "Section." 20
- This drawing shows a section through 21 the two different types of buildings on-site. 22
- 23 We have three -- two-and three-story buildings on this side of the site. 24
- Again, I'm pointing to Sheet A-13, the 25

Page 89 Page 91 1 So we have a total on-site of 107 1 This particular building has 23 parking spaces, which pulls 107 parking spaces inside 2 dwellings in total. It has 12 ones and 11 twos. 2 the buildings and allows us to reduce some of that 3 CHAIRWOMAN SCHAEFER: So Building 1 on 4 impervious surface. 4 the other exhibit is where? All of these buildings are fully THE WITNESS: Building 1 would be 5 5 accessible and they are fully sprinklered. They're located on Exhibit A-13 right here (indicating). It 6 6 7 sprinklered with NFPA 13 system. 7 is the smallest building. All of the corridors, one-hour rated; 8 We've distributed the low- and 8 stairwells, two-hour rated down. moderate-units throughout the entire site. This is 9 9 the only building that doesn't have a low- and Every unit has two ways out of the 10 10 building. moderate-unit in it and it's just because it's 11 11 Next side, which is titled "A-1 smaller and it just didn't fit within the building 12 12 Building 1 Plans." 13 13 MR. LINNUS: That's A-16. I'm marking I'm going to move to the next slide. 14 14 that A-16. Would you identify that, please. MR. LINNUS: That would be A-17. You 15 15 (Whereupon, Sheet A-1, Building 1 Plans 16 want to identify that, please. 16 is received and marked as Exhibit A-16 for (Whereupon, Sheet A-2, Building 1 17 17 identification.) 18 Elevations is received and marked as Exhibit 18 THE WITNESS: That is A-1, Building 1 A-17 for identification.) 19 19 20 Plans. This is the A-1 sheet in the submitted set. THE WITNESS: It's called Sheet A-2, 20 So I'm just going to take you through Building 1 Elevations. 21 21 these floor plans pretty quickly. I'm not going to 22 So the building we were just looking 22 go through every building. I'll describe one at, the garage side is located to the top 23 23 building and then I'll briefly touch on the aspects (indicating) and you'll note we've changed -- we do a 24 24 25 of the different buildings, things that make them 25 lot of things here. This is a smaller building, so Page 90 Page 92 slightly differently. we didn't use as many of the techniques that we use, 1 But all of the buildings are designed that I'll talk about in future buildings, to break 2 essentially the same. The tuck-under garages, and 3 down the mass. 3 they're split from a two-story, three-story design or 4 This building is fairly small, but we 4 a three-story, four-story design. do create some turn gables, roof dormers to break up 5 5 So on Building 1, you can see the the mass of the roof. We have turn gables and we do 6 6 7 garages are here. The lowest level, which is on the 7 recess different sections of the building, large left labeled "Ground Floor," that level is the -recesses to create break shadow lines, changing in 8 8 9 it's one-sided. The back portions over here are 9 the material heights so that your eye is drawn all across the elevation and not one static linear line. 10 essentially unexcavated area. 10 They're all high-quality materials. It's going to be So there's a hallway that serves these 11 11 12 stairwells and these units. There is no access or fiber cement siding, brick, there's going to be metal 12 exit other than the stairwells at this level. 13 accent roofs, vinyl windows, all high-quality 13 At the next level, now the garages come 14 14 into play and they're accessed from the back. CHAIRWOMAN SCHAEFER: So on Building 1 15 15 There's also a lobby access here and on the first exhibit, can you show me what side the 16 16 every garage gets access through a corridor into the garage is? 17 17 corridor spaces and each one of these little bump THE WITNESS: The garages would be on 18 18 areas is a doorway into those units. The corner the uphill side right here (indicating). 19 19 units get two bedrooms. They get a lot of extra CHAIRWOMAN SCHAEFER: Thank you. 20 20 glass. And then there are storage spaces as well. So the other side will show the 21 21 They're in orange here (indicating) in this plan, 22 22 three-story. 23 they're for tenants to store some seasonal items and 23 THE WITNESS: Correct. some additional items that they don't -- can't fit in And that would be the drawing 24 24 their units. 25 underneath that. That is the three-story side of 25

