```
    BOROUGH OF GARWOOD
    PLANNING BOARD
    MUNICIPAL BUILDING
        403 South Avenue
        Garwood, New Jersey 07027
        Wednesday, May 28, 2014
        7:30 P.M.
x
    CASE #PB14-01,
            484 FOURTH AVENUE,
            BLOCK 102, LOT 10
            APPLICANT :ANGELA
            and SANDROVILLARUAT
x --------------------------- x
B E FOR E:
    PATRICIA QUATTROCHI - MAYOR
    BRUCE PATERSON - BOARD MEMBER
    GENE JANNOTTI - BOARD MEMBER
    GEORGIA MacINDOE - BOARD MEMBER
    KATHY VILLAGGIO - CHAIRPERSON
    ROBERT SCHERER - BOARD MEMBER
    MICHAEL VENA - BOARD MEMBER
    TIMOTHY HAK - BOARD MEMBER
    CRAIG MCCARRICK - BOARD MEMBER
    PAUL TARANTINO - BOARD MEMBER
ALSO PRESENT:
DONALD B. FRASER, JR. - BOARD ATTORNEY VICTOR VINEGRA - BOARD CONSULTANT
ADELE LEWIS - BOARD SECRETARY
\(\begin{array}{lllllllllll}\text { A } & \mathbf{P} & \mathrm{P} & \mathrm{A} & \mathrm{R} & \mathrm{N} & \mathrm{C} & \mathrm{E} & \mathrm{S}\end{array}\)
HEHL and HEHL, ESQUIRES
BY: STEPHEN F. HEHL, ESQ.,
370 Chestnut Street
Union, New Jersey 07083
Attorneys for the Applicant
DEBRA-ANN BALSAMO
CERTIFIED COURT REPORTER
```

(1)
(2)
(3)
(4)
(5)
(6)
(7)
(8)
(9)
(10)
(11)
(12)
(13)
(14)
(15)
(16)
(17)
(18)
(19)
(20)
(21)
(22)
(23)
(24)
(25)

INDEX

WITNESS DIRECT

THOMAS J. QUINN, PE By Mr. Hehl

JOSEPH J. STAIGAR
By Mr. Hehl
22
GLENN R. POTTER, AIA, PP
By Mr. Hehl
50

JOHN NCDONOUGH
By Mr. Hehl64

EXHIBITS MARKED FOR IDENTIFICATION
EXHIBIT DESCRIPTION

PAGE

A-1 Color rendering 8
A-2
A-3

CORBIN-1
through
CORBIN-7 Photographs (in evidence)

CHAIRPERSON VILLAGGIOThis
application is 484 Fourth Avenue. Case PB14-01.
Mr. Hehl.
MR. HEHL: Yes. Good evening.
Stephen Hehl with the firm of Hehl and Hehl representing the Applicants, Sandro and Angela Villaruat.

CHAIRPERSON VILLAGGIOMr. Hehl, one second.

MR. FRASER:Mr. Hehl, one second. We have a recusal at the outset.

BOARD MEMBER CUCCARO I'll be recusing myself. I'm within 200 feet of the property.

CHAIRPERSON VILLAGGIO Let the record reflect that.

MR. HEHL:Appreciate that. We are here this evening for a multi-family project consisting of nine town homes on the property that $I$ just mentioned over on Fourth Avenue. We are here on a bifurcated basis - and, Counsel, if you need to explain it more - essentially, what we're doing is we're looking for approval of the use and several of the variances associated with the application and then we would come back before the Board for site plan approval for more details with respect to layout and
the like, so. And we're permitted to do that under the Municipal Land Use Law and that's how we would like to proceed before this Board.

The variances that we are seeking are for the use because it's in a single-family zone and we are seeking multi-family residential and we also need a density variance and a height variance and, also, a floor area ratio, but we'll have our professionals, and in particular our professional planner, address those.

The site does meet the requirements under the RSIS, which is the Residential Site Improvement Standard, but we do have adequate onsite parking. We have received the various departmental comments and we'll be able to address all of those.

What $I$ do plan to do this evening is to
call upon our site engineer first to explain the layout and any plan that was submitted and then we would move onto our traffic engineer to explain the traffic and there was a traffic impact study and then move onto our architect and then our professional planner.

There are proposed to have four three-bedroom units and five two-bedroom units as part of the application. As I mentioned, we would then
come back for site plan approval. And in discussions with my clients, they also would be willing to commit to make this a 55 and over community; age-restricted, 55 and over.

So that's an overview of the
application. If there are no preliminary questions from the Board, $I$ would like to then call upon Thomas J. Quinn who is our professional engineer to explain the plan and we'll go through and mark each of the exhibits. We're going to be relying mainly upon what we submitted to the Board in connection with the application, but we do have some mounted exhibits that we'd like to mark as we proceed.
 328 Park Avenue, Scotch Plains, New Jersey, being first duly sworn, testified as follows:

MR. FRASER:Please state and
spell your name.
THE WITNESS:Sure. Thomas J.
Quinn, $Q-U-I-N-N$.
MR. FRASER:Your address.
THE WITNESS:Business address,
328 Park Avenue, Scotch Plains, New Jersey.

DIRECT EXAMINATION BY MR. HEHL:
Q. Now, Mr. Quinn, if you could please give the Board the benefit of your work experience, your area of expertise, whether you've testified before this or other Boards and been accepted as an expert in that field.
A. Certainly. I'm a 1993 graduate of NJIT. Been a professional engineer in the State of New Jersey since 1997. I have served as Board Engineer for probably seven or eight Boards over the course of that time and now $I$ only serve one Board doing mostly design work.

I have been qualified through numerous Boards in this area, to name a few: Westfield, not Garwood yet, Cranford, Union, Hillside, Newark, Elizabeth, just to mention a few. I've testified before dozens and dozens of Boards in Union County alone.

MR. FRASER:Your licenses are
all current, Mr. Quinn.
THE WITNESS:Yes, sir.

MR. FRASERAnd solely in the
field of engineering?
THE WITNESS:That's correct.
MR. FRASER:Madam Chairperson, I
recommend Mr. Quinn be accepted as an expert by the

## Quinn - Direct

Board in the field of professional engineering. CHAIRPERSON VILLAGGIODkay. THE WITNESS:Thank you. MR. HEHL: Thank you very much. BY MR. HEHL:
Q. Mr. Quinn, you've heard my opening statement. If you can give the Board an overview of the existing conditions and surrounding area and then we can move onto what's proposed by way of site improvements.
A. Sure. Before $I$ do that, $I$ would make reference to the exhibits I've brought with me. The exhibits on the left really is a -- that's the set of plans that the Board has received. I don't believe, unless the attorney would like me to, that they require marking.

The exhibit on the right is a colored rendering of the site plan which is one of the sheets in your plan set. Since that's been rendered $I$ probably should color, it's already been colored, I should mark it.

MR. FRASER:The colored
rendering put $A-1$ with today's date.
THE WITNESS:Yes, sir.

## Quinn - Direct

(Colored rendering is received
and marked A-1 for identification.)
A. So the subject of the application for the record is Lot ten, Block 102. It's about a 45,000 square foot lot which is slightly over one acre located in the RA single-family zone. It's currently developed by the Five Star Catering business that you may know located very near the road. It contains a small parking lot associated with it, access off Fourth Avenue very close to the Walnut Street intersection.

The front or the southerly third closest of the property to Fourth Avenue is cleared out, the remaining two-thirds of the lot are largely wooded. The site contains a couple of other constraints: Besides the fact that it's long and narrow, rather challenging to develop, there is a portion of the Rahway River known as the Gallows Hill Road branch that cuts to the extreme northern corner of the property, it carries a small floodplain with it.

There are also wetlands that have been delineated on this property by virtue of a previous application that will also be carried with this particular application. So due to the narrowness of the northern portion of the lot as well as some of the

## Quinn - Direct

environmental constraints that $I$ had just indicated, development is precluded from that northern-third roughly of that lot. And you can see that on our proposed rendering whereby the buildings are in a yellowish color, the pavement in the gray color and the green area represents the undeveloped or wooded, grassed area. And you can see roughly the rear one-third of the portion, the triangle portion of that lot, needs to remain undeveloped because of the regulated areas and, also, because of the shape of the property.

We also, as you probably know, the property sits adjacent to the Brookside detention basin which is a regional basin that's actually located in Cranford. This property borders Cranford along the easterly property line. It also touches upon Westfield Township in the extreme northern portion of the property.

Okay. In the proposed condition, as you heard, the Applicant's proposing nine three-story townhouses. They're all accessed via a single 24-foot wide driveway located off Fourth Avenue in the position you see there located relatively close to the Walnut Street intersection. Each unit comprises two garage spaces and, also, has room in the front of the

## Quinn - Direct

unit for two spaces to park in front of the garage. So effectively there are four stalls available for each one of the units.

There are also five additional parking stalls located on the easterly side of that parking lot essentially for visitors. There's also a refuse area located along that same curbline adjacent to those parking stalls and we have a striped turnaround area also adjacent to those stalls and that's meant to provide a means for garbage vehicles or larger vehicles that will be coming on the site. We modeled the garbage truck so that they can pull in, turn around and pull out of the site headfirst rather than backing into the site because the site is not on a straight unfettered road, it is on a bit of a curvilinear road. So we're trying to maximum site distance and safety and we certainly don't want vehicles backing out at this location which is kind of currently the way the site occupies now or is organized now.

We have -- there's actually a fair amount of detail associated with this even though we're a bifurcated application, which means you're not voting on the site. Often times we find it difficult for Boards to make a decision about a use without

## Quinn - Direct

seeing the site and, you know, seeing as much of the site as we can commit to. Even though I have not run the numbers for lighting and for drainage and such, the components that you see on the site plan are the components that the actual site plan will contain if this application moves forward. So there's a lot of detail here that you're seeing so that it helps you form an opinion about the use.

We have all utilities that will be run from the existing utilities services provided on Fourth Avenue so there won't be any new utilities run, just new services. And as you heard the attorney indicate, we have some relief required from the ordinance. We have the use. We have the height whereby 30 feet is permitted, where currently proposing 36 feet the maximum height for the units. The maximum floor area we propose is about 20,000 square feet whereas 3500 square feet is what would be max'd out for the single-family dwelling zone. We've also got a density, just barely a density issue whereby the ordinance requires no more than nine use per ache. We're at just under that. This property could contain between eight and nine acres so there will be a density variance as well.

Those are, yeah, without getting into

## Quinn - Direct

too much detail because the site has only been sort of conceptually designed, those are the highlights of the development plan and I'll gladly walk you through any additional detail you need or questions you may have without having me drone on about the site.
Q. And, Mr. Quinn, we realize that we do have our professional planner to address the variances in more detail, but in your opinion, as an engineer, can the site accommodate the proposed development?
A.

Yes, sir.
Q. Thank you.

MR. HEHL: I have no further questions at this time of Mr. Quinn. Certainly, he will be available for various questions from the Board and the public after our other witnesses have testified.

CHAIRPERSON VILLAGGIO Okay.
Does any member of the Board have any questions for the engineer?

BOARD MEMBER HAK:I have just
one. You know, talking about, we just went through a lot of questions with the new building on South Avenue, is the site going to be maintained by the, you know, the original owners for snowplowing and things of that, things of that nature, you know, pruning and

## Quinn - Direct

trees and things of that.
THE WITNESS:I can let the
Applicant address that. My understanding is that these are going to be for sale units so there may be an association developed as part of this that will maintain the common grounds.

MR. HEHL: That's what is
envisioned. It would be for sale, owned, with an association to deal with, maintenance, and with things such as garbage collection and the like.

BOARD MEMBER HAK:I think we all
know what we've gone through in the past, that's something that needs to be addressed.

MR. VINEGRA:Actually, for these type of developments, $I$ think it's over six units, has to abide by state law for a homeowners association so they would have to file with the state for an approved homeowners association. Under a certain amount of units you can draft it yourself, over a certain amount of units it has to be state-mandated homeowners association.

Also, this would be, the way it's
designed, it would have to remain private. It does not comply with our municipal standards for a roadway. So this driveway and parking area could not be turned

## Quinn - Direct

over to the municipality, it would have to remain private.

BOARD MEMBER HAK :The garbage
would have to be brought out for that unit?
MR. VINEGRA:It could be put our or picked up privately. That can be discussed at the site plan.

BOARD MEMBER HAK:I don't mean to jump ahead, I'm sorry, it's just that we went through so many --

MR. FRASER:No, the question is completely proper.

MR. VINEGRA:This Board has the authority this application to have private trash pickup. They have to do private snow removal.

CHAIRPERSON VILLAGGIOAre we going to have Mr. Villaruat as one of your witnesses?

MR. HEHL: We weren't planning on it, but certainly if there's a particular question -CHAIRPERSON VILLAGGIOBecause of the questions that may or may not be asked.

MR. HEHL: But I can represent at this time, on behalf of the Applicant, that it is proposed to be, again, a for sale product with a private trash removal. There is a trash area

## Quinn - Direct

designated on the plan so it wouldn't be brought out on to the street, it would go to that trash area and there would be snow removal done as far as the association.

CHAIRPERSON VILLAGGIOSo you have answered the questions.

MR. FRASER:And there will be a homeowners association, Mr. Hehl?

MR. HEHL: Correct.
BOARD MEMBER MacINDOE I just
want to get it straight in my mind. Homeowners associations are mandated for town homes as well as condo associations?

MR. VINEGRA:Yes, an undersized roadway. Because this property, the homes, will not be fronting on an approved roadway, they have to be part of an association, because this is, the driveway, will not be an approved roadway the way its designed.

MR. FRASER:Mr. Quinn, can you
briefly, have you had a chance to review Mr. Underhill, the police chief's letter?

THE WITNESS:Yes. I think the traffic consultant was going to opine on this in greater detail.

MR. VINEGRA:Okay.

## Quinn - Direct

THE WITNESS:But I have seen it.
MR. VINEGRA:So it will be
addressed by the traffic consultant?
THE WITNESS:Yes, sir.
MR. VINEGRA:How about the fire
subcode official.
CHAIRPERSON VILLAGGIOFire
chief.
MR. VINEGRA:The fire chief.
THE WITNESS:I'm looking at it
now.
MR. VINEGRA:Nothing major.
THE WITNESS:Truck signage, fire
department connection, that shouldn't be a problem.
MR. HEHL: I think most of the
that will be addressed by our, the architect.
THE WITNESS:Yeah, and this
doesn't seem to be any issue. This is typical of multi-family units.

MR. VINEGRA:Okay.
MR. FRASER:So the architect
will address the fire and Mr . Staigar will address the police?

THE WITNESS:Correct.
BOARD MEMBER JANNOTTIYOu

## Quinn - Direct

mentioned quickly this would be 55 and over restricted?

THE WITNESS:That's my
understanding, yes, sir.
CHAIRPERSON VILLAGGIODoes any
other member of the Board have any questions for this
witness? Seeing none. Any member of the audience have any questions for this witness?

MR. CORBIN:I have one question.
CHAIRPERSON VILLAGGIOWill you
please stand and state your name and address.
MR. CORBIN:My name is Horace
Corbin, 430 Union Street.
MR. FRASER:Mr. Corbin, for the
benefit of the Court Reporter, would you please spell your last name.

MR. CORBIN:CORBIN. And Horace,
HORACE .
MR. FRASER:Go ahead, Mr.
Corbin.
MR. CORBIN:Okay. It's very
difficult to view that property from the Fourth Avenue perspective looking back toward the creek towards Westfield.

THE WITNESS:Okay.

## Quinn - Direct

MR. CORBIN:You show the trees
there in green -- have you been to the property?
THE WITNESS:Yes, sir, I have.
MR. CORBIN:And those trees
exist?
THE WITNESS:Yes, to the rear of the property, the one's shown in the triangle, yes, sir.

MR. CORBIN:So all the other property which is adjacent which is 490 that goes straight back --

THE WITNESS:On the right
side?
MR. CORBIN: 490 is upper as you
look at the plan.
THE WITNESS:Oh, okay. Towards
the west side of the property.
MR. CORBIN:Correct. So none of
those trees are on that 490 property?
THE WITNESS:That's correct.
MR. CORBIN:In your site plans I
also notice that you show the wetlands on the 490 property.

THE WITNESS:Yeah, that was
inherited by us, we did not do the wetlands

## Quinn - Direct

delineation. The base mapping for this project, the survey base mapping that we utilized came from another project that was approved by this Board in 2011. It was the base map at that time for another subdivision that was being sought.

MR. CORBIN:That eventually was withdrawn or did not go through.

THE WITNESS:Yes. But those environmentally-regulated areas were identified at that time by that engineer.

