PLANNING & ZONING COMMISSION

Yorkville City Hall Council Chambers 651 Prairie Pointe Drive, Yorkville, Il Wednesday, May 10, 2023 7:00pm

NOTE: In accordance with Public Act 101-0640 and Gubernatorial Disaster Proclamation issued by Governor Pritzker pursuant to the powers vested in the Governor under the Illinois Emergency Management Agency Act, the City of Yorkville is allowing remote attendance at this meeting. Social distancing is being encouraged due to the current Covid-19 pandemic.

Meeting Called to Order

Chairman Jeff Olson called the meeting to order at 7:00pm, roll was called and a quorum was established.

Roll Call

Jeff Olson-yes, Deborah Horaz-yes, Richard Vinyard-yes, Reagan Goins-yes, Greg Millen-yes (via Zoom)

Absent: Danny Williams, Rusty Hyett

City Staff

Krysti Barksdale-Noble, Community Development Director Jason Engberg, Senior Planner

Other Guests

Lynn Dubajic Kellogg, City Consultant (via Zoom)

Christine Vitosh, Court Reporter/Vitosh Reporting Service

Mr. Kyle Barry, McGuire Woods

Emily Kahanic, Kimley-Horn

Scott Osborn, Turning Point Energy

Donna Krahn, Cannonball Trail, Bristol

Paulette Budreck, Cannonball Trail, Bristol

Andrew Silagyi, Irrev. Tr.

Roger Arntzen, Cross St., Bristol

Paul Borneman, Conover

Bill Bazan

Lori Haff-DeLancy, Plum St., Bristol

Timothy Kepler, resident

Michelle (no last name given), via phone

Previous Meeting Minutes February 8, 2023

The minutes were approved as presented on a motion and second by Commissioners Goins and Horaz, respectively. Roll call: Olson-yes, Vinyard-yes, Goins-yes, Horaz-yes, Millen-yes. Carried 5-0.

Citizen's Comments

Mr. Roger Arntzen asked about the boundary of Yorkville with Bristol and if the property adjacent to Bristol Ridge Rd. and Cannonball is in Yorkville's jurisdiction. These questions will be answered after the meeting.

Public Hearings

Chairman Olson said there are two Public Hearings scheduled for tonight. He explained the procedure for the Hearings and swore in those would give testimony. At approximately 7:05pm Commissioner Vinyard moved to open the Hearings and Commissioner Goins seconded. Roll call: Vinyard-yes, Goins-yes, Horaz-yes, Millen-yes, Olson-yes. Carried 5-0.

Mr. Olson then read the Public Hearing descriptions:

- 1. **PZC 2022-02** Turning Point Energy, LLC, petitioner, has filed applications with the United City of Yorkville, Kendall County, Illinois, requesting rezoning approval, special use authorization and variance approval to construct a solar farm on the 54-acre parcel generally located east of Cannonball Trail and north of the Burlington Northern Santa Fe railroad line within the Bristol Ridge Planned Unit Development. The petitioner is requesting to rezone the parcel from the R-2 Single-Family and R-2 Duplex PUD to the A-1 Agricultural District, special use permit approval for a solar farm land use and variance approval to decrease the minimum distance between the ground and the solar panels from ten (10) feet to a minimum height of two (2) feet.
- 2. PZC 2022-03 Turning Point Energy, LLC, petitioner, has filed applications with the United City of Yorkville, Kendall County, Illinois, requesting rezoning approval, special use authorization and variance approval to construct a solar farm on the 42-acre parcel generally located east of Cannonball Trail and south of Galena Road within the Bristol Ridge Planned Unit Development. The petitioner is requesting to rezone the parcel from the R-2 Single-Family and R-3 Townhome PUD to the A-1 Agricultural District zoning, special use permit approval for a solar farm land use and variance approval to decrease the minimum distance between the ground and the solar panels from ten (10) feet to a minimum height of two (2) feet.

See Court Reporter's Transcripts of Public Hearing Proceedings Power Point Presentation and related materials to be entered into official record

At approximately 8:24pm the presentations finished and a motion was made and seconded by Ms. Horaz and Mr. Vinyard, respectively, to close the Public Hearings. Roll call: Goins-yes, Horaz-yes, Millen-yes, Olson-yes, Vinyard-yes. Carried 5-0.

Unfinished Business None

New Business

- 1. **PZC 2022-02** Turning Point Energy (see full description above)
- 2. **PZC 2022-02** Turning Point Energy (see full description above)

Mr. Engberg presented details for the southern parcel. He said the Bristol Ridge development for residential was approved in 2006 with a 20-year lifespan, expiring in 2026 and not likely to be developed. To move forward, these petitions will require an annexation amendment and a Public Hearing at City Council and annexation agreement. The rezoning and variance are contingent on a positive annexation agreement amendment. That matter will go to the May 30th City Council meeting.

Mr. Engberg briefly outlined some of the recommendations. He discussed panel height and also said staff has recommended a maximum of 15 foot setbacks. An ag-style fence for both properties was proposed, however, staff recommends an 8-foot chain link fence with slats and screening. A dollar estimate was provided for decommissioning and EEI said it was appropriate. Per city policy, the requirement is 120% of the estimate plus a 3% inflation rate. This is a condition of the special use. An approved landscaping plan and site plan are also needed as part of the special use. A blanket easement for the city is required as part of the decommissioning. An inspector will be required for a 2-year maintenance period to insure the establishment of grasses. Finally, the gap in the northern parcel must be filled with landscaping as a condition of the special use.

Commissioners' Discussion

Mr. Olson said he had many questions. He said the value to decommission is incorrect based on his experience as a 20-year demolition contractor. He also said the solar panels cannot be salvaged and re-sold as the presentation claimed. He said Waste Management said there is no means by which to dispose of solar panels as indicated in the presentation and they would go into a landfill and not be deconstructed for salvage value. In the future, the panels alone would cost over half a million to be disposed of and the money set aside would not be adequate. He said the presentation was thorough, but he questions other statements in the report. He would like more information on the effect on Bristol residents and he would like an engineered SWPPP (Stormwater Pollution Prevention Plan). He said more information is needed on the drain tile/wet spot and he does not have confidence in a software report for the glare study. Because the decommissioning report is incorrect according to Mr. Olson, he would want to add in the conditions that engineering is needed prior to a vote. He also wishes for the city to determine if they want restoration of grass in the event of decommissioning and they must determine if the grass cost is included.

It was decided that more information is needed and the petitions would be continued. A list of requested items is:

- 1. Engineered SWPPP which documents how the site will manage their water during construction.
- 2. Drain tile issue to be resolved.
- 3. Engineering study for glare report.
- 4. Re-evaluation of decommissioning study.
- 5. City to approve cost of restorative grass at decommissioning time.
- 6. Wish to have native Illinois pollinators.

Motions for Continuance:

PZC 2023-02 Rezoning: Motion by Mr. Vinyard, (no second). Roll call: Goins-yes, Horaz-yes, Millen-yes, Olson-yes, Vinyard-yes. Carried 5-0.

PZC2023-02 Special Use: Motion by Mr. Vinyard, (no second). Roll call: Millen-yes, Olson-yes, Vinyard-yes, Goins-yes, Horaz-yes. Carried 5-0.

PZC2023-02 Variance: Motion by Ms. Goins, second by Ms. Horaz. Roll call: Goins-yes, Horaz-yes, Millen-yes, Olson-yes, Vinyard-yes. Carried 5-0.

PZC 2023-03 Rezoning: Motion by Mr. Vinyard, second by Ms. Goins. Roll call: Horaz-yes, Millen-yes, Olson-yes, Vinyard-yes, Goins-yes. Carried 5-0.

PZC2023-03 Special Use: Motion by Mr. Vinyard, (no second). Roll Call: Millen-yes, Olson-yes, Vinyard-yes, Goins-yes, Horaz-yes. Carried 5-0.

PZC 2023-03 Variance: Motion by Mr. Vinyard, second by Ms. Goins; Roll call: Olson-yes, Vinyard-yes, Goins-yes, Horaz-yes, Millen-yes. Carried 5-0.

Additional Business

1. Appointment of Vice Chair

Commissioner Vinyard volunteered to be the Vice Chair and was approved unanimously on a voice vote.

2. City Council Action Updates

PZC 2022-24 New Leaf Energy dba Beecher Solar and PZC 2022-25 Giovanna Schmieder were both approved.

Adjournment

There was no further business and the meeting was adjourned at 8:52pm on a motion by Ms. Goins and second by Mr. Vinyard, respectively. Unanimous voice vote.

Respectfully submitted by Marlys Young, Minute Taker

	PZC - Public Hearings - May 10, 2023-	
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17	800 Game Farm Road	
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21	Wednesday, May 10, 2023	
22	7:00 p.m.	
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	PZC - Public Hearings - May 10, 2023	2
1	PRESENT:	
2	Mr. Jeff Olson, Chairman,	
3	Ms. Deborah Horaz,	
4	Mr. Richard Vinyard,	
5	Ms. Reagan Goins.	
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7	ALSO PRESENT:	
8	Ms. Krysti Barksdale-Noble, Community	
9	Development Director;	
10	Mr. Jason Engberg, Senior Planner,	
11	Ms. Marlys Young, Minute Taker.	
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24		

Ī	PZC - Public Hearings - May 10, 2023	3
1		
2	<u>INDEX</u>	
3	WITNESS: PAGE	
4	BARRY KYLE 8	
5	SCOTT OSBORN 9	
6	EMILY KAHANIC 33	
7	BILL BAZAN 39	
8	LORI HAFF-DELANCY 45	
9	ROGER ARNTZEN 48	
10	DAVID ENGER 52	
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		

(WHEREUPON, the following
 proceedings were had in public
 hearing:)

CHAIRMAN OLSON: We're going to move on to the public hearing portion of the meeting.

There is two public hearings scheduled for tonight's Planning and Zoning Commission meeting.

The purpose of this hearing is to provide testimony from members of the public regarding proposed request that is being considered before the Commission tonight.

Public testimony from persons

present who wish to speak may be for or may be

against the requests or to ask questions of the

petitioner regarding those requests.

Those persons wishing to testify are asked to speak clearly, one at a time, and state your name, who you represent, if anyone. You are also asked to sign in at the podium or that card that went around, which I think everyone did, if you plan to speak.

Right now, if you plan to speak during tonight's public hearing as a petitioner or a member of the public, please stand, raise

your right hand, and repeat after me. So anybody who wishes to speak tonight, stand now. Okay.

Thank you.

(Witnesses thereupon duly sworn.)

CHAIRMAN OLSON: All right. The order for receiving testimony during the public hearing portion of tonight's meeting will be the petitioner presentation where they will talk about what's up for vote tonight, then we will have those who want to speak in favor of the request and then we will have those who want to speak in opposition to the request, so petitioner, in favor, opposition. And with that said, we have the ground rules.

May I have a motion, please, to open the public hearing on Petition Number PZC 2023-02, Turning Point Energy, LLC, rezoning approval, Special Use Authorization and Variance approval for the 54-acre parcel, and PZC 2023-03, Turning Point Energy, LLC, rezoning approval, special use authorization and variance approval for the 42-acre parcel.

MR VINYARD: So moved.

MS. GOINS: Second.

CHAIRMAN OLSON: Roll call vote on the motion, please.

MS. YOUNG: Vinyard.

MR. VINYARD: Yes.

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MS. YOUNG: Goins.

MS. GOINS: Yes.

MS. YOUNG: Horaz.

MS. HORAZ: Yes.

MS. YOUNG: Millen. Millen.

MR. MILLEN: Yes.

MS. YOUNG: Thank you. Olson.

CHAIRMAN OLSON: Yes.

MS. YOUNG: Thank you.

CHAIRMAN OLSON: All right. The public hearings up for discussion tonight are PZC 2023-02, Turning Point Energy, LLC, petitioner, has filed applications with the United City of Yorkville, Kendall County, Illinois, requesting rezoning approval, special use authorization and variance approval to construct a solar farm on the 54-acre parcel generally located east of Cannonball Trail and north of the BNSF railroad line within the Bristol Ridge Planned Unit Development.

The petitioner is requesting to rezone the parcel from R-2 Single-Family and R-2 Duplex PUD to the A-1 Agricultural District, special use permit approval for a solar farm land use and variance approval to decrease the minimum distance between the ground and the solar panels from ten to a minimum height of two feet.

PZC 2023-03, Turning Point Energy,
LLC, petitioner, has filed applications with the
United City of Yorkville, Kendall County,
Illinois, groundhog day here, requesting rezoning
approval, special use authorization and variance
approval to construct a solar farm on the 42-acre
parcel generally located east of Cannonball Trail
and south of Galena Road with the Bristol Ridge
Planned Unit Development.

The petitioner is requesting to rezone the parcel from R-2 Single-Family and R-3 Townhome PUD to the A-1 Agricultural District zoning, special use permit approval for a solar farm land use and variance approval to decrease the minimum distance between the ground and the solar panels from ten feet to a minimum highlight of two feet. Okay.

1 Is petitioner for PZC 2023-02, 2 Turning Point Energy, present and prepared to 3 make their presentation of the proposed request? 4 MR. BARRY: Yes, Mr. Chairman. 5 CHAIRMAN OLSON: Would you take the 6 podium, please? Does the mic work on the podium? 7 MR. ENGBERG: That's a good question. CHAIRMAN OLSON: If the mic doesn't 8 9 work, if you could speak a little louder. We're 10 not sure. 11 KYLE BARRY, having been first duly sworn, testified from the 12 13 podium as follows: MR. BARRY: Thank you, Mr. Chairman. 14 Members of the Commission, good evening. My name 15 16 is Kyle Barry, I am an attorney with the law firm 17 of McGuireWoods, and tonight I am here 18 representing the petitioner for both cases that 19 are on the agenda. 20 The petitioner is Turning Point Energy and my client for the first case is TPE IL 21 22 It's a developer of a solar project in KE105. 23 the area described by the chairman in the opening

24

description.

For both the projects, and specifically for KE105, we will have -- I will be presenting two witnesses. The first witness is Scott Osborn, so, Scott, if you could please step up. Scott is a project developer for Turning Point Energy. The second witness is Emily, she is an engineer supporting the engineering firm of Kimley-Horn, and she is supporting the project.

So each witness is going to take you through a PowerPoint presentation for both projects, so without further adieu, I am going to turn things over to Scott Osborn, who will walk you through it now. Thank you.

SCOTT OSBORN,

having been first duly sworn, testified from the podium as follows:

MR. OSBORN: Thank you, Kyle. As Kyle mentioned, my name is Scott Osborn. I am the developer on this project, which means I am responsible for the various permitting tasks through the city, and I'll reach the landowners and try to meet -- make sure we meet all your requirements. So I have notes in my slide on my computer, so hopefully I can do this properly.

So what is Turning Point Energy?

TPE is a developer of solar projects. We primarily focus on what's called community solar, and that's -- community solar at least in Illinois is five megawatts of AC power, and that generally translates to 20 to 30 acres of panels. So a 40-acre parcel, which is pretty common, can host one of these -- one of these types of projects, and so that's what we focus on.

The owners of this company -- I work for this -- I joined the company part-time last year, but full-time in January, and the owners of this company have been in and around solar energy for 20, 25 years. I've been around energy development for 25 years working in the field.

So we do these community solar projects. We advise our -- we advise investor clients, we advise landowners in some cases in how to work with other developers if they call asking for our help on what's this lease mean. I do that pretty regularly for wind and solar.

So this is a map of where we have worked and where we are working. As you can see, it's a pretty broad spectrum across the country.

Our people, we're mostly a remote company, so I live outside of Denver, the person I report to lives in Rhode Island, the person she reports to lives ten miles north of me, so it's an interesting structure for me because we have staff really all over the country. Next slide, please. Thank you.

The company has a goal of making long-term investments in the communities in which we work. We try to find charities that are doing good work that we can support. It's part of the -- a good member of the community, a good corporate citizen, and we will -- we work to find these charities, and if we can help them, we certainly -- we certainly will try.

The company owner, the primary owner, has a certain number in mind he wants to give away every year, I think it's very generous, and we are working to meet his goal.

This slide indicates different places where the company has given money just trying to help the local communities where we work. Next, please.

So this is a video of one of the --

of a project that the company did, and if you will click play, Jason, I think it will run. It has a lovely soundtrack in the background, so -- that might not work for us, but this is a Maryland project, it's a smaller project, 1.27 megawatts DC, so that's about a megawatt of AC power.

It's an active tracking array, which means the panels will tilt to follow the sun across the sky trying to -- the panels maintain a perpendicular position to the sun, helps them capture 15 to 20 percent more energy than just being stationary.

As you can see, the field is planted in a grass and that helps reduce any kind of erosion. There are some places where it didn't take very well and had to be replanted, but that is what that array looks like. Again, that's in Maryland. The soundtrack is really quite moving. Next slide, Jason, please. Thank you.

So community solar, like I mentioned, it ends up being about 25 acres in panels. This facility, the KE105, that is just

north of the Burlington Northern railroad and east of Cannonball Trail, we believe it's going to produce enough power to power 1,030 homes in output throughout the year.

The community solar programs allow people who would really love to have solar, really hope to buy solar, and maybe even at a discount to their standard ComEd rates, but don't want to write a check for \$20,000 or more to put solar on their roof.

Maybe you're a renter and you don't own the roof, so you can't do that anyway. Maybe your house is surrounded by trees, you have a little shade, but you want this, too, so you can participate in this program and it will allow the homeowner or renter or business owner or renter to participate and have the green power that they want to buy. Next, please.

So this is a map of the site. This is our zoning site plan. As you can see,
Burlington Northern is on the southern end.

Let's see if I can make this pointer work. So we have Burlington Northern railroad here, the golf course over here on the southeast side, there is

a big ComEd substation and a high voltage power line that parallels the railroad to the south side of our proposed subject area. Cannonball Trail is over here, Bristol Tap right there, and the refrigeration business.

This is the property now of Robert Velazquez. He owns a landscape company called Semper Fi. I have met with him a couple of times and he is a little hesitant about this use, I admit that, and, you know, they bought an old farmhouse in the countryside kind of and kind of expected this to be a bit more remote I think.