Page 93 Page 95 that elevation. mix of both market-rate units and low- and MS. COFFEY: Just for the record, 2 moderate-units. It has the one low- and moderate-one 2 that's the side that's facing towards Bonnie Burn 3 bedroom and the blue here (indicating) is the low-3 4 Road. 4 and moderate-two bedrooms, they stack (indicating). THE WITNESS: Correct. We'd like the units to be the same all the way up 5 5 through the building so that they stack all the way And, again, same techniques, the same 6 6 7 materials. 7 up. You do all the plumbing runs, you have to do We don't treat any side of this everything through the building. You really don't 8 8 building any differently, they're all treated the want to switch floor to floor. 9 9 same with the same materials; brick, fiber cement BY MS. COFFEY: 10 10 11 siding and metal railings, metal accent roofs, all 11 Q. Mr. Raker, just for the record, how high-quality materials. many market-rate units are in this building and how 12 12 I'm going to go to the next exhibit. many affordables just to give everyone the total 13 13 MR. LINNUS: A-18. You want to view? 14 14 15 A. Sure, sure. 15 identify that, please, sir. (Whereupon, Sheet A-3, Building 1 There are a total of 26 dwelling units 16 16 Elevations is received and marked as Exhibit in this building and there are nine affordable units 17 17 A-18 for identification.) in this building. 18 THE WITNESS: Building 1 elevations, Q. And could you also point out the trash 19 19 20 Sheet A-3. These are the end elevations of that rooms, please? 20 building and you can see in this elevation, you can 21 A. Sure. 21 see how the grade slopes along here and changes from 22 Every building has a trash room that is 22 one story to the other. located -- so all trash is handled internally. The 23 23 Building 1's building height complies trash is -- there's a trash room located on each 24 24 25 with the ordinance and it's 34 feet, approximately 25 floor in this area right here (indicating). Page 94 Page 96 34-and-a-half feet. And that is measured from And those trash rooms contain a chute 1 average roof to average grade and those calculations inside of it and the tenant goes in with their trash, 2 were provided in the engineer's submission. puts the trash into the chute, the chute drops down 3 3 MR. LINNUS: Do all the buildings 4 into a container, a compactor. 4 comply with the height requirements of the ordinance? 5 It's compacted at the lowest level and 5 then brought out on trash day. It's picked up just 6 THE WITNESS: All of the buildings do 6 7 comply. I'm going to go to the next slide. 7 like a residential trash. Those containers are MR. LINNUS: That will be A-19. Do you rolled out, brought out. The truck is scheduled, the 8 8 9 want to identify that, please, sir. 9 truck comes by and picks it up and then continues on. (Whereupon, Sheet A-4, Building 2 Plans And that's the same for every building. 10 10 is received and marked as Exhibit A-19 for MS. PENNETT: What about recycling? 11 11 12 identification.) 12 THE WITNESS: Recycling is handled the THE WITNESS: Sheet A-4, Building 2 same way and some of the ways, there's alternate ways 13 13 plans. This sheet, I'm not going to spend too much to handle recycling. 14 14 time on it. You'll notice that there's a green low-Sometimes you can put a chute in. That 15 15 can be pretty loud going down as well, but sometimes and moderate-unit that is pointed out here 16 16 17 (indicating). what we'll do is we'll just do containers next to the 17 This building contains 18 two -chutes and that's emptied by maintenance, it's 18 18 market-rate two bedrooms, two low-and-moderate one brought down to the trash room for recycling and 19 19 bedrooms and six low-and-moderate two bedrooms and it's picked up on scheduled recycling times. 20 20 one low- and moderate-three bedroom. That three MS. PENNETT: So you have recycling for 21 21 bedroom is located right here (indicating). papers, plastics, cans? 22 22 23 CHAIRWOMAN SCHAEFER: So is this --23 THE WITNESS: All that's required by this building is all low or moderate? the township. 24 24

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THE WITNESS: No. This building has a

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MR. LINNUS: And the county?

Page 97 Page 99 1 THE WITNESS: And the county, county A-13? 2 THE WITNESS: Building 3 is located in 2 requirements. Next slide. this location here, furthest from Bonnie Burn Road 3 3 4 MR. LINNUS: That would be A-20. You 4 (indicating). BY MS. COFFEY: want to identify that, please. 5 (Whereupon, Sheet A-5, Building 3 Plans O. In the northeastern, northwestern? 6 6 7 is received and marked as Exhibit A-20 for 7 A. Southwestern. identification.) CHAIRWOMAN SCHAEFER: And the 8 8 THE WITNESS: This is Sheet A-5 of the three-story would be facing towards Bonnie Burn Road? 9 9 submitted set, Building 3 plans. THE WITNESS: The three-story goes to 10 10 11 This building is nearly identical to 11 to Bonnie Burn, the two-story is this direction Building 2. There's just a slight modification in 12 12 (indicating). the number of low-and-moderate units, one additional And another thing, I don't know if I've 13 13 pointed out previously is we recessed a lot of some unit. 14 14 of the garage doors. You can see a lot of them end 15 Whoops, I apologize. 15 That unit is located here (indicating). up in shadow. We changed their colors as well. We 16 16 BY MS. COFFEY: don't want to have a tenant drive down a row of 17 17 18 Q. So Mr. Raker, can you just give us the garage doors that are all lined up and visible. We breakdown again, total number of units and how many want to offset some of the aesthetic so that when you 19 19 are affordable, please? drive down, you're not seeing any more than a 20 20 21 A. So for Building 3, again, it's 26 grouping of three or four at a time. 21 dwelling units and included in them is eight CHAIRWOMAN SCHAEFER: And maybe it's 22 22 low-and-moderate units. just me, are those garage doors taller than normal? 23 23 This building is three -- two-split and THE WITNESS: No, they're standard 24 24 25 it's 34-and-a-half feet in height. This building has garage doors. There will be an accessible garage in Page 98 Page 100 18 garages as well. each building. It's not a van-size space. It is a 1 standard-size accessible space. It doesn't require Next slide. 2 2 MR. LINNUS: That would be A-21. You any additional height. It's going to be the same as 3 3 want to identify that, please? 4 the remaining spaces or garage doors. 4 (Whereupon, Sheet A-6, Building 2 and 3 5 Next slide. 5 Elevations is received and marked as Exhibit 6 MR. LINNUS: A-22, you want to identify 7 A-21 for identification.) 7 it, please. (Whereupon, Sheet A-7, Building 2 and 3 THE WITNESS: This is Sheet A-6 in the 8 8 9 submitted set, Building 2 and 3 elevations. It's 9 Elevations is received and marked as Exhibit both buildings. There's no difference in the A-22 for identification.) 10 10 elevations of Buildings 2 and 3, even though there's THE WITNESS: This is Sheet A-7, 11 11 12 a slight unit shift and name. Buildings 2 and 3 elevations. These are the end 12 13 This building is getting a little bit 13 elevations of Building 3. longer. One of the things that we've done to this I'm not going to spend much time on 14 14 building is we've dropped the roof line in the center this slide. It's the same discussion that we had on 15 15 and raised it at the edge. 16 the previous ones. I'm going to skip onto the next 16 So that sort of helps break the length 17 17 slide. of the building up and we've also included some MR. LINNUS: That would be A-23. You 18 18 balcony bays that are different from gable bays, so want to identify it, please. 19 19 that it breaks some of that mass up along the (Whereupon, Sheet A-11, Building 4 20 20 Plans is received and marked as Exhibit A-23 building. 21 21 Again, all high-quality materials, the for identification.) 22 22 THE WITNESS: This is Sheet A-11 in the 23 same as the previous buildings and it goes entirely 23 around each side of the building. submitted set, titled "Building 4 Plans." 24 24 MR. LINNUS: Where is Building 3 on Building 4 contains 54 dwelling units 25 25