MR. CORBIN: When you show them on your drawings, you don't claim any inheritance --

THE WITNESS:Ownership for them, yes.

MR. CORBIN:Thank you.
CHAIRPERSON VILLAGGIOIs there any other member of the public? Sir.

MR. UZARSKI:Yes. My name is
John Uzarski, U-Z-A-R-S-K-I. I'm a resident of 415 Union Street. And my concern was detail of the traffic study, is that going to be discussed in detail?

CHAIRPERSON VILLAGGIOThere's going to be testimony regarding that later.

MR. HEHL: Yeah, that actually,

## Quinn - Direct

Mr. Uzarski, will be our next witness.
MR. UZARSKI:Okay.
CHAIRPERSON VILLAGGIO Anybody
else?
MR. DOUGERT:Dave Dougert, 309
Walnut. D-O-U-G-E-R-T.
Looking at the plans there in the parking and design layout, is this going to be what it's going to look like?

THE WITNESS:I don't know why it
would change.
MR. DOUGERT:Is there any handicap parking spaces there for anybody 55 and older who may need handicap including in this design if they want to live there.

THE WITNESS:Actually, we did not contemplate handicap stalls for visitors. The architect may discuss how accessibility is provided by some of these units, but in terms of the site parking, he did not design it for accessible visitors.

MR. DOUGERT:Okay.
MR. HEHL: But I will say that
and we will be back for the site plan portion, that we need to comply with ADA and it certainly would be both the buildings if required and the lot and parking and

## Quinn - Direct

the like.
MR. DOUGERT:Okay.
CHAIRPERSON VILLAGGIOAny other
member of the public? Seeing none, that portion is now closed.

MR. FRASER:Your next witness,
Mr. Hehl.
MR. HEHL: Yes. I'd like to call
upon Mr. Joseph Staigar. Thank you, Mr. Quinn.
(Witness excused.)

J O S E P H J. S TA I GAR, being first duly sworn, testified as follows:

MR. FRASER:Please state and
spell your name for the record and give your address.
THE WITNESS:Yes. My name is
Joseph Staigar, S-T-A-I-G-A-R.
MR. FRASER:And Mr. Staigar will
be undoubtedly providing testimony as an expert in the field of traffic engineering; is that correct, Mr. Hehl?

MR. HEHL: Yes, that is correct.
MR. FRASER:And, Mr. Staigar,
your licenses are all still current, I assume?
THE WITNESS:Yes, they are.
Professional engineer's license in the State of New

Staigar - Direct

Jersey.
MR. FRASER:Mr. Staigar's
credentials are painfully familiar to all of us and I recommend that he be accepted as an expert in the field of traffic engineering.

THE WITNESS:Thank you.
MR. HEHL: Thank you very much.

DIRECT EXAMINATION BY MR. HEHL:
Q. Mr. Staigar, again, you've heard the testimony so far of Mr . Quinn and my opening statement and you did prepare a traffic impact study. If you could please provide to the Board and the public a general overview of your findings and then, also, please discuss the report that was issued by the police department.
A. Yes. We prepared a traffic impact study. It is an evaluation of what the potential impacts would be on traffic conditions by the proposal. It's broken down into three parts: The first part is we analyze existing conditions; we go out and take traffic counts and measure roadway widths and turning lanes and so forth. We take an inventory of existing conditions.

The second part is the projection of how
much traffic the proposal would generate and superimpose that onto the existing conditions to determine what the impacts may be. And than the last part being evaluation of the site plan in terms of ingress and egress, internal circulation and parking. First part was we went out we went out in this past January on Thursday the 16 th and Thursday the 23 rd to take traffic counts. We took traffic counts at the obvious intersection of Fourth Avenue and Walnut Street between the typical peak hours of roadway; 7 to 9 a.m., 4 to 6 p.m. which are the peak hours of a residential use as well. We found out that the peak hours occur between 8 and 9 a.m. and actually 4:45 to 5:45 p.m. When we take counts, we take them in 15 minute increments over the two hours in the a.m. and two hours in the p.m. and the four consecutive 15 minute period give us our absolute peak hour during that two-hour time period.

Across the site on Fourth Avenue traffic
volumes, two-way volumes give the Board a magnitude of volume of 400 vehicles per hour in both directions; that's two-way volume during the a.m. peak hour and during the p.m. peak hour a little bit heavier at about 500 vehicles per hour. Now on average those numbers are one vehicle every nine seconds in either
direction. There are 3600 seconds in an hour and if you have 400 vehicles per hour traveling either north or south on Fourth, that equates of an average of about one vehicle every nine seconds, again, to give the Board a perception of order of magnitude of the type of volume that we're dealing with on the roadways.

The intersection of Walnut and Fourth Avenue operates at a good level. It's a level of service. We have level service $A$ for the left turn from Fourth traveling southbound onto Walnut and we have Walnut operating at $B$ in the morning and $C$ in the evening peak hour.

Now the Board has heard me as well as other traffic engineers talk about levels of service and maybe the public not so familiar with it, but levels of service deal with the operational conditions of a roadway network or an entity of the roadway whether it's an intersection or a freeway, ramp or any type of element of a roadway. And in this case we have an unsignalized intersection that's controlled by a stop sign. Traffic on Walnut needs to stop in order to make a left or a right turn, wait for a gap in traffic on Fourth Avenue. In order to make the left turn traveling southbound on Fourth you have to wait
for a gap in traffic traveling northbound. And that all takes time and that's a function of what the volume of traffic is on those roadways and it's modeled, there's a computer model of the intersection and what we can analyze and determine is what the average delay is in making those movements either rights or lefts. And we categorize the delays into levels of service just like in grade school A through F, A being the best condition, minimal delay. $F$ being congestive, worse condition, with long delays. And we are in that upper range of $A$ through $C$ at this intersection telling us that it operates at good levels of service. These are all very acceptable levels of service for peak hour conditions.

And, again, to relate it to delay such as calculated delays of zero to ten seconds as level of service $A$, ten to 20 is $B$ and so forth. And we're in that, as $I$ said, $A$ to $B--A$ to $C$ range.

The next aspect of the study was to analyze and project how much traffic these nine townhouses will generate. Townhouses -- well, in order to establish that what we utilize is the Institute of Transportation Engineers - the ITE is the acronym - trip generation manual and this the bible in trip traffic engineering that the DOT uses, that your
county engineer and even your borough engineer utilizes in determining what the trip generation would be for various land uses. One of the land uses that is study quite extensively by the ITE there are townhouse units. Nine townhouse units during the peak hour, just that one hour in the morning, the peak hour, will generate four trips in the morning peak hour and five trips in the evening peak hour.

The question I'm always asked is, well, how does nine townhouses only generate four trips in the morning, well, that's just an hourly volume. Residents leave their home anywhere from say 5:30 in the morning until 9:30 or ten o'clock in the morning in order to commute at the reverse over a two or three-hour period as well. So people work at different locations, they start at different times, they have different times of commutation as well. So their start and stop times in these nine units will be varied throughout those time periods. Statistically, those numbers come out for nine townhouses four in the morning, five trips in the evening peak hours.

Now what I did not -- and those are the numbers $I$ included in my report which, again, relate to good levels of service. When I superimpose that relatively low volume of traffic onto the roadway
network, we still operate in that same realm of level of service, A through C. The application, as I understand it, is now changed to an age-restricted of 55 and older development which is a lessor intensity than a non age-restricted. We, our firm, has studied this pretty extensively existing 55 and older developments in northeast Jersey, particularly in Union County as well, and what we find is that the trip generation intensity is about one half for age-restricted from non age-restricted. And I get the same kind of question, also, is, hey, 55 years, that's a young age, people are still working at that age. Well, these are 55 and older; some may be retired, some may not be retired. And what we find is that the daily volume certainly may remain the same, meaning the 24-hour volume for age-restricted units versus non age-restricted units, but they're not particularly working that nine to five job or leaving, everybody leaving in the morning to drop their kids off at school or go to work and then the reverse flow in the evening, that it's more of a, I'll call it, a leisurely pace of exiting in the morning and returning back in the evenings so that the volumes are about half of what they are for non age-restricted. So that four trips per hour relates to about two trips per
hour for age-restricted and the five trips relate, again, to about two to three trips per hour.

I bring this out not that the magnitude makes much difference at all because we're still talking about very low volumes, but I understand that this parcel, this property has most recently been approved for a three single-family development and the single-family development trip generation is three, excuse me, one trip per unit per peak hour. So three single-family units generates three trips compared to the two to three trips that these nine age-restricted townhouses will generate. So the magnitude of traffic that will be generated by this site is very similar, if not identical, to a three single-family residential development in terms of trip generation.

So the impacts, the point is that just by taking the shear numbers, finding that there is no impact, that the levels of service remain the same for existing and proposed conditions, but, also, making a comparison to an approved use on this property which generates the same amount of traffic than the nine townhouse age-restricted units would generate.

The last part of the analysis was an evaluation of the site plan. As you heard from Mr. Quinn and Mr. Hehl, we are a bifurcated application.

We don't have a fine-tuned or fully engineered site plan, but the elements of the layout are certainly provided to the Board to get a clear understanding of where the driveway is going to be, how the driveway will operate, what the internal circulation will be as well as the parking.

One of the key safety aspects that this proposal will have is that everyone will enter the site and exit the site will do it fronting in and fronting out. If the existing site, the catering facility has its driveways that unless there's no other cars parked or minimum cars parked in the parking lot that front up to the building, you have to backout onto Fourth Avenue in order to leave the site. The two single-family homes to the north of the site operate the same way; you front up into the driveway where the garages are on the two abutting or adjacent, northerly properties and you have to back out onto, onto Fourth Avenue. The key factor is that further north of the site there is a curve in the road such that those driveways, all three driveways, the two single-family homes and the existing catering facility very difficult to see. Now if you can imagine trying to -- if a vehicle traveling on Fourth Avenue has difficulty seeing you, certainly if you're trying to
backout of those driveways, you can't see those vehicles on Fourth Avenue. That situation will be eliminated by the reorganization of the site so that the driveway operates as a front in and a front out. There is about 150 feet of site visibility as one tries to leave the proposed site looking to their left into the curve. There is 150 feet which relates to a speed limit of 25 miles per hour. The stopping site distance for 25 miles an hour is 150 feet so there is adequate site distance at this driveway. The regulating factor here is that while the curvature of the road impedes or impairs I should say, impairs site visibility further to the south, it also controls the speed of vehicles. That curve is a 150 foot radius, a centerline radius, which relates to 25 mile an hour maximum speed. If you travel at a higher speed than 25 miles per hour through that curve, you're going to feel very uncomfortable. You're going to feel like the car is going to want to slide off due to the centrifugal force and, therefore, you're going to slow down. So there is a controlling speed factor such that people traveling at 35 or 40 miles an hour, although they might be inclined to speed through this intersection will not be able to because of that controlling factor through that speed.

So the point I'm trying to make here is that while there is some impairment to site visibility due to the speed, and I understand there are hidden driveway signs prior to approaching this site, at our site, which is the third property into the curve, you have your two single-family homes and then the Applicant's property is the third property furthest from the intersection. There is a site visibility that matches the speed limit of the roadway such that it will operate safely.

We will design, certainly they're in site plan, so that any vegetation within our sight that we can control will be trimmed and/or removed. Anything above say 30 inches will be removed. Any limbs that might be hanging over less than seven feet will be removed and within the right-of-way as well. Obviously, needing the township's permission within the right-of-way that the Applicant will be willing to remove or trim or whatever needs to be done that vegetation that impairs site visibility at the driveway. I believe there is some vegetation currently, not on the Applicant's property, but within the right-of-way that could be trimmed or removed to enhance site visibility.

The site, as Mr. Quinn has pointed out,
has been designed to accommodate service vehicles; the garbage truck that would come in say twice a week, fire apparatus and other emergencies as well would be able to utilize this site as well. A hook and ladder truck if it happens to come in would have to backout. But, again, it can front in and get to the emergency immediately, put out the fire that it needs to. After the fire is over, it would have to backout of the site, it wouldn't be able to turn around. But a pumper truck would be, just as a garbage truck would be and all other service vehicles that would be intended on the site.

Adequate excess area for snow piling, pushing the snowplowing and pushing the snow to the rear or to the sides of the site so that there's no -- there's more than ample room to accommodate that which is somewhat, $I$ would say, unusual in many multi-family developments that I've seen and have analyzed. Many times we've had to have the snow removed because there is no place to pile the snow, but this site certainly has that capability. That's primarily the traffic report.
Q. Alright. And if you could now turn to the letter that was issued by Chief Bruce Underhill. A. Yes. And I'll go through the items. The
first item talks about the blind curve traveling I would call it southbound on Fourth Avenue that there's two caution signs warning of hidden driveways and a school crossing at Walnut Streets. These signs shall be upgraded with flashing yellowing LED lights above and below the sign to provide maximum warning to approaching motorists. Well, we can handle that during site plan approval, but I think the key here is that we're fixing our driveway. The reason why there are hidden driveway signs there because the two single-family homes that are further to the north are closer to the or closer to the curve and that you have to backout of those driveways just as you have to backout of the existing site driveway. The existing catering driveway does not have sufficient site visibility for a driver backing out being able to see 150 feet down the road. We're fixing that, our situation, by providing a means to front out of that and so that the driver is forward of the vehicle and then able to see out of their left window in order to see ample time or ample time and distance on Fourth Avenue.

So I would say that our proposal does not warrant the need for these signs to be enhanced. We're willing to pay for our fair share, if that's the
case. I think our fair share would be a certain percentage, a proportionate number, but certainly we're not creating a hidden driveway or a school crossing concern, we're actually fixing that concern by revamping the driveway alignments.

Number two deals with foliage being removed and to maximize site lines and we will be willing to do that. That's a yes for sure.

Fourth Avenue talks about a fixed barricade opposite Walnut Street and that's probably a good idea. That would protect our, certainly our residents. The only concern that $I$ have is that that barrier if it was to be a barricade would have to be out of what's called a clear zone of Walnut Avenue. When you put a barricade which what the intent is this: Someone traveling on Walnut Street, they don't see the stop sign and they just go barreling right through the intersection and into the property.

That's a very unlikely situation that may happen. And if you put a barricade along Fourth Avenue to stop that vehicle, it also becomes an obstacle for people on Fourth Avenue as well. If there was ever a driver that came off the road and was able to recover; travel, come off the road on Fourth Avenue for whatever reason and then able to recover to get back
on Fourth Avenue, that's what we call the clear zone and there's a way of defining what that clear zone is based on ASHTO and other means. So that barricade would have to be out of the clear zone in order to be safe or we can do it with just signage which I think the officer or the police chief alluded to as well. Again, $I$ think it's something we can work out during site plan, but something that we would certainly entertain.

The fourth one deals with a flashing light at the intersection of Walnut and Fourth and, typically, you don't see blinker lights at a $T$ intersection because it's obvious. The Fourth Avenue would have the yellow as it has now the right-of-way and the red light, blinking light, would control Walnut Street. But it's obvious Walnut Street being the stem of the $T$ intersection, it's an obvious feel that I need to stop at that location. If we do put the signs opposite Walnut Street, warning signs that it is a stop condition, that may help causing those people to stop or creating a condition that would have them stop. But, again, a flashing yellow light would not be warranted at this location.

And then lastly, number five, again, $I$ think the Chief kind of alludes to that it may not be
feasible. If it's not feasible, a blinking stop sign northbound on Walnut Street replacing the current stop sign should be considered and this would control or reduce rolling stops. I don't think it would control or stop or reduce rolling stops if you put the flashing light there versus a non flashing light. Again, $I$ don't think -- I don't think it's really relative to our application in terms of us having an impact on the operation of Walnut and Fourth Avenue, but, again, it's something we would entertain if there is a means or appropriate means to make things safer. But I think the fact that we are changing the geometry significantly of our driveway certainly makes the intersection much safer than what exists today.

MR. HEHL: Thank you, Mr.
Staigar. I have no further questions of Mr. Staigar at this time.

MR. FRASER:So ultimately, Mr. Staigar, it's your opinion that there's into negative impact on traffic that would be created by this application, correct?

THE WITNESS:That is correct.
Actually, a positive impact by changing the driveway configuration.

MR. FRASER:I agree with that,

Staigar - Direct
but I'm not even on that part yet. THE WITNESS:Okay.

MR. FRASER:And, ultimately,
you're saying at worse there's four or five additional cars per hour that get added to what's presently an acceptable level of service and it's not going to materially negatively impact that, correct?

THE WITNESS:Yes. It won't
degrade the levels of service.
MR. FRASER:Degrade. Thank you.
CHAIRPERSON VILLAGGIODoes
anybody else on the Board have any questions for this witness?