So we have designed in here vegetative screening on the northwest side that reduces the visibility of the facility, and Emily will go into more detail on the plant mix that we plan to use for this screening.

We have a screening also built down the west side of the project area and that will reduce visibility from Cannonball Trail from the Tap into the homes on Cannonball.

As part of this process, we will have to have an above-ground power line, and this is dictated by ComEd, this is how the process has

to be, and there is a point right there, where just to the -- little shaky, right there just to the east of the driveway, the north driveway on -- for the refrigeration shop, that's the interconnect right there. There is a couple of panels that ComEd has said this is where you are going to tie in.

So as the data on this site shows, the property is owned by Daniel White. He is a commercial real estate developer, construction guy, I think he is in Barrington, and he has owned this property, I'm trying to remember when -- he has owned this property for several years now.

They really don't have plans to advance the planned unit development that's here called Bristol Ridge that was permitted and annexed into the city in 2006, and that annexation agreement I guess expires in a couple years and they haven't made any real advancement in the development of any infrastructure like utilities, water, sewer.

We think it's really unlikely that anybody would be able to move a residential

subdivision quickly enough to meet that deadline and we think this is a suitable alternative use for the property.

What was planned here initially with Bristol Ridge was I think about 207 residential units, primarily single-family homes, and 2007 happened and a lot of the developments through here, I'm sure you all are aware of what happened with property values as that occurred, so the residential use kind of just fell out.

In this area we requested a variance for panel height. The ordinance presently says a minimum height on panels of ten feet, a minimum height, so they're two feet above my head here, so -- at the bottom, so that would put them 25, 30 feet up in the air, and we had speculated as to why that was written into the ordinance when it was, we don't really -- I don't think any of us knows, but that height would make this -- would make something like this almost impossible to screen visually with planting.

We couldn't build a 30-foot high wall fence to hide that, so that's why the reason

we requested a variance on the height. That height would also add significant wind loads. I think the term we described was an unnecessary burden on the project design, so that is the reason for the variance request.

We have an agreement pending with ComEd for interconnection, so we know that they can accept the power. In some cases projects might go through this entire permitting process and not know about interconnection, power delivery. We know that they can accept the power and we are first in line to sign up for this location to serve power into ComEd on the wires that are there.

Setbacks, so from the road we have a minimum setback of 100 feet, but the distance here from the property line of the refrigeration shop to the first row of panels is 625 feet. So we're nowhere near the road, so we're set back, this road exists -- our driveway path here is -- I want to say it was -- well, it's 700 feet, I have it written in right here. So 700-foot driveway in, and setback from Bristol Tap, and I'm very worried about Mr. Velazquez and not

negatively affecting their quality of life, their home, so we maximized our setback as far as we could from the homes and businesses along Cannonball Trail, and there is this potential wetland in here in the property.

I think it's probably the result of a drain tile failure or damage possibly by the construction of the ComEd substation, and if we can -- if we can figure out what is happening here and solve that, we will move these panels here that are on the west side, the farthest west, and be able to move them a little bit to the southeast, increasing our setback from the western property line.

MR. ENGER: What about the other residents that are living there, meaning us?

CHAIRMAN OLSON: We'll have time for questions from the public after he's done with the presentation.

MR. ENGER: Okay, I'm sorry. I didn't mean to interrupt.

CHAIRMAN OLSON: Don't be. It's okay.

MR. ENGER: We are talking about one person and there is multiple.

MR. OSBORN: And I want to make sure everyone is heard and I will address all your concerns.

MR. ENGER: I understand. Sorry to interrupt.

CHAIRMAN OLSON: Go ahead.

MR. OSBORN: Next slide, Jason, please.

Pollinators. This is the grass and plant and flower mix that we would place under the panels to make sure that -- you can't leave an open piece of dirt, it's just going to absorb a bunch of weeds and have a lot of run-off and sediment and drainage, so the entire field would be planted with these pollinator seeds that are good for the birds and bees and, in that respect, it would also help reduce any kind of run-off from a heavy rainfall. Emily is going to speak more to that, she knows a lot more about that than I do. Next slide, Jason.

Drain tiles, we have -- our advisor is a gentleman named Tom Huddleston. He knows drain tiles, he grew up in drain tiles, so this is his field of expertise. I think it's a generational business, so we have a lot of

experience.

The site does have a drain tile system in it, I have a map provided by the landowner that shows that there is -- that there is a system in place. Mr. Huddleston and his team will survey that system and map it, make sure that we know exactly where everything is, and we can design the layout such that the -- so that we don't drive an anchor through a drain tile and create a problem, and if we think we're going to do that, we can relocate the drain tiles and make sure that the mutual line doesn't affect neighbors upstream or downstream because we don't want to create a problem for anyone.

I have very little experience working with drain tiles, so I don't know all that much about it, but what I have learned about causing problems for other people scares me a bit, so we will do everything we can to avoid causing a problem in that area. Next one, please.

So the project construction we think is going to employ 50 to 75 people. It will be four to six months, should it be allowed to move

forward. As you can see in the gray table here, the taxes for the parcel right now as ag producer are very small. For a solar facility we think the number is about 42,000 year one and 70 percent of that money goes to the local -- to the local school district. We always hear how the schools need more money, so if we can help the schools, we are happy to do that.

I know that the city just did budgets and I saw the number and I see that 42,000 isn't even a drop in the bucket compared to the city's annual budget, so is it a significant difference? It's a significant increase over the current number. Is it a significant difference financially to the city? I don't think it is, but it is an improvement over what's there today. Let's see. Thanks, Jason.

So we did a study, and I will go into the study on glare in a moment. We found that the facility does not reflect or shine onto neighboring properties or onto the roads causing any kind of danger. We won't have people coming and going regularly from the project. I know

that I'm sure we've all sat at the stoplight at 47 and Galena Road wondering when we were going to get through the intersection, so we won't be adding to traffic issues long-term, so we think with 50 to 75 people working there during the construction phase, that might be a bit of an irritation in Bristol, but it won't be people coming and going from 200-plus homes on a daily basis long-term.

We have no water use, we have no sewer use. These projects don't really emit any smell or -- they shouldn't generate any noise, there would be no lighting, they're not plantable. There's been some concerns about things catching fire and there's nothing really there to catch fire.

The pollinator mix long-term will improve the soil conditions, allow the soil to rest. It's kind of like putting a farm field fallow or in a CRP or some other program that just lets the ground rest, and the last point outside is I try to address the donations plans that we have.

This is the first visualization we

had done of the facility, so this is kind of -you can see the railroad right there, so this is
really right above the railroad, the intersection
with the railroad and Cannonball Trail, and that
is the substation as it is in place with ComEd,
and this area here is the potential wetland that
I addressed.

So if we can solve this question, we can move all these panels here over here and improve the setback from Cannonball Trail and the adjacent homes even more, so if we can make that happen, we certainly -- we certainly will, and we're going to try. Also along here we have vegetative screening, so this -- as the plants grow in, they will help reduce the visibility of this facility.

We have our driveway coming off of Cannonball Trail and the above ground power poles that I mentioned, and there will be some electrical boxes that I mentioned here that are inverters and transformers. It's necessary equipment for any kind of electrical production.

Different aerial view. I like this one because it shows the golf course, it shows

the existing trees planted along the railroad, reducing visibility on th9is side.

I tried to reach the golf course a number of times just to get their comments, never really heard back from anyone over there, so I guess they're not concerned.

There are existing plantings along the property lines over here that we're hoping will help further reduce visibility and, again, it's just another angle of view from above.

Along Cannonball Trail we have -our proposed driveway would be here. This shows
the unused portion of the property north of our
driveway still being used for farming, so on this
parcel, I think it was 54 acres and we are using
about 26 acres, we will have some part of the
property that needs to be filled in just inside
the fence with the pollinators, but I estimated
that at eight to ten acres of unused property,
and in that unused property, my preference would
be to have it continue to be farmed. It was
soybeans last year, I assume it's going to be
corn this year. I haven't been up there this
week to see if it's been planted. They seem to

be alternating between soybeans and corn.

So, again, we have the poles that would be proposed, and it's not terribly easy to see that the panels are there back there, they're showing a max height of I think 15 feet, and some planting along our driveway, and the trees that -- and we will go into some detail as to what plants -- what plants we would like to plant there. Jason, please. Thank you.

I wandered out in the back of the Bristol Tap from their parking lot, and there is kind of a gap here, so the facility again is in the background there, the Com Ed substation and high voltage power lines here. Our power pole is over here, and again hoping for it to be farmed.

I am trying to get a definitive answer on how we do that. I think that we -- the landowner seems to be open to working to maintain some of the other use. I don't want to have ten acres of grass I have to go mow and I don't think anybody else does. So that's kind of the direction we are going, trying to get this -- make sure that this continues agricultural production.

So Mr. Velazquez, who has the home there on the west side of the road, and this is the back of his -- between his out-buildings, so he has a large metal a shed over here, his garage is on the other side of the photo. The trees in the background are where the facility is. These kind of big brown trees are currently there, he has planted those. Just another view of what we think.

I touched briefly on glare. Glare is a reflection off of the panels or off of the equipment, and we can't go shine a mirror on somebody ever, so we had this study done, and the study tracks the sun across the sky, it tracks the position of the panels, and it gauges where those panels might reflect the sun's light.

I'm sure we've all had it driving past a window or walking past a window and get hit with that unexpected shine right in the eyes. That's why we do the study. We don't want to harm our neighbors, we don't want to risk -- we don't ever want to risk anybody on the road.

This study does not contemplate existing landscaping, trees, buildings, it just

looked at the sun, the position on the road or the position of the potential observation point, so if there are already trees there, it doesn't know that.

The study here came back saying you're not going to reflect on anybody, so we're pretty confident in those results, but we're still going to have the screening and the fencing, and then should there ever be a problem, we can adjust the tilt of the panels slightly so that they kind of jump past that window where they are reflecting on somebody or some location. We can also plant trees, we can add slats to fences. There are a number of things we can do to mitigate that problem should it occur, but this study says that it won't occur. Next,

So as I mentioned, the Bristol Ridge Planned Unit Development was on this property.

It was annexed by the City in 2006. This residential subdivision was proposed. 2007 happened and many of the homes, many of the new Montgomery village homes north of there just went through the floor in value, so people bought them

for 350, they ended up being foreclosed on and sold a year and a half later for about 150,000, many of them, and so the market for this development at the time, before 2007, looked great. 2007, it kind of killed that. So we don't really -- given the timeline we don't see that coming back as an alternative use here. Looking at my notes, make sure I'm not forgetting anything. So it's been almost 17 years and there hasn't really been any advancement of that program or that development. Included in here, well, Mr. White bought the property in 2017.

After the useful life of the project we are required to decommission it. Under the state law we have to enter into what's called a AIMA, Agricultural Impact Mitigation Agreement, and the counterpart to that is the Illinois Department of Agriculture, so they dictate the rules that say this has to come down, you have to work with the county or the city, depending on the jurisdiction, to establish decommissioning security so that the money is there just in case they can't find the project owner or the developer to make sure it is removed, and the

financial security will be there to make sure this facility is removed at the end of its life.

Under those rules I believe we are required to make -- Under our estimate for that we included plowing and planting, plowing and planting with native grasses and seeds. If the property was to return to agricultural use, the plowing and planting I think would not be necessarily needed. There would be some decompaction, but I think we have a lot of buffer in the number that we provided for decommissioning given that the planting may not be necessary should the parcel go back to agricultural use. Next, please.

I discussed the glare analysis. We don't have anything that should catch fire or explode. People have asked if these generate heat. They absorb the sun's light and so they will become warm like the top of a car sitting in the sun, that heat generally dissipates over about five to eight feet, so we're not creating a focus point for heat that could cause a fire.

We had a property study. This talks about property values. We had a property study

by a group named CohnReznick, and they know how to do this. They do the analysis. They studied a number of different things, so they studied previously peer reviewed studies of property values around these types of facilities, they interviewed tax assessors, they reviewed sales data, and they found no statistical proof of negative impact on property values of adjacent properties or nearby properties, so we are pretty confident in their work and we don't believe that anybody would be financially harmed by the presence of this facility.

So setbacks. For an agricultural parcel, it requires a 100-foot setback from the road. As we discussed, the setback is -- or as I discussed, the setback is over 600 feet. The side and rear yard for an agricultural parcel, that setback is eight feet under the ordinance.

We are set back at least 20 feet, I believe it's 20 to 60 feet depending on the location along around the north side, south side and/or east side of the parcel, so we are meeting the requirement for setback. I showed the viewshed images that try to display what we think -- how

we think the facility is going to look.

Our operations maintenance plan includes maintenance of the landscape, so we can't just plant these pollinators and leave them and let them grow to unlimited height. We also have to -- so they will have to be mowed regularly, I think it's every three to six weeks, to make sure that the height doesn't get carried away.

The noxious weeds, we have to handle the weeds. You can't let them -- we can't let them take over, so there will be some hand removal, there may be some spraying for weed control.

We believe that the pollinator mix, once it takes hold, will help squeeze the weeds out and keep them from establishing a foothold on the property, and the decommissioning, the decommissioning does require the whole thing has to be removed. That's going to be part of the contract with the state, it will be a condition of the permit, and it will be subject to the financial security to make sure it happens.

So the CohnReznick study, they did a

lot of analysis and they seem to really know this. This is statistical analysis, I don't know statistics, so we are pretty confident in their knowledge, and I've seen a number of other -- number of others cite this same firm doing this analysis.

So it was a lead regulator in the state government that oversaw the creation of this report and we're pretty confident of her neutrality on the question, that it's not biased in our favor.

I think that's an important thing to note because sometimes people get the studies they pay for, so we got a study that I think is pretty neutral and I think it provides a pretty good set. That's the conclusion.

CHAIRMAN OLSON: All right. Thank you. Is there anyone present who wishes to speak in favor of the request?

MR. BARRY: We have Emily.

CHAIRMAN OLSON: Go right ahead, yes.

I'm sorry. What was your name again, ma'am? I'm sorry.

MS. KAHANIC: Emily Kahanic.

CHAIRMAN OLSON: Thank you.

EMILY KAHANIC,

having been first duly sworn, testified from the podium as follows:

MS. KAHANIC: I am Emily Kahanic and I am on this project as the civil consultant for the firm of Kimley-Horn. You can go to the next slide.

MR. ENGBERG: One second.

MS. KAHANIC: All right. So I think
Scott did a good job kind of going through the
site plan already, but I just want to go through
some setbacks. So the requirements for the
setbacks, our agricultural railroad setback is
200 feet, the right-of-way setback is 100 feet,
the solar side yard setback is eight feet, as
well as the rear yard setback, and then we also
have a wetland buffer of 30 feet.

So if you will kind of look at this,

I think we are 574 feet from the agricultural
setback, so we're exceeding that by 574 feet.

And then also if you look at it there is the
interconnection point, it's kind of along the
road, so we have those power poles connecting to

Cannonball Trail, and that will be where we are planning to interconnect with approval from ComEd.

Then we also have our vegetation buffer, so we have that on the west side and the northwest side as a buffer from the north residential property, and then you can go to the next slide.

So this is our transportation access plan, so we would be coming off of Highway 34 going north on State Route 47 and then northeast onto Cannonball Trail, which is where our site access would be off of. You can go to the next slide.

So this is our landscape plan and a potential buffer that we would be using, so we plan to comply with the City of Yorkville recommendations, and it will be a mixture of native grasses and pollinators that we are planting throughout the solar array to create a conservation area.

This will help reduce the sediment and nutrient run-off, improve water quality and create enhanced critical habitat for fish and

wildlife populations on private lands.

Just to kind of run through some of the trees that we typically propose in this area, and this will all be run by and permitted when we get to the actual building permit application, but typically we do evergreen trees and shrubs, ornamental trees, ornamental grass and then large deciduous shrubs.

So the evergreen trees, the installed height is five feet, the ornamental trees installed height is eight feet, and the grass would be an installed height of two feet and then the shrubs are about four feet. Then if you go to the next slide.

So ASC does a hydrology abstract on the hydrologic response of solar farms. So the analysis of existing ground cover versus proposed ground cover, which would be -- our existing is crop and then proposed would be meadow, so the report concluded that solar panels over grassy fields do not have an affect on the volume of run-off, the peak discharge or the time to peak, meaning we are reducing the run-off that's going offsite onto neighboring properties.

Also, in addition to this, we do submit our plans to the IEPA, and we have to comply with the MPDS requirements, so we will submit a script to make sure that during construction and the final conditions that there is no run-off onto the neighboring properties and impacting them.

So this is a visual of kind of the existing versus proposed conditions, so in the proposed conditions, the water will run off the panels and come underneath the panels, and there is meadow underneath, so this is to replace the row crop that you can see on the left. That's the existing.

So meadow has longer roots which will which help decompact the soils and kind of increase the infiltration rate, which helps absorb water, and then it will actually decrease the amount of run-off that's coming off-site.

With crops, a lot of that water isn't really absorbed into the soil, so it kind of has more run-off that's actually leaving the existing site onto neighboring properties, so we are required to reduce that, and that is our

plan.

This is a visual of the ground cover. These aren't the exact plants that will be, but this is just an example of one where they have plantings.

There is a common misperception that plants can't grow underneath panels. They definitely can, and our landscape team definitely works to make sure we are planting the right plants that can sustain under shading versus plants outside of the arrays which might have more sun.

Decommissioning plan. I won't run through every single bullet, but we will be complying with the City of Yorkville Code requirements and any other requirements. At the end of the project life cycle, this will be decommissioned and we will provide financial security in the amount required per the City of Yorkville Code.

And then sound. So there is a noise ordinance that we plan to comply with. We are also going to be complying with the Illinois Pollution Control Board.

As you can us tell by our zoning site plan, we are 655 feet from the nearest home and 260 feet from the property line to the inverter, and the inverter is what would be making supposedly the most sound, but we aren't really going to hear this noise from the property line. It's a fairly ambient noise, similar to that of a refrigerator, so it should not or will not negatively impact neighboring properties.