and in that 54 is 13 low-and-moderate units. You can 1 We use the same techniques. We've see those low-and-moderate, the three-bedroom 2 changed some of the roof -- first of all, we've 2 changed some of the colors in this building. We're low-and-moderate you can see here and here 3 3 4 (indicating). 4 going to do two different color schemes so that not all the buildings look the same. We have two And all of the low-and-moderate units 5 5 are labeled with an "LM" for low and moderate. different color schemes that we'll alternate through 6 6 7 This building is handled the same as 7 the site so the buildings look somewhat different. the other buildings. It's just longer. We moved the We have a drop roof here (indicating), 8 8 garage doors in and out so that you're not seeing again, to sort of group these elements together and 9 9 groupings of them all lined up along that alley these elements together. 10 10 11 (indicating). 11 Again, deep shadow lines, large projections, a very elegant traditional look. 12 We've created some storage spaces in 12 the back here (indicating) and this building also has MAYOR BALLA: Question, what's the 13 13 a trash room like the other buildings and an elevator elevation from the base to the top of the roof line 14 14 for circulation. Two means of egress from every 15 15 on the right there? floor. 16 THE WITNESS: The elevation, you're 16 MR. LINNUS: And where is Building 4 on referring to the bottom drawing or the top drawing? 17 17 18 MAYOR BALLA: The bottom drawing. 18 THE WITNESS: Building 4 is located in THE WITNESS: So the bottom drawing, 19 19 the northerly side of the side, north, northeasterly the building height, itself, is -- this is Building 20 20 side of the side in front of that detention basin. 5. 21 21 Move onto the next. 22 MAYOR BALLA: So the base to the ridge. 22 MR. LINNUS: A-24. THE WITNESS: The building height is 45 23 23 Do you want to identify it, please? feet, 6 inches. The lowest point to the highest 24 24 25 THE WITNESS: Yes. point, it would be if you had, you know, you took a Page 102 Page 104 (Whereupon, Sheet A-12, Building 5 view only from this corner all the way to the highest 1 Plans is received and marked as Exhibit A-24 2 point, probably be about 56 feet in that range 2 for identification.) 3 somewhere. 3 4 THE WITNESS: Sure. 4 THE WITNESS: I'm going to move on to I'm handling these two buildings the the next slide. 5 5 same. This is A-12 of the submitted sheets, Building 6 6 MR. LINNUS: That would be A-26. You 7 5 plans. 7 want to identify that, please. Buildings 4 and 5 are nearly identical. 8 (Whereupon, Sheet A-14, Buildings 4 and 8 9 There's just a slight change in the low-and-moderate 9 5 Elevations is received and marked as Exhibit units. So Building 5 has 56 dwelling units and that A-26 for identification.) 10 10 includes 12 low-and-moderates. THE WITNESS: That's Sheet A-14 in the 11 11 12 I don't know if I said Building 4. I 12 submitted set, Buildings 4 and 5 elevations. And just want to make sure I get that on. Building 4 was 13 these are the end elevations of those buildings. You 13 54 dwelling units with 13 low-and-moderate units. could see as the same as before, we have the 14 14 I'm going to move onto the elevations. topography that changes from side to side taking up 15 15 MR. LINNUS: All right. A-25, you want 16 the grade. 16 Next sheet. to identify that, please. 17 17 (Whereupon, Sheet A-13, Building 4 and MR. LINNUS: That would be A-27. You 18 18 5 Elevations is received and marked as Exhibit want to identify what that is, please. 19 19 A-25 for identification.) (Whereupon, Sheet A-8, Building 6 Plans 20 20 THE WITNESS: This is Sheet A-13 in the is received and marked as Exhibit A-27 for 21 21 submitted set, it's Buildings 4 and 5 elevations. identification.) 22 22 In this building, now this is -- you're 23 23 THE WITNESS: This is Sheet A-8 in the seeing the buildings that are a little bit further submitted set, Building 6 plans. Building 6 has 45 24 24

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away from the western side of the site.

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dwelling units in it and four low-and-moderate units.