BOARD MEMBER HAK:I have one question, just because $I$ do pick up my child and it's kind of a crazy turn, would the people who are looking into this be willing to look into a flashing red light or flashing yellow light just to, you know, because it is kind of a crazy turn during peak hours with children it gets, I don't think it would be such a bad idea.

THE WITNESS:Mm-hmm. No, I
understand that. I think we would be willing to look at it. We're not unwilling to look at it, but.

BOARD MEMBER HAK :That's my --

## Staigar - Direct

you know, be open-minded.
MR. VINEGRA:Mr. Hak, I think if
they were to come back, if this Board would deem this affirmative and they would come back with a site plan, I would like to have a meeting with Bruce Underhill, myself and the developer's traffic engineer to, at a minimum, at a minimum, create a safe crossing at this location, painted, delineated and with handicap ramps on both sides of the street to give us a safer crossing over there with some warning signs. So I think that would be something that $I$ would want to see there, too, I think you're right about that, because now you have nine units, people who may want to walk across the road to go to --

BOARD MEMBER HAK :They may want to go across the street.

MR. VINEGRA+- go to Shop Rite
or to go elsewhere and we want a safe crossing over there. I think that's a good recommendation. I agree with you.

CHAIRPERSON VILLAGGIOMr.
Paterson.
BOARD MEMBER PATERSONA yield
sign, would that be a reasonable sign to have coming up on the curve, it sounds like it's inappropriate.

THE WITNESS:No, a yield sign is
where you may have to come to a stop if someone else is in your way. So it's telling you you don't have to stop, but you have to yield to whoever. So, no, a yield sign would not be appropriate for Fourth Avenue. BOARD MEMBER PATERSON:

Psychologically, though, at least make people think, right?

THE WITNESS:No, confuse people, I think.

CHAIRPERSON VILLAGGIO Only thing you would yield to over there are the deer. THE WITNESS:I think the hidden driveway, the purpose of the hidden driveway is that it may become an expected event as opposed to an unexpected event. What happens is as you're driving and all of a sudden a deer jumps in front of your car, your time to react from your eye to your brain to your foot takes longer than if you're sitting there waiting for a deer. So once you see that hidden driveway, it alerts you there may be somebody coming out of that driveway so that your reaction time -- you may slow down, that may be one thing, hey, there's a potential danger here, but your reaction time also decreases when you expect an event.

BOARD MEMBER PATERSON Annually,
the police do like an accident study per intersection, did you get ahold of that?

THE WITNESS:No, we didn't, but I think based on Victor's point meeting with the police chief that would be one thing that we would look at. Two, if there is a series of events of accidents that are occurring that may have an ability to be rectified, then that's something that absolutely should be looked into.

MR. VINEGRA:Bruce, we would
look into that because you don't want to propose a crosswalk if we're having high frequencies of accidents, now you're just introducing more trouble. If the site distance isn't good coming off Fourth Avenue and you include a crosswalk, you could be jeopardizing the people stepping in the crosswalk. So we would have to look at that at the design phase and possibly do some signage warning people pedestrian crosswalk proceed, you know, slow down, and we would like into that at the design phase, not really at the zoning. We would look into that at the design phase. This is not the design phase.

BOARD MEMBER PATERSON And we
all basically come around that bend, but we turn on

Walnut. But, anecdotically, I mean, you know, I listened to Mel Shay a lot back when he was a crossing guard there and it sounded like the people were going a lot crazier than 25 miles an hour.

MR. VINEGRA:And the problem, too, if you introduced something new and someone has been driving that way for twenty years and they're not used to a crosswalk, that becomes an issue. So we would look into that if the Board so thought that we could go ahead as a townhouse development site. That would be looked into in the future. This is not a site plan application whatsoever.

BOARD MEMBER PATERSONThis sounds like a crazy concept. This whole thing was like flipped and the driveway was then closer to Walnut.

BOARD MEMBER VENA Then you're creating an intersection.

BOARD MEMBER PATERSON Well,
wouldn't that be more advantageous because that's what you're trying to actually do is create an intersection, it's not an offset.

MR. VINEGRA:This is not a
municipal roadway. This is a conceptual. This is only conceptual, the layout. What we're really

Staigar - Direct
looking at is the amount of units and how we would particularly look in that area. We would look more into that. But if it was a roadway, yes, you want it aligned. This is a driveway with only nine units, so there's a big difference.

BOARD MEMBER PATERSON Okay.
Thank you very much.
CHAIRPERSON VILLAGGIOMr.
McCarrick.
BOARD MEMBER MCCARRICKMr.
Staigar, is there any concern about a car making a left out of the proposed driveway at the same time a car is making a right off Walnut?

THE WITNESS:No. They see one
another and it's separated far enough.
BOARD MEMBER MCCARRICKBy -- do
you know the distance?
THE WITNESS:I did measure that at one time.

BOARD MEMBER MCCARRICKIt's
about 30 feet?
THE WITNESS:At least 30 feet.
At least. From centerline to centerline, it's more like 50 feet. Let me get the right number for you. BOARD MEMBER MCCARRICK The

Staigar - Direct
scale is one to 30.
MR. FRASER:If the centerline is
50, it's edge to edge, it's probably close to 30 ,
right?
THE WITNESS:You're right.
You're exactly right.
MR. VINEGRA:It's actually about
50 feet from edge to edge. It's about 50 feet.
MR. FRASER:You're saying
centerline to centerline, though?
MR. VINEGRA:No, edge to edge.
BOARD MEMBER MCCARRICKyictor,
can you give me the southeast corner of Walnut to the western side --

MR. VINEGRA:Again, it's not so much the distance. See, if you don't have it perfectly aligned, you want it offset as much as you can --

BOARD MEMBER MCCARRICKOkay.
MR. VINEGRA:-- to permit a car,
to see the other car stop and let it pull out. The biggest key is site distance. So when it comes to the design phase, I'd want to see this driveway have clear site distance with only low-growing shrubs, no trees, no barriers --

Staigar - Direct

BOARD MEMBER MCCARRICK The
distance on Walnut is not great either. That's rolling stops all the time.

MR. VINEGRA:The problem is people roll through the stop sign and that's not -BOARD MEMBER HAK:YOu know, they're breaking the law when they do that.

MR. VINEGRA:Right. But what we can do is possibly produce a crosswalk with a striped line earlier and maybe do a raised section, a raised crosswalk, but that, again, is something to be discussed --

BOARD MEMBER MCCARRICKAt the next go around.

MR. VINEGRA?- at the next go around. If the Board doesn't so see fit tonight, all this discussion is moot because --

BOARD MEMBER MCCARRICK They
brought their traffic expert here though, so.
MR. VINEGRA:We're going to make
him stay involved with the design throughout the project if this Board so sees that this housing fits in the neighborhood. So that's what we're looking at; do these types of housing units fit the neighborhood, we'll go into that.

Staigar - Direct

CHAIRPERSON VILLAGGIOMr.
Jannotti.
BOARD MEMBER JANNOTTII just
have a question. On the dates, you did a study on the 16th and the $23 r d$, were they school days?

THE WITNESS:Oh, yeah. Yes.
MR. JANNOTTI:Because there was
a lot of snow and things going on.
THE WITNESS:We watch the
weather as well and we watch the holidays and we watch the weather so we're not going to be out there in a snowstorm.

MR. JANNOTTI:I assume that but
I wanted to hear it from you.
THE WITNESS:Good question.
Other traffic engineers may do that, but not us.
BOARD MEMBER MCCARRICKYou did not study during school hours, the p.m. time?

THE WITNESS:No, we didn't, no. Typically what we always find is the commuter peak hours are always the highest, unless you're right next to a school or on a quiet street.

BOARD MEMBER JANNOTTIYou're a
block away from it.
THE WITNESS:Yeah, but you're on
a, I wouldn't call it an arterial road, but you're on a commuter road.

CHAIRPERSON VILLAGGIO Do any
other members of the Board have any questions of this witness? Seeing none, $I$ open it up to the public. Does anybody, does any member of the public have any questions for this witness?

Sir, state your name and address. MR. UZARSKI:I'm John Uzarski.

415 Liberty Street, I'm on the corner.
MR. FRASER:Could you please spell your last name.

MR. UZARSKI:Sure.
U-Z-A-R-S-K-I. Your study was very good. But did you study any impact when you're coming around from Cranford then the speed limit is 25 , but most people don't go 25 , how are they going to slow down and make that turn into the development, like was there any impact on that? And then the same, because this other gentleman had raised the question, when you come out, if you're going to come out of this new town home development, you're going to go to the left towards Cranford, you're dealing with Walnut Street, Fourth Street and Benson Place all at the same time. Was there a study on that?

THE WITNESS:When you say a
study on that, was the site distance -- the only thing I'm concerned about --

MR. UZARSKI:I'm confused about
that drawing. I know the gentleman said that's a rendering and $I$ just don't understand -- I'd like to see where the driveway is, but that's coming around from the Cranford side, how are people going to slow down and make that sharp right into the development when people are going 35 miles an hour on the average?

THE WITNESS:There's a curve in the road from the east.

MR. UZARSKI:Yes.
THE WITNESS:If Fourth Avenue is east west and you're saying how are people going to --

MR. UZARSKI:If I may, if I may
approach that. I live right over here, I walk my DOG here like three times a day, if you're coming from here 35 miles an hour and here's Walnut, $I$ can't possibly imagine stopping going 35 and making a right. And then the worse part when someone is coming out like this and these people are turning right and the traffic continues to go this way, these people have two ways here and a third there so that's the only thing.

Staigar - Direct

MR. FRASER:We couldn't see any of that because the questionnaire was in the way. But I think the question is, Mr. Staigar, for the record, if people are coming in a westerly direction on Fourth Avenue, the question was expressly concerned about how those cars are going to have sufficient time to slow down and turn into the development, is that correct? That was the question?

MR. UZARSKI:It takes me a good five minutes just to crossover when $I$ want to walk towards the school with my dog just to wait for the traffic to stop.

MR. FRASER:We're on questions so the question is how are they going to have enough time or are they going to have enough time to make a right-hand turn off of Fourth Avenue into the development?

THE WITNESS:Yeah, I mean you
know you're turning into that driveway, you're going to start to slow down. You're not going to be traveling at 35 miles an hour and then make a quick, sharp turn.

MR. UZARSKI:You're not, but the people behind you are.

THE WITNESS:They're not

Staigar - Direct
turning, they're watching you slow down. It's the same situation that any other driveway along Fourth Avenue or any other driveway throughout the borough or throughout the State of New Jersey. If someone wants to make a right turn into a driveway and you're following behind them, obviously, you can't be traveling at the same higher speed, you have to slow down when you see those brake lights go on and the blinker goes on.

MR. UZARSKI:Okay.
THE WITNESS:It will operate the same as any other driveway.

CHAIRPERSON VILLAGGIOIs there any other questions from the audience? Seeing none, this portion is closed.

MR. HEHL: Now I'd like to move onto testimony from our architect, Mr. Glenn Potter. Thank you, Mr. Staigar.
(Witness excused.)
MR. FRASER:We just marked A-2
which is --
MR. POTTER:These are actually drawings, copies of drawings that are already in the --

MR. FRASER:But A-2 is the
colored, not the colored, it's the artist's rendering of the proposed townhouses.
(Artist's rendering of proposed
townhouses is received and marked A-2 for identification.)

G LEN N $\quad$ P O T T E R, with offices at 410 Colonial Avenue, Union, New Jersey 07083-7347, being first duly sworn, testified as follows:

MR. FRASER:Alright. Please
state and spell your name and give your address.
MR. POTTER:Glenn Potter. 410
Colonial Avenue, Union; Potter Architects.

DIRECT EXAMINATION BY MR. HEHL:
Q. And, Mr. Potter, if you could please give the Board and the public the benefit of your work experience, your area of expertise, educational background, licenses that you hold and confirm that those licenses are in full force and effect. A. I am graduate from NJIT 1984 and I'ma licensed architect since 1988. I've been in the architectural field for about 27 years. And I've testified before Westfield, Cranford, Union, Mountainside, Cedar Grove, Springfield, Scotch Plains, Millburn, Summit, Highland Park, Somerset and

## Potter - Direct

that's --
MR. FRASER:We get the picture. THE WITNESS:Yeah.

MR. FRASER:Are your licenses
current?
THE WITNESS:My licenses are
current.
MR. FRASER:And you've been
accepted as an expert architect in those various municipalities?

THE WITNESS:I have.
MR. FRASER:Madam Chairperson, I
recommend that $M r$. Potter be recognized as an expert in architecture.

THE WITNESS:Thank you.
CHAIRPERSON VILLAGGIO Okay.
MR. HEHL: Thank you very much.
Q. Mr. Potter, again, you've heard the testimony so far of Mr . Quinn and Mr . Staigar if you could now give the Board an overview of the elevations and the floor plans for the proposed structures.
A. Okay. The artist rendering that we see over here is a view of the townhouse unit from Fourth Avenue looking northerly and our proposal, as was stated previously is for two three-story wood frame
townhouse buildings. The first building located on the southerly end of the site will have two three-bedroom town homes flanking three two-bedroom town homes. So essentially it will be a three-bedroom, two, two, two, three. And then northerly there will be four unit which will have a three-bedroom and then a two, two and a three. The height of those buildings will be 35 feet in this proposal.

The breakdown of the units are as
follows: There will be no basements, there'll be all slab on grade units. Each will have a two-car garage with two interior parking spaces. And as Mr. Quinn stated previously, they also will have two exterior parking spaces directly outside the garage doors. We'll have a covered entry and foyer on that level which is at the grade. We'll have a family room, an optional bath area, stairs and these units, every unit will have an elevator. There was question previously about ADA and accessibility. By law we're not required to provide ADA based on town homes as designed here, but we are taking into account 55 and older aspect of the project and we are providing variable accessibility from the garage level up to we're calling it the upper floor level, but, in fact,

I guess technically it would be your third floor level. So we have accessibility through all three areas.

Also, in the rear of the grade level areas we're going to have exterior patio area. And as we move up onto the main level, main level living area -- let me backup. On the grade level slab area our living area for that level is 484 square feet proposed. It's a total gross living area of 1062. As we move up to the main level, our gross living area for that level will be 1014 and our gross floor area will be 1082. And on that level we have a living room, fireplace, kitchen, dining area, half bath, stairs, elevator and a small exterior rear deck approximately 10 by 16 is in this proposal.

And then we move to the upper level, again, we're talking about right here's the three bedroom unit, we're going to have the master bedroom, master bath, two bedrooms, house bath, laundry area on that level, elevator and the stairs.

The two bedroom is essentially exactly identical. It's slightly smaller in footprint. It's two feet shallower than the proposed three units. There will actual be a recess in the middle portions of both buildings, but the main difference being the
third floor will only have two bedrooms as opposed to three. But all the other elements essentially are the same.

As far as exterior finishes, we tried to give you a sense of how this would look primarily moving, as you said, down Fourth Avenue. The exterior finishes themselves are going to be a step above on what you would typically find on most homes today. By that I mean we're going to use a timberline shingle, it's not going to be straight asphalt shingle, there's going to be Hardy Plank on the outside. I'll just go through a list of things for you just so you have an idea. The siding will be Hardy Plank and, again, we tried to stick with earth tones here. It's a very good representation of what our final product will look like. And so we're looking at like what they call a Navajo beige and a khaki brown for the siding. Again, it's a Hardy Plank material; it's a fibrous board. It's much different than a vinyl siding, it's a much higher quality. Shutters will be a Hardy Plank and mountain sage, again, is the color we're using, but it's a hunter green or it's a dark green. The roof will be GAF timberline shadow as opposed to a straight asphalt-look roof. Again, we're going to go with a dark gray on that.

All our gutters and downspouts will be white aluminum. All downspouts and drainage will be directed to an area as we develop the site plan with Victor and the township for retainage, we're going to have to have site retainage. And we're also providing a base here of stone veneer. It's, again, it's called a sterling color, but that is depicted here, again, on the rendering. All of our exterior deck areas will be Azek composite decking as opposed to treated wood decking. It holds up much better, it lasts longer, it looks better for years. It's nearly indestructible. Exterior railings will be the same; composite white Azek railing systems. Our widow accents will be Azek white which will be like your sunbursts or your keystones above your windows. Exterior columns, instead of just being wood columns, it will be wrapped and it will have Azek white trim on those, also, and that was also well-depicted here on the rendering. We've also indicated a few little wing walls just to add interest and make it blend better with the surrounding landscaping, if you will.