Also for the SUP we submitted an EcoCAT. They evaluated it and actually terminated this project because -- not terminated the project. Their evaluation was terminated because there were no adverse effects on-site. You can go to the next one.

We submitted to SHPO, response is pending. We have seen a lot of times they do require an archeological survey. We will be complying with this and we will get this done prior to the start of construction if that's what they come back and ask for. And that is my presentation.

CHAIRMAN OLSON: Thank you. All right. For real this time, is there anyone who wishes to

speak in favor of the two requests?

(No response.)

CHAIRMAN OLSON: Is there anyone who wishes to speak in opposition to the proposed request?

MR. BAZAN: Yes.

CHAIRMAN OLSON: If you would like to,
please go up there. The way this is going to
happen, if there is multiple people who want to
speak in opposition, we ask that you do not
repeat the same points, so I will ask you to move
on if we are repeating ourselves. But go ahead,
sir. First state your name so we --

BILL BAZAN,

having been first duly sworn, testified from the podium as follows:

MR. BAZAN: My name is Bill Bazan. I've been a resident here since 1970 when Yorkville was about 600 people. I've seen a lot of good things in this town, I've seen some not so good things in this town. I've seen some stupid things, I've seen some ignorant things, and I think this is borderline ignorant and stupid. Once it's in the ground, it's in the ground

forever. You've destroyed the landscape.

northern Illinois because of our winters and -excuse me, I don't do this very often. I worked
in the energy sector for -- off and on for the
past 15 years, I've been an operating engineer
for 35 years, I've worked on solar farms, I've
worked on wind farms. I've traveled across from
Gila Bend, Arizona, to Yuma, Arizona, and seen
all of the solar panels out there.

On the north side of the road you can just see the heat boiling off of them panels and the desert is doing what the desert does.

Most of the power there is shipped right out of state over to California.

Northern Illinois produces a lot of power. We have four power plants down along -- down by Morris in Grundy and Will County. There is a gas-fired generating station in Minooka, there is two more under construction in Joliet. We've got Byron nuclear out there. More than likely, all this power is going to be shipped out of state, too. It's not going to go to local residents. Nobody's power -- or electrical

prices are going to go down.

It's a proven fact, wherever there is solar or wind, energy costs do not go down.

The local residents do not see any relief whatsoever. And it's all -- Is it all done with all taxpayer incentives? Probably. Does the taxpayer see anything out of it? No. Just a little bit of money to the school district.

Is the money, the revenue, generated from these things, does it stay in local banks? Probably not. It's shipped right out, just like they ship it down to Bentonville. It's kind of like a drain, and once it's in the ground, it's in the ground.

What about the tornadoes or microbursts we've had out there, who is going to pay the farmer for the \$50,000 bean head that just got destroyed by a panel? Who retains that liability? What about if it goes through a 5,000 tank, who is going to pay for that?

My family has farmed around here in Kendall County since the 1920's, and to see something like this -- this was an agricultural-based county, Yorkville is the

county seat, and we prided ourselves on our agriculture, and to see something like this go up, you know, that's a 10-foot ceiling, that's a 12-foot ceiling, so you are going to go three foot higher above than what this ceiling is, and they are really hideous. You drive across wherever this stuff is and they are really ugly in my opinion.

They are made with foreign-made materials. Are they going to be made with copper out of Arizona, aluminum out of Kentucky or Tennessee, steel out of Indiana? No, probably not a chance. It's all stuff made in China. Do we want to support a communist country? I sure as heck don't.

I just -- No. It's wrong. There is other ways to produce revenue. You want to build it? Why don't you take down this old gravel pit out there and reclaim that? There is probably 75 or 100 acres there that's not being used. Take the Nelson's old landfill out there. They build them on top of landfills. Add another five or ten foot of dirt to the landfill out there, put your panels out there.

You know, keep our agriculture around here. You can't eat solar panels, you can't feed solar panels to livestock, you know. It's just -- we are losing the core of what our county was and it's getting pretty sad to see this go on, you know. Just take a dive, nobody cares. Nobody is afraid to speak up.

If I hurt somebody's feelings, I don't care. Like I said, I've lived here all my life. I've seen crazy things go on. Part of the city code is all infrastructure materials underground has to be domestically made, has to be made out of U.S. products. Are these going to be made out of U.S. products? Probably not a chance, is there?

MR. OSBORN: There is manufacturing coming back to the U.S. now.

MR. BAZAN: Are these going to be made out of U.S. made products? Probably not.

Probably not. And what are you going to do when they go out of date? How do they get recycled?

Do they end up in a landfill just like the wind farms? They can't recycle those blades. You know, those things, they have a life expectancy

of about 15, 20 years. They are replacing all the ones out in Paw Paw that were put up in '08, and when they say only use ecofriendly lubricants, well, that thing spins around about 50 times, that oil is all contaminated. When it leaks, where does it go? Blows out in the cornfield on top of the crops. I don't really care for that stuff in my food, I don't know about you people.

And does it catch fire? You know what? Anything man-made is destined to fail. 99 percent of the time over time it will fail. And, you know, how do you put that stuff out when they do catch fire? Does our fire department put that stuff out? Just like lithium car batteries, how do you put that out? It's 20,000 gallons of water to put out a car battery.

It's just -- I don't know, this whole green deal thing, it's like they're trying to sell ketchup and popsicles to a woman in white gloves. It's just --

Is it going to be done by union labor? Is it going to be done by local labor?

Not the ones I've seen, it was all imported

labor, so, you know, and I am a union man and I am proud of it, but I know what goes on with a lot of these projects.

They'll have a couple of guys out
there and everybody else is from different
states, different countries. I worked on one
where hell, most of the people, they weren't from
the United States. There were a lot of investors
in that project, they were all Chinese investors.
I just -- it doesn't add up. It doesn't make
sense. They are trying to sell something to you
that we really don't need. I think there is
other and better ways to produce revenue for this
city and for the county.

So that's just something for you to think about. That's all I have to say.

CHAIRMAN OLSON: Thank you, sir. Does anyone else want to speak in opposition? Yes, ma'am. What's your name, ma'am?

LORI HAFF-DELANCY,

having been first duly sworn, testified from the podium as follows:

MS. HAFF-DELANCY: I am Lori
Haff-Delancy. I think live at 8 Plum Street in

Bristol, which is directly across the railroad tracks.

CHAIRMAN OLSON: Would you mind spelling your name for me, your last name?

MS. HAFF-DELANCY: H-A-F-F hyphen D-E-L-A-N-C-Y.

CHAIRMAN OLSON: Thank you. Go ahead.

MS. HAFF-DELANCY: I am directly across it on the south side of the railroad tracks, and they did not address how they are going to block it from our view, although the tracks are there and they will see the buildings are there, but we still have -- it's going to impact us.

I am also a realtor, and as a -- you know, they said that it doesn't affect property values, but I know as a realtor, if you are showing a property next to power lines, next to solar panels, it definitely brings the property value down.

One of the questions I have is the heat. I have read that it does affect us, that the heat stays day and night, it just doesn't regulate -- generate extra heat during the day, but it continues at night.

And also the farmland, once they do decommission it and it goes back, it's unknown if there is any value to that -- what value is to that farmland after it's been a solar field for that length of time. It's unknown if they can reclaim farmland after 30 or 50 years, the quality of the soil after that.

What about electromagnetic fields?

I know that, you know, there is a lot of that
generated from the power lines. How much extra
is that going to be generated from the solar
panels? It's also an eyesore for everybody
around there, and, again, like he said, the
farmland, it's taking up too much of our
farmland, and it definitely impacts the property
values.

The other question is mosquito control, when you've got all the pollinators and weeds growing up underneath there, we already have weeds growing from seed when they brought bird seed in, we still deal with a lot of the seeds that blew off of the -- and now we are picking that, so mosquitos from that.

Now, does it generate -- they said

it doesn't generate glare, but from all angles, if you are tilting it to keep it from glaring from one side, what about the other side? If you are tilting it so that it doesn't affect the people on your side, will it affect the people on -- all of us on the south side?

And what about -- I mean, does it have a glare? Because we are right -- we have planes that fly over. Is it going to blind them as they are going over? I don't know what happens with that glare. That's all.

CHAIRMAN OLSON: Thank you. All right.

Is there anyone else that would like to speak?

Go ahead, sir. And if you could, if I could have your name again.

ROGER ARNTZEN,

having been first duly sworn, testified from the podium as follows:

MR. ARNTZEN: My name is Roger Arntzen.

I live at 8 Cross Street in Bristol, Illinois. I
have lived there since 1972.

CHAIRMAN OLSON: Arntzen family, is that what you said?

MR. ARNTZEN: Huh?

CHAIRMAN OLSON: The Arntzen family, is that what you said?

MR. ARNTZEN: Yes.

CHAIRMAN OLSON: Okay.

MR. ARNTZEN: There is a lot of things I worry about in Bristol. If you look at Bristol on a map, all the way around it, Bristol is surrounded by water. All the way around Bristol is flood areas. We battle floods every time there is a big storm, and we -- you take away that area and you change the water flow and the septic areas, I am afraid we're going to end up with water in our basements again, which we battled for years.

We also have -- a lot of us in Bristol have long septic areas, septic systems, our own water systems, and we don't want that, those systems, messed with.

We already, a lot of people in
Bristol, have had to have their wells redug
because of the low water area, water systems,
already. It causes a lot of problems if you mess
with the ecosystems, with the water and the
septics and the flooding.

It doesn't take a lot because if you look at Bristol, if you look at the railroad tracks in Bristol, if you get a lot of water, it flows to the south, and if you get a lot of water from fields heading south into Bristol, if you load that field up so it doesn't fill the water or it starts floating towards Cannonball Trail, or that side of the town, those people over there are going to have trouble with water in their basements and we will have trouble with the water flowing.

We don't have drainage systems like you do in Yorkville, we don't have any hardly at all, so we have no place for the water to go but into our basements. We have maybe one or two drainage systems out in Blackberry Creek and that. So we have a real problem if we have a lot of water and it comes from the fields in Bristol.

Another thing with solar panels, if you have a lot of bright lights or heat coming from solar panels, it affects birds. Birds think that the solar panels -- it looks like water to them, and birds have been known to head into the solar panels and crash and die. It would hurt

our ecologic system if the birds start -- all of a sudden in Bristol all started to die because they have seen all these solar panels and they start heading toward the panels because they think it's water. It would not help that at all.

And if they talk about taking all the dirt and stuff out of that field and move it back and forth, it's going to be on Bristol

Township roads, and all of these big trucks are going to be coming in and out of the Bristol

Township roads and damaging all the roads. Who is going to pay for all those roads when they have to be repaired from all those big trucks coming back? I'm sure the City of Yorkville isn't going to pay for it. Who is going to pay for the road damage? We haven't got money in our account to pay for damaged roads when semis come in and out of town.

And another thing, you know, the other fellow's presentations that they put up there, they said yes, sometimes we have donations we give the schools and stuff. You never seen anything that said we will or we promise or the percentage we will give you, they just said

1 sometimes we do. Sometimes. It isn't always, 2 and didn't say we guarantee you money coming in. 3 It just says sometimes and some places we do things. Remember that. They didn't guarantee 5 anything, they just said that sometimes they do 6 it. So you've got to think about that. Sometimes ends up being never. 8 CHAIRMAN OLSON: Thank you. Is there 9 anybody else who would like to speak in 10 opposition? Go ahead, sir. What's your name? 11 MR. ENGER: David Enger. CHAIRMAN OLSON: Can you spell your last 12 13 name for me? MR. ENGER: E-N-G-E-R. 14 15 CHAIRMAN OLSON: Thank you. 16 DAVID ENGER, 17 having been first duly sworn, testified from the 18 podium as follows: 19 MR. ENGER: You guys have touched on 20 almost everything. I do live directly -- it's 21 directly behind where my property is, and I am 22 concerned with the drainage as well. 23 I mean, I've seen that pool up back 24 there, I don't see that disappearing, it's a

small lake when it pools up back there, and all of our houses are over a hundred years old and they easily, easily get that -- that drainage comes in towards us, and any kind of adjustment back there is going to create a serious problem, serious water problem.

And all of us have well and septic also, so any of that run-off is going to come into us, and any pesticides from the field that are there already and churned up and brought in, it's a big concern, but other than that, everything else was touched on, so I hate to repeat everything.

CHAIRMAN OLSON: Thank you, sir. All right. Anybody else have any inkling to speak in opposition? Speak now or forever hold your peace.

(No response.)

CHAIRMAN OLSON: All right. We are going to move on and close the public hearing.

MR. ENGBERG: There is another one.

CHAIRMAN OLSON: Are we going to do it

again?

MR. ENGBERG: Well, yes, there is

another public hearing.

CHAIRMAN OLSON: Do we want to do the same presentation over again or what do we want to do?

MS. NOBLE: So for your second parcel, you didn't address any of that, so are you going to do a presentation for that? You should do it now in the public hearing.

CHAIRMAN OLSON: Yeah, go ahead then, please.

MR. BARRY: Can I do a closing at the end of the second?

CHAIRMAN OLSON: Sure, yeah. No problem.

MR. BARRY: This presentation is very similar to the last one, so, Mr. Chairman, with your agreement, I would like to skip through several of the points that I think are not necessary --

CHAIRMAN OLSON: Anything that is -- anything that is redundant we can skip.

MR. BARRY: Okay. Yes.

CHAIRMAN OLSON: Thank you.

MR. BARRY: Okay. Please keep going,

Jason.

MR. OSBORN: This one does address that the output of this project we believe will power -- all of our numbers indicate that this will power 1,050 homes. Jason, next, please.

MR. ENGBERG: I will just go to the --

So this is the northern parcel.

This is also along Cannonball Trail, the

Jehovah's Witness church is there on the north

end, and this is a very similar design. It meets

the setbacks of the ordinance.

Our nearest panels to the Kingdom Hall church are 215 feet. Nearest panels to the home to the southwest is 591 feet. There are no homes to the west, immediately to the west of the parcel. The parcel to the south is empty, it's currently a field and will remain an open field. To the east is agricultural use, to the northeast side is a parcel owned by the local YMCA. I believe they have a recreation center planned for there, but not -- I'm not familiar with -- if they have any timing on that.

The parcel itself is 41.8 acres.

We're talking about 27.7 acres of solar panels.

Again, max height at 15 feet. And we have an executed power -- executed interconnection agreement with ComEd here.

Same question on pollinators, what we addressed before. Same with the drain tile. Drain tiles will be surveyed and relocated to avoid driving an anchor into them, so we will know exactly where they are. Please.

Again, the property tax revenue is not a significant number to the City compared to the City's overall budget. It's a decent increase over the current number. And I think that is -- it's the same slide as before, almost.

So this site does have a potential for glare, as glare was raised in one of the comments just made. I did submit this study to -- this location to the FAA. The FAA did do a review of this -- of both of these sites. They concluded that it was not a hazard to air navigation.

I have a determinative -- what they call -- what the FAA calls a determination of no hazard to air navigation. That is the name of the form. I believe that was included in our

application package. Please.

This is the aerial view of the array. I included this slide and the next one to try to show the progression of the vegetative screening that is intended to reduce the view of this.

There is a gap in the northwest corner that is open in our current site plan. I don't recall why it was left open, I don't think there was a reason for it to be open, but it is now -- in our site plan is now closed, so that gap will be planted.

Again, this is a Cannonball Trail
view of the facility with year one of the
vegetative screening planted. This has an open
fence. That would be -- I believe this
contemplates what's called an agricultural fence,
which is really wire mesh in about a four-by-four
grid, four-inch-by-four-inch grid.

Chain link is a suitable alternative and I think it's probably better from a security and safety perspective. Next, please.

Year five of the previous plantings grown in, so we see that it's really starting to

reduce the visibility. I took photos from the church parking lot at the entrance of the church, I met with a couple of church elders to discuss the project. They didn't have any immediate concerns.

They did forward information on to their church headquarters to see if they had any feedback from that angle, and I have not heard anything from them. They were also notified under the rules for these permit applications.

And five years, showing the growth on the left side, that is -- the gap on the right is what I tried to address. It will be filled in with plantings as well. There was -- the software that does this analysis on the glare, it tracks the sun across the sky and it tracks the position of the panels and it evaluates a number of different locations.

I had them track the railroad as well because that provides a path that could be affected should there be glare. Now, in this case, this study did say there was a little potential for some glare, but the study doesn't contemplate existing plantings around homes, so

where that number six is, just behind it is number five, and it is said well, you may cause a glare issue here on this property, I believe it is the Silagyi -- I'm sure I'm mispronouncing their name. I believe it's the Silagyi property.

That home is surrounded by mature trees, so I don't believe there is a glare issue there, and if there is, if there is and the sun is causing glare at this angle, we can program it to turn back just a little bit and skip that angle, so it would be a flash across their windows, but not shining on the home or on any other location. That is the programming that we would use for the system operations to hopefully -- well, not hopefully. That all the numbers, all the math, all the engineering says this is the solution.

We can also plant additional plantings, taller trees to help alleviate spots where that may be a concern.

And this is really the same slide that was presented before, so I think you can skip it. Again, it's the same information. And yet again.

So the property values were addressed, the statistics by this CohnReznick group say one thing, statistics by other groups say other things. I read a number of reports; some say in this particular market this is what happened, some say -- others say across the field, this is what we have seen is no negative impact, so I -- you know, the story changes depending on who you are listening to and you who you are reading. That is the second site. I know Emily may have additional points.

MS. KAHANIC: You can just skip to hat. So all setbacks same in this area. I think just a few key points I wanted to touch on. So originally when we submitted for SUP we didn't have -- in that northwest corner, there was a gap, kind of in the landscape buffer, so we did fill that in so that we are kind of blocking the entire area along that road, but just to kind of run through some setbacks that we are exceeding, we are 240 feet from the road, 591 feet from the nearest residence and 214 feet from the church. We could go to the next slide. We could skip this, it's right next to the other one. All

right.