In Re: Bonnie Burn Page 105 Page 107 1 CHAIRWOMAN SCHAEFER: You said 45 accessed from either side. They're sized per code to manage a stretcher and they're sized accordingly. 2 units? 2 THE WITNESS: Correct. MAYOR BALLA: In the event of a fire, 3 3 4 CHAIRWOMAN SCHAEFER: And I'm sorry, 4 you're on the fourth floor, the way out is where the tan area is there? 5 5 THE WITNESS: Four low-and-moderate THE WITNESS: Correct. 6 6 7 7 So all these stairs, there's stairs on units. BY MS. COFFEY: either ends of the building, those are fully 8 8 Q. Mr. Raker, before you go further with 9 protected. A-27, do you want to point out where Building 6 is on The corridor, itself, is rated and the 10 11 A-13? 11 unit is rated. Each unit is rated individually, 12 A. Sure. 12 between units and rated from the corridor. Then you Building 6 is the southern-most exit into a one-hour enclosed corridor down to the 13 13 building in the highest area in these three. So the stairwell, which takes you down to the ground floor 14 14 buildings are stepping up one story at a time as they 15 15 or the exit point. go to the back, the same as these. BY MS. COFFEY: 16 16 MR. LINNUS: And how many Q. Mr. Raker, can you just explain to 17 17 low-and-moderate units? people what "rated" means? 18 THE WITNESS: This one, Building 6 had A. Rated, yeah. 19 19 four low-and-moderate units. All of the walls in these buildings are 20 20 This building has 21 garages in it, the required to have a fire rating. They're tested, ASTM 21 21 same -- has a trash room and a number of storage does testings and they provide ratings for the 22 22 spaces for some of the tenants as well. various types of wall construction and we're required 23 23 CHAIRWOMAN SCHAEFER: You know, you're to follow those types of construction. 24 24 saying a "trash room." 25 MAYOR BALLA: My question with regard 25 Page 106 Page 108

- Is it just one trash room per building? 1
- THE WITNESS: Yes, yes. 2
- In that trash room, at the bottom of 3
- the chute, it has a compactor in it. Everybody goes 4
- to the elevator, the trash room is located at the 5
- elevator. Usually you're taking your trash out as
- you're going out in the morning, so you go to -- as 7
- you're going to the elevator, you bring your trash,
- 9 you throw it in room, then you're onto the elevator.
- CHAIRWOMAN SCHAEFER: And is there fear 10 of overflow of the trash?
- 11 12 THE WITNESS: No, trash is totally
- managed. It's compacted in the lower levels and it's 13
- managed. They determine the volume and they just 14
- schedule pickups as needed to manage the volume. 15
- CHAIRWOMAN SCHAEFER: And how often do 16
- they pick up? 17
- THE WITNESS: It's relative to the 18
- number of dwelling units, the number of trash. I 19
- wouldn't know the frequency in volume for this 20
- project. That might be an operations question. 21
- MAYOR BALLA: The elevator is where in 22
- 23 that photo?
- THE WITNESS: They're all located right 24
- in the center of the building, so they're easily 25

- to that is what is in the attic, in the top level in
- the attic in terms of fire protection? 2
- THE WITNESS: I'm going to go back to 3
- 4 the section.
- BY MS. COFFEY: 5
- Q. So you're looking at A-26? No?
- A. No, I'm going to go back, it's like one
- of the first slides. So this while it's -- it's
- 9 somewhat diagrammatic.
- 10 O. A-15?
- 11 A. This is A-15, I guess, in the -- thank
- you.
- 13 Q. A-15, yes.
- 14 A. You'll have these roofs here, and this
- brings up another point, if you notice in all the 15
- elevations, you didn't see any mechanical louvers, 16
- which is great, it's not necessarily the most 17
- aesthetically pleasing thing to see. 18
- We're able to with the pitched roofs, 19
- hide all the mechanical louvers up in the attic. It 20
- does a couple of different things. 21
- Not in the attic, but on the roof up in 22
- here (indicating). And that does a couple of 23
- different things; one, it shields anybody from having 24
- to see it and two, it creates a little bit of a 25

Page 109 Page 111 buffer from sound of the units as well. laundry facility? So I'm going to go forward back to 2 THE WITNESS: There are laundry in 2 where I was again. 3 every unit. I'm going to go through the unit plans 3 4 BY MS. COFFEY: 4 shortly. I'm going to show you some photographs of typical units that we've done for this developer. Q. But Mr. Raker --5 MS. COFFEY: A-28 at this point, MAYOR BALLA: So the question I have 6 6 is: The ceiling in the top floor, it's separated 7 correct, Mr. Linnus? from that attic section by what? MR. LINNUS: Do you want to identify 8 8 THE WITNESS: Correct. All of these 9 9 A-28, please. are rated, every floor and assembly here is rated. (Whereupon, Sheet A-9, Building 6 10 10 Elevations is received and marked as Exhibit This is separated with a rated ceiling assembly. 11 11 MAYOR BALLA: A ceiling assembly? A-28 for identification.) 12 12 THE WITNESS: A-28 is Sheet A-9 on the THE WITNESS: Correct. 13 13 submitted set, Building 6 elevations. MAYOR BALLA: But what about the 14 14 ceiling assembly, itself, does that go straight And again, the same techniques are used 15 15 through the whole building? in this building. This building, again, is the 16 16 THE WITNESS: Yeah, we -- there's a upper-most building here on the southern side of the 17 17 number of fire and smoke barriers that we're required 18 site (indicating). 18 And the same high-quality materials for to put up there as well. 19 19 20 We also are required to sprinkler. this building, same techniques, breaking up the mass 20 We're putting in an NFPA13 system. All interstitial of the building so it doesn't appear to be so long 21 21 spaces will be sprinklered. and repetitive. You know, we've created a lot of 22 22 MAYOR BALLA: Including that space up techniques to break that up. You can see some of the 23 23 balconies located here on these buildings as well. there? 24 24 25 THE WITNESS: Correct. Not every unit gets a balcony, but many of them do. Page 110 Page 112 MAYOR BALLA: Okay. CHAIRWOMAN SCHAEFER: And I will assume 1 1 THE WITNESS: Where did we leave off? at some point in your testimony you're going to show 2 2 us site exhibits of both directions and --BY MS. COFFEY: 3 3 4 Q. This is where we left off. THE WITNESS: Yes, I save that for the 4 5 A. Six, okay, thank you. 5 end. 6 Q. Yup. CHAIRWOMAN SCHAEFER: It won't be 6 7 A. So did I give the count on this? I 7 tonight. did, okay. 8 THE WITNESS: Next slide. 8 9 So -- and, again, this building 9 MR. LINNUS: It would be A-29. Do you contains all of the other amenities that the other 10 want to identify that, please. 10 (Whereupon, Sheet A-10, Building 6 buildings have with the trash compacting and elevator 11 11 service, storage spaces, as well as garage, the Elevations is received and marked as Exhibit 12 12 number of garages. This particular building is 21 13 A-29 for identification.) 13 garages. And all of these buildings comply with the THE WITNESS: It's Sheet A-10, Building 14 14 height ordinance. This particular building is 45 6 elevations. I'm not going to give any real 15 15 testimony to this. The building complies. These are feet. 16 16 substantially similar to the other elevations that I want to go to the next slide. 17 17 O. One second, Mr. Raker. I've discussed. 18 18 MS. COFFEY: Madam Chair, I believe, BY MS. COFFEY: 19 19 Q. And they're the building ends, correct? 20 there's a question. 20 A. Correct. MR. LINNUS: That would be A-28. 21 21 MS. PENNETT: Does every unit have a Next slide. 22 22 23 garage? 23 MR. LINNUS: Do you want to identify THE WITNESS: No. A-30, please. 24 24 CHAIRWOMAN SCHAEFER: And what about a THE WITNESS: Yes. 25 25