As far as trash and recyclables, we need to workout those details. There's be a discussion about having trash in the units themselves or utilizing an outside dumpster. The garages are large

## Potter - Direct

enough where we can have internal garbage storage. MR. FRASER:You mean garbage cans?

THE WITNESS:Right, just like a
garbage can. And, you know, recyclables and all that, we have plenty of room for all that to be handled. So discussion on that will continue.

Utilities: Each unit will have
their own gas meter, electric meter, HVAC forced air and so forth. Condensers for the HVAC will be located in the rear of the building on the grade.

MR. FRASER:Mr. Potter and Mr.
Hehl, this is wonderful stuff really for a site plan application, $I$ just wondered if we're getting a little too detailed for the use variance application which you've elected to bifurcate.

MR. HEHL: Well, we thought that
because of the quality that the Applicant is committed to give here, that that would be a fact that the Board would like to hear. I think he's at the end. THE WITNESS:I'm almost done. MR. FRASER:I'm just saying we got the gist of it.

CHAIRPERSON VILLAGGIO We got
the gist of it.

## Potter - Direct

MR. FRASER:If there is a
question that the Board has, so be it, but if we're down to the composition of the shutters.

THE WITNESS:I have samples if
you'd like to see them.
Q. Now, Mr. Potter, if you could also address the comments from the fire department. I believe you looked at them prior to our meeting -A. I just saw them.
Q. -- and had no problems with complying -A. Yes, but we'll meet all these requirements without any problems. We're fully suppressed. I would register with the Division of Fire and Safety as a light hazard use. There will be a supervised fire detection system throughout. Appropriate signage in the stairwells. I'm not sure he commented, he may have been confused about the layout, whether it was a public stairwell or private, it's really private, but I'll work with him and make sure that he's satisfied and we'll comply. And, like I said, the complex will be fully suppressed with sprinklers, fire sprinklers.

MR. HEHL: Okay. Alright. Thank you very much. I have no questions, further questions at this time of Mr. Potter. But, again, as with the other witnesses, he will be available here to answer

## Potter - Direct

any further questions of the Board or the public. MR. FRASER:I have a question and, Mr. Hehl, maybe this will be somewhat related to you, so I'm not sure a bifurcated application is something you're seeking approval on now or something you want to wait for the site plan, so I'll ask the question directly. Why are the units 35 feet high? THE WITNESS:Because the basic -- we're going with a three-story structure is where we are. If you can take a look at this, we went through great pains to try to make it appear to be a two-story structure. There's 35 feet only for a very small area and it's probably depicted very accurately on that triangular portion on the southerly end of that front building there, that's about the area that will be above the 35 feet area. Probably from that white board with those three trim pieces down would be your 30 foot mark.

MR. FRASER:What's the height of
the majority of the structure?
THE WITNESS:The majority of the
structure is under 30 feet. Now let me from this point -- from this point down is 30 feet.

BOARD MEMBER PATERSON But the
whole roof line is 35 .

## Potter - Direct

THE WITNESS:No, the entire only in here.

MR. FRASER:On the top floor -THE WITNESS:Yes sir.

MR. FRASER:-- what is the
height from the ground of the ceiling of the top floor?

THE WITNESS:Probably 31 feet.
I'm guesstimating, but it's close to that. We have an attic area above that. Aesthetics were a big part of it. We could flatten it out, but a lot of it was built. That's why I say I don't think we're going to have roof trusses because it's being built within the structure itself. We're using attic area to actually formulate and develop living area. So we'll have slope ceilings up there, that kind of thing. We're trying to really keep it low key, if you will, and make it delightful.

MR. VINEGRA:Just to address
that briefly, we do have a townhouse permitted ordinance map that when we performed the work for The Pointe, we created a redevelopment plan and then we rolled that redevelopment plan into an ordinance. So now we do have a permitted area with the town. We call it the mud and mixed use development.

## Potter - Direct

MR. FRASER:What's the height?
MR. VINEGRA:35 feet. I don't
know if they knew they matched.
THE WITNESS:I knew that.
CHAIRPERSON VILLAGGIOYOu
testified about some of that you'll not be using, vinyl, and I know that if the plans that were submitted to us have on it a vinyl, was that only like a sample or is that --

THE WITNESS:Since then
discussion has occurred and what $I$ am testifying to right now is what the final plans will show.

CHAIRPERSON VILLAGGIO Okay. I
just wanted to be sure.
THE WITNESS:Absolutely. You're a hundred percent right.

CHAIRPERSON VILLAGGIO That what was in our packet is not, you know, what you're testifying to is in fact --

THE WITNESS:We've upgraded materials most definitely since those plans were submitted. I think they may be three months old at this point. I think the last date was 2/18 or 2/25.

MR. FRASER:So you have amended it?

## Potter - Direct

$\begin{array}{ll}\text { THE WITNESS:We've amended. } \\ & \text { CHAIRPERSON VILLAGGIO Okay. I }\end{array}$ just wanted to make sure that that was the case even though, you know, you testified to the materials.

Does anybody else have any -does any other member of the Board have any questions for this witness? Seeing none, how about the audience, does the audience have any questions for this witness.

MR. CORBIN:I do. My name is
Horace Corbin.
I presume there's downspouts and all that kind of stuff to collect the rainwater.

THE WITNESS:Correct.
MR. CORBIN: Where does it go?
THE WITNESS:Well, as I stated
we're going to have to work with the site engineer for site retainage. Retainage is going to be required on the site we believe and --

MR. CORBIN: What do you mean by
"retainage"?
THE WITNESS:Underground
retainage; detention basin, underground retainage pit and so forth.

MR. CORBIN:And then where does

## Potter - Direct

it go?
THE WITNESS:I think that's
probably a better question to be answered by Tom. But you have an invert on it, it slowly matriculates back into the system, recharges the system at a controlled rate as opposed to a sudden discharge of water and it's probably more controlled than the way it is presently at this time.

MR. CORBIN:I'm seriously concerned about the wetlands back there, just so you know. Somebody's clear-cutted the wetlands back there, the engineer said it wasn't him, I just need who it was because it's illegal.

THE WITNESS:Okay. I can't help you with that one.

CHAIRPERSON VILLAGGIODoes any other member of the audience have a question for this witness? Sir.

MR. LOBE: My name is David Lobe, L-O-B-E, 900 Union Street, Westfield.

Based on these renderings what do
you expect the pricing to be on these units?
THE WITNESS:I couldn't answer
that for you, I'm sorry. It's a question for a realtor. I don't know what the marketing is going to

## Potter - Direct

be on them, $I$ really don't know.
MR. LOBE: Do you have a sense of
what the cost to build them?
THE WITNESS:Oh, the cost to
build them?
MR. LOBE: Yes.
THE WITNESS:Yeah, I would say
they're probably in the area of $\$ 150$ to $\$ 200$ a square foot structure cost.

MR. LOBE: So project that out to size of the unit that you measured.

THE WITNESS:3000 square feet
times 200, $\$ 600,000$ per unit.
MR. FRASER:Not to build.
THE WITNESS:No, no.
CHAIRPERSON VILLAGGIODoes
anybody have any other questions? Seeing none, this portion is closed.

MR. HEHL: Alright. I'd like to
call upon now - and thank you very much, Mr. Potter John McDonough, our professional planner and landscape architect.

J O H N Mc D O N O U G H, with offices at 101 Gilbralter Drive, Morris Plains, New Jersey, being first duly sworn, testified as follows:

MR. FRASER:Please state your name and spell it and give us your address.

MR. MCDONOUGH:Hello. My name is John McDonough. That's spelled M-C capital D-O-N-O-U-G-H. My address is 101 Gilbralter Drive in Morris Plains, New Jersey.

MR. FRASER: Welcome.

DIRECT EXAMINATION BY MR. HEHL:
Q. Mr. McDonough, I know you've appeared before this Board, but, again, briefly give the Board the benefit of your work experience, educational experience and degrees that you hold and confirm that they are in effect.
A. My degree comes from Rutgers where I have a bachelors in environmental planning and design with a landscape architecture option. I hold a landscape architecture license, but, more importantly, this evening I'll be testifying in the capacity of a professional planner where I've appeared before this Board before and I've been qualified and, also, in your neighboring communities including Westfield and Cranford. We're right on the confluence of those three towns. And this is essentially what $I$ do on a nightly basis and during the day $I$ testify in courts

McDonough - Direct
sometimes.
MR. FRASER:And your licenses
are all current?
THE WITNESS:All current, in good-standing, continuing education, all met, yes.

MR. FRASER:So the field is
professional planning and landscape architecture, did I get that correct?

THE WITNESS:Yes. I'll probably
deal more with landscape architecture when we get into site planning, but really looking at the variance proofs here from a professional planning --

MR. FRASER:But right now you're
going to be qualified as an expert in both of those fields just in case we need it?

THE WITNESS:Yes.
MR. FRASER:I recommend the
witness be so qualified Madam Chairperson.
CHAIRPERSON VILLAGGIOOkay.
MR. HEHL: Thank you very much.

BY MR. HEHL:
Q. Mr. McDonough, again, now you've heard the testimony, my opening statement and the testimony of other professionals, if you can now provide the
overview of the site along with the planning criteria for both the use variance and the other variances associated with the application.
A. Okay. My testimony will follow the roadmap that our Courts have given us with respect to the test for a traditional use variance, here a use not permitted in the zone. We're looking at multi-family in a single-family zone. We're going to look at the positive criteria, we're going to look at the negative criteria. And the three main things that we need to find a nexus with this application is our Municipal Land Use Law, the local Master Plan and zoning ordinance and, of course, the neighborhood that surrounds it.

So what I'd like to do, Madam Chair, is just start with a couple of visuals just to take us around the neighborhood and I'll set that as the foundation for planning proofs.

CHAIRPERSON VILLAGGIOYou can
mark that.
MR. HEHL: That would be, I
believe, A-3.
MR. FRASER:Is this going to be handed out? CHAIRPERSON VILLAGGIOIs it

McDonough - Direct
going to be handed out to each one of us.
THE WITNESS:This is going to be a handout, Counselor. It's going to be a three-part exhibit, three pages stapled together, file size 11 by 17. They're all photographs.

CHAIRPERSON VILLAGGIOAnd it's marked A-3.

THE WITNESS:We have one marked which I'll give to the Chair.

CHAIRPERSON VILLAGGIOTO the secretary.
(Three photographs reflective of existing conditions of the site are received and marked A-3 for identification.)

MR. FRASER:Are there one or two extras so the audience can have a few.

THE WITNESS:There's twenty copies here so there should be plenty.

But, for the record, it's reflective of existing conditions which I'm sure the surrounding neighborhood knows.

CHAIRPERSON VILLAGGIO Go ahead. A. So, for the record, we'll start with the first page of A-3 which is going to be an aerial photograph that I downloaded from the Bing website.

We like to use this not only because it gives us a sense of the pattern of the neighborhood, but the mass and scale as well and a look at how the site and how the building that's going on it will blend with the surrounding neighborhood.

We've outlined the property in question in yellow which does have that irregular shape. We've identified municipal boundaries and, again, we're at the confluence of three towns here; your town, the Borough of Garwood, we've got the Township of Cranford which would be to the east and then we've got the township of Westfield which extends to the north. For orientation purpose, north is going to be to the right in this particular photograph.

And then we've got the property fronting on a $T$ intersection along Fourth Avenue and along Walnut Street as well. Their local roads under your ordinance, your police chief actually did call fourth Avenue out as an arterial road or a collective road in your community. All of those characteristics, the fact that we are on a well-traveled roadway, the fact that we are within a thousand feet of the Garwood train station all implies from a planning standpoint a higher intensity of use. This is an area where our state plan and where planning in general would target
a greater intensity of development as support for the train stations. This is one of 250 train stations that we have here in New Jersey and our state plan looks for positive development around those particular train stations. So we're at $T$ intersection. We're within that magic quarter-mile ring of a train station which would imply a higher intensity of development and we're looking at a property that is somewhat of an anomaly compared to the surrounding area; presently, a commercial use in the heart of what is an expanse of a residential neighborhood. The Applicant is looking to take this non compatible use and pull it into more conformity with the surrounding context going from non residential to residential in a residential zone. We're looking at a slightly different housing type of product here, but, again, the nature of the use going from residential to a residential district, certainly moves this site more into conformity with the intent of your zoning ordinance.

The site is also an anomaly in the area simply by virtue of its size. We're looking at a property that is nine times greater than what the zoning requirement allows and you can see that this is a neighborhood that has established itself with a lot of small lot, residential development dwellings. Here
we're looking at the potential subdivision of up to nine based on strict geometry of the site. We know we have some environmental constraints at the back and I think the Applicant has done a good job of responding to those constraints by creating a more compact development where we get the efficiency of shared walls and just a better overall housing product.

The condition of the property, as I
said, is unique as well. Not only is it commercial, we have an apartment there as well, an apartment which is conducive to even a larger scale family because it is a larger apartment. The front is also somewhat unique as we've heard in the context of this residential neighborhood where we have a full string of parking along the front, a 75 foot wide open channel to Fourth Avenue which you've heard about that being on the inside of the turn, limited sight distance and cars backing straight out onto the roadway. The Applicant is looking to fix that by having cars now face out and channelizing that 75 foot wide free-for-all into a single access roadway. So from a planning standpoint that's an improvement as well. All of these qualities make this site particularly suitable for the multi-family development that's before you.

Just to run through the characteristic of the site in terms of the ground photographs, I took these photos I'd say within the last month or so. Frames one and two are panoramic, give us a sense of the structure on the property. That front parking entirely paved; cars backing up without any landing area whatsoever, but for the roadway. We have a broken up sidewalk along the front. The Applicant is looking to come in and completely repair and put in a new sidewalk, so we not only have the improvement of vehicular circulation, but pedestrian circulation as well.

Frame number three gives us a sense, again, of the completely paved condition of the property which the Applicant is going to replace with nice greenery along the frontage.

Frames five, six, seven and eight give us a sense of the surrounding context and the residential development around us. On the one side in particular frame number six you can see that the adjoining residence has absolutely no windows that would face the property, so that's important from a use standpoint as well.

Frame number seven we have residences on the other side. And frame number eight I give a sense
of what has been a real world market example of this type of a product, that multi-family development right by the train station has been a model of success that planners look to mimic. And you can see, looking at this photograph compared to the photograph in frame number eight, that we're looking to pull in a product, a high end product that's certainly going to have the same elements of quality that you see down here by the transit hub.

The proposal before you is what $I$ would call a boutique multi-family development; a very compact multi-family development. Age 55 or over is an important enhancement that I think the Applicant has pulled in as well. We're looking at very attractive buildings as you can see: Three stories, nine units; five of which would be two bedroom, four of which would be three bedrooms and approximately 3000 square feet in size; a range from 2900 to 3100. And to answer the gentleman's question, $I$ think the architect was close, we're looking at price points of in the high five hundreds, if we could get to six hundred that would be great, but I think more realistic is probably in the high fives here.

The site has 41 parking spaces which is twice what the criteria would be under the RSIS.

We've got 18 two-car garages, we've got 18 two-car driveways and then we've got that added amenity of visitor parking that you saw on Tom Quinn's plan with respect to visitor parking. In terms of the amenities, these floor plans will have elevators in each one of the units. We're looking at decks or patios off the back and high end materials including granite countertops, hardwood floors and the like that would lend itself to a high quality, high end product.

That's the background that's associated with the site and lays the foundation for the variances that are before you. We're in the RA single-family zone which is aimed at moderate density residential development at eight units per acre. The permitted uses include single-family dwellings, accessory uses, home occupations and special needs housing. So there's a variety of housing that can go here and, importantly, when we look at a single-family use, and I'll talk about this a little bit later, there are things that come with single-family use that don't come with townhouse development that could create nuisances that you won't see with a townhouse development.

In terms of the relief, the primary
relief that we're here for is a D1 use variance to
allow for that multi-family product in a single-family zone. Interrelated with that, we pull in a density variance; it's a de minimus variance from a density standpoint. We're looking at 8.8 dwelling units per acre versus the eight units per acre that would be allowed under the zoning ordinance and the interrelated D5 floor area variance which is really a technicality because the ordinance threshold is 3500 square feet for single-family dwelling, each one of the units here are less than 3500 square feet. Again, approximately 3000 square feet. The reason why we're looking for 28,000 square feet in aggregate is because we're looking at nine units here. But if there were multiple single-family dwellings here at that 3500 foot threshold, we'd be looking at a similar floor area ratio as well. And I think we just resolved the D6 issue with respect to the height and the fact that those buildings will peak at 35 feet, whereas 30 feet is allowed in the zone. Interrelated with that is what we call a C variance, not a $D$ variance, for the number of stories and the fact that we have three stories here, whereas, 2.5 would be allowed in the zone.