Landscape, it's the same plantings, same kind of plan. Again, this will get updated to show -- this was where it was before, we didn't have that landscape buffer and we have added it since then. You can go to the next one. This is the same slide.

This one, I know there are a lot of questions on it, so I just wanted to touch that the panels do rotate, so the water will slide off the panels and underneath them, so all of that surface underneath is pervious, so it's not like typical commercial development where it's a parking lot and that whole area is impervious, increasing the run-off.

This will decrease it because we are adding better plants to help with that run-off, so ideally you actually decrease the run-off and some of the flooding issues you are seeing from this site. Same slide. Also same slide. I don't know that I actually have any other differences.

The SHPO one, though, we did get SHPO response back from this. They do not

require a survey, so this has been terminated and we don't need to do anything additional.

CHAIRMAN OLSON: Thank you. All right.

Is there anyone who wishes to speak in support of this specific request?

(No response.)

CHAIRMAN OLSON: Is there anyone who wishes to speak in opposition to this specific request? Go ahead, sir.

MR. ARNTZEN: I just have one thing that -- nobody said anything about the railroad. Has anybody been in touch with railroad about this? Those trains are awful big and awful high up in the air when they come through that area. Has anybody looked into the height of the train coming by and will the glare affect the trains?

We get a lot of trains going through Bristol, there is at least four trains, coal trains, come through there a day, plus four passenger trains, and there is a crossing at Cannonball that trains go through every day, and there are two tracks.

CHAIRMAN OLSON: Thank you.

MR. OSBORN: I can speak to that, but I

don't know if it's appropriate for me to at this time.

CHAIRMAN OLSON: Go ahead.

MR. OSBORN: Okay. He asked the question. Thank you. I did analyze the train height. The cab of the locomotive, the driver would sit with a head height of about 12 and a half feet, and so the glare study that I had done along the railroad track looked at five feet and above to make sure that we are not shining any kind of light, any kind of reflection, into the cab, into the train drivers.

MR. ARNTZEN: What type of trains?

MR. BARRY: I researched the type of trains that use the track and they said that the max height of the trains was 15 and a half feet, so the driver's head at the window -- and I looked up all the specs for the engine they were using, puts their head right about 12 and a half feet.

MR. ARNTZEN: Did you look at how high the tracks are or how high it is built up?

MR. BARRY: That was contemplated in the topographic review of the solar software as I

understand how it works, so it's looking at that point location on the track plus 15 feet and -- or plus five feet and looking above it, too, so it said if it doesn't see it at 15 feet, it's not going to see it below. If it doesn't see it at five feet, it could see it above, but we have that window pretty well blocked out from all the information that I have.

MR. ARNTZEN: I hope so.

MR. OSBORN: Thank you.

MR. ARNTZEN: Yes, sir.

CHAIRMAN OLSON: Did you want to say something before we close out our public hearing?

MR. BARRY: Yes. Thank you, Mr. Chair. First, if I could ask to enter into evidence the PowerPoint presentations for both cases this evening, as well as the materials associated with the permit application.

CHAIRMAN OLSON: Yes. Thank you.

MR. BARRY: So just to sum up quickly,

I'd like to -- obviously you know this is a

public hearing. One of the roles of the

Commission is to establish findings of fact and

to take in evidence, so that's the real focus of this as a public hearing, the public hearing portion of this proceeding is on the collection of evidence and testimony, which is part of that. But the request -- there are three requests for each project on the table tonight, one for a rezoning, one for a special use permit and one for a variance.

on behalf of the applicant, we submit that the evidence that's been presented, including the materials in the permit application as well as the testimony and the presentation materials this evening, satisfy the standards for issuance of a special use permit and a variance as well as the rezoning, and I won't go through all of the standards, but for a solar project they are set forth in Section -- it's in the solar provisions of the ordinance, but the special use standards are set forth in Section 10-4-9, and that's really the question.

It's not whether you like solar projects or not, the county has -- or, excuse me, the city has already established solar farms as a special use within the boundaries, and so the

question this evening is whether the application and the testimony and the evidence meets the standards, and we believe that it does, and those standards, for example, relate to things like whether there is going to be an impact on neighboring properties, whether it's going to be unreasonably detrimental to the public health, safety, morals, comfort or general welfare.

Well, we submit that the evidence shows that the project will actually benefit or promote the general welfare by increasing the property tax revenue, and we submit that -- there was discussion about, you know, no fire hazards, et cetera, it won't impact neighboring properties because there just aren't any emissions for solar projects. To the extent there are emissions, they are related to noise and it's a humming sound from an inverter as Emily testified, and these inverters are going to be two football fields away from people's houses, so you're just not going to hear them because they sound like a refrigerator.

And then with respect to the property values, I just want to point out that

again, focusing on the evidence, the evidence that was submitted is a property value impact study, preparation of which was supervised by Patricia McGarr at CohnReznick.

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Patricia McGarr is the -- I believe the chair of the committee or whatever it's called that regulates property value -- excuse me, property appraisers in the state of Illinois, so she provides -- oversees the licenses for issuing -- issuance to appraisers, and she is what's called an MAI, she has a special license as an appraiser, and so they have to abide by certain rules, and they prepared -- and standards, and she oversees those standards, and as Mr. Osborn testified, the report -- and you can take a look at it yourself, it states and concludes that there is just no impact, no negative impact, on property values in the vicinity of solar projects. That is the conclusion of the experts, so I will close there. I will stop there.

We thank you for the opportunity this evening and we ask for a recommendation of approval for the rezoning request, special use

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request, and the variance request, and just quickly on the variance, Mr. Osborn, as he testified, imposes the height of the panels is not going to be good for anybody, but it imposes an unnecessary hardship on the property, and again, thank you very much for the opportunity and respectfully ask for a positive recommendation.

CHAIRMAN OLSON: Thank you. Since all public testimony regarding this petition has been taken, may I have a motion, please, then to close the taking of testimony in this public hearing?

MS. HORAZ: So moved.

MR. VINYARD: Second.

CHAIRMAN OLSON: Roll call vote on the motion, please.

MS. YOUNG: Yes. Goins.

MS. GOINS: Yes.

MS. YOUNG: Horaz.

MS. HORAZ: Yes.

MS. YOUNG: Millen. Millen.

CHAIRMAN OLSON: Greg, are you --

MR. MILLEN: Yes.

]	PZC - Public Hearings - May 10, 2023
	69
1	MS. YOUNG: Olson.
2	CHAIRMAN OLSON: Yes.
3	MS. YOUNG: And Vinyard.
4	MR. VINYARD: Yes.
5	CHAIRMAN OLSON: All right. The public
6	hearing portion of tonight's meeting is closed.
7	(Which were all the proceedings
8	had in the public hearing portion
9	of the meeting.)
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STATE OF ILLINOIS)

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I, Christine M. Vitosh, a Certified Shorthand Reporter, do hereby certify that I transcribed the proceedings had at the pubic hearing and that the foregoing, Pages 1 through 70 inclusive, is a true, correct and complete computer-generated transcript of the proceedings had at the time and place aforesaid.

I further certify that my certificate annexed hereto applies to the original transcript and copies thereof, signed and certified under my hand only. I assume no responsibility for the accuracy of any reproduced copies not made under my control or direction.

As certification thereof, I have hereunto set my hand this 23rd day of May, A.D., 2023.

Christine M. Vitosh, CSR Illinois CSR No. 084-002883

	PZC - Public	c Hearings -	May 10, 2023-	<u> </u>
\$	240 [1] - 60:21	8	15:20, 28:10	angles [1] - 48:1
Ą	25 [4] - 10:14, 10:15,	0	adverse [1] - 38:14	annexation [1] - 15:19
	12:23, 16:16		advise [3] - 10:17,	annexed [3] - 15:18,
\$20,000 [1] - 13:9	26 [1] - 24:16	8 [3] - 3:4, 45:24,	10:18	27:20, 70:10
\$50,000 [1] - 41:17	260 [1] - 38:3	48:20	advisor [1] - 19:20	annual [1] - 21:12
	27.7 [1] - 55:24	800 [1] - 1:17	aerial [2] - 23:23, 57:2	answer [1] - 25:17
•			affect [7] - 20:12,	anyway [1] - 13:12
	3	9	35:21, 46:15, 46:21,	applicant [1] - 65:9
100 44.0			48:4, 48:5, 62:16	application [5] - 35:5,
'08 [1] - 44:2		0 0.5	affected [1] - 58:21	57:1, 64:19, 65:11,
	30 [4] - 10:6, 16:16,	9 [1] - 3:5	affecting [1] - 18:1	66:1
0	33:18, 47:6	99 [1] - 44:11	affects [1] - 50:21	applications [3] -
	30-foot [1] - 16:23	Α	aforesaid [1] - 70:9	6:17, 7:9, 58:10
084-002883 [1] - 70:20	33 [1] - 3:6	Α	afraid [2] - 43:7, 49:12	applies [1] - 70:11
•	34 [1] - 34:10		ag [1] - 21:2	appraiser [1] - 67:12
1	35 [1] - 40:7	A-1 [2] - 7:3, 7:19	agenda [1] - 8:19	appraisers [2] - 67:8,
•	350 [1] - 28:1	A.D [1] - 70:17	agreement [4] - 15:19,	67:10
	39 [1] - 3:7	abide [1] - 67:12	17:6, 54:17, 56:3	appropriate [1] - 63:1
1 [1] - 70:6		able [2] - 15:24, 18:12	Agreement [1] - 28:16	approval [14] - 5:18,
1,030 [1] - 13:3	4	above-ground [1] -	agricultural [10] -	5:19, 5:20, 5:21,
1,050 [1] - 55:6		14:23	25:23, 29:7, 29:14,	6:19, 6:20, 7:4, 7:5,
1.27 [1] - 12:5	40-acre [1] - 10:7	absorb [3] - 19:11,	30:13, 30:17, 33:14,	7:12, 7:13, 7:20,
10 [1] - 1:21	41.8 [1] - 55:23	29:18, 36:18	33:20, 41:24, 55:18,	7:21, 34:2, 67:24
10-4-9 [1] - 65:20	42,000 [2] - 21:4,	absorbed [1] - 36:21	57:17	archeological [1] -
10-foot [1] - 42:3	21:11	abstract [1] - 35:15	Agricultural [3] - 7:3,	38:18
100 [3] - 17:16, 33:15,	42-acre [2] - 5:22, 7:13	AC [2] - 10:5, 12:6	7:19, 28:16	area [14] - 8:23, 14:3,
42:20	45 [1] - 3:8	accept [2] - 17:8,	agricultural-based [1]	14:19, 16:11, 20:20,
100-foot [1] - 30:14	47 [2] - 22:2, 34:11	17:11	- 41:24	23:6, 34:21, 35:3,
12 [2] - 63:7, 63:19	48 [1] - 3:9	access [2] - 34:9,	Agriculture [1] - 28:18	49:11, 49:21, 60:13,
12-foot [1] - 42:4	10[1] 0.0	34:13	agriculture [2] - 42:2,	60:19, 61:14, 62:14
15 [8] - 12:12, 25:5,	5	account [1] - 51:17	43:1	areas [3] - 49:9, 49:12,
40:6, 44:1, 56:1,		accuracy [1] - 70:14	ahead [9] - 19:6,	49:16
63:16, 64:2, 64:4		acres [9] - 10:6, 12:23,	32:21, 39:12, 46:7,	Arizona [3] - 40:9,
150,000 [1] - 28:2	5,000 [1] - 41:19	24:15, 24:16, 24:19,	48:14, 52:10, 54:9,	42:11
17 [1] - 28:9	50 [4] - 20:23, 22:5,	25:20, 42:20, 55:23,	62:9, 63:3	ARNTZEN [11] - 3:9,
1920's [1] - 41:22	44:5, 47:6	55:24	AIMA [1] - 28:16	48:16, 48:19, 48:24,
1970 [1] - 39:18	52 [1] - 3:10	active [1] - 12:8	air [4] - 16:16, 56:19,	49:3, 49:5, 62:10,
1972 [1] - 48:21	54 [1] - 24:15	actual [1] - 35:5	56:23, 62:14	63:13, 63:21, 64:9,
2	54-acre [2] - 5:19, 6:21	add [4] - 17:2, 27:13,	alleviate [1] - 59:19	64:11
2	574 [2] - 33:20, 33:21	42:22, 45:10	allow [3] - 13:5, 13:15,	Arntzen [3] - 48:19,
	591 [2] - 55:14, 60:21	added [1] - 61:6	22:18	48:22, 49:1
20 [6] - 10:6, 10:14,		adding [2] - 22:4,	allowed [1] - 20:24	array [4] - 12:8, 12:18,
12:12, 30:19, 30:20,	6	61:17	almost [4] - 16:21,	34:20, 57:3 arrays[1] - 37:11
44:1		addition [1] - 36:1	28:9, 52:20, 56:13	ASC [1] - 35:15
20,000 [1] - 44:16	60 [1] - 30:20	additional [3] - 59:18,	ALSO [1] - 2:7	assessors [1] - 30:6
200 [1] - 33:15	600 [2] - 30:16, 39:19	60:11, 62:2	alternating [1] - 25:1 alternative [3] - 16:2,	associated [1] - 64:18
200-plus [1] - 22:8	625 [1] - 17:18	address [6] - 19:2,	28:7, 57:20	assume [2] - 24:22,
2006 [2] - 15:18, 27:20	655 [1] - 38:2	22:22, 46:10, 54:6,	28:7, 57:20 aluminum [1] - 42:11	70:13
2007 [4] - 16:7, 27:21,		55:3, 58:13	and ambient [1] - 42:11	attorney [1] - 8:16
28:4, 28:5	7	addressed [3] - 23:7,	ambient [1] - 38:7 amount [2] - 36:19,	Authorization [1] -
2017 [1] - 28:12	•	56:5, 60:2	37:19	5:18
2023 [2] - 1:21, 70:17		adieu [1] - 9:11 adjacent [2] - 23:11,	analysis [7] - 29:15,	authorization [3] -
2023-02 [3] - 5:17,	70 [2] - 21:5, 70:6	30:8	30:2, 32:1, 32:2,	5:21, 6:19, 7:12
6:16, 8:1	700 [1] - 17:21		32:6, 35:17, 58:15	avoid [2] - 20:19, 56:7
2023-03 [2] - 5:19, 7:8	700-foot [1] - 17:22	adjust [1] - 27:10	analyze [1] - 63:5	aware [1] - 16:8
207 [1] - 16:5	75 [3] - 20:23, 22:5,	adjustment [1] - 53:4	anchor [2] - 20:9, 56:7	awful [2] - 62:13
214 [1] - 60:22	42:19	admit [1] - 14:10 advance [1] - 15:16	AND [1] - 1:10	
215 [1] - 55:13	7:00 [1] - 1:22		angle [4] - 24:10, 58:8,	
23rd [1] - 70:17		advancement [2] -	59:9, 59:11	
			Ja.a, Ja. I I	
	1	l	1	1

В

background [3] -12:3, 25:13, 26:6 banks [1] - 41:10 **Barksdale** [1] - 2:8 Barksdale-Noble [1] -2:8 Barrington [1] - 15:11 Barry [1] - 8:16 BARRY [13] - 3:4, 8:4, 8:11, 8:14, 32:20, 54:11, 54:15, 54:22, 54:24, 63:14, 63:23, 64:15, 64:21 based [1] - 41:24 basements [3] -49:13, 50:10, 50:15 basis [1] - 22:9 batteries [1] - 44:15 battery [1] - 44:17 battle [1] - 49:9 battled [1] - 49:14 Bazan [1] - 39:17 BAZAN [5] - 3:7, 39:6, 39:14, 39:17, 43:18 bean [1] - 41:17 become [1] - 29:19 bees [1] - 19:15 behalf [1] - 65:9 behind [2] - 52:21, 59:1 **below** [1] - 64:5 Bend [1] - 40:9 benefit [1] - 66:10 **Bentonville** [1] - 41:12 better [3] - 45:13, 57:21, 61:17 between [4] - 7:6, 7:22, 25:1, 26:3 biased [1] - 32:10 big [7] - 14:1, 26:7, 49:10, 51:9, 51:13, 53:11, 62:13 BILL [2] - 3:7, 39:14 Bill [1] - 39:17 bird [1] - 47:21 birds [5] - 19:15, 50:21, 50:23, 51:1 bit [6] - 14:12, 18:12, 20:19, 22:6, 41:8, 59.10 Blackberry [1] - 50:16 blades [1] - 43:23 blew [1] - 47:22 blind [1] - 48:9

block [1] - 46:10

blocked [1] - 64:7

blocking [1] - 60:18

-PZC - Public Hearings - May 10, 2023blows [1] - 44:6 BNSF [1] - 6:22 Board [1] - 37:24 boiling [1] - 40:12 borderline [1] - 39:23 bottom [1] - 16:15 bought [3] - 14:10, 27:24, 28:12 boundaries [1] - 65:24 boxes [1] - 23:20 briefly [1] - 26:10 bright [1] - 50:20 brings [1] - 46:18 Bristol [25] - 6:23, 7:15, 14:4, 15:17, 16:5, 17:23, 22:7, 25:11, 27:18, 46:1, 48:20, 49:6, 49:7, 49:8, 49:16, 49:20, 50:2, 50:3, 50:5, 50:18, 51:2, 51:8, 51:10, 62:18 broad [1] - 10:24 brought [2] - 47:20, 53:10 brown [1] - 26:7 bucket [1] - 21:11 budget [2] - 21:12, 56:11 budgets [1] - 21:10 buffer [7] - 29:10, 33:18, 34:5, 34:6, 34:16, 60:17, 61:5 build [4] - 16:23, 40:2, 42:17, 42:21 building [1] - 35:5 buildings [3] - 26:3, 26:24, 46:12 **built** [2] - 14:18, 63:22 bullet [1] - 37:14 bunch [1] - 19:11 burden [1] - 17:4 **Burlington** [3] - 13:1, 13:21, 13:23 business [3] - 13:16, 14:5, 19:24 businesses [1] - 18:3 buy [2] - 13:7, 13:18 Byron [1] - 40:21