1 (Whereupon, Sheet A-15, Unit Plan is 1 THE WITNESS: -- according to the received and marked as Exhibit A-30 for testimony that we gave. 2 2 identification.) 3 CHAIRWOMAN SCHAEFER: So a one-bedroom 3 4 THE WITNESS: A-30 is Sheet A-15, unit 4 low and a one-bedroom moderate are going to be the plan. There are a number of unit plans that I've 5 submitted to the -- in the most recent submission, I 6 THE WITNESS: They could be. think we've gotten almost everyone, not every single 7 CHAIRWOMAN SCHAEFER: But they might unit type, but at least every type is represented in 8 8 the most recent submission. THE WITNESS: When the building gets 9 9 The unit plans I'm going to walk engineered, it is possible that something, a 10 10 through just briefly. Very open living kitchen 11 structural element makes one slightly smaller than 11 spaces, usually dual access baths for the bathrooms 12 12 the other. so that there's a private access from one end and a BY MS. COFFEY: 13 13 public access. Q. Is it helpful to talk about what the 14 smallest one-bedroom affordable unit is and the 15 In the two-bedroom we would have a 15 biggest one-bedroom affordable unit and give that master bedroom, which would have private access of 16 16 it's own bath and then the second bedroom would have range? 17 17 a common bath usually in a more less public area of 18 A. Well, yeah, we can do that. 18 the unit so that they're not walking through the I can talk about the -- yeah, so right 19 19 20 living space to get to their bathroom. now what we're showing here is -- and I think I 20 We are showing low and moderate pulled these up because they're a little more typical 21 21 slightly larger -- slightly smaller in size usually and not necessarily relegated to which one was very 22 22 grouped around the elevators. All of these units are low, which one was moderate. 23 23 fully adaptable. Every unit in this complex will be So the one-bedroom low units are going 24 24 25 fully adaptable. to be in that 600, upper 600 range. The two-bedroom Page 114 Page 116 All the building -- the entire building low-and-moderates are going to be in the upper 900 1 1 is adaptable. 2 2 MR. LINNUS: If the unit is very low, 3 I'm going to go to the next sheet, 3 take a one-bedroom, that would be 680 square feet? because the next sheet will likely contain, I 4 4 THE WITNESS: It could be. I'm not -believe, a three-bedroom unit. 5 5 6 I can't testify --6 MR. LINNUS: That would be A-31. 7 MR. LINNUS: Is there any very low 7 Do you want to identify that, please? unit, one-bedroom less than 680 square feet? THE WITNESS: It does appear we have a 8 8 9 THE WITNESS: You know what, I have to 9 560 square foot one-bedroom low-and-moderate. look -- I'd have to look on the plan and check that 10 MR. LINNUS: Wait a second, you're 10 for you. I don't know that 100 percent. I'll have still on A-30, I guess. 11 11 to take a quick --12 BY MS. COFFEY: 12 MR. LINNUS: While you're looking at 13 Q. Mr. Raker, you may want to go back to 13 that, the two-bedroom, if you have a two-bedroom very A-13, the cover sheet. I think you have that chart 14 15 low, what's the square footage of a two-bedroom very on A-13, which might be the most helpful. A. Yeah, I don't know that it would be low unit? 16 16 17 THE WITNESS: I have -legible. 17 MR. LINNUS: As well as moderate. MR. LINNUS: The cover sheet is A-14. 18 18 THE WITNESS: I have to say I haven't 19 19 MS. COFFEY: A-14, thank you. -- on my plan sheets, I have not discerned the very THE WITNESS: So the smallest 20 20 low from the low. They're all low-and-moderate units low-and-moderate one-bedroom is 560 square feet. 21 21

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low and/or very low --

and in my mind, the owner can dictate which one is

CHAIRWOMAN SCHAEFER: So a one-bedroom

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That would likely be assigned as a very low.