I'll run through the positive criteria associated with the use variance and I think I'll
spend most of my time on that because there are a number of benefits associated with this. We'll flip over to the negative, I'll spend a little time on that, $I$ don't think there are lot of negatives associated with this and then we'll pull in the proofs that are associated with some of those ancillary variances as well.

On the positive side, we look for a nexus with the Municipal Land Use Law and I see the application advancing multiple purposes here. Purpose A which is the promotion of the public good is addressed here with new housing stock that responds to demand. And if we look at some of the core indicators of demand for this type of housing product here in New Jersey, some of the key indicators would be the time to sale in terms of all the types of residential submarkets or residential sectors. The townhouse product, the multi-family product is the one that we see quickest in terms of time to sale and the time that it goes up to sale. In terms of its selling price, the multi-family product is going to hold 95 percent of what that asking price is. We don't see that with residential as well. And the absorption rates are extremely high. We're looking at a five percent vacancy rate here in the county which is
really, from a planning standpoint, an indicator of undersupply in terms of this particular product.

Here in Garwood, the housing stock, this type of housing stock is less than one percent of the stock available and your own Master Plan encourages a variety of residential type of housing products. So this, I think, addresses the demand and the undersupply of this type of land use. And, again, I point to that photograph number eight and the success of the Mews product just down the street, less than 700 feet from this particular development.

I also see the advancement of purpose D
which is to encourage development that advances state policies. And here in New Jersey are cornerstone planning document is the state plan and under the state plan this site has been designated as a PA1, planning area number one district, which is the district where the state wants us to redirect the population growth. Again, one of those 250 transit hubs in the state where we want to have a ridership and lessen the reliance on the automobile.

Advancement of state policy has been found to be a special reason under our case law. I also look at purpose $E$ which is to provide for appropriate population densities. Your Master Plan
from 2009 recognizes the importance of density around transit. The state plan encourages higher density around transit hubs as well. The recommended density in the Master Plan for townhouse development is ten dwelling units per acre, we're looking at nine units here on the site that's approximately an acre. So we're meeting the ordinance, $I$ 'm sorry, we're meeting the recommendations under your Master Plan in that regard.

I also look at compliance with your parking requirements. I doubled the parking requirement as an indicator that this is an appropriate density as well.

Importantly, residence population also pulls in wallets and spends money here in town. The Nielsen reports, which is a market study, indicates that approximately $\$ 5000$ per capita are spent in the local environment so we're looking at a substantial amount of annual earnings being put here into the local economy as well.

Purpose $G$ is to provide for a variety of uses in appropriate locations according to the needs of all of New Jersey citizens and here, in Garwood, the good news is people are aging, people are living longer, and the cohort shows that your older
population is stronger than what we see countywide and state-wide as well. And the over 55 cohort is ballooning. In the ten-year span from 1990 to 2000, the 55 and over cohort went from 8.4 percent of the total population to 14.9 percent of the total
population. Today, that baby boomer cohort, that 55 and over, is now 29.5 percent of the total population here in Garwood, compared to the county which is 24 percent or the state which is also at that 24 percent level. So in terms of an age-restricted product, they think that this is proof positive that there is a population here that would certainly be interested in this type of a product. Promotion of senior housing is also a goal under our Municipal Land Use Law as well so that's another purpose of zoning that's advanced.

Lastly, I look at purpose -- I'm
sorry, I got two more. Purpose $H$ to provide for a free-flow of traffic. You just heard Mr. Staigar's testimony about how this is an improvement over existing traffic conditions channelizing that very wide access way and, also, providing a better orientation of the vehicles along the front.

We're looking at the advancement of
purpose I which is the promotion of a desirable,
visual environment. I think that board speaks for itself that this is going to be an attractive development that will certainly not only provide a positive image of the site, but as the community as a whole. Reinvestment indicates confidence in the community and the many amenities that you have here.

Lastly, purpose $M$ is the efficient use of land. Redevelopment of underutilized sites is favored by our state plan. Our state plan favors compact, clustered, walkable developments which is exactly what this would be here. There are economic efficiencies with those shared walls and that all leads to lessening the cost of development which ultimately gets transformed over to the buyer.

Lastly, on the positive side, the site is particularly suited for the use by virtue of its condition; an oversized lot that provides an opportunity for a more cohesive form of development. A unified development. It's a linear piece of property which would mean a road has to punch in and structures have to be associated with it. I think the multi-family product is much more conducive to this type of a linear development.

And then, lastly, again, the site is particularly suitable by virtue of its context within
that magic quarter mile radius that would constitute transit-oriented development. The location at the $T$ intersection and the historic use as a commercial site all make this particularly suitable for transformation to multi-family residential.

On the negative side we counterweigh what we see on the positive side. The negative attributes of the project are very minimal. In terms of public safety, the use creates nothing substantially detrimental to public health, public safety, public welfare. In terms of safety, we're not looking at any substantially dangerous traffic conditions, again, pointing out the improvement to the intersection and, also, the fact that Mr. Staigar testified that the traffic generation would be a wash compared to what we'd see from a single-family standpoint. No substantial detriment from a security standpoint, from a fire safety standpoint, from an emergency access standpoint. No substantial detriment to public health. The use creates no substantial air pollution, water pollutions, solid waste. A lot of these issues will be dealt with at the site plan, but, in particular, the use is not substantially detrimental to the public health. And, of course, public welfare, the so-called nuisance criteria. The
site and the use itself will not generate objectionable glare, objectionable noise, vibrations, odors or the like. Bearing in mind we have a commercial kitchen there right now with the range and with the hood, with the vent and the odors that would be associated with that, that would go away, that vested right would go away as part of this redevelopment proposal.

All the variances can be granted without substantial impairment to your zone plan and ordinance. The site is zoned for development. It is wooded at the back. It's not zoned for a park. I think that's important here. I think it's also important that development on this particular piece of property is inevitable. There's a resolution that I saw for a development of single-family on this particular piece of property. So something is going here and I think this is a better zoning alternative than what $I$ saw in that resolution as a single-family development. Multi-family development is certainly much more compact. It has, what I would call, a better defined edge then we see in the single-family product. And what I mean by that is you're dealing with an association that will control the limits of disturbance that are associated with this site and we
won't get that what I'll call creep that would be associated with a single-family development. You build a house, you get the pool, you get the trampoline, you get the fire pit, the grill, all these things start to add on, these accessory uses, that you don't see with the traditional townhouse-type development. Generally, less controlled than we would see in a multi-family environment, certainly controlled by the association.

So the benefit then of this residential land use is that it takes what $I$ call the unknown out of the equation. What the public sees in the plans that have been provided before you is what the public gets. You're not necessarily sure what you're going to get with single-family development except for what you see cutup in the terms of the subdivision lines. The Medici reconciliation, that's a requirement when we're dealing with a use variance and the fact that the zoning ordinance recognizes development on this site or recognizes single-family development, $I$ think the reconciliation here can be based on the fact that this Board has a lot more information before it than the governing body did when it rendered this site for single-family use. When we carve out zones in our Master Plans and in our zoning
ordinances, we generally do that in broad strokes and planners recognize that we can't capture everything. We can't catch everything. And I think this site is a classic textbook case of not being able to catch everything. It's a large site and certainly appropriate to multi-family development. We're not looking to change the whole RA zone. This is a very small portion of the RA zone, it's a very unique piece of property and in that regard $I$ think we can conclude from a planning standpoint that a use variance here would not be tantamount to a rezone that only the governing body can do.

That's the use variance. I think the weight is clearly on the positive side, very little on the negative side. Interrelated with that, the density relief, the core question is not the use per se, but whether the site can accommodate that density. Parking is a key indicator of whether a site can accommodate density and we have more than double here. So in that regard I believe we're also consistent with the Master Plan intent and recommendation for townhouses at ten dwelling units per acre. So density runs or is inherent to the nature of the use that's proposed here.

Interrelated, as I said, floor area,
we're looking for approximately 28,000 square feet in floor area in aggregate, but each one of those units are only 3000 square feet less than the 3500 threshold for a single-family use.

The last part of the test looks at the height relief and I think all the aspects of height relief are met as well. The fact that we do have a zoning ordinance that would allow for 35 feet in redevelopment zone. None of the purposes of height control are violated. The added height is not triggering additional population, additional density. Added height is not giving one property owner another height advantage over another property owner. The added height here is not blocking any scenic views. It doesn't create any negative runoff effect and landscaping can be pulled in to soften the mass of the building and mitigate any visual effect associated with that additional roof line.

The roof line, as proposed, actually creates a very nice balance product here. I think the benefit of that added five feet outweighs any detriment that would be associated with it. Co-mingled with that is the story relief and the fact that with all the in's and out's of this building, all the articulation, it's not going to look like a
massive structure, it's certainly not going to look like a mid-rise structure which I think is what the ordinance was looking to control.

That covers all the variance proofs and, in conclusion, $I$ think this is, simply put, a very positive, attractive investment in your community. The overall project is consistent with positive planning principles for orderly growth, community development. The statutory test for use are met under the Medici standard; for density under the Grub standard; for height under the Grasso standard and for floor area under what we would call the Randolph Town Square standard. From a professional planning standpoint, approval is warranted for all the reasons that I've given.

MR. HEHL: Thank you very much, Mr. McDonough. I have no further questions at this time.

MR. FRASER:I didn't hear a lot of questions, Mr. Hehl.

MR. HEHL: I did start him out with --

CHAIRPERSON VILLAGGIOI didn't
hear one question.
MR. FRASER:I heard one; what do

McDonough - Direct
you have to say, Mr. McDonough.
CHAIRPERSON VILLAGGIOMr.
Paterson.
BOARD MEMBER PATERSON I didn't
hear any negatives. Was there a negative in there?
MR. FRASER:He said basically
there none.
THE WITNESS:Nothing
substantial. Any development is going to have some sort of impact, but in terms of the criteria that we have to hit, the safety criteria, the health, the welfare. It's certainly not undermining the integrity of the ordinance for the reasons that I've.

BOARD MEMBER MCCARRICKI have a question, Kathy.

CHAIRPERSON VILLAGGIO Go ahead.
BOARD MEMBER MCCARRICKCan you
tell me the usable acreage on the property?
THE WITNESS:That may be more or
less an engineering question. I know the back third of the property is constrained by environmental constraints. I can get that number for you. I don't have it.

BOARD MEMBER MCCARRICKYOu
spoke about density. Would you say the limit of
disturbance which is .77 acres would be the usable portion?

THE WITNESS:It could well be, yes.

BOARD MEMBER MCCARRICKSo if you put nine units on that, you're actually at about a density of 12 units an acre?
the witness:Yes. But the definition of density under our Municipal Land Use Law is based on gross land area, so we look at the big picture. Density is dwelling units per gross acre. MR. VINEGRA:That's true,

Craig. Based on an analysis of home builders laws and litigation about twenty years ago, when you calculate density you calculate the whole density.

BOARD MEMBER MCCARRICK:
Wetlands, everything included?
MR. VINEGRA:Yeah, because what
is happening, twenty years ago towns were making buffers, municipal buffers, that made the parcels smaller and smaller and smaller. So the Courts came out and said you have to include the entire density. When you calculate density you include the entire site.

BOARD MEMBER MCCARRICK Sure.

Okay.
CHAIRPERSON VILLAGGIODoes
anybody else have a question?
MR. JANNOTTI:I have a question.
I'm not a wetlands expert at all and I just wanted --
I note it's there and there are barriers that I see and some protection or whatever and I just wanted to be sure what's in the plans that's going to ensure that the wetlands are protected?

THE WITNESS:Typically, the
state regulation will require that they're deed redirected; that that is a deed restriction on the property and that's something that has to go in as part, part of the contract.

MR. VINEGRA:To further answer
that again because I'm a surveyor also, the DEP requires when you do the proposed technically a buffer averaging plan, once that boundary line is set it has to be demarcated in the field and it has to be marked now, so they ask you to mark it like a surveyor demarcation for the buffer. So you can't build up to a wetland, you have to buffer it about 50 feet and that buffer has to be natural vegetation that you're not supposed to mow it, it's supposed to be a natural buffer of non wetlands before the wetlands and that's
about 50 feet deep.
MR. JANNOTTI:And you're
satisfied --
MR. VINEGRA:Yeah, that was already approved by another, yeah, and the DEP has already adopted it. I think they're seeking in the future if they come back to do a proposed buffer averaging, they'd have to go back down to DEP, get an approval for that buffer averaging and then part of the permit with DEP, we would get a copy which say they would have to demarcate that in the field. They just can't go there and put -- you can't put a jungle gym in there, so.

MR. JANNOTTI:Okay.
CHAIRPERSON VILLAGGIOAnybody
else?
BOARD MEMBER PATERSONYeah.
Unfortunately, you did give us this Bing layout and you were talking about where you wanted to compare massive structures in the very beginning when you started introducing this. You know, it would have been nice if you actually put the mass of that townhouse setup on the layout. I mean I just hand-sketched something similar and I'll tell you that would be a big negative is that the mass does not fit
into this neighborhood at all, not even close. It's just --

THE WITNESS:Bear in mind, if we were to strike a line of single-family houses along the development as well, I'll go back to Mr. Quinn's site plan, this is where the single-family dwellings would manifest. You would have a roadway and we'd have a massive structure as well. Maybe not interconnected, but this certainly would be a continuous mass along that back portion of the property as well.

BOARD MEMBER PATERSONYeah,
that goes back to actually a comment that you made where it was the governing body that agreed to three single-family homes.

THE WITNESS:I didn't say that.
CHAIRPERSON VILLAGGIO He did
not say that. The Planning Board --
BOARD MEMBER PATERSON Yeah, but
the Planning Board -- right.
CHAIRPERSON VILLAGGIOIt was
just a proposal back a couple of years ago.
BOARD MEMBER PATERSON That was
to, at least, have developers interested in the land.
CHAIRPERSON VILLAGGIOIt would

McDonough - Direct
give the owner of the property the ability to whatever.

MR. FRASER:What's the question,
Bruce?
CHAIRPERSON VILLAGGIO The
question is to the witness.
BOARD MEMBER PATERSONI guess
the question is how did it go from the three houses to the nine townhouses?

MR. FRASER: Because this is the
application. The Applicant is putting forth this application for a use variance to build this development.

BOARD MEMBER PATERSON But it's just that we deemed that it would be nice to see three homes.

MR. FRASER:But that's why they need the variance. They need a variance because the ordinance does not permit this, so that they're requesting a variance.

BOARD MEMBER PATERSON That
makes perfect sense, that they're here for a variance.
MR. FRASER:That's what we do as
a Planning Board.
MR. PATERSON:Sometimes.

CHAIRPERSON VILLAGGIO Anybody
else have any further questions for this witness?
MR. FRASER:Bruce, that's what
we do as a Planning Board, we consider the application as they come before us.

BOARD MEMBER PATERSONYes, I agree.

CHAIRPERSON VILLAGGIOWe're
done up here. If there is no further questions from members of the Board, now I'll open it up for any other questions of the public to this witness.

MR. DUGERT:Dave Dugert.
D-U-G-E-R-T. Will this structure, as beautiful as it is, gonna bring down our, the property value in our neighborhood? Because our houses are about 50, 60, maybe 70 years-old and we're concerned -- well, I'm concerned if I want to sell my house who wants to buy that old, crappy thing with that nice, new structure down there. The would be a negative to me and other owners in our area.

THE WITNESS:Your Own Master
Plan here talks about development around you. First of all let me just say, I'm not a real estate expert, but as from a planning standpoint, typically we see development transit hubs improving property values and
your own Master Plan talks about that as well, about development around transit enhancing property values.

MR. DOUGERT:It's a good thing.
THE WITNESS:Yes.
MR. DOUGERT:And I'm worried about the environment itself with the animals and things that usually roam in this area, where are they going? At this point with the Master Plan where are the animals and critters in that area going?

THE WITNESS:Oh, you mean the displacement of the animals that are on the property now? They will relocate, that's what they do.

CHAIRPERSON VILLAGGIOAny
further questions?
MR. DOUGERT:No, that'S fine. CHAIRPERSON VILLAGGIOIs there
any further questions? Yes.
MS . McCOMB:Lauren McComb. 419
Brookside Place, Cranford. I was just wondering are there any plans to put vegetation around the perimeter of the property so that when we come out of our backyard, we're not staring at nine other families looking at us directly into our backyard from the third floor.

THE WITNESS:The answer is yes.

And, again, $I$ 'm pointing at the site plan. Basically, we put three colors on there; the tan is the building, the gray is the pavement. The green will be wooded by the triangular pit to the right. The balance will be vegetated, yes.