C

cab [2] - 63:6, 63:12 California [1] - 40:15 Cannonball [17] -6:22, 7:14, 13:2, 14:3, 14:20, 14:21, 18:4, 23:4, 23:10, 23:18, 24:11, 34:1,

34:12, 50:7, 55:8, 57:13, 62:21 capture [1] - 12:12 car [3] - 29:19, 44:15, 44:17 card [1] - 4:19 care [2] - 43:9, 44:8 cares [1] - 43:7 carried [1] - 31:8 case [3] - 8:21, 28:22, 58:22 cases [4] - 8:18, 10:18, 17:8, 64:17 catch [4] - 22:16, 29:16, 44:10, 44:14 catching [1] - 22:15 causes [1] - 49:22 causing [4] - 20:18, 20:20, 21:22, 59:9 ceiling [3] - 42:3, 42:4, 42:5 center [1] - 55:20 certain [2] - 11:17, 67:13 certainly [4] - 11:15, 23:12 certificate [1] - 70:10 certification [1] -70:16 Certified [1] - 70:3 certified [1] - 70:12 certify [2] - 70:4, 70:10 cetera [1] - 66:14 chain [1] - 57:20 chair [2] - 64:15, 67:6 CHAIRMAN [45] - 4:4, 5:5, 6:1, 6:12, 6:14, 8:5, 8:8, 18:17, 18:22. 19:6. 32:17. 32:21, 33:1, 38:23, 39:3, 39:7, 45:17, 46:3, 46:7, 48:12, 48:22, 49:1, 49:4, 52:8, 52:12, 52:15, 53:14, 53:19, 53:22, 54:2, 54:9, 54:13, 54:20, 54:23, 62:3, 62:7, 62:23, 63:3, 64:12, 64:20, 68:9, 68:16, 68:23, 69:2, 69:5

11:14 check [1] - 13:9 China [1] - 42:13 Chinese [1] - 45:9 Christine [2] - 70:3, 70:20 church [7] - 55:9, 55:13, 58:2, 58:3, 58:7, 60:22 **churned** [1] - 53:10 cite [1] - 32:5 citizen [1] - 11:13 City [8] - 6:17, 7:10, 27:20. 34:17. 37:15. 37:19, 51:14, 56:10 city [8] - 9:21, 15:18, 21:9, 21:15, 28:20, 43:11, 45:14, 65:23 **CITY** [1] - 1:6 City's [1] - 56:11 city's [1] - 21:12 civil [1] - 33:6 clearly [1] - 4:17 click [1] - 12:2 client [1] - 8:21 clients [1] - 10:18 close [4] - 53:20, 64:13, 67:20, 68:12 closed [2] - 57:11, 69:6 closing [1] - 54:11 coal [1] - 62:18 code [1] - 43:11 Code [2] - 37:15, 37:20 CohnReznick [4] -30:1, 31:24, 60:2, 67:4 **collection** [1] - 65:3 **Com** [1] - 25:13 ComEd [10] - 13:8, 14:1, 14:24, 15:6, 17:7, 17:13, 18:8, 23:5, 34:3, 56:3 comfort [1] - 66:8 coming [12] - 21:23, 22:8, 23:17, 28:7, 34:10, 36:19, 43:17, 50:20, 51:10, 51:14, 52:2, 62:16 comments [2] - 24:4, 56:16 commercial [2] -15:10, 61:13 **Commission** [4] - 4:7, 4:11, 8:15, 64:24 COMMISSION [1] -1:10

37:6 communist [1] - 42:14 communities [2] -11:9. 11:22 Community [1] - 2:8 community [6] - 10:3, 10:4, 10:16, 11:12, 12:22, 13:5 company [9] - 10:10, 10:11, 10:13, 11:1, 11:8, 11:16, 11:21, 12:1, 14:7 compared [2] - 21:11, 56:10 complete [1] - 70:7 comply [3] - 34:17, 36:3, 37:22 complying [3] - 37:15, 37:23, 38:19 computer [2] - 9:24, 70:7 computer-generated [1] - 70:7 concern [2] - 53:11, 59:20 concerned [2] - 24:6, 52:22 concerns [3] - 19:3, 22:14, 58:5 concluded [2] - 35:20, 56:19 concludes [1] - 67:17 conclusion [2] -32:16, 67:20 condition [1] - 31:21 conditions [4] - 22:18, 36:5, 36:9, 36:10 confident [4] - 27:7, 30:10, 32:3, 32:9 connecting [1] - 33:24 conservation [1] -34:21 considered [1] - 4:10 construct [2] - 6:20, 7.13 construction [7] -15:10, 18:8, 20:22, 22:6, 36:5, 38:20, 40:20 consultant [1] - 33:6 contaminated [1] -44:5 contemplate [2] -26:23, 58:24 contemplated [1] -63:23 contemplates [1] -57:17 continue [1] - 24:21

continues [2] - 25:23,

Chairman [4] - 2:2,

8:4, 8:14, 54:16

chairman [1] - 8:23

chance [2] - 42:13,

change [1] - 49:11

changes [1] - 60:8

charities [2] - 11:10,

43:15

committee [1] - 67:6

common [2] - 10:7,

46:24 contract [1] - 31:21 Control [1] - 37:24 control [3] - 31:14, 47:18, 70:15 copies [2] - 70:12, 70:14 copper [1] - 42:10 core [1] - 43:4 corn [2] - 24:23, 25:1 corner [2] - 57:8, 60:16 cornfield [1] - 44:7 corporate [1] - 11:13 correct [1] - 70:7 costs [1] - 41:3 counterpart [1] -28:17 countries [1] - 45:6 country [3] - 10:24, 11:6, 42:14 countryside [1] -14:11 county [6] - 28:20, 41:24, 42:1, 43:5, 45:14, 65:22 County [4] - 6:18, 7:10, 40:18, 41:22 **COUNTY** [1] - 70:2 couple [5] - 14:8, 15:5, 15:19, 45:4, 58:3 course [3] - 13:24, 23:24, 24:3 cover [3] - 35:17, 35:18, 37:3 crash [1] - 50:24 crazy [1] - 43:10 create [5] - 20:10, 20:14, 34:20, 34:24, 53:5 creating [1] - 29:21 creation [1] - 32:8 Creek [1] - 50:16 critical [1] - 34:24 crop [2] - 35:19, 36:13 crops [2] - 36:20, 44:7 Cross [1] - 48:20 crossing [1] - 62:20 CRP [1] - 22:20 CSR [2] - 70:20, 70:20 current [3] - 21:14, 56:12, 57:8 cycle [1] - 37:17 D

D-E-L-A-N-C-Y [1] -46:6

-PZC - Public Hearings - May 10, 2023daily [1] - 22:8 damage [2] - 18:7, 51:16 damaged [1] - 51:17 damaging [1] - 51:11 danger [1] - 21:23 Daniel [1] - 15:9 data [2] - 15:8, 30:7 date [1] - 43:21 David [1] - 52:11 **DAVID** [2] - 3:10, 52:16 **DC** [1] - 12:6 deadline [1] - 16:1 deal [2] - 44:19, 47:21 **Deborah** [1] - 2:3 decent [1] - 56:11 deciduous [1] - 35:8 decommission [2] -28:14. 47:2 decommissioned [1] -37:18 decommissioning [5] - 28:21, 29:12, 31:18, 31:19, 37:13 decompact [1] - 36:16 decompaction [1] -29:10 decrease [5] - 7:5, 7:21, 36:18, 61:16, 61:18 definitely [4] - 37:8, 46:18, 47:15 definitive [1] - 25:16 Delancy [1] - 45:24 **DELANCY** [5] - 3:8, 45:20, 45:23, 46:5, 46.8 delivery [1] - 17:11 Denver [1] - 11:2 department [1] - 44:14 Department [1] -28:18 described [2] - 8:23, 17:3 description [1] - 8:24 desert [2] - 40:13 design [3] - 17:4, 20:8, 55:10 designed [1] - 14:13 destined [1] - 44:11 destroyed [2] - 40:1, 41:18 detail [2] - 14:16, 25:7

developer [6] - 8:22, 9:5, 9:19, 10:2, 15:10, 28:24 developers [1] - 10:19 Development [4] -2:9, 6:24, 7:16, 27:19 development [6] -10:15, 15:16, 15:21, 28:4, 28:11, 61:13 developments [1] -16:7 dictate [1] - 28:18 dictated [1] - 14:24 die [2] - 50:24, 51:2 difference [2] - 21:13, 21:15 differences [1] - 61:22 different [6] - 11:20, 23:23, 30:3, 45:5, 45:6, 58:18 direction [2] - 25:22, 70:15 directly [4] - 46:1, 46:8, 52:20, 52:21 Director [1] - 2:9 dirt [3] - 19:11, 42:23, 51.7 disappearing [1] -52:24 discharge [1] - 35:22 discount [1] - 13:8

discuss [1] - 58:3

30:15, 30:16

display [1] - 30:24

distance [3] - 7:6,

7:22, 17:16

dive [1] - 43:6

43:12

51:21

domestically [1] -

down [9] - 14:18,

42:18. 46:19

20:13

downstream [1] -

drain [11] - 18:7,

66:13

discussed [3] - 29:15, discussion [2] - 6:15, dissipates [1] - 29:20 district [2] - 21:6, 41:8 **District** [2] - 7:3, 7:19 donations [2] - 22:22, done [8] - 18:18, 23:1, 26:13, 38:19, 41:5, 44:22, 44:23, 63:8 28:19. 40:17. 40:18. 41:1. 41:3. 41:12. 19:20, 19:22, 20:2,

41:13, 56:5, 56:6 drainage [5] - 19:13, 50:12, 50:16, 52:22, 53:3 drive [2] - 20:9, 42:6 driver [1] - 63:6 driver's [1] - 63:17 drivers [1] - 63:12 driveway [8] - 15:3, 17:20, 17:23, 23:17, 24:12, 24:14, 25:6 driving [2] - 26:17, 56:7 drop [1] - 21:11 duly [8] - 5:4, 8:12, 9:15, 33:3, 39:15, 45:21, 48:17, 52:17 **Duplex** [1] - 7:3 during [5] - 4:23, 5:6, 22:5, 36:4, 46:23

Ε

E-N-G-E-R [1] - 52:14 easily [2] - 53:3 east [6] - 6:21, 7:14, 13:2, 15:3, 30:21, 55:18 easy [1] - 25:3 eat [1] - 43:2 EcoCAT[1] - 38:11 ecofriendly [1] - 44:3 ecologic [1] - 51:1 ecosystems[1] -49:23 Ed [1] - 25:13 effects [1] - 38:14 eight [5] - 24:19, 29:21, 30:18, 33:16, 35:11 elders [1] - 58:3 electrical [3] - 23:20, 23:22, 40:24 electromagnetic [1] -47:8 Emily [8] - 9:6, 14:15, 19:17, 32:20, 32:24, 33:5, 60:11, 66:18 EMILY [2] - 3:6, 33:2 emissions [2] - 66:15, 66:16 emit [1] - 22:11 employ [1] - 20:23 empty [1] - 55:16 end [7] - 13:21, 29:2, 37:17, 43:22, 49:12, 54:12, 55:10 ended [1] - 28:1

energy [5] - 10:13, 10:14, 12:12, 40:5, 41:3 Energy [8] - 5:17, 5:20, 6:16, 7:8, 8:2, 8:21, 9:6, 10:1 Engberg [1] - 2:10 **ENGBERG** [5] - 8:7, 33:9, 53:21, 53:24, 55:2 Enger [1] - 52:11 **ENGER** [9] - 3:10, 18:15, 18:20, 18:23, 19:4, 52:11, 52:14, 52:16, 52:19 engine [1] - 63:18 engineer [2] - 9:7, 40:6 engineering [2] - 9:7, 59:16 enhanced [1] - 34:24 enter [2] - 28:15, 64:16 entire [3] - 17:9, 19:13, 60:19 entrance [1] - 58:2 equipment [2] - 23:22, 26:12 erosion [1] - 12:16 establish [2] - 28:21, 64:24 established [1] -65:23 establishing [1] -31:17 estate [1] - 15:10 estimate [1] - 29:4 estimated [1] - 24:18 et [1] - 66:14 evaluated [1] - 38:11 evaluates [1] - 58:17 evaluation [1] - 38:13 evening [5] - 8:15, 64:18, 65:13, 66:1, 67:23 evergreen [2] - 35:6, 35:9 evidence [8] - 64:16, 65:1, 65:4, 65:10, 66:2, 66:9, 67:1 exact [1] - 37:3 exactly [2] - 20:7, 56:8 example [2] - 37:4, 66:4 exceeding [2] - 33:21, 60.20

excuse [3] - 40:4,

executed [2] - 56:2

existing [9] - 24:1,

65:22, 67:7

20:9, 20:11, 20:16,

determination [1] -

determinative [1] -

detrimental [1] - 66:7

56:22

56:21

ends [2] - 12:23, 52:7

24:7, 26:24, 35:17, 35:18, 36:9, 36:14, 36:23, 58:24 exists [1] - 17:20 expectancy [1] - 43:24 expected [1] - 14:12 experience [2] - 20:1, 20:15 expertise [1] - 19:23 experts [1] - 67:20 expires [1] - 15:19 explode [1] - 29:17 extent [1] - 66:16 extra [2] - 46:23, 47:10 eyes [1] - 26:19 eyesore[1] - 47:12

F

FAA[3] - 56:17, 56:22 facilities [1] - 30:5 facility [12] - 12:24, 14:15, 21:3, 21:21, 23:1, 23:16, 25:12, 26:6, 29:2, 30:12, 31:1, 57:14 fact [2] - 41:2, 64:24 fail [2] - 44:11, 44:12 failure [1] - 18:7 fairly [1] - 38:7 fallow [1] - 22:20 familiar [1] - 55:21 Family [2] - 7:2, 7:18 family [4] - 16:6, 41:21, 48:22, 49:1 far [1] - 18:2 farm [5] - 6:20, 7:4, 7:13, 7:21, 22:19 Farm [1] - 1:17 farmed [3] - 24:21, 25:15, 41:21 farmer [1] - 41:17 farmhouse [1] - 14:11 farming [1] - 24:14 farmland [5] - 47:1, 47:4, 47:6, 47:14, 47:15 farms [5] - 35:16, 40:7, 40:8, 43:23, 65:23 farthest [1] - 18:11 favor [5] - 5:10, 5:13, 32:11, 32:19, 39:1 feasible [1] - 40:2 feed [1] - 43:3 feedback [1] - 58:8 feelings [1] - 43:8 feet [41] - 7:7, 7:23, 7:24, 16:14, 16:16,

17:16, 17:18, 17:21, 25:5, 29:21, 30:16, 30:18, 30:19, 30:20, 33:15, 33:16, 33:18, 33:20, 33:21, 35:10,

35:11, 35:12, 35:13, 38:2, 38:3, 55:13, 55:14, 56:1, 60:21, 60:22, 63:8, 63:9,

63:16, 63:20, 64:2, 64:3, 64:4, 64:6 fell [1] - 16:10

fellow's [1] - 51:20 fence [4] - 16:24, 24:18, 57:16, 57:17 fences [1] - 27:14

fencing [1] - 27:9 few [1] - 60:14

Fi [1] - 14:8 field [12] - 10:15, 12:14, 19:13, 19:23, 22:19, 47:4, 50:6, 51:7, 53:9, 55:17,

60:7 fields [5] - 35:21, 47:8, 50:5, 50:18, 66:20

figure [1] - 18:9 filed [2] - 6:17, 7:9 **fill** [2] - 50:6, 60:18

filled [2] - 24:17, 58:13 final [1] - 36:5

financial [3] - 29:1, 31:23. 37:18

financially [2] - 21:15, 30:11

findings [1] - 64:24 fire [8] - 22:15, 22:16, 29:16, 29:22, 44:10,

44:14, 66:13 fired [1] - 40:19

firm [4] - 8:16, 9:7, 32:5, 33:7 First [1] - 39:13

first [13] - 8:12, 8:21, 9:3, 9:15, 17:12, 17:18, 22:24, 33:3, 39:15, 45:21, 48:17,

52:17, 64:16

fish [1] - 34:24 five [10] - 10:5, 29:21, 35:10, 42:22, 57:23,

58:11, 59:2, 63:9, 64:3, 64:6 flash [1] - 59:11

floating [1] - 50:7 flood [1] - 49:9

flooding [2] - 49:24, 61:19

floods [1] - 49:9

floor [1] - 27:24

PZC - Public Hearings - May 10, 2023 flow [1] - 49:11 flower [1] - 19:9

flowing [1] - 50:11 flows [1] - 50:4 fly [1] - 48:9

focus [4] - 10:3, 10:9, 29:22, 65:1 focusing [1] - 67:1

follow [1] - 12:9 following [1] - 4:1 follows [7] - 8:13,

9:16. 33:4. 39:16. 45:22, 48:18, 52:18

food [1] - 44:8 foot [2] - 42:5, 42:23

football [1] - 66:19 foothold [1] - 31:17 foreclosed [1] - 28:1

foregoing [1] - 70:6 foreign [1] - 42:9 foreign-made [1] -

42:9 forever [2] - 40:1,

53:16 forgetting [1] - 28:8

form [1] - 56:24 forth [3] - 51:8, 65:17, 65:19

forward [2] - 21:1,

four [9] - 20:24, 35:13, 40:17, 57:18, 57:19, 62:18, 62:19

four-by-four [1] -57:18

four-inch-by-fourinch [1] - 57:19

full [1] - 10:12 full-time [1] - 10:12

G

Galena [2] - 7:15, 22:2 gallons [1] - 44:16 Game [1] - 1:17 gap [5] - 25:12, 57:7, 57:12, 58:12, 60:17 garage [1] - 26:4 gas [1] - 40:19 gas-fired [1] - 40:19 gauges [1] - 26:15 general [2] - 66:8, 66:11 generally [4] - 6:21, 7:14, 10:6, 29:20 generate [5] - 22:12, 29:17, 46:23, 47:24, generated [4] - 41:9,