680 square feet that we discussed earlier.

MR. LINNUS: And the smallest moderate? THE WITNESS: The next size up is the

Page 117 Page 119 1 We have one that's 645 square feet and identification.) one that is 680 square feet and then 760 square feet. 2 THE WITNESS: This is Sheet A-16 of the 2 BY MS. COFFEY: 3 submitted set, unit plan. 3 4 O. Those are all dimensions of one-bedroom 4 So in this -- in this I'm showing -affordable units? and this is something I did want to talk about a 5 5 6 A. Units. little bit. 6 7 CHAIRWOMAN SCHAEFER: It's 760? I'm 7 We did have some, what we call, not seeing that here. I see 790. one-bedroom dens. They're smaller units. They're 8 8 labeled on my sheets as two-bedroom units, because THE WITNESS: Oh, I apologize, that was 9 9 790. It's my eyes and the size of the text on the conservatively we want to make sure that we're 10 10 11 sheet. I apologize. 11 getting the right number of parking, the right number So then for the two-bedroom of -- of -- of sewer load calculations. 12 12 low-and-moderate units, they range in size and I'll However, it is fully intentioned that 13 13 list those sizes for you. We have 930 square feet. this space here be marketed not as a bedroom, as a 14 14 CHAIRWOMAN SCHAEFER: Fifty. 15 15 den. 16 BY MS. COFFEY 16 MR. KELLER: Thirteen. THE WITNESS: I don't think I'll be 17 Q. You're referring to the two-bedroom 17 18 able to see that. It gets blurry when you get close. 892-square-foot layout? So we have 913 for the two-bedroom 19 A. Correct. 19 20 low-and-moderate. We have, it looks like 987, 987. And, likewise, for the two-bedroom den 20 BY MS. COFFEY: unit, the den doesn't have a door on it. And this 21 21 22 O. So 967. space we're saying is a two-bedroom with an office. 22 23 A. Is it 967? We're not putting a door on it. 23 However, in our conservative parking **24** Q. That's a 6, yeah. 24 25 THE WITNESS: Okay. Sorry, I think I 25 calculations, we counted it as a three-bedroom. Page 118 Page 120 need new glasses. MR. LINNUS: Counsel, how are you going 1 1 CHAIRWOMAN SCHAEFER: No. 987. That's to make sure that the dens or the offices that are 2 2 identified in the project are not used as bedrooms? according to what I have --3 3 4 MS. COFFEY: Oh, it is an 8. I need 4 MS. COFFEY: So the leases that the glasses. 5 applicant intends to use prohibit use of those 5 THE WITNESS: That's 987 for the offices as bedrooms and they actually do occupancy 6 7 low-and-moderate units, the two-bedroom 7 checks to make sure that they're not being utilized low-and-moderate units. The three bedroom 8 as bedrooms and they have a leasing requirement that 8 9 low-and-moderate units vary. There's 983, it looks 9 like 983-square-foot unit. 1180 -- is that 1183? 10 MR. LINNUS: So you'll incorporate that 10 in the lease that someone who is leasing a 1163. And what is that, 11 --11 11 12 CHAIRWOMAN SCHAEFER: It's 1083. two-bedroom, plus an office they'll be prohibited 12 13 THE WITNESS: Yes, 1083. 13 from office use -- from --And, again, those are approximate sizes MS. COFFEY: From bedroom use. 14 14 because when the building is fully engineered and MR. LINNUS: -- bedroom use? 15 15

square feet as well. 18 I'm going to continue on. It's going 19 to take me a while to get back to my slides. 20

I'm going to move onto the next sheet. 21

MR. LINNUS: That would be A-31. You 22

structural walls go in, they get pushed and pulled,

lose a few square feet here and there or gain a few

23 want to identify that, please, sir.

(Whereupon, Sheet A-16, Unit Plan is 24

received and marked as Exhibit A-31 for 25

17 MR. LINNUS: As well as the dens? MS. COFFEY: Same thing, correct. 18 MR. LINNUS: And that will be in the 19 leases? 20 MS. COFFEY: It's in the leases, 21

correct, and they do do occupancy checks to make sure 22

23 that that's being complied with.

MS. COFFEY: Correct.