MS. McCOMB:Wooded. So a full barrier because right now it's all woods so you're going to knock down a majority of that to build the structure.

THE WITNESS:I'm not sure where your house is, ma'am.

MR. FRASER:Miss McComb, if you can show us where your house is so we can all understand.

MS. McCOMB:So we're right here so when I come out of my backyard, when I come out of my backyard here, I'm used to seeing all trees, now I'm going to be staring at --

CHAIRPERSON VILLAGGIOYou're
going to see a lot of trees.
MS. McCOMB:No, I know, because I can see my house on that.

MR. FRASER:What she's saying is you're going to see, where you presently see all trees, you're going to see some trees, then a parking
lot, then a building, correct?
MS. McCOMB:If they're going to plant very high trees here, yes, but I mean I don't know how high they're going to go.

MR. FRASER:But I think the first part of the question is if the green part of that, Mr. McDonough, on the easterly side of the proposed project, between the parking lot and the property line is the Applicant proposing to leave the trees that are in that green part or to take them down?

THE WITNESS:To the northern part of the property the answer is the trees will remain. To the eastern portion, to the extent that they can be preserved they will, but in all practical reality, they'll be planted with an evergreen buffer, which is a requirement of the ordinance. So when we get to site plan, we'll deal with that. Again, we do show little circles which will be trees along that border. Bear in mind, of course, there's woodlands at the back of the property as well as on the adjacent --

MS. McCOMB:Yeah, this backs up into my backyard. I'm just asking because I know that you used the rendering number eight on that sheet that we all got.

McDonough - Direct

THE WITNESS:Yes.
MS. McCOMB:So when you look at those town homes that are now on North Avenue, where they backup they backup to those fields and the baseball field, they're all part of one another, so there's trees there, yes, but they're not very high. You can see still see into the second and third floor and when you're walking right below that you can see directly into our property, so it's going to impact our property.

THE WITNESS:The Applicant has given enough of a green belt around the property that we can get a nice screen around the edge.

MS . McCOMB:Okay.
CHAIRPERSON VILLAGGIOIs there
any further questions?
MR. SOUSA: Roger Sousa, S-O-U-S-A, 490 Fourth Avenue, Garwood. Before you said two homes, one on each side you said had no windows?

THE WITNESS:The photo that I showed was a house on this side that had no windows, there's a house on this side that has a long backyard, very long backyard, that's predominately wooded.

MR. SOUSA:And there's no
windows in this house?
THE WITNESS:No, I was talking about this.

MR. SOUSA: So there's four big windows in that house that's going to be viewing the back of one, two, three of these town homes.

THE WITNESS:Yes, that house is
right here. And, as I said, there is going to be a green belt along the property so there will be a buffer.

MR. SOUSA: So from the back of that patio to the driveway line or the property line, how many feet is that?

THE WITNESS:Your ordinance
requirement is ten feet.
MR. SOUSA: From the back of the house or from the back of the patio?

THE WITNESS:A Minimum ten-foot buffer is required along the back perimeter of the property.

MR. SOUSA: Now that's the back of the town home or is that the back of the patio?

THE WITNESS:The back of the
town home will be further away.
MR. SOUSA: So the patio is ten

## McDonough - Direct

feet so it will be about 20 feet?
THE WITNESS:The actual
structure is measuring 20 plus feet to the building.
MR. SOUSA:Alright. And that's
not going to block no views?
THE WITNESS:No scenic views,
no. Again, bear in mind, these three colors here, again, the tan, the dark gray and the green are very similar to the form of development that we would see with single-family housing. Same colors --

MR. SOUSA: Now this very
beautiful, it's very nice, but does that fit on Fourth Avenue? Is that something that belongs on Fourth Avenue I would say because I moved -- I lived in a community just like this, it looked exactly the same. I moved away from that to have the pool, to have the trampoline, to have my kids go to his house or his house or his house to play in their pool or trampoline. I didn't move here basically like to live next to 55 and over which is better than anybody I would say, but $I$ don't think that belongs in this part of the neighborhood, plain and simple. You come around that bend and you're going to have this huge structure.

McDonough - Direct
any questions, questions of the witness?
MR. SOUSA:That was my question about windows and everything else because there are four big windows and he kind of skipped over that when he got to that point.

CHAIRPERSON VILLAGGIO Horace.
MR. CORBIN:I just need the date of this aerial photograph because I see stuff on here that $I$ don't think it exists.

THE WITNESS:Bing photographs
are dated several years; maybe three or four years.
MR. CORBIN:So that's not really representative of the existing condition.

THE WITNESS:From a planning standpoint for my purposes in terms of the form of development --

MR. CORBIN:Well, what about for my purpose and the Board's purpose?

THE WITNESS:I'm the one
testifying.
MR. CORBIN: Have you been there?
THE WITNESS:Multiple times.
MR. LOBE: David Lobe, L-O-B-E,
900 Union Street. The positive factors that you laid out for this parcel to up-zone it, would you say that
those would also apply to the neighboring parcel which has a very similar lot; long and skinny and goes into the back?

THE WITNESS:I'd have to look at the particular attributes of that site. I don't know. There's a distinct difference; this property is presently a commercial piece of property which is clearly in contrast to the neighborhood. The adjoining property is presently residential which is compatible with the neighborhood. That non conforming use that's there now could continue for perpetuity. It's a lawfully protected land use. It can go on and on. I think, again, within the context of the site and its historic use. This is an appropriate rezone of the property. I don't know if I can say that for the property next door, $I$ don't know.

MR. LOBE: Some more questions,
may I continue?
THE WITNESS:Yes.
MR. LOBE: So I've read the
Garwood Master Plan and I know that for a zoning variance the Board has to consider or you have to consider all the factors, the purposes and the intent of the zoning plan. So you talked about how this plan would incorporate, or, sorry, this new construction
would not create undue disruption to the established character of Garwood and considering the neighboring areas don't have any townhouses, single-family homes several blocks around.

THE WITNESS:I'm repeating myself, but $I$ think in the terms of the character and the area of this site, this redevelopment pulls the site more into conformity with the character of the area which is a residential area where we now have a non residential use. So I think that goal does enhance it.

MR. LOBE: What about the goals you've provided affordable housing opportunities for Garwood residents?

THE WITNESS:Okay. Again, the sharing of the walls, the efficiency of the space I think provides for an affordability element as well. We're dealing with a full market here. I was just involved with a low income housing product, this is another type of housing product here. I do believe it met that market demand and create am affordable full market development.

MR. LOBE: Can you talk a little bit about how this would conflict with the zoning in the neighboring communities in Westfield and Cranford?

THE WITNESS:The zoning in the surrounding communities are also residential, single-family residential. Again, we're looking at sort of the hole in the donut; this is an oddball lot right now being non residential so making it residential, $I$ think, pulls it into conformity with those surrounding town zoning.

MR. LOBE: But those towns don't have town homes on the border of Garwood, they have single-family homes.

THE WITNESS:Not all -- they're zoned for single-family, there's woodlands. This property as it shows on my photographs backs up to woodlands.

MR. LOBE: Okay. What about limiting development in environmentally sensitive areas because you'll be building up to the areas of the wetlands.

THE WITNESS:All of that is according to state regulations. We're not asking for any relief from the state regulations that we're not allowed to. We're allowed to buffer average around the wetlands and that's what the Applicant is doing here.

MR. LOBE: Okay. Thank you.

CHAIRPERSON VILLAGGIOAny other
questions for this witness?
MS. BANNICK:Debra Bannick, 421
Fourth Avenue, Garwood. I just have a question. Does anybody know when that piece of property became commercial? I know it was Mr. and Mrs. Heidi's home for years back in the 19, mainly 1900s, and it was always residential and then it did become commercial when she opened the little store there.

THE WITNESS:I know from the
resolution in 2011 it talked about the former use at least 16 years ago it being a deli.

MS . BANNICK:Right.
THE WITNESS:I don't know when
the deli started. I didn't go back in historical --
MS. BANNICK:That's when it
probably became a commercial piece of real estate in the middle of the residential area.

THE WITNESS:At least twenty
years I'd say, yes.
MS. BANNICK:Okay. Thank you.
THE WITNESS:You're welcome.
MR. McCOMB: Joe McComb, 419
Brookside Place, Cranford. M-C-C-O-M-B.
Mr. McDonough, during your
presentation you both did ample time about double use of the parking. I would assume a lot of that is attributed to the fact that you have a garage with two spaces, why the need for that, and that, also, would help alleviate the height restriction. If you rid yourself of the garages, you still have parking in front. You need a road to get in, you're not going to have people drive on the lawn so any thought about that.

THE WITNESS:Well, the garage becomes an amenity for this type of, again, we're talking about a high end housing product. We some weather protection for the vehicles, for the drivers. It's something that goes with this time of product.

CHAIRPERSON VILLAGGIOAny other questions?

MS . McCOMB:Lauren McComb. 414
Brookside Place. M-c-C-O-M-B.
Are there any lights planning, like planning for landscape lights that are high?

THE WITNESS:We'll come back to that on site plan.

MS . McCOMB:Okay. Sorry.
That's not yet. Okay.
THE WITNESS:TO ensure that the
lights are shielded, they don't cast glare on the neighboring properties.

MS . McCOMB:Okay.
CHAIRPERSON VILLAGGIOAny
further questions from the audience, from the public to this witness? Seeing none, this portion is now closed.

MR. HEHL: We have no further witnesses at this time. Again, all of our witnesses that have testified so far are available for further questions from the Board.

MR. FRASER:At this time,
members of the public who wish to testify or provide argument either in favor of or opposed to the application or comments about the application are welcome to do so. You're not limited to questions now. Anybody from the public who wants to speak.

CHAIRPERSON VILLAGGIOIleen.
MS. CUCCARO:Ileen Cuccaro. 348 Third Avenue. This property, I guess, for the last almost twenty years --

MR. FRASER:Ileen, are you going to provide testimony? I have a feeling you're going to be providing testimony.

I LEEEN CUC C A R O, residing at 348 Third Avenue, Garwood, New Jersey, being first duly sworn, testified as follows:

MR. FRASER:Spell your last name
for the Reporter.
MS . CUCCARO:C-U-C-C-A-R-O. For the past twenty years $I$ have been trying to sell this property without much success and, finally, before it was purchased, they got a three-house subdivision which $I$ really felt would really enhance the property values around where we live which was a good thing and then all of a sudden this came up. I just don't understand why it was changed from a three-family, you know, three single-family homes to a big, huge property that does not fit in within the landscape of our neighborhood at all, number one.

The traffic studies, they can make all kinds of testimony about how it does not impact, the Shop Rite traffic study did not impact, the strip mall did not impact, the Pointe did not impact, in the meantime you can barely pull out on Walnut Avenue from Third Avenue. Fourth Avenue the traffic goes from Fourth Avenue out past the light, up North Avenue all the way from Westfield into Cranford. So the traffic studies to me are meaningless.

But the main thing is Garwood redid the

Master Plan and changed a lot of the single-family streets to multi-family streets into single-family which was what the town wants. Now you're asking it to be reverted for this one specific piece of property when the rest of the whole area is residential. I feel like that's going against what the town just did with the Master Plan. And I really, I just, I really can't see how it's going to enhance the neighborhood at all.

Now like $I$ said, no negative impact for traffic studies. Doesn't happen, you know, it just doesn't. So $I$ just don't think that it will enhance where we're at. And if the Master Plan was just changed to get rid of the multi-family streets and this just counteracts what they voted on two years ago or whenever the Master Plan was changed. That's pretty much all $I$ have to say on that.

CHAIRPERSON VILLAGGIOThank you.

MR. FRASER:Mr. Hehl, do you
have any questions?
MR. HEHL: I have no questions.
CHAIRPERSON VILLAGGIOIs there
any other comments or testimony?
MS. McCOMB:Yes.
(1)

LA U R E N Mc C O M B, residing at 419 Brookside Place, Cranford, New Jersey, being first duly sworn, testified as follows:

MS. McCOMB:I'm just very
concerned that, you know, something that we have sacrificed living on Brookside Place in Cranford is we know our street whether or not it's 25 miles per hour it's like a highway, people are sipping in and out. Every time $I$ pull in and out of my driveway $I$ have two kids in the car and it's not a very safe turn.

However, the one thing that we do love is that our backyard backs up to woods and a basin and, you know, there's kids playing back there all the time, ice skating and playing like with the paint balls and stuff, so when we're coming out of our backyards that we have tried to make beautiful for our own living arrangements because our front yard is terrible, $I$ am very concerned that we're going to lose a lot of the privacy, we're going to lose a lot of the homey feel that we have and it's going to be knocked down by a huge structure. It is beautiful, I'm not saying that it's not beautiful, $I$ just don't think that it belongs in the area that it is proposed to be placed. That's it.

CHAIRPERSON VILLAGGIOThank
you.

MR. FRASER:Mr. Hehl, any questions? no. any others? Okay.

D A V I D L O B E, residing at 900 Union Street, Westfield, New Jersey, being first duly sworn, testified as follows:

MR. LOBE: I think if this
variance is approved the Board would have a hard time turning down and requesting for a variance on an adjacent property that has a similar layout, maybe not exactly the same, but a similar layout or similar variances in adjoining or neighboring parcels. I think this would set the Board on a slippery slope towards really fundamentally changing the character of the neighborhood and I think the proposed plan does not conform with the neighborhood at all. So I would caution the Board to think carefully about the implications of approving this variance.

MR. FRASER:Mr. Hehl?
MR. HEHL: No questions.
CHAIRPERSON VILLAGGIO Horace.

HORACE CORBMN, 430 Union Street, Westfield, New Jersey, being first duly sworn, testified as follows:

MR. CORBIN:Are we going to have a chance to testify in the future on this issue?

MR. FRASER: Not on the use
variance.
CHAIRPERSON VILLAGGIO Not on
the use variance.
MR. FRASER:This is the hearing on the use variance. In the event that the use variance is denied, this is over. In the event that the use variance were to be granted, there will subsequently be a future hearing on the specifics of the site plan.

MR. CORBIN: So this is all or nothing right now?

MR. FRASER:If you want to
oppose that there is going to be nine townhouses, now's the time.

MR. CORBIN:I have photographs that show that the aerial photograph that Mr. So and So said is what existed indeed does not.

MR. FRASER:Do you wish to put those photographs into evidence?

MR. CORBIN:I do, since this is
my last chance. And it shows that whole area back there has been clear-cut all the way back to the creek and it's a mud hole, so.

MR. FRASER:Could I make a
suggestion?
MR. CORBIN: Yes.
MR. FRASER: How many photographs
do you have that you wish to put into evidence?
MR. CORBIN: Seven.
MR. FRASER:Why don't we mark
those. Give them to Adele and we'll mark them. Your last name, sir?

MR. CORBIN:Corbin.
MR. FRASER:We'll mark them
Corbin one through seven.
BOARD MEMBER TARANTINOI think
we should also know the date of these photos.
MR. FRASER:I'll ask him. Mark
them Corbin one through seven.
Mr. Corbin, why don't we lay a
foundation for the photographs. Did you personally take the photographs?

MR. CORBIN:I did or my son did.
MR. FRASER: When were the
photographs taken?

MR. CORBIN:Over the Memorial Day weekend and today.

MR. FRASER:So within the last
week --
MR. CORBIN:Correct.
MR. FRASER:- either you or your son took the seven photographs.

MR. CORBIN:That's correct.
Took a lot more, but this is all I brought with me.
MR. FRASER:And the seven
photographs that you took or your son took that you're handing to Adele which are being marked into evidence or momentarily going into evidence, do they accurately reflect the condition of the property in question as it sits today?

MR. CORBIN:It's hard to tell
what the property actually is, the property line back there, and I don't have direct access to it. So I'm not exactly sure where the property line is that was discussed here versus what the adjacent property is. So I can't say that I know exactly where the property line is.

MR. FRASER:Well, the question is are these the pictures, and for them to go into evidence I think we need to know, are these pictures
that you're putting in pictures of the Applicant's property. Because if they are --

MR. CORBIN:They are at least in
the background and maybe in the foreground, but $I$ don't know exactly where the property line is.

MR. FRASER:Alright.
CHAIRPERSON VILLAGGIOCan I ask
where did you take these pictures from?
MR. CORBIN:From my property
which is adjacent.
CHAIRPERSON VILLAGGIO Which
it's my understanding is you live at the last house --
MR. CORBIN: Right on the creek.
CHAIRPERSON VILLAGGIO:- on
Union Street; is that correct?
MR. CORBIN: Yes.
BOARD MEMBER PATERSON Right
next to the dotted line.
MR. CORBIN: What I'm trying to show with these photographs is that all this wooded area that's shown on that aerial photograph doesn't exist, it's been clear-cut all the way back to the creek.