47:10, 47:11, 70:7 generating [1] - 40:19 generational [1] -19:24

generous [1] - 11:18 gentleman [1] - 19:21 Gila [1] - 40:9

given [3] - 11:21, 28:6, 29:12

glare [17] - 21:20, 26:10, 29:15, 48:1, 48:8, 48:11, 56:15, 58:15, 58:21, 58:23, 59:3, 59:7, 59:9, 62:16, 63:8

glaring [1] - 48:2 gloves [1] - 44:21 goal [2] - 11:8, 11:19

Goins [3] - 2:5, 6:5, 68:18 GOINS [3] - 5:24, 6:6,

68:19 golf [3] - 13:23, 23:24, 24:3

government [1] - 32:8 grass [5] - 12:15, 19:8, 25:20, 35:7, 35:12

grasses [2] - 29:6, 34:19

grassy [1] - 35:20 gravel [1] - 42:18 gray [1] - 21:1

great [1] - 28:5 green [2] - 13:17, 44:19

greg [1] - 68:23 grew [1] - 19:22 grid [2] - 57:19 ground [13] - 5:14, 7:6, 7:22, 14:23,

22:21, 23:18, 35:17, 35:18, 37:2, 39:24, 41:13, 41:14

groundhog [1] - 7:11 group [2] - 30:1, 60:3 groups [1] - 60:3 grow [3] - 23:15, 31:5,

37:7 growing [2] - 47:19,

47:20 grown [1] - 57:24 growth [1] - 58:11 Grundy [1] - 40:18 guarantee [2] - 52:2,

52:4 guess [2] - 15:19, 24:6 guy [1] - 15:11

guys [2] - 45:4, 52:19

Н habitat [1] - 34:24 **HAFF** [6] - 3:8, 45:20, 45:23, 46:5, 46:8 Haff [1] - 45:24 HAFF-DELANCY [5] -3:8, 45:20, 45:23, 46:5, 46:8 Haff-Delancy [1] -45:24 half [4] - 28:2, 63:8, 63:16, 63:19 Hall [1] - 55:13 hand [4] - 5:1, 31:12, 70:13, 70:17 handle [1] - 31:10 happy [1] - 21:8 hardly [1] - 50:13 hardship [1] - 68:5 harm [1] - 26:21 harmed [1] - 30:11 hat [1] - 60:12 hate [1] - 53:12 hazard [2] - 56:19, 56:23 hazards [1] - 66:13

head [6] - 16:15, 41:17, 50:23, 63:7, 63:17, 63:19

heading [2] - 50:5, 51:4

headquarters [1] -58:7

health [1] - 66:7 hear [3] - 21:6, 38:6, 66:21

heard [3] - 19:2, 24:5, 58:8

hearing [17] - 4:3, 4:5, 4:8, 4:23, 5:6, 5:16, 53:20, 54:1, 54:8, 64:14, 64:23, 65:2, 68:13, 69:6, 69:8,

70:5 HEARING [1] - 1:11 hearings [2] - 4:6, 6:15

heat [8] - 29:18, 29:20, 29:22. 40:12. 46:21. 46:22, 46:23, 50:20 heavy [1] - 19:17 heck [1] - 42:15

height [19] - 7:7, 16:12, 16:13, 16:14, 16:19, 17:1, 17:2, 25:5, 31:5, 31:8, 35:10, 35:11, 35:12, 56:1, 62:15, 63:6,

63:7, 63:16, 68:3 hell [1] - 45:7 help [13] - 10:20, 11:14, 11:22, 19:16, 21:7, 23:15, 24:9, 31:16, 34:22, 36:16, 51:5, 59:19, 61:17 helps [3] - 12:12, 12:15, 36:17 hereby [1] - 70:4 hereto [1] - 70:11 hereunto [1] - 70:16 hesitant [1] - 14:9 hide [1] - 16:24 hideous [1] - 42:6 high [6] - 14:1, 16:23, 25:14, 62:13, 63:21, 63:22 higher [1] - 42:5 highlight [1] - 7:23 Highway [1] - 34:10 hit [1] - 26:19 hold [2] - 31:16, 53:16 home [6] - 18:2, 26:1, 38:2, 55:14, 59:6, 59:12 homeowner [1] -13.16 homes [11] - 13:3, 14:21, 16:6, 18:3, 22:8, 23:11, 27:22, 27:23, 55:6, 55:15, 58:24 hope [2] - 13:7, 64:9 hopefully [3] - 9:24, 59:15 hoping [2] - 24:8, 25:15 HORAZ [3] - 6:8, 68:14, 68:21 horaz [1] - 68:20 Horaz [2] - 2:3, 6:7 Horn [2] - 9:8, 33:7 host [1] - 10:8 house [1] - 13:13 houses [2] - 53:2, 66:20 Huddleston [2] -19:21, 20:5 humming [1] - 66:17 hundred [1] - 53:2 hurt [2] - 43:8, 50:24 hydrologic [1] - 35:16 hydrology [1] - 35:15 hyphen [1] - 46:5

ideally [1] - 61:18

impact [9] - 30:8, 38:9, 46:13, 60:8, 66:5, 66:14, 67:2, 67:17, 67:18 impacting [1] - 36:7 impacts [1] - 47:15 impervious [1] - 61:14 important [1] - 32:12 imported [1] - 44:24 imposes [2] - 68:3, 68:4 impossible [1] - 16:21 improve [3] - 22:18, 23:10, 34:23 improvement[1] -21:16 incentives [1] - 41:6 inch [2] - 57:19 included [4] - 28:11, 29:5, 56:24, 57:3 includes [1] - 31:3 including [1] - 65:11 inclusive [1] - 70:6 increase [3] - 21:14, 36:17, 56:12 increasing [3] - 18:13, 61:15, 66:11 Indiana [1] - 42:12 indicate [1] - 55:5 indicates [1] - 11:20 **infiltration** [1] - 36:17 information [3] - 58:6, 59:23, 64:8 infrastructure [2] -15:21, 43:11 inkling [1] - 53:15 inside [1] - 24:17 installed [3] - 35:10, 35:11, 35:12 intended [1] - 57:5 interconnect [2] -15:5, 34:2 interconnection [4] -17:7, 17:10, 33:23,

IEPA [1] - 36:2

39:23

70:1

70:20

55:15

IL [1] - 8:21

ignorant [2] - 39:22,

ILLINOIS [2] - 1:7,

Illinois [11] - 1:18,

6:18, 7:11, 10:5,

images [1] - 30:24

immediately [1] -

Impact [1] - 28:16

immediate [1] - 58:4

28:17, 37:23, 40:3,

40:16, 48:20, 67:8,

-PZC - Public Hearings - May 10, 2023interesting [1] - 11:5 interrupt [2] - 18:21, 19:5 intersection [2] - 22:3, 23:3 interviewed [1] - 30:6 inverter [3] - 38:4, 66:18 inverters [2] - 23:21, 66:19 investments [1] - 11:9 investor [1] - 10:17 investors [2] - 45:8, 45:9 irritation [1] - 22:7 Island [1] - 11:3 issuance [2] - 65:14, 67:10 issue [2] - 59:3, 59:7 issues [2] - 22:4, 61:19 issuing [1] - 67:10 itself [1] - 55:23 J

January [1] - 10:12

Jason [10] - 2:10, 12:2, 12:20, 19:7, 19:19, 21:18, 25:9, 27:17, 55:1, 55:6 Jeff [1] - 2:2 Jehovah's [1] - 55:9 job [1] - 33:11 joined [1] - 10:11 Joliet [1] - 40:20 jump [1] - 27:11 jurisdiction [1] - 28:21

K

KAHANIC [6] - 3:6, 32:24, 33:2, 33:5, 33:10, 60:12 Kahanic [2] - 32:24, 33:5 KE105 [3] - 8:22, 9:2, 12:24 keep [4] - 31:17, 43:1, 48:2. 54:24 Kendall [3] - 6:18, 7:10, 41:22 Kentucky [1] - 42:11 ketchup [1] - 44:20 key [1] - 60:14 killed [1] - 28:5 Kimley [2] - 9:8, 33:7

Kimley-Horn [2] - 9:8, 33:7 kind [29] - 12:15, 14:11. 16:10. 19:16. 21:23. 22:19. 23:1. 23:22, 25:12, 25:21, 26:7, 27:11, 28:5, 33:11, 33:19, 33:23, 35:2, 36:8, 36:16, 36:21, 41:12, 53:4, 60:17, 60:18, 60:19, 61:3, 63:11 Kingdom [1] - 55:12 knowledge [1] - 32:4 known [1] - 50:23 knows [3] - 16:19, 19:18, 19:21 Krysti [1] - 2:8 Kyle [3] - 8:16, 9:17 KYLE [2] - 3:4, 8:11

L

labor [3] - 44:23, 45:1

lake [1] - 53:1 land [2] - 7:4, 7:21 landfill [3] - 42:21, 42:23, 43:22 landfills [1] - 42:22 landowner [2] - 20:4, 25:18 landowners [2] - 9:21, 10:18 lands [1] - 35:1 landscape [8] - 14:7, 31:3. 34:15. 37:8. 40:1, 60:17, 61:2, 61:5 landscaping [1] -26:24 large [2] - 26:4, 35:7 **LASALLE**[1] - 70:2 last [6] - 10:11, 22:21, 24:22, 46:4, 52:12, 54:16 law [2] - 8:16, 28:15 layout [1] - 20:8 lead [1] - 32:7 leaks [1] - 44:6 learned [1] - 20:17 lease [1] - 10:20 least [3] - 10:4, 30:19, 62:18 leave [2] - 19:10, 31:4 leaving [1] - 36:22 left [3] - 36:13, 57:9, 58:12 length [1] - 47:5 liability [1] - 41:19

license [1] - 67:11 licenses [1] - 67:9 life [6] - 18:1, 28:13, 29:2, 37:17, 43:10, 43:24 light [3] - 26:16, 29:18, 63:11 lighting [1] - 22:13 lights [1] - 50:20 likely [1] - 40:22 line [9] - 6:23, 14:2, 14:23, 17:12, 17:17, 18:14, 20:12, 38:3, 38:7 lines [4] - 24:8, 25:14, 46:17, 47:10 link [1] - 57:20 listening [1] - 60:9 lithium [1] - 44:15 live [4] - 11:2, 45:24, 48:20, 52:20 lived [2] - 43:9, 48:21 lives [2] - 11:3, 11:4 livestock [1] - 43:3 living [1] - 18:16 LLC [4] - 5:17, 5:20, 6:16, 7:9 load [1] - 50:6 loads [1] - 17:2 local [8] - 11:22, 21:5, 21:6, 40:23, 41:4, 41:10, 44:23, 55:19 located [2] - 6:21, location [6] - 17:13, 27:12, 30:20, 56:17, 59:13, 64:2 locations [1] - 58:18 locomotive [1] - 63:6 long-term [4] - 11:9, 22:4, 22:9, 22:17 look [8] - 31:1, 33:19, 33:22, 49:6, 50:2, 63:21, 67:16 looked [5] - 27:1, 28:4, 62:15, 63:9, 63:18 looking [2] - 64:1, 64:3 Looking [1] - 28:8 looks [2] - 12:18, 50:22 LORI [2] - 3:8, 45:20 Lori [1] - 45:23 losing [1] - 43:4 louder [1] - 8:9 love [1] - 13:6 lovely [1] - 12:3

low [1] - 49:21

lubricants [1] - 44:4

M

ma'am [3] - 32:22, 45:19 MAI [1] - 67:11 maintain [2] - 12:11, 25:18 maintenance [2] -31:2, 31:3 man [2] - 44:11, 45:1 man-made [1] - 44:11 manufacturing [1] -43:16 map [5] - 10:22, 13:19, 20:3, 20:6, 49:7 market [2] - 28:3, 60:5 Marlys [1] - 2:11 Maryland [2] - 12:5, 12:19 materials [5] - 42:10, 43:11, 64:18, 65:11, 65:13 math [1] - 59:16 mature [1] - 59:6 max [3] - 25:5, 56:1, 63:16 maximized [1] - 18:2 McGarr [2] - 67:4, 67:5 McGuireWoods [1] -8:17 meadow [3] - 35:19, 36:12, 36:15 mean [4] - 10:20, 18:21, 48:7, 52:23 meaning [2] - 18:16, 35:23 means [2] - 9:19, 12:9 meet [4] - 9:22, 11:19, 16:1 meeting [6] - 4:5, 4:7, 5:7, 30:22, 69:6, 69:9 meets [2] - 55:10, 66:2 megawatt [1] - 12:6 megawatts [2] - 10:5, 12:6 member [2] - 4:24, 11.12 Members [1] - 8:15 members [1] - 4:9 mentioned [5] - 9:18, 12:23, 23:19, 23:20, 27:18 mesh [1] - 57:18 mess [1] - 49:22 messed [1] - 49:18 met [2] - 14:8, 58:3 metal [1] - 26:4

mic [2] - 8:6, 8:8

-PZC - Public Hearings - May 10, 2023microbursts [1] -41:16 might [5] - 12:4, 17:9, 22:6, 26:16, 37:11 miles [1] - 11:4 Millen [2] - 68:22 millen [2] - 6:9 MILLEN [2] - 6:10, 68:24 mind [2] - 11:17, 46:3 minimum [7] - 7:5, 7:7, 7:22, 7:23, 16:13, 16:14, 17:16 Minooka [1] - 40:19 Minute [1] - 2:11 mirror [1] - 26:12 misperception [1] -37:6 mispronouncing [1] -59:4 mitigate [1] - 27:15 Mitigation [1] - 28:16 mix [4] - 14:16, 19:9, 22:17, 31:15 mixture [1] - 34:18 moment [1] - 21:20 money [8] - 11:21, 21:5, 21:7, 28:22, 41:8, 41:9, 51:16, 52.2 Montgomery [1] -27:23 months [1] - 20:24 morals [1] - 66:8 Morris [1] - 40:18 mosquito [1] - 47:17 mosquitos [1] - 47:23 most [3] - 38:5, 40:14, 45.7 mostly [1] - 11:1 motion [4] - 5:15, 6:2, 68:11, 68:17 move [9] - 4:4, 15:24, 18:10, 18:12, 20:24, 23:9, 39:11, 51:7, 53:20 moved [2] - 5:23, 68:14 moving [1] - 12:20 mow [1] - 25:20 mowed [1] - 31:6 MPDS [1] - 36:3 MR [48] - 5:23, 6:4, 6:10, 8:4, 8:7, 8:14, 9:17, 18:15, 18:20, 18:23, 19:1, 19:4, 19:7, 32:20, 33:9,

52:14, 52:19, 53:21, 53:24, 54:11, 54:15, 54:22, 54:24, 55:2, 55:3, 62:24, 63:4, 63:13, 63:14, 63:21, 63:23, 64:9, 64:10, 64:11, 64:15, 64:21, 68:15, 68:24, 69:4 MS [25] - 5:24, 6:3, 6:5, 6:6, 6:7, 6:8, 6:9, 6:11, 6:13, 32:24, 33:5, 33:10, 45:23, 46:5, 46:8, 54:5, 60:12, 68:14, 68:18, 68:19, 68:20, 68:21, 68:22, 69:1, 69:3 multiple [2] - 18:24, 39.9 mutual [1] - 20:12

Ν

name [15] - 4:18, 8:15, 9:18, 32:22, 39:13, 39:17, 45:19, 46:4, 48:15, 48:19, 52:10, 52:13, 56:23, 59:5 named [2] - 19:21, 30:1 native [2] - 29:6, 34:19 navigation [2] - 56:20, 56:23 near [1] - 17:19 nearby [1] - 30:9 nearest [3] - 38:2, 55:12. 60:22 Nearest [1] - 55:13 necessarily [1] - 29:9 necessary [3] - 23:21, 29:13, 54:19 need [3] - 21:7, 45:12, 62:2 needed [1] - 29:9 needs [1] - 24:17 negative [3] - 30:8, 60:7, 67:18 negatively [2] - 18:1, 38:9 neighboring [7] -21:22, 35:24, 36:6, 36:23, 38:9, 66:6, 66:14 neighbors [2] - 20:13, 26:21 Nelson's [1] - 42:21 neutral [1] - 32:15 **neutrality** [1] - 32:10 never [3] - 24:4, 51:22, new [1] - 27:22 next [21] - 11:6, 11:23, 12:20, 13:18, 19:19, 20:20, 27:16, 29:14, 33:7, 34:8, 34:13, 35:14, 38:15, 46:17, 55:6, 57:3, 57:22, 60:23, 60:24, 61:6 Next [1] - 19:7 night [2] - 46:22, 46:24 **NOBLE** [1] - 54:5 Noble [1] - 2:8 nobody [3] - 43:6, 43:7, 62:11 Nobody's [1] - 40:24 noise [5] - 22:12, 37:21, 38:6, 38:7, 66:17 north [11] - 6:22, 11:4, 13:1, 15:3, 24:13, 27:23, 30:21, 34:6, 34:11, 40:11, 55:9 northeast [2] - 34:11, 55:18 Northern [4] - 13:1, 13:21, 13:23, 40:16 northern [2] - 40:3, 55:7 northwest [4] - 14:14, 34:6, 57:7, 60:16 note [1] - 32:13 notes [2] - 9:23, 28:8 nothing [1] - 22:15 notified [1] - 58:9 nowhere [1] - 17:19 noxious [1] - 31:10 nuclear [1] - 40:21 number [16] - 11:17, 21:4, 21:10, 21:14, 24:4, 27:14, 29:11, 30:3, 32:4, 32:5, 56:10, 56:12, 58:17, 59:1, 59:2, 60:4 Number [1] - 5:16 numbers [2] - 55:5, 59:16