CHAIRWOMAN SCHAEFER: How often do they 24 do that? 25

16

17

16

Page 121 Page 123 MS. COFFEY: I will have to find out 1 1 THE WITNESS: So the next thing I want 2 to hit on about these units is they're well 2 for you. MR. FIORILLA: Would the two-bedroom 3 appointed. 3 These are all, you know, well-designed, 4 892-square-foot unit on the left, you said the 4 open floor plans, lots of glass, lots of natural bedroom would be marketed -- that that would be 5 marketed as a one-bedroom? light, great amenities. I'm going to take you 6 6 7 THE WITNESS: Yeah, that one would be 7 through some of the -marked as one-den. CHAIRWOMAN SCHAEFER: Before you go to 8 8 MR. LINNUS: And for construction your next slide, which I'm assuming is going to start 9 9 purposes, they will not be bedrooms? showing the interiors of these, this is where we're 10 10 11 THE WITNESS: I'm not sure what you going to break you. I mean, breaking you and 11 12 mean for construction purposes. 12 stopping. (Laughter.) MR. LINNUS: Are there differences 13 13 MS. COFFEY: We're going to end 14 between --14 testimony for the night. 15 THE WITNESS: I can tell you for 15 occupancy calculations, we'll count it as a bedroom. CHAIRWOMAN SCHAEFER: I'm sorry, it's 16 16 We always take the most conservative route. my bewitching hour. 17 17 BY MS. COFFEY 18 THE WITNESS: I'm very close to the 19 Q. But, for example, Mr. Raker, there's 19 end. not a closet provided? CHAIRWOMAN SCHAEFER: Yeah, but then we 20 20 21 A. Not a closet provided, no. want to open it up to public and I want to be able to 21 MS. COFFEY: And I have an answer for refresh their memories for our next meeting. Okay? 22 22 you, Madam Chairwoman, on the frequency of the So I do want to stop it here. And --23 23 inspections. I'm told they're done at least once a because we're going to get a lot of questions, I'm 24 24 year. 25 sure, from the public. 25 Page 122 Page 124 And I also see that you have another So, you know, I want to give ample 1 1 question from one of your board members. opportunity. 2 2 MS. PENNETT: Is there a population With that being said, do we want to 3 3 number of people that can be living in each of the schedule a couple of special meetings? Because we do 4 4 apartments? have another application that has now been put off to 5 5 MS. COFFEY: So the applicant's lease 6 6 March and we will start our March meeting with them. prohibits more than two people per bedroom. 7 So I had my board secretary reach out 7 CHAIRWOMAN SCHAEFER: I'm sorry? and right now it looks like either March 10th or 31st 8 8 9 MR. LINNUS: Say that again? 9 would work for a special meeting. MS. COFFEY: Okay. Let's -- if I --MS. COFFEY: The lease only allows two 10 10 may I poll our folks quickly? people per bedroom, a maximum of two people per 11 11 bedroom would be the right way to say that. CHAIRWOMAN SCHAEFER: Absolutely. 12 12 MR. SPEENEY: You actually have an 13 (Whereupon, a short recess is held.) 13 MS. COFFEY: We think that the 10th agreement with the occupants that they can only have 14 14 two people per bedroom? works. We'd have to double confirm. 15 15 MS. COFFEY: Yes. One thing that I would ask the board to 16 16 17 MR. SPEENEY: And babies? consider is if we have professionals who are 17 MS. COFFEY: A baby is a person. available on the 10th, would you be willing to have 18 18 Oh, no, baby is not a person. Hold on. us do a pause in the architectural testimony and, for 19 19 The cutoff is 18 months or younger, I'm example, have our environmental consultant come and 20 20 told. testify that evening or would you prefer that we 21 21

she sneaks by.

22

23

24

25

MR. SPEENEY: Okay, thank you.

MS. COFFEY: I'll have to let -- I have

an 18 month or younger. I'll have to let her know

22

23

24

25

else.

complete architecture before we move onto somebody

CHAIRWOMAN SCHAEFER: Yeah, I would

prefer the architect, because we're in the middle of

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- architecture. I don't want to -- you know, then
- we're opening it up again to the public isn't able to 2
- ask questions because we're only limiting it to that 3
- 4 specific testimony. I would prefer that we continue
- on with architectural so we don't lose our thought
- pattern. I understand where you're coming from, 6
- 7 but...
- MS. COFFEY: Okay. We should know in 8
- the next little bit whether to be able to confirm 9
- whether or not the 10th works. So for now if we can 10
- 11 plan for the 10th and we'll let you know for some
- 12 reason a conflict arises.
- Is that acceptable? 13
- CHAIRWOMAN SCHAEFER: That's 14
- acceptable. And then we're going to also -- we're 15
- also going to send out an e-mail to everybody for 16
- special meeting dates for April and May. And we'll 17
- get back to you with that. 18
- But with that being said, your 19
- application, we need to extend again. 20
- MS. COFFEY: We're currently through 21
- March 30th. 22
- CHAIRWOMAN SCHAEFER: March 31st. 23
- MS. COFFEY: Or 31st. 24
- 25 CHAIRWOMAN SCHAEFER: So are you

- yeah, if it's acceptable, we'll plan for March 10th
- and if for some reason that does not work, we can
- 3 always send somebody on March 10th to continue it if
- 4 that's what's required. We don't know for certain
- whether our architect is available. We're hoping 5
- 6 that he can rearrange his schedule to make that work,
- 7 but we just -- we can't say for sure this evening.
- 8 CHAIRWOMAN SCHAEFER: Well, if we can't
- continue with the architect, I strongly urge the 9
- architect be here. If he can't, then we'll move on 10
- 11 to something else with you.
- But, yeah, let us know, but we'll put 12
- you down for March 10th. 13
- MR. LINNUS: So there will be a special 14
- meeting on this particular application on March 10th. 15
- The intension is to have the architect come back and 16
- provide testimony, but in any event, Ms. Coffey will 17
- 18 be here with witnesses on March 10th. If that's the
- case, there will be no special notice, other than the 19
- notice of this special meeting that Theresa will 20
- attend to. 21
- This will be -- for the public, this 22
- will be your notice that there be no further 23
- notification by way of certified mail, typical 24
- 25 notice.