MR. FRASER:Now hold on, just
hold on.
(Photographs are received and marked Corbin-1 through Corbin-7 in evidence.)

MR. CORBIN:And that's what these photographs show.

MR. FRASER:I understand that part, but the question would be the part that you claim is clear-cut, is it on the Applicant's property or is it not on the Applicant's property.

MR. CORBIN:I can't tell and I asked the engineer that today and he said what he showed on his drawings the trees were there. I can't tell from the actual visual whether that's true or not, that's point one. The other point is all the water that's going to runoff from the proposed development is going to go right to the mud hole that exists there now because all this is clear-cut and then it goes right into all the properties over there. And, by the way, cutting all these wetlands is illegal so $I$ don't know who actually did it.

MR. FRASER:Alright. Do you have anything further?

MR. CORBIN:I don't believe that there's any way they can get any of the water and everything else that happens from this property. If you recall $I$ asked the other guy where does water go
and he says it goes into a holding pit and then $I$ said then what, there was no answer. And $I$ have to say I'm you also an engineer, if that water is going to go anywhere, it's going to go down toward that creek and right through the mud hole and guess what, right through the wetlands which they say they're not going to touch. So you have some serious problems here.

MR. FRASER:Alright. Anything
further?
MR. CORBIN:I'm done before I
get too mad.
CHAIRPERSON VILLAGGIOMr. Hehl.
MR. HEHL: I just have a couple
of questions. I'd like you to take a look at Corbin-1 in this area which appears to be, I'm not sure what that purple is. Do you know where that is a picture of?

MR. CORBIN: Yes.
MR. HEHL: Do you know who's
property that is?
MR. CORBIN:I'll show you where it is on this -- on these other photographs.

MR. HEHL: I'm just asking you to look at Corbin-1, do you have any idea where that is, whether it's the Applicant's property or the
adjacent --
MR. CORBIN:How about this.
MR. HEHL:It's a simple
question.
MR. CORBIN:It's right there.
You tell me where the property line is.
MR. HEHL:If you're pointing to there, you're pointing to property that is not on the Applicant's property.

MR. CORBIN: Okay. So you're saying it's not on the Applicant's property, where is the Applicant's property here?

MR. HEHL: I don't know, I'm asking you, you're the one who took --

MR. FRASER:ExCuse me. Excuse
me. We're not going to do this.
MR. CORBIN:Well, he's asking me specific questions and he won't answer any.

MR. FRASER:Okay, and that'
correct, because right now, Mr. Corbin, you're the witness and he's the attorney cross-examining you. So right now, with all due respect, the way it works you don't get to ask him questions, he gets to question you on testimony you just gave. And it's a legitimate question where, if you know, was the area --

MR. CORBIN:Well, give me copy of the engineering drawings that are going to be produced on this and I'll show you exactly where it is. But without any of the engineering drawings and without any elevations or anything else, I'm only guessing with pictures on the wall and attorneys on the table.

MR. FRASER:So the answer is you're guessing or you're not positive?

MR. CORBIN:NO, I am showing you the photographs in my backyard and exactly where the property line is $I$ don't know.

CHAIRPERSON VILLAGGIOAnd that's okay.

MR. FRASER!I don't know" is an okay answer.

CHAIRPERSON VILLAGGIO Because we're not sure, you know, because you're testifying that this application --

MR. FRASER:So that the record is clear, the response to Mr . Hehl's question as to on who's property is reflected on Corbin-1 the answer is that you don't know.

MR. CORBIN:That would be fair.
MR. FRASER:That's a legitimate
answer. Next question, Mr. Hehl.
MR. HEHL: And would that be the
same answer to question --
MR. CORBIN:For every one of
those photographs.
MR. HEHL:Okay. Fine.
MR. FRASER:Anything further,
Mr. Hehl?
MR. HEHL: I have nothing
further. Thank you.
MR. CORBIN:You're welcome.
MR. FRASER:They're going to go
into evidence. They go to Adele.
Does any other member of the
public wish to provide testimony either positive or negatively on the application or argument.

MR. DEL CONTE:Al DelConte, 545
Locust Avenue, Garwood. D-E-L capital C-O-N-T-E.

A L D E L C O N T E, residing at 545 Locust Avenue, Garwood, New Jersey, being first duly sworn, testified as follows:

MR. DEL CONTE:I think this project here is beautiful. Whether it fits in the neighborhood or not is a little bit better than what's there right now. I know in the past $I$ believe it was
somebody had come in front of the Board to do five homes and then walked away from it. You changed it to the three homes and it's been that way now for a few years. The real estate market has picked, builders are building all over. Nobody is biting on this piece of property. The Applicant has done a couple of projects in town already, very nice $I$ must say they turned out to be. He's going to move forward hopefully with this and it will be a beautiful project when it's finished. If this is knocked down $I$ guess we could have a deli open back up over there again, maybe a little bit more traffic like a 7 Eleven or Quick Chek you can have back there again. If there's anybody here who remembers when it used to be Heidi's when it was open. Maybe if it's not a deli -- we all kind of know what happened to us or some of us might know what happened to us over on the St. Ann's property where it became senior citizens housing. And if you want to talk about overpopulation density, you probably will get something that's two times, maybe three times larger than what you're looking at right here and it's not going to look anything like this. Or I think maybe we could get affordable housing that could get thrown in there and then $I$ think that becomes like more controlled of what the state says
that gets done there rather than what this Board can say that can be put there. Now it's not in Garwood, but it's in Westfield, it borders Spruce Avenue and Myrtle, they're putting affordable housing in down there. The site is wetlands. The neighbors have complained about water runoff and they met all the requirements, but there's many, many units going in there. For the density it's way over the top. Here, again, $I$ think this is a nice project for the town.

To move forward with, I'd like to see it be approved, hopefully tonight, so we're not dragged on like we have been on previous meetings. And you all see me, $I$ usually sit here and mind my own business, but $I$ think tonight it was something that needed to be brought up that $I$ hope and $I$ know that the Board realizes what they're up against, what could go there. I don't know that the public really knows what could go there if this gets denied. I look forward to an approval here tonight hopefully. Thank you.

MR. FRASER:I'm sure, Mr. Hehl, you don't want to cross-examine.

MR. HEHL: NO.
CHAIRPERSON VILLAGGIOIs there any other member of the public that wishes to testify?

MS. CUCCARO:Just on your case, I mean the property is purchased and three homes are approved to go on there, so that's what's already approve. What else could go on there if that's already approved currently.

MR. DEL CONTE:I agree with you, yes, but you're a real estate agent.

MS. CUCCARO:Correct.
MR. DEL CONTE:You see builders.
MR. FRASER:The purpose of
providing testimony is not to provide an opportunity --

MS. CUCCARO:Because I just wanted to make sure that they understand. They can assume that there was nothing approved there yet or anything else could go there so $I$ just wanted to make sure that the people understood that.

MR. FRASER:The point is that ever member of the public has the opportunity to provide their testimony of their opinions about this, it's not designed to provide a forum for one --

MS. CUCCARO:NO, I understand that, but some people may not know that it's already been purchased and there's already been an approval, that's all $I$ was trying to clarify. That's it.

MR. FRASER:Very well.
MS. CUCCARO:I'm done.
CHAIRPERSON VILLAGGIO Okay. Is there any other member of the public that wishes to have testimony? Sir.

MR. FRASER:We do have a bylaw of the Board. The hearing closes at 11 o'clock. So I'm not going to suggest that you should be cutoff. I'm going to make a suggestion because what we keep doing is we keep being redundant and then there's one more hand and that's fine. Could we just get a show of hands of how many more people wish to comment on this application so that the Board can make an intelligent decision as to what we're going to do in terms of time. How many more people after this gentleman want to make a statement or testimony?

MR. UZARSKI:John Uzarski. 415 Union Street.

J O H N U Z A R S K I, residing at 415 Union Street, being first duly sworn, testified as follows:

MR. UZARSKI:If this gets
denied, what will happen to the property?
MR. FRASER:That's not really
testimony, but I'll answer it anyway. The answer is they don't have approval for this. If there's an
approval for three single-family houses, $I$ guess somebody could build that or they can come back with some other application to do something else at some point in the future.

MR. UZARSKI:And you guys make
the final decision?
MR. FRASER:Depending on what it is.

MR. HEHL: Other than again, if there is a preexisting commercial use --

MR. FRASER:Nobody has to do anything, it could stay as it is or there could be some other application.

Is there anybody else now from the public who wants to still have a say on this.

BOARD MEMBER MCCARRICKI just
have a question, $I$ guess it's more of a legal question.

MR. FRASER:Then $I$ would suggest that you consult your lawyer.

BOARD MEMBER MCCARRICKWhat
determines the current use of the building because it was partial residential and partial commercial, does the commercial supersede by law, is that why we're -MR. FRASER:I'll answer it
partially, okay. It's in a single-family zone, right. However, the commercial use is what we call a preexisting non conforming use, in other words, it's there long enough and it may have predated the zoning ordinance, there may have been a variance dozens of years ago, but the point is if it's there long enough, in layperson's terms, it might be grandfathered and that gets to stay. And even though it's in a single-family zone, that commercial use is legal. And if this doesn't get approved, as Mr. Hehl was just pointing out, the commercial use can continue and that's one of the things that Mr. McDonough was arguing. Does that answer your question?

BOARD MEMBER MCCARRICKYes.
Thank you. Alright.
CHAIRPERSON VILLAGGIOCan I say
that this portion of the meeting has been closed?
MR. FRASER:The public portion
is closed. Now we have a decision to make.
Ordinarily, the Board would now -- Mr. Hehl, are you summing up further or are you done?

MR. HEHL: Very briefly.
MR. FRASER:You still have the
right to sum up. As soon as Mr. Hehl's sums up, the Board will take it under advisement, the Board will
discuss amongst itself and the Board will make its vote. So the question is it's 11 o'clock. The Board's rule is we don't go past 11 o'clock unless we want to change that. I'll make one other observation -- you know, what I'm not going to.

CHAIRPERSON VILLAGGIOSo we would need a motion to extend the time of the meeting; a motion and a second to exceed the time limit of 11 o'clock.

MR. FRASER:Right.
BOARD MEMBER VENA Madam Chair,
I've been sitting on this Board a long time and we visited the Heidi properties a long time and we've spent a lot of hours on it so $I$ would like to get the Heidi properties behind us tonight. So I would make a motion.

BOARD MEMBER TARANTINOAnd I
would second that.
BOARD MEMBER VENA :I would make a motion that we stay as long as it takes to complete this application.

MR. FRASER:Well, not as long as it takes.

BOARD MEMBER VENA :It's not
going to take that long.
(1)
(2)
(3)
(4)
(5)
(6)

CHAIRPERSON VILLAGGIOWe have a
motion. We have a second. Adele, take a roll call.
BOARD SECRETARY LEWIS Bruce
Paterson?

BOARD MEMBER PATERSONYes, to
extend the hour.

Jannotti?

MacIndoe?
BOARD SECRETARY LEWIS Gene

MR. JANNOTTI:Yes.
BOARD SECRETARY LEWIS Georgia

BOARD MEMBER MacINDOEYes.
BOARD SECRETARY LEWIS Kathy
Villaggio?

Scherer?
CHAIRPERSON VILLAGGIOYes.

BOARD SECRETARY LEWIS Robert

BOARD MEMBER SCHERERYes.
BOARD SECRETARY LEWISMichael
Vena?
BOARD MEMBER VENA :Yes.
BOARD SECRETARY LEWISTimmy

Hak?
BOARD MEMBER HAK:Yes.
CHAIRPERSON VILLAGGIOMotion

JerseyShore Reporting, LLC
carried. Mr. Hehl, you can do your summation.
MR. HEHL:Yes. And I will, in
view of the hour and the testimony, I'll be very brief. I don't think $I$ can sum it up any better than the testimony of the witnesses that testified here this evening on our behalf, Mr. Quinn. And we recognize, again, we are here on a bifurcated basis so we would, this Board so kind as to grant this application, we're going to be back and we're going to address issues of drainage, of lighting of further -we've already committed to meet with the fire department, with our architect to address any issues there to meet with your police department and our traffic engineer and our site engineer and Mr. Vinegra to address any questions with respect to traffic safety and ingress/egress on the site.

And, again, we're here on a bifurcated basis. I think we've established the proofs for the grant of this variance. It's a beautiful structure that's proposed here. There's going to be extensive landscaping and buffering. There's going to be safety improvements. We're eliminating the non conforming commercial use. The property has sat vacant for many years in that rear portion, but we are going to honor the buffering and the wetlands that are in place there
and comply with the state regulations.
So I think for all of the reasons and the reasons that Mr. McDonough highlighted and both the positive criteria and negative criteria and the need for this type of housing, the concession of the Applicant that it would be an age-restricted 55 and over, $I$ think for all of those reasons that we would request that the Board grant, again, the bifurcated application which would be the use variance and the associated variances and that we come back here before this Board so this beautiful project can proceed at site plan approval. So thank you very much.

CHAIRPERSON VILLAGGIOOkay.
Thank you, Mr. Hehl. Members of the Board, do you have any comments?

BOARD MEMBER PATERSON I'll
comment.
CHAIRPERSON VILLAGGIOOkay.
Mr. Paterson.
BOARD MEMBER PATERSON I
understand that this property and the hardship due to the size and Mike Vena is right. I mean the Heidi property came in front of the Board many times, $I$ was a resident most of the time, but it seemed like we were moving forward. When Sandy came in and, you
know, she wanted to know what exactly we could do with the property so she could sell it because, obviously, she wanted to sell it and the Board kind of agreed with three homes. There was a flag lot for the third house, but we kind of have had a direction going on that and now we're looking at a very massive structure much like previously came in front of the Board many times. Like Mike said --

CHAIRPERSON VILLAGGIOBut those
were a lot more denser --
BOARD MEMBER PATERSON Well, and
you're looking at a three-story building, and many three-story buildings. And the trick here is I mean -- maybe two blocks away John Monna came with a home that he wanted similar and it was knocked down, you know, that three-story was incorrect. Not to mention other names, but $I$ thought three-story buildings were not really acceptable in Garwood.

I understand, you know, the townhouse ordinance and to me it seems like townhouses, you know, the higher density side-by-side townhouses really should be within the main roads or maybe a block away, but stuck in the back of a small, quaint neighborhood, some of the residents did say, it doesn't fit in there. I tend to agree. I understand
the property shape, you know, not conducive to proper development.

I don't know if Mr. Villaruat actually owns the property outright. If he did, I mean $I$ would be maybe more conducive in thinking of trying to, you know, validate some of his project that he would like. I mean to me it just seems too big the ten yards -the ten-foot backyard is a major issue.

At this point, you know, $I$ don't, $I$ can't accept it the way it is. It's unfortunate, like Mike said, you know, the Heidi property came in front so many, so many times and I would like to see this get resolved. But just for me, just voting yes to at least make it go away --

MR. FRASER:Mr. Paterson, you
said you don't know if Mr. Villaruat owns the property, it's right in the application.

BOARD MEMBER PATERSONIS it
really?
CHAIRPERSON VILLAGGIOThe
application says it.
BOARD MEMBER PATERSONIt's so
much paperwork.
MR. FRASER:He owns it.
BOARD MEMBER PATERSON I'm going
to suggest possibly if he comes back with something better. You know, maybe not the three homes, but something in between let's say then maybe $I$ would vote yes. At this point $I$ can't see it.

CHAIRPERSON VILLAGGIOThank you
very much for your comments. I've been on this Planning Board for twenty years maybe, as a regular member, as a Zoning Board member, as an elected official person up here and now I'm back again. I've seen applications come in here with 18, 19, 22 apartments, you know, different sections of the property itself. Having where it would be hard for a fire engine to even back into a spot, you know, or even go in there $I$ feel that what we have here is something that's going to be done smart. It will look nice. Not just nice, it will look great. But I think that it has met the burden of use and $I$ am going to vote for it. Thank you. Any other comments?

BOARD MEMBER MacINDOE I came
here tonight and after reading everything, you know, I thought it was not going to be a good place and wouldn't fit in the neighbor, but then $I$ heard about the quality of the materials they're using I changed my mind. I'll also vote for it.

CHAIRPERSON VILLAGGIOAlright.

Thank you.
BOARD MEMBER HAK:I'm Of two
minds. I heard the people who live around there and their proofs made some very good points. I also recognize that when someone wants to spend money to develop it, you know, they're putting themselves out there and it's going to cost them a lot of money to do so and they kind of have the right to make money doing such a project. As much as this small community is concerned, but it's an odd-shaped piece of property and $I$ think what could go in there could be the wrong thing and this seems to me done correctly with the Counsel's advice and, you know, it could be the best way to handle this situation. So I'm going to vote yes on this.