52:7

0

nutrient [1] - 34:23

observation [1] - 27:2 obviously [1] - 64:22 occur [2] - 27:15, 27:16 occurred [1] - 16:9 **OF** [3] - 1:6, 70:1, 70:2 off-site [1] - 36:19

offsite [1] - 35:24 often [1] - 40:4 oil [1] - 44:5 old [4] - 14:10, 42:18, 42:21, 53:2 OLSON [45] - 4:4, 5:5, 6:1, 6:12, 6:14, 8:5, 8:8, 18:17, 18:22, 19:6, 32:17, 32:21, 33:1, 38:23, 39:3, 39:7, 45:17, 46:3, 46:7, 48:12, 48:22, 49:1, 49:4, 52:8, 52:12, 52:15, 53:14, 53:19, 53:22, 54:2, 54:9, 54:13, 54:20, 54:23, 62:3, 62:7, 62:23, 63:3, 64:12, 64:20, 68:9, 68:16, 68:23, 69:2, 69:5 Olson [3] - 2:2, 6:11, 69.1 on-site [1] - 38:14 once [4] - 31:16, 39:24, 41:13, 47:1 one [30] - 4:17, 10:8, 11:24, 18:23, 20:20, 21:4, 23:24, 37:4. 38:15, 45:6, 46:20, 48:3, 50:15, 53:21, 54:16, 55:3, 56:15, 57:3, 57:14, 60:3, 60:24, 61:6, 61:8, 61:23, 62:10, 64:23, 65:6, 65:7 One [1] - 33:9 ones [2] - 44:2, 44:24 open [8] - 5:15, 19:10, 25:18, 55:17, 57:8, 57:9, 57:10, 57:15 opening [1] - 8:23 **operating** [1] - 40:6 operations [2] - 31:2, 59.14 **opinion** [1] - 42:8 opportunity [2] -67:22, 68:6 **opposition** [8] - 5:12, 5:13, 39:4, 39:10, 45:18, 52:10, 53:16, 62:8 order [1] - 5:5 ordinance [6] - 16:12, 16:18, 30:18, 37:22, 55:11, 65:18 original [1] - 70:11 originally [1] - 60:15

ornamental [3] - 35:7,

Osborn [5] - 9:4, 9:12,

35:10

Vitosi. Reporting Service

39:6, 39:17, 43:16,

49:3, 49:5, 52:11,

43:18, 48:19, 48:24,

9:18, 67:15, 68:2 OSBORN [10] - 3:5, 9:14, 9:17, 19:1, 19:7, 43:16, 55:3, 62:24, 63:4, 64:10 ourselves [2] - 39:12, 42.1 out-buildings [1] -26:3 output [2] - 13:4, 55:4 outside [3] - 11:2, 22:22, 37:11 overall [1] - 56:11 oversaw [1] - 32:8 oversees [2] - 67:9, 67:14 own [2] - 13:12, 49:17 owned [4] - 15:9, 15:12, 15:13, 55:19 owner [4] - 11:16, 11:17, 13:16, 28:23 owners [2] - 10:10, 10:12 owns [1] - 14:7

Ρ

p.m [1] - 1:22 package [1] - 57:1 PAGE [1] - 3:3 Pages [1] - 70:6 panel [2] - 16:12, 41:18 panels [41] - 7:6, 7:23, 10:6, 12:9, 12:10, 12:24, 15:6, 16:13, 17:18, 18:10, 19:9, 23:9, 25:4, 26:11, 26:15, 26:16, 27:10, 35:20, 36:11, 37:7, 40:10, 40:12, 42:24, 43:2, 43:3, 46:18, 47:12, 50:19, 50:21, 50:22, 50:24, 51:3, 51:4, 55:12, 55:13, 55:24, 58:17, 61:10, 61:11, 68:3 parallels [1] - 14:2 parcel [19] - 5:19, 5:22, 6:21, 7:2, 7:14, 7:18, 10:7, 21:2, 24:15, 29:13, 30:14, 30:17, 30:22, 54:5, 55:7, 55:16, 55:19, 55:23 parking [3] - 25:11, 58:2, 61:14 part [7] - 10:11, 11:11, 14:22, 24:16, 31:20,

-PZC - Public Hearings - May 10, 2023-43:10, 65:4 piece [1] - 19:11 part-time [1] - 10:11 pit [1] - 42:18 participate [2] - 13:15, place [5] - 19:9, 20:5, 13:17 23:5, 50:14, 70:9 particular [1] - 60:5 places [3] - 11:21, passenger [1] - 62:20 12:16, 52:3 past [4] - 26:18, 27:11, plan [16] - 4:21, 4:22, 40:6 13:20, 14:17, 31:2, path [2] - 17:20, 58:20 33:12, 34:10, 34:15, Patricia [2] - 67:4, 34:17, 37:1, 37:13, 67:5 37:22, 38:2, 57:8, Paw [2] - 44:2 57:11, 61:3 planes [1] - 48:9 pay [7] - 32:14, 41:17, 41:20, 51:12, 51:15, planned [3] - 15:16, 51:17 16:4, 55:20 Planned [3] - 6:23, peace [1] - 53:17 7:16, 27:19 peak [2] - 35:22 Planner [1] - 2:10 peer [1] - 30:4 Planning [1] - 4:7 pending [2] - 17:6, planning [1] - 34:2 38:17 **PLANNING** [1] - 1:10 people [18] - 11:1, 13:6, 20:18, 20:23, plans [3] - 15:15, 21:23, 22:5, 22:7, 22:22, 36:2 27:24, 29:17, 32:13, plant [6] - 14:16, 19:8, 39:9, 39:19, 44:9, 25:8, 27:13, 31:4, 45:7, 48:5, 49:19, 59:18 50:8 plantable [1] - 22:14 people's [1] - 66:20 planted [7] - 12:15, per [1] - 37:19 19:14, 24:1, 24:24, percent [3] - 12:12, 26:8, 57:12, 57:15 21:5, 44:12 planting [8] - 16:22, percentage [1] - 51:24 25:6, 29:5, 29:6, 29:8, 29:12, 34:20, permit [9] - 7:4, 7:20, 37.9 31:22, 35:5, 58:10, 64:19, 65:7, 65:11, **plantings** [7] - 24:7, 65:14 37:5, 57:23, 58:14, permitted [2] - 15:17, 58:24, 59:19, 61:2 35:4 plants [9] - 23:14, permitting [2] - 9:20, 25:8, 37:3, 37:7, 17:9 37:10, 37:11, 40:17, perpendicular [1] -61:17 play [1] - 12:2 12:11 person [3] - 11:2, plowing [3] - 29:5, 11:3, 18:24 persons [2] - 4:12, Plum [1] - 45:24 plus [3] - 62:19, 64:2, 4.16 64:3 perspective [1] podium [10] - 4:19, 57:22 8:6, 8:13, 9:16, 33:4, pervious [1] - 61:12 39:16, 45:22, 48:18, pesticides [1] - 53:9 Petition [1] - 5:16 52:18 petition [1] - 68:10 point [7] - 15:1, 22:21, petitioner [11] - 4:15, 27:2, 29:22, 33:23, 64:2, 66:24 4:23, 5:8, 5:13, 6:16, Point [8] - 5:17, 5:20, 7:1. 7:9. 7:17. 8:1. 6:16, 7:8, 8:2, 8:20, 8:18. 8:20 phase [1] - 22:6 9:6, 10:1 photo [1] - 26:5 pointer [1] - 13:22

pole [1] - 25:14 poles [3] - 23:18, 25:2, 33:24 pollinator [3] - 19:14, 22:17, 31:15 pollinators [6] - 19:8, 24:18, 31:4, 34:19, 47:18, 56:4 Pollution [1] - 37:24 pool [1] - 52:23 pools [1] - 53:1 popsicles [1] - 44:20 populations [1] - 35:1 portion [6] - 4:5, 5:7, 24:13, 65:3, 69:6, 69:8 position [5] - 12:11, 26:15, 27:1, 27:2, 58:17 positive [1] - 68:7 possibly [1] - 18:7 potential [6] - 18:4, 23:6, 27:2, 34:16, 56:14, 58:23 power [25] - 10:5, 12:7, 13:3, 13:17, 14:1, 14:23, 17:8, 17:10, 17:11, 17:13, 23:18, 25:14, 33:24, 40:14, 40:17, 40:22, 40:24, 46:17, 47:10, 55:5, 55:6, 56:2 PowerPoint [2] - 9:10. 64:17 preference [1] - 24:20 preparation [1] - 67:3 prepared [2] - 8:2, 67:13 presence [1] - 30:12 present [3] - 4:13, 8:2, 32:18 PRESENT [2] - 2:1, presentation [9] - 5:8, 8:3, 9:10, 18:19, 38:22, 54:3, 54:7, 54:15, 65:12 presentations [2] -51:20, 64:17 presented [2] - 59:22, 65:10 **presenting** [1] - 9:3 presently [1] - 16:13 pretty [11] - 10:7, 10:21, 10:24, 27:7, 30:9, 32:3, 32:9, 32:15, 43:5, 64:7 previous [1] - 57:23 previously [1] - 30:4

prided [1] - 42:1 primarily [2] - 10:3, 16:6 primary [1] - 11:16 private [1] - 35:1 problem [9] - 20:10, 20:14, 20:20, 27:9, 27:15, 50:17, 53:5, 53:6, 54:14 problems [2] - 20:18, 49:22 proceeding [1] - 65:3 proceedings [4] - 4:2, 69:7, 70:5, 70:8 process [3] - 14:22, 14:24, 17:9 produce [3] - 13:3, 42:17, 45:13 producer [1] - 21:2 produces [1] - 40:16 production [2] -23:22, 25:24 products [3] - 43:13, 43:14, 43:19 program [4] - 13:15, 22:20, 28:11, 59:9 programming [1] -59:13 programs [1] - 13:5 progression[1] - 57:4 project [23] - 8:22, 9:5, 9:8, 9:19, 12:1, 12:5, 14:19, 17:4, 20:22, 21:24, 28:13, 28:23, 33:6, 37:17, 38:12, 38:13, 45:9, 55:4, 58:4, 65:6, 65:16, 66:10 projects [11] - 9:1, 9:11, 10:2, 10:9, 10:17, 17:8, 22:11, 45:3, 65:22, 66:16, 67:19 promise [1] - 51:23 promote [1] - 66:11 proof [1] - 30:7 properly [1] - 9:24 properties [9] - 21:22, 30:9, 35:24, 36:6, 36:23, 38:9, 66:6, 66:14 property [42] - 14:6, 15:9, 15:12, 15:13, 16:3, 16:9, 17:17, 18:5, 18:14, 24:8, 24:13, 24:17, 24:19, 24:20, 27:19, 28:12, 29:7, 29:23, 29:24, 30:4, 30:8, 31:18, 34:7, 38:3, 38:6,

54:18, 60:11, 60:14

points [4] - 39:11,

photos [1] - 58:1

picking [1] - 47:23

prices [1] - 41:1

46:15, 46:17, 46:18, 47:15, 52:21, 56:9, 59:3, 59:5, 60:1, 66:12, 66:24, 67:2, 67:7, 67:8, 67:18, 68:5 propose [1] - 35:3 proposed [11] - 4:10, 8:3, 14:3, 24:12, 25:3, 27:21, 35:17, 35:19, 36:9, 36:10, 39.4 proud [1] - 45:2 proven [1] - 41:2 provide [2] - 4:8, 37:18 provided [2] - 20:3, 29:11 provides [3] - 32:15, 58:20, 67:9 provisions [1] - 65:18 pubic [1] - 70:5 PUBLIC [1] - 1:11 public [22] - 4:2, 4:5, 4:6, 4:9, 4:23, 4:24, 5:6, 5:16, 6:14, 18:18, 53:20, 54:1, 54:8, 64:13, 64:23, 65:2, 66:7, 68:10, 68:12, 69:5, 69:8 Public [1] - 4:12 PUD [2] - 7:3, 7:19 purpose [1] - 4:8 put [9] - 13:9, 16:16, 42:23, 44:2, 44:13, 44:14, 44:16, 44:17, 51:20 puts [1] - 63:19 **putting** [1] - 22:19 PZC [5] - 5:16, 5:19, 6:15, 7:8, 8:1

Q

quality [3] - 18:1, 34:23, 47:7 questions [4] - 4:14, 18:18, 46:20, 61:9 quickly [3] - 16:1, 64:21, 68:2 quite [1] - 12:20

R

R-2 [3] - 7:2, 7:18 R-3 [1] - 7:18 railroad [16] - 6:22, 13:1, 13:23, 14:2, 23:2, 23:3, 23:4,

24:1, 33:14, 46:1, 46:9, 50:2, 58:19, 62:11, 62:12, 63:9 rainfall [1] - 19:17 raise [1] - 4:24 raised [1] - 56:15 rate [1] - 36:17 rates [1] - 13:8 reach [2] - 9:21, 24:3 read [2] - 46:21, 60:4 reading [1] - 60:10 Reagan [1] - 2:5 real [5] - 15:10, 15:20, 38:24, 50:17, 65:1 really [24] - 11:6, 12:19, 13:6, 13:7, 15:15, 15:23, 16:18, 22:11, 22:15, 23:3, 24:5, 28:6, 28:10, 32:1, 36:21, 38:6, 42:6, 42:7, 44:7, 45:12, 57:18, 57:24, 59:21, 65:20 realtor [2] - 46:14, 46:16 rear [2] - 30:17, 33:17 reason [3] - 16:24, 17:5, 57:10 receiving [1] - 5:6 reclaim [2] - 42:19, 47:6 recommendation [2] -67:23, 68:8 recommendations [1] - 34:18 recreation [1] - 55:20 recycle [1] - 43:23 recycled [1] - 43:21 reduce [9] - 12:15, 14:20, 19:16, 23:15, 24:9, 34:22, 36:24, 57:5, 58:1 reduces [1] - 14:15 reducing [2] - 24:2, 35:23 redug [1] - 49:20 redundant [1] - 54:21 reflect [3] - 21:21, 26:16, 27:6 reflecting [1] - 27:12 reflection [2] - 26:11, 63:11 refrigeration [3] -14:5, 15:4, 17:17 refrigerator [2] - 38:8, 66.22

-PZC - Public Hearings - May 10, 2023regulate [1] - 46:23 regulates [1] - 67:7 regulator [1] - 32:7 relate [1] - 66:4 related [1] - 66:17 relief [1] - 41:4 relocate [1] - 20:11 relocated [1] - 56:6 remain [1] - 55:17 remember [2] - 15:12, 52:4 remote [2] - 11:1, 14:12 removal [1] - 31:13 removed [3] - 28:24, 29:2, 31:20 renter [3] - 13:11, 13:16 repaired [1] - 51:13 repeat [3] - 5:1, 39:11, 53:13 repeating [1] - 39:12 replace [1] - 36:12 replacing [1] - 44:1 replanted [1] - 12:17 report [4] - 11:2, 32:9, 35:20, 67:15 Reporter [1] - 70:4 reports [2] - 11:3, 60:4 represent [1] - 4:18 representing [1] -8:18 reproduced [1] -70:14 request [13] - 4:10, 5:11, 5:12, 8:3, 17:5, 32:19, 39:5, 62:5, 62:9, 65:5, 67:24, 68:1 requested [2] - 16:11, 17:1 requesting [4] - 6:18, 7:1, 7:11, 7:17 requests [4] - 4:14, 4:15, 39:1, 65:5 require [3] - 31:19, 38:18, 62:1 required [4] - 28:14, 29:4, 36:24, 37:19 requirement [1] -30:23 requirements [5] -9:23, 33:13, 36:3, 37:16 requires [1] - 30:14 researched [1] - 63:14 regarding [3] - 4:9, residence [1] - 60:22 4:15, 68:10 resident [1] - 39:18 regularly [3] - 10:21, residential [5] - 15:24,

40:24, 41:4 respect [2] - 19:15, 66:23 respectfully [1] - 68:7 response [6] - 35:16, 38:16, 39:2, 53:18, 61:24, 62:6 responsibility [1] -70:13 responsible [1] - 9:20 rest [2] - 22:19, 22:21 result [1] - 18:6 results [1] - 27:7 retains [1] - 41:18 return [1] - 29:7 revenue [5] - 41:9, 42:17, 45:13, 56:9, 66:12 review [2] - 56:18, 63:24 reviewed [2] - 30:4, 30:6 rezone [2] - 7:2, 7:18 rezoning [7] - 5:17, 5:20, 6:19, 7:11, 65:7, 65:15, 67:24 Rhode [1] - 11:3 richard [1] - 2:4 Ridge [5] - 6:23, 7:15, 15:17, 16:5, 27:18 right-of-way [1] -33:15 risk [2] - 26:21, 26:22 Road [3] - 1:17, 7:15, 22:2 road [12] - 17:15, 17:19. 17:20. 26:2. 26:22, 27:1, 30:15, 33:24, 40:11, 51:16, 60:19, 60:21 roads [6] - 21:22, 51:9, 51:11, 51:12, 51:17 Robert [1] - 14:6 Roger [1] - 48:19 ROGER [2] - 3:9, 48:16 roles [1] - 64:23 roll [2] - 6:1, 68:16 roof [2] - 13:10, 13:12 roots [1] - 36:15 rotate [1] - 61:10 Route [1] - 34:11 row [2] - 17:18, 36:13 rules [5] - 5:14, 28:19, 29:3, 58:10, 67:13 run [18] - 12:2, 19:12, 19:16, 34:23, 35:2,

34:7

residents [3] - 18:16,

35:4, 35:22, 35:23, 36:6, 36:10, 36:19, 36:22, 37:13, 53:8, 60:20, 61:15, 61:17, 61:18 run-off [12] - 19:12, 19:16. 34:23. 35:22. 35:23. 36:6. 36:19. 36:22, 53:8, 61:15, 61:17, 61:18