1

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- So March 10th special meeting BNE in
- these facilities at 7:30. 2
- 3 MR. BUTLER: Madam Chair, may I just
- 4 have a comment before you close the record. Bill
- 5 Butler representing objector Weldon.
- 6 So it looks like BNE is going to be
- 7 carried to 3/10 and we're going to continue with the
- 8 architect.
- 9 CHAIRWOMAN SCHAEFER: Unless the
- architect cannot change his schedule, then we will 10
- probably do environmental, is what she said. 11
- 12 MR. BUTLER: Yeah. And you might have
- a problem with that, but Weldon doesn't. I mean, we 13
- don't -- we don't objector to taking witnesses out of 14
- turn. You might, but we don't. 15
- CHAIRWOMAN SCHAEFER: I prefer to keep 16
- -- thank you. I prefer to keep it all in line. 17
- MR. BUTLER: I understand, I 18
- 19 understand.
- CHAIRWOMAN SCHAEFER: But if we can't, 20
- we can't. 21
- MR. BUTLER: All right. Now, on the 22
- 23 10th we're doing architectural and/or environmental.
- Are we doing traffic on the 10th? 24
 - MS. COFFEY: I would think after we

acceptable to moving it now to, say, the end of June? 1

- MS. COFFEY: I'm seeing panic. 2
- CHAIRWOMAN SCHAEFER: I'll move it up 3
- to the end of May, but I know that, you know, we're 4
- trying to accommodate you as best as we can, but we 5 have other things on our agenda too and we're willing
- to do special meetings for you guys, but --7
- MS. COFFEY: We appreciate it. 8
- 9 CHAIRWOMAN SCHAFER: -- I just want to
- -- if we get that 500 year storm. 10
- MS. COFFEY: Why don't we plan for the 11
- end of May and then we'll take it from there, if 12
- that's all right. 13
- CHAIRWOMAN SCHAEFER: Okay. 14
- MR. LINNUS: All right. You're 15
- extending the time within which the board would take 16
- action on the application through May 31st, 2020; is 17
- that right, Ms. Coffey? 18
- MS. COFFEY: That's correct. 19
- MR. LINNUS: Now, a little issue with 20
- regarding notice, are you coming here on March 10th 21
- 22
- 23 CHAIRWOMAN SCHAEFER: She's going to
- get back to us. 24
- MS. COFFEY: Yeah. So what I would --25

25

Page 129 Page 131 complete those two subject areas, we would next be more questions for the architect? moving to planning and I think it would be a lot to 2 CHAIRWOMAN SCHAEFER: Right now. For 2 expect that we would also get traffic in all in one 3 3 the next meeting. 4 evening. 4 COUNCILMAN MARTINO: The next meeting. If things go very efficiently, perhaps 5 CHAIRWOMAN SCHAEFER: We're going to 5 we would start on traffic. I would think it would be 6 6 let him finish his testimony. 7 Okay. So everybody in the public, you 7 unlikely. know the gig, it's March 10th, 7:30. Be here for a 8 MR. BUTLER: Okay. Now, on the 31st, 8 9 BNE has nothing to do with the 31st at this point; is 9 continuation of BNE. Thank you. that correct, March 31st? MS. COFFEY: Thank you, all. 10 10 CHAIRWOMAN SCHAEFER: That's just when 11 (Whereupon, this matter is continuing 11 12 they were -- their application was good until. They 12 to a future date. Time noted: 10:07 p.m.) now have moved that to May 31st. 13 13 MR. BUTLER: Okay. 14 14 CHAIRWOMAN SCHAEFER: They've extended 15 15 their time to May 31st. They're going to be in front 16 16 17 of us on March 10th and then The Learning Experience 17 is going to be in front of us March 17th, not BNE. 18 18 MR. BUTLER: Okay. And March 31st --19 19 20 CHAIRWOMAN SCHAEFER: Is not --20 21 MR. BUTLER: -- is irrelevant? 21 CHAIRWOMAN SCHAEFER: We gave them two 22 22 dates. 23 23 MR. BUTLER: Okay. And then they took 24 24 25 the 10th, I understand. All right. 25 Page 130 Page 132 1 CERTIFICATE Thank you very much. 1 2 CHAIRWOMAN SCHAEFER: And then we're 2 3 I, LAURA A. CARUCCI, C.C.R., R.P.R., a Notary Public of the State of New Jersey, Notary ID. #50094914, Certified Court Reporter of the State of New Jersey, and a Registered Professional Reporter, hereby certify that the foregoing is a verbatim record of the testimony provided under oath before any court, referee, board, commission or other body created by statute of the State of New Jersey.

I am not related to the parties involved in this action; I have no financial interest, nor am I related to an agent of or employed going to come back to them in March with dates in 3 4 4 April. 5 MR. BUTLER: Okay, thank you. 5 6 MS. COFFEY: And, Madam Chair, I'm not 7 7 sure how all the scheduling will shake out, but it may make sense for the two large applications that 8 interest, nor am I related to an agent of or employed by anyone with a financial interest in the outcome of 9 9 you have to alternate, perhaps, between special this action. 10 This transcript complies with meetings and regularly scheduled meetings, for 10 regulation 13:43-5.9 of the New Jersey Administrative Code. 11 11 example. I don't know if that helps or not, but just 12 a thought. 12 CHAIRWOMAN SCHAEFER: Well, we'll 13 13 14 14 planning on special meetings for you so that we LAURA A. CARUCCI, C.C.R., R.P.R. License #XI02050, and Notary Public of New Jersey #50094914, Notary Expiration Date December 3, 2023 15 can --15 MS. COFFEY: Keep them regular. 16 16 CHAIRWOMAN SCHAEFER: Exactly. 17 17 Dated: 18 MS. COFFEY: I understand. Thank you. 18 CHAIRWOMAN SCHAEFER: Okay. Any 19 19 20 questions from the board members at this point? 20 COUNCILMAN MARTINO: Are you cutting it 21 21 off for --22 23 CHAIRWOMAN SCHAEFER: We're cutting it 23 24 24 25 COUNCILMAN MARTINO: We can't ask any 25

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