S

sad [1] - 43:5 safety [2] - 57:22, 66:8 sales [1] - 30:6 sat [1] - 22:1 satisfy [1] - 65:13 saw [1] - 21:10 scares [1] - 20:18 scheduled [1] - 4:6 school [2] - 21:6, 41:8 schools [3] - 21:7, 21:8, 51:22 SCOTT [2] - 3:5, 9:14 Scott [6] - 9:4, 9:5, 9:12, 9:18, 33:11 screen [1] - 16:21 screening [7] - 14:14, 14:17, 14:18, 23:14, 27:8, 57:5, 57:15 script [1] - 36:4 seat [1] - 42:1 second [7] - 5:24, 9:6, 33:9, 54:5, 54:12, 60:10, 68:15 Section [2] - 65:17, 65:20 **sector** [1] - 40:5 security [5] - 28:22, 29:1, 31:23, 37:19, 57:21 sediment [2] - 19:12, 34:22 see [26] - 10:23, 12:14, 13:20, 13:22, 21:1, 21:10, 21:17, 23:2, 24:24, 25:4, 28:6, 36:13, 40:12, 41:4, 41:7, 41:22, 42:2, 43:5, 46:12, 52:24, 57:24, 58:7, 64:4, 64:5, 64:6 seed [2] - 47:20, 47:21 seeds [3] - 19:14, 29:6, 47:22 **seeing** [1] - 61:19 seem [2] - 24:24, 32:1 sell [2] - 44:20, 45:11

16:6, 16:10, 27:21,

21:24, 31:7

semis [1] - 51:17 Semper [1] - 14:8 Senior [1] - 2:10 sense [1] - 45:11 septic [4] - 49:12, 49:16, 53:7 septics [1] - 49:24 serious [2] - 53:5, serve [1] - 17:13 set [6] - 17:19, 30:19, 32:16, 65:17, 65:19, 70:16 setback [15] - 17:16, 17:23, 18:2, 18:13, 23:10, 30:14, 30:15, 30:16, 30:18, 30:23, 33:14, 33:15, 33:16, 33:17, 33:21 setbacks [7] - 17:15, 30:13, 33:13, 33:14, 55:11, 60:13, 60:20 several [2] - 15:13, 54:18 sewer [2] - 15:22, 22:11 shade [1] - 13:14 shading [1] - 37:10 shaky [1] - 15:2 shed [1] - 26:4 shine [3] - 21:21, 26:12, 26:19 shining [2] - 59:12, 63:10 ship [1] - 41:12 shipped [3] - 40:14, 40:22, 41:11 shop [2] - 15:4, 17:18 **Shorthand** [1] - 70:3 show [2] - 57:4, 61:4 showed [1] - 30:23 showing [3] - 25:5, 46:17, 58:11 **shows** [6] - 15:8, 20:4, 23:24, 24:12, 66:10 SHPO [3] - 38:16, 61:23, 61:24 shrubs [3] - 35:6, 35:8, 35:13 side [24] - 13:24, 14:3, 14:14, 14:19, 18:11, 24:2, 26:2, 26:5, 30:17, 30:21, 30:22, 33:16, 34:5, 34:6, 40:11. 46:9. 48:3. 48:5. 48:6. 50:8. 55:19, 58:12 sign [2] - 4:19, 17:12 signed [1] - 70:12 significant [5] - 17:2,

-PZC - Public Hearings - May 10, 2023-21:13, 21:15, 56:10 Silagyi [2] - 59:4, 59:5 similar [3] - 38:7, 54:16, 55:10 single [2] - 16:6, 37:14 Single [2] - 7:2, 7:18 single-family [1] -16:6 Single-Family [2] -7:2, 7:18 sit [1] - 63:7 site [15] - 13:19, 13:20, 15:8, 20:2, 33:12, 34:12, 36:19, 36:23, 38:2, 38:14, 56:14, 57:8, 57:11, 60:10, 61:20 sites [1] - 56:18 sitting [1] - 29:19 six [3] - 20:24, 31:7, 59:1 skip [6] - 54:17, 54:21, 59:10, 59:23, 60:12, 60:23 sky [3] - 12:10, 26:14, 58:16 slats [1] - 27:13 slide [18] - 9:23, 11:6, 11:20, 12:20, 19:7, 19:19, 33:8, 34:8, 34:14, 35:14, 56:13, 57:3, 59:21, 60:23, 61:7. 61:10. 61:20 slightly [1] - 27:10 small [2] - 21:3, 53:1 smaller [1] - 12:5 smell [1] - 22:12 software [2] - 58:15, 63:24 soil [4] - 22:18, 36:21, 47:7 soils [1] - 36:16 solar [44] - 6:20, 7:4, 7:6, 7:13, 7:20, 7:23, 8:22, 10:2, 10:3, 10:4, 10:13, 10:16, 10:21, 12:22, 13:5, 13:6, 13:7, 13:10, 21:3, 33:16, 34:20, 35:16, 35:20, 40:7, 40:10, 41:3, 43:2, 43:3, 46:18, 47:4, 47:11, 50:19, 50:21, 50:22, 50:24, 51:3, 55:24, 63:24, 65:16, 65:18, 65:21, 65:23, 66:15, 67:19 sold [1] - 28:2

sometimes [7] -32:13, 51:21, 52:1, 52:3, 52:5, 52:7 sorry [4] - 18:20, 19:4, 32:22, 32:23 sound [4] - 37:21, 38:5, 66:18, 66:21 soundtrack [2] - 12:3, 12:19 **south** [8] - 7:15, 14:2, 30:21, 46:9, 48:6, 50:4, 50:5, 55:16 southeast [2] - 13:24, 18:13 southern [1] - 13:21 southwest [1] - 55:14 soybeans [2] - 24:22, 25:1 Special [1] - 5:18 special [11] - 5:21, 6:19, 7:4, 7:12, 7:20, 65:7, 65:14, 65:19, 65:24, 67:11, 67:24 specific [2] - 62:5, 62:8 specifically [1] - 9:2 specs [1] - 63:18 spectrum [1] - 10:24 speculated [1] - 16:17 spell [1] - 52:12 spelling [1] - 46:3 spins [1] - 44:4 spots [1] - 59:19 spraying [1] - 31:13 squeeze [1] - 31:16 **SS**[1] - 70:1 staff [1] - 11:6 stand [2] - 4:24, 5:2 standard [1] - 13:8 standards [7] - 65:13, 65:16, 65:19, 66:3, 66:4, 67:14 start [3] - 38:20, 51:1, 51:4 started [1] - 51:2 starting [1] - 57:24 starts [1] - 50:7 State [1] - 34:11 **STATE**[1] - 70:1 state [8] - 4:17, 28:15, 31:21, 32:8, 39:13, 40:15, 40:23, 67:8 states [2] - 45:6, 67:16 States [1] - 45:8 station [1] - 40:19 **stationary** [1] - 12:13 statistical [2] - 30:7, 32.2 **statistics** [3] - 32:3,

steel [1] - 42:12 step [1] - 9:4 still [4] - 24:14, 27:8, 46:13, 47:21 stop [1] - 67:21 stoplight [1] - 22:1 storm [1] - 49:10 story [1] - 60:8 Street [2] - 45:24, 48:20 **structure** [1] - 11:5 studied [2] - 30:2, 30:3 studies [2] - 30:4, 32:13 study [17] - 21:19, 21:20, 26:13, 26:14, 26:20, 26:23, 27:5, 27:16, 29:23, 29:24, 31:24, 32:14, 56:16, 58:22, 58:23, 63:8, 67:3 stuff [7] - 42:7, 42:13, 44:8, 44:13, 44:15, 51:7, 51:22 stupid [2] - 39:21, 39:23 **subdivision** [2] - 16:1, 27:21 subject [2] - 14:3, 31:22 submit [6] - 36:2, 36:4, 56:16, 65:10, 66:9, 66:12 submitted [4] - 38:10, 38:16, 60:15, 67:2 substation [4] - 14:1, 18:8, 23:5, 25:13 sudden [1] - 51:2 suitable [2] - 16:2, 57:20 sum [1] - 64:21 sun [8] - 12:10, 12:11, 26:14, 27:1, 29:20, 37:12, 58:16, 59:8 sun's [2] - 26:16, 29:18 SUP [2] - 38:10, 60:15 supervised [1] - 67:3 support [3] - 11:11, 42:14, 62:4 **supporting** [2] - 9:7, 9.8 **supposedly** [1] - 38:5 surface [1] - 61:12 surrounded [3] -

stay [1] - 41:10

stays [1] - 46:22

38:18, 62:1 surveyed [1] - 56:6 sustain [1] - 37:10 sworn [8] - 5:4, 8:12, 9:15, 33:3, 39:15, 45:21, 48:17, 52:17 system [5] - 20:3, 20:5, 20:6, 51:1, 59:14 systems [6] - 49:16, 49:17, 49:18, 49:21, 50:12, 50:16

Т

table [2] - 21:1, 65:6 Taker [1] - 2:11 talks [1] - 29:23 taller [1] - 59:19 tank [1] - 41:20 Tap [4] - 14:4, 14:21, 17:23, 25:11 tasks [1] - 9:20 tax [3] - 30:6, 56:9, 66:12 taxes [1] - 21:2 taxpayer [2] - 41:6, 41:7 team [2] - 20:6, 37:8 ten [7] - 7:7, 7:23, 11:4, 16:14, 24:19, 25:19, 42:23 Tennessee [1] - 42:12 term [5] - 11:9, 17:3, 22:4, 22:9, 22:17 terminated [4] - 38:12, 38:13, 62:1 terribly [1] - 25:3 testified [10] - 8:12, 9:15, 33:3, 39:15, 45:21, 48:17, 52:17, 66:18, 67:15, 68:3 testify [1] - 4:16 testimony [8] - 4:9, 4:12, 5:6, 65:4, 65:12, 66:2, 68:10, 68:12 th9is [1] - 24:2 thereof [2] - 70:12, 70:16 thereupon [1] - 5:4 three [3] - 31:7, 42:4, 65:5 throughout [2] - 13:4, 34:20 tie [1] - 15:7 tile [4] - 18:7, 20:2, 20:10, 56:5

tiles [6] - 19:20, 19:22,

60:2, 60:3

solution [1] - 59:17

solve [2] - 18:10, 23:8

13:13, 49:8, 59:6

survey [3] - 20:6,

20:11, 20:16, 56:6 tilt [2] - 12:9, 27:10 tilting [2] - 48:2, 48:4 timeline [1] - 28:6 timing [1] - 55:22 today [1] - 21:17 Tom [1] - 19:21 tonight [6] - 4:11, 5:2, 5:9, 6:15, 8:17, 65:6 tonight's [4] - 4:7, 4:23, 5:7, 69:6 took [1] - 58:1 top [3] - 29:19, 42:22, 44:7 topographic [1] -63:24 tornadoes [1] - 41:15 touch [3] - 60:14, 61:9, 62:12 touched [3] - 26:10, 52:19, 53:12 toward [1] - 51:4 towards [2] - 50:7, 53:4 town [4] - 39:20, 39:21, 50:8, 51:18 Townhome [1] - 7:19 Township [2] - 51:9, 51:11 **TPE** [2] - 8:21, 10:2 track [4] - 58:19, 63:9, 63:15, 64:2 tracking [1] - 12:8 tracks [10] - 26:14, 46:2, 46:9, 46:11, 50:3, 58:16, 62:22, 63:22 traffic [1] - 22:4 **Trail** [15] - 6:22, 7:14, 13:2, 14:4, 14:20, 18:4, 23:4, 23:10, 23:18, 24:11, 34:1, 34:12, 50:7, 55:8, 57:13 train [3] - 62:15, 63:5, 63:12 trains [10] - 62:13, 62:16, 62:17, 62:18, 62:19, 62:20, 62:21, 63:13, 63:15, 63:16 transcribed [1] - 70:4

transcript [2] - 70:8,

transformers [1] -

translates [1] - 10:6

transportation [1] -

traveled [1] - 40:8

trees [15] - 13:13,

70:11

23:21

34.9

-PZC - Public Hearings - May 10, 2023-24:1, 25:6, 26:5, 26:7, 26:24, 27:3, 27:13, 35:3, 35:6, 35:7, 35:9, 35:11, 59:7, 59:19 tried [2] - 24:3, 58:13 trouble [2] - 50:9, 50:10 trucks [2] - 51:9, 51:13 true [1] - 70:7 try [7] - 9:22, 11:10, 11:15, 22:22, 23:13, 30:24, 57:4 trying [7] - 11:22, 12:10, 15:12, 25:16, 25:22, 44:19, 45:11 turn [2] - 9:12, 59:10 Turning [8] - 5:17, 5:20, 6:16, 7:8, 8:2, 8:20, 9:5, 10:1 two [11] - 4:6, 7:7, 7:24, 9:3, 16:14, 35:12, 39:1, 40:20, 50:15, 62:22, 66:19 type [2] - 63:13, 63:14 types [2] - 10:8, 30:5 typical [1] - 61:13 typically [2] - 35:3, 35:6

U

U.S [4] - 43:13, 43:14, 43:17, 43:19 ugly [1] - 42:7 under [9] - 19:9, 28:14, 29:3, 30:18, 37:10, 40:20, 58:10, 70:12, 70:14 Under [1] - 29:4 underground [1] -43:12 underneath [6] -36:11, 36:12, 37:7, 47:19, 61:11, 61:12 unexpected [1] -26:19 union [2] - 44:22, 45:1 Unit [3] - 6:23, 7:16, 27:19 unit [1] - 15:16 United [3] - 6:17, 7:10, 45:8 **UNITED** [1] - 1:6 units [1] - 16:6 unknown [2] - 47:2, 47:5 unlikely [1] - 15:23

unlimited [1] - 31:5 unnecessary [2] -17:3, 68:5 unreasonably [1] -66:7 unused [3] - 24:13, 24:19, 24:20 up [28] - 5:9, 6:15, 9:5, 12:23, 16:16, 17:12, 19:22, 24:23, 28:1, 39:8, 42:3, 43:7, 43:22, 44:2, 45:10, 47:14, 47:19, 49:12, 50:6, 51:20, 52:7, 52:23, 53:1, 53:10, 62:14, 63:18, 63:22, 64:21 updated [1] - 61:3 upstream [1] - 20:13

useful [1] - 28:13

utilities [1] - 15:22

value [6] - 27:24,

67:7

46:19, 47:3, 67:2,

values [9] - 16:9, 29:24, 30:5, 30:8, 46:16, 47:16, 60:1, 66:24, 67:18 Variance [1] - 5:18 variance [12] - 5:21, 6:20, 7:5, 7:12, 7:21, 16:12, 17:1, 17:5, 65:8, 65:14, 68:1, 68:2 various [1] - 9:20 vegetation [1] - 34:4 vegetative [4] - 14:14, 23:14, 57:4, 57:15 Velazquez [3] - 14:7, 17:24, 26:1 versus [3] - 35:17, 36:9, 37:10 vicinity [1] - 67:19 video [1] - 11:24 view [7] - 23:23, 24:10, 26:8, 46:11, 57:2, 57:5, 57:14 viewshed [1] - 30:23 village [1] - 27:23 Vinyard [3] - 2:4, 6:3, 69:3 VINYARD[4] - 5:23, 6:4, 68:15, 69:4 visibility [6] - 14:15, 14:20, 23:15, 24:2, 24:9, 58:1

visual [2] - 36:8, 37:2 visualization [1] -22:24 visually [1] - 16:21 Vitosh [2] - 70:3, 70:20 voltage [2] - 14:1, 25:14 volume [1] - 35:21 vote [3] - 5:9, 6:1, 68:16

W

walk [1] - 9:12

wall [1] - 16:24

walking [1] - 26:18

wandered [1] - 25:10 wants [1] - 11:17 warm [1] - 29:19 water [25] - 15:22, 22:10, 34:23, 36:10, 36:18, 36:20, 44:17, 49:8, 49:11, 49:13, 49:17, 49:21, 49:23, 50:3, 50:4, 50:6, 50:9, 50:10, 50:14, 50:18, 50:22, 51:5, 53:6, 61:10 ways [2] - 42:17, 45:13 Wednesday [1] - 1:21 weed [1] - 31:13 weeds [6] - 19:12, 31:10, 31:11, 31:16, 47:19, 47:20 week [1] - 24:24 weeks [1] - 31:7 welfare [2] - 66:8, 66:11 wells [1] - 49:20 west [7] - 14:19, 18:11, 18:12, 26:2, 34:5, 55:15 western [1] - 18:14 wetland [3] - 18:5, 23:6, 33:18 whatsoever [1] - 41:5 WHEREUPON [1] -4:1 white [2] - 28:12, 44:20 White [1] - 15:9 whole [3] - 31:19, 44:19, 61:14 wildlife [1] - 35:1 wind [5] - 10:21, 17:2, 40:8, 41:3, 43:22

winters [1] - 40:3 wire [1] - 57:18 wires [1] - 17:13 wish [1] - 4:13 wishes [6] - 5:2, 32:18, 38:24, 39:4, 62:4, 62:8 wishing [1] - 4:16 WITNESS [1] - 3:3 Witness [1] - 55:9 witness [3] - 9:3, 9:6, 9:9 Witnesses [1] - 5:4 witnesses [1] - 9:3 woman [1] - 44:20 wondering [1] - 22:2 works [2] - 37:9, 64:1 worried [1] - 17:24 worry [1] - 49:6 write [1] - 13:9 written [2] - 16:17,

27:11, 63:17, 64:7

windows [1] - 59:12

Υ

17:22

yard [3] - 30:17, 33:16, 33.17 year [9] - 10:12, 11:18, 13:4, 21:4, 24:22, 24:23, 28:2, 57:14, 57:23 years [12] - 10:14, 10:15, 15:14, 15:20, 28:9, 40:6, 40:7, 44:1, 47:6, 49:14, 53:2, 58:11 YMCA[1] - 55:19 **YORKVILLE** [2] - 1:6, 1.7 Yorkville [10] - 1:18, 6:18, 7:10, 34:17, 37:15. 37:20. 39:18. 41:24, 50:13, 51:14 YOUNG [11] - 6:3, 6:5, 6:7, 6:9, 6:11, 6:13, 68:18, 68:20, 68:22, 69:1, 69:3 Young [1] - 2:11 yourself [1] - 67:16

Ζ

Yuma [1] - 40:9

ZONING [1] - 1:10 **Zoning** [1] - 4:7 zoning [3] - 7:20,

Vitosi. Reporting Service

window [5] - 26:18,

	PZC	_	Public	Hearings	_	Mav	10.	2023
13:20, 38:1				5		7	·	