CHAIRPERSON VILLAGGIOMr.
Scherer, $I$ haven't heard from you at all today.
BOARD MEMBER SCHERERI'm going to stick to my old resolution for the three houses. We spent a long time on that.

CHAIRPERSON VILLAGGIODO YOu have any comments?

BOARD MEMBER TARANTINOI would say with my architectural planning and construction experience, $I$ think this is the appropriate project
for the odd shape piece of property. I hope residents understand that what you're going to perceive from Fourth Avenue is the end elevation. The architecture of this mass is going to make it much smaller than $I$ think what people are going to, what they experience from reading the drawings. And if $I$ had the opportunity tonight, $I$ would vote yes for this project.

CHAIRPERSON VILLAGGIOThank you very much, Paul. Gene.

MR. JANNOTTI:Well, it's an interesting thing. I'm probably one of the newest members on the Planning Board and $I$ spend a lot of time listening to the other more experience Planning Board members and listening to the audience and listening to the testimony, as $I$ look at this and $I$ go back to maybe the three houses, but if $I$ look at the drawing and $I$ see a house here and if $I$ were to put like three homes back in here, even if you took the smaller, little smaller one's, I'm just not visualizing how that would actually fit. And so I look at this drawing and $I$ look at what's here and I think, as you said, what you're going to see from the street or from Walnut Street is the end of the building and it's not like that one drawing where
there was on North Avenue where they're all right on the street. And $I$ look at the shape of this building and my main concern is the wetlands, but $I$ think the testimony is that they would conform to all of the legal requirements to guarantee that the wetlands are protected. That is probably the most important thing to me besides the character of the neighborhood.

So based on the testimony that that is going to be satisfied, then I'm looking at, well, I think that this is a worthy project and one that $I$ would, at this point, have to, $I$ would go along with, so.

CHAIRPERSON VILLAGGIOMr.
McCarrick, would you like to make a comment.
BOARD MEMBER MCCARRICK I
recognize that $I$ would be voting on this tonight. If I was, I would say that my major issue with this project is that it's in an RA zone and, Kathy. A lot of the projects that you talked about are in either the central business zone or general business zone. CHAIRPERSON VILLAGGIOThat was proposed here, by the way. What $I$ said before, they were for this property, that's why $I$ mentioned that. BOARD MEMBER MCCARRICK I
thought one that came previously.

## CHAIRPERSON VILLAGGIOIt was

 way back.BOARD MEMBER MCCARRICKI really
feel that it's surrounded by single-family properties and if there is any way possible that it could remain single-family property and a little more green space $I$ think that would be better, but it's just my opinion, so.

CHAIRPERSON VILLAGGIOVic, do
you have anything?
MR. VINEGRA:I'll just go into that the Applicant is proposing 55 and older and that is, you know, that stems from HUD had a law in 1988, fair housing amendments and then that was revised in 1995. What all that said was that someone in the home had to be 55. That's 80 percent. It's actually the first time where HUD acknowledged you can have discrimination in housing. It's age discrimination that you can't have anyone younger. So someone has to be 55 an older within the home, no children of school age can be in the home, but there can be caregivers and the like, but they can't be of school age, below 17. But twenty percent of the units by federal law can be less than 55.
And so the federal law came out, the
federal government came out and set standards in 1995 saying that to discriminate 80 percent had to be. So 55, that doesn't mean that the ownership has to be it, it means you can buy one for your parent and your parent can live there, but that parent has to be 55 years-old. And $I$ agree with some of the testimony earlier with Mr. Staigar with traffic, that it's a far less trip generation because you don't have school-age children or you don't have -- people who could buy a home, will buy a home. You don't have people moving into a housing stock that have children, they'll buy single-family home for the pool and for the amenities. And the only thing I'd say is with this Board we, you know, the first time we experimented we townhouse uses, with townhouse development was the Pointe and I think we tipped our toes in the water on the Pointe. And I've done some subsequent investigation about housing in Garwood and just as a planner for your town, just has nothing to do with, just in general about townhouses, The Pointe has the highest resale of any residential's in town and they have the highest tax ratable. So even though they have self-governance with their homeowners association, they have self-plowing and self-garbage, they actually have the highest resales in town. I find that a little odd
because other towns where I'm a planner it's vice versa; the single-family homes in Garwood actually sell less than the townhouses. That's telling me that this market hasn't been fully built-out. That there is a market in this general, not just Garwood, but in Westfield and Cranford for a new townhouse development and that people will overpay for -- to be within an association, to be within an area where it's controlled and to not have kids. It seems like the people who want to live here, they don't want children running around and they'll overpay. It's just something I've experienced looking into demographics and resales within the borough.

So, you know, this Board really has to look at, as a planner, this type of housing is in need. Now this Board has to decide is it the proper location, do you feel this is the proper location for this type of development. I've been at the Pointe, I've used The Pointe as a litmus test, and I've been to the residential homes that backup to The Pointe and I have a close friend that lives backed up to The Pointe; he was not the happiest when it was being built, but when it was all said and done it benefited his home, so. That's the only thing. And because of that, we have now introduced an ordinance that permits
townhouses, and our ordinance that does permit townhouses and not in this area, permits up to 12 to 15 an acre where they're going nine an acre. So we do have a townhouse ordinance. The Pointe ss built at about 14 units an acre from what $I$ remember and that was highly successful. And, hopefully, if this project does go through it becomes as successful as The Pointe because I think that's been a super project for the municipality because it brought new people into town and they seem to enjoy living there and I've been dealing with them ever since and, you know, it's been a positive, in my opinion, The Pointe.

BOARD MEMBER VENA:I'll tell you what, expanding on The Pointe, $I$ remember going down North Avenue when the mattress factory was there and all those old buildings before The Pointe came in and before Shop Rite came in and it was just, it was an ugly site. We used to go down there and there was nothing to look at, you just wanted to rush through town to get into Westfield. Now when you make that turn at the Hess station and you go down North Avenue, it's a majestic sight. It's nice. You see people milling about. There might be a little more traffic, but it's just a nice feature. Now when you we go down Walnut Avenue and you stop at that stop sign, you're
going to see an expanse of a neighborhood in there, you're not going to look at ugly buildings. If I'm looking at that from that vantage point at the end of Walnut Avenue, I'm going to stop a couple of more seconds at that stop sign and take a look at that. I'm not going to make a rush right or a rush left. I think it's going to enhance the neighborhood, so I'm all for it.

CHAIRPERSON VILLAGGIOAlright.
Everybody had a chance to comment?
MR. JANNOTTI:I also want to
comment on the 55 and older. I think if this was not a 55 and over development we'd be talking about families and children and the effect on the Board of Education and schooling and all the rest of that which is would take it completely out of the discussion because the owner has decided to come in with 55 and older and that's another reason why $I$ support this.

CHAIRPERSON VILLAGGIOOkay. I
guess it's time for a motion. Can $I$ have a motion?
BOARD MEMBER VENA:I'd like to
make a motion that we grant the variances and we accept this application and send this forward.

MR. FRASER:So grant the use
variance to allow the construction of the nine
(1)
townhouses plus the associated bulk variances that the Applicant has requested obviously on a bifurcated basis subject to a later site plan approval.

BOARD MEMBER VENA Obviously. CHAIRPERSON VILLAGGIOWe have a
motion, can $I$ have second?
BOARD MEMBER MacINDOE I second.
BOARD MEMBER VENA:Is
age-restricted part of the motion?
CHAIRPERSON VILLAGGIOThat's
part of the testimony.
MR. FRASER:That was part of
your motion, too, right, Mr. Vena?
BOARD MEMBER VENA:Yes, it was.
CHAIRPERSON VILLAGGIOAdele,
roll call, please.
BOARD SECRETARY LEWISI'm
sorry, who made the second?
CHAIRPERSON VILLAGGIO Georgia. MR. FRASER:Alright. There's a
seven member Board voting, five affirmative votes are necessary to pass.

BOARD SECRETARY LEWIS Bruce
Paterson?
BOARD MEMBER PATERSON NO.
P.M.)

JerseyShore Reporting, LLC
(1)
(2)
(3)
(4)
(5)
(6)
(7)
(8)
(9)
(10)
(11)
(12)
(13)
(14)
(15)
(16)
(17)
(18)
(19)
(20)
(21)
(22)

## CERTIFICATE

I, DEBRA-ANN BALSAMO, a Certified
Shorthand Reporter and Notary Public of the State of New Jersey, certify that the foregoing is a true and accurate Computerized Transcript of the proceedings as taken before me stenographically on the date hereinbefore mentioned.

Dated: June 4, 2014
My Commission Expires on December 6, 2016
License No. X101161

| A | 20:18 52:20 | 84:21 | advances (1) | agree (6) | alternative ... |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A-1 (3) 2:18 | 52:24 53:2 | additional ... | 76:13 | 36:25 38:19 | 81:18 |
| 7:24 8:2 | accessible (1) | 10:4 12:4 | advancin | 92:7 121:6 | luminu |
| A-2 (4) 2:19 | 20:20 | 37:4 84:11 | 75:10 | 129:25 | 55 |
| 49:20,25 | accessory (2) | 84:11,18 | advantage ... | 136:6 | amended (2) |
| 50:4 | 73:16 82:5 | address (19) | 84:13 | agreed (2) | 60:24 61:1 |
| A-3 (5) 2:19 | accident (1) | 4:10,15 | advantag | 90:14 129:3 | amendmen... |
| 66:22 67:7 | 40:2 | 5:21,22 | 41:20 | ahead (5) | 135:14 |
| 67:14,24 | accidents (2) | 12:7 13:3 | advice (1) | 14:9 17:19 | amenities (3) |
| a.m (4) $23: 11$ | 40:8,14 | 16:22,22 | 132:13 | 41:10 67:22 | 73:5 79:6 |
| 23:13,15,22 | accommod... | 17:11 21:14 | advisement... | 86:16 | 136:12 |
| abide (1) | 12:9 32:1 | 46:8 50:10 | 124:25 | ahold (1) | amenity (2) |
| 13:16 | 32:16 83:17 | 57:7 59:19 | aerial (4) | 40:3 | 73:2 104:11 |
| ability (2) | 83:19 | 64:2,5 | 67:24 99:8 | AIA (1) 2 | amount (6) |
| 40:8 91:1 | account (1) | 127:10,1 | 110:21 | aimed (1) | 10:22 13:18 |
| able (9) $4: 15$ | 52:22 | 127:15 | 113:21 | 73:13 | 13:19 28:21 |
| 30:24 32:4 | accurate | addressed (... | Aesthetic | air (2) 56 | 42:177:19 |
| 32:9 33:16 | 142:13 | 13:13 16:3 | 59:10 | 80:20 | ample (4) |
| 33:20 34:23 | accurately | 16:16 75:12 | affirmative... | Al (1) 118:17 | 32:16 33:21 |
| 34:25 83:4 | 58:13 | addresses (1) | 38:4 140:21 | alerts (1) | 33:21 104:1 |
| absolute (1) | 112:13 | 76:7 | affordabilit... | 39:21 | analysis (2) |
| 23:17 | ache (1) | Adele (6) | 101:17 | aligned (2) | 28:23 87:13 |
| absolutel | 11:22 | 1:19 111:11 | affordable | 42:4 43:17 | analyze (3) |
| 40:9 60:15 | acknowled. | 112:12 | 101:13,21 | alignments... | 22:21 25:5 |
| 71:21 | 135:17 | 118:13 | 119:23 | 34:5 | 25:20 |
| absorptio | acre (12) 8:5 | 126:2 | 120:4 | alleviate | analyzed (1) |
| 75:23 | 73:14 74:5 | 140:15 | age (6) 27:12 | 104:5 | 32:19 |
| abutting (1) | 74:5 77:5,6 | adequate (3) | 27:12 72:12 | allow (3) 74:1 | ancillary (1) |
| 29:17 | 83:22 87:7 | 4:13 30:10 | 135:18,2 | 84:8 139:25 | 75:6 |
| accents (1) | 87:11 138:3 | 32:13 | 135:22 | allowed (5) | and/or (1) |
| 55:13 | 138:3,5 | adjacent (10) | age-restrict... | 74:6,19,22 | 31:13 |
| accept (2) | acreage (1) | 9:13 10:7,9 | 5:3 27:3,5 | 102:22,22 | anecdotical... |
| 130:10 | 86:18 | 18:10 29:17 | 27:10,10,16 | allows (1) | 41:1 |
| 139:23 | acres (2) | 95:21 | 27:17,24 | 69:23 | Angela (2) |
| acceptable ... | 11:23 87:1 | 109:13 | 28:1,11,22 | alluded (1) | 1:9 3:6 |
| 25:13 37:6 | acronym (1) | 112:20 | 78:10 128:6 | 35:6 | animals (3) |
| 129:18 | 25:24 | 113:10 | 140:9 | alludes (1) | 93:6,9,11 |
| accepted (4) | actual (4) | 116:1 | agent (1) | 35:25 | Ann's (1) |
| 6:4,25 22:4 | 11:5 53:24 | adjoining (3) | 121:7 | Alright (12) | 119:17 |
| 51:9 | 98:2 114:12 | 71:21 100:9 | aggregate (2) | 32:23 50:9 | annual (1) |
| access (5) 8:9 | ADA (3) | 109:15 | 74:12 84:2 | 57:22 63:19 | 77:19 |
| 70:21 78:22 | 20:24 52:20 | adopted (1) | aging (1) | 98:4 113:6 | Annually (1) |
| 80:19 | 52:21 | 89:6 | 77:24 | 114:20 | 40:1 |
| 112:18 | add (2) 55:20 | advanced (1) | ago (6) $87: 14$ | 115:8 | anomaly (2) |
| accessed (1) | 82:5 | 78:16 | 87:19 90:22 | 124:15 | 69:9,20 |
| 9:21 | added (6) | advanceme... | 103:12 | 131:25 | answer (17) |
| accessibilit... | 37:5 73:2 | 76:12,22 | 107:15 | 139:9 | 57:25 62:23 |
|  | 84:10,12,14 | 78:24 | 124:6 | 140:20 | 72:19 88:15 |


| 93:25 95:13 | 31:22 113:1 | 120:19 | 58:13,15,16 | 116:14,17 | 17:7 49:14 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 115:2 | 114:7,8 | 121:24 | 59:10,14,15 | aspect (2) | 61:8,8 |
| 116:18 | 115:25 | 122:25 | 59:24 63:8 | 25:19 52:23 | 62:17 67:16 |
| 117:8,16,22 | 116:9,11,12 | 123:1 | 68:24 69:9 | aspects (2) | 105:5 |
| 118:1,3 | Applicants ... | 128:12 | 69:20 71:7 | 29:7 84:6 | 133:15 |
| 122:24,24 | 3:6 | 140:3 | 74:7,16 | asphalt (1) | authority (1) |
| 123:25 | application... | approve (1) | 76:17 83:25 | 54:10 | 14:14 |
| 124:13 | 3:2,23 4:25 | 121:4 | 84:2 85:12 | asphalt-loo... | automobile... |
| answered (2) | 5:6,12 8:3 | approved (... | 87:10 92:20 | 54:24 | 76:21 |
| 15:6 62:3 | 8:23,24 | 13:17 15:16 | 93:7,9 | associated ... | available (5) |
| anybody (14) | 10:23 11:6 | 15:18 19:3 | 101:7,9,9 | 3:23 8:9 | 10:2 12:14 |
| 20:3,13 | 14:14 27:2 | 28:7,20 | 103:18 | 10:22 66:3 | 57:25 76:5 |
| 37:12 46:6 | 28:25 36:8 | 89:5 109:11 | 107:5 | 73:10 74:25 | 105:10 |
| 61:5 63:17 | 36:21 41:12 | 120:11 | 108:22 | 75:2,5,6 | Avenue (64) |
| 88:3 89:15 | 56:14,15 | 121:3,5,15 | 111:1 | 79:21 81:6 | 1:3,8 3:2,19 |
| 92:1 98:20 | 58:4 66:3 | 124:10 | 113:21 | 81:25 82:2 | 5:15,23 |
| 103:5 | 66:11 75:10 | approving ... | 115:15 | 84:17,22 | 8:10,13 |
| 105:17 | 91:11,12 | 109:21 | 116:25 | 128:10 | 9:22 11:11 |
| 119:14 | 92:4 105:15 | approxima... | 137:8 138:2 | 140:1 | 12:23 17:22 |
| 123:14 | 105:15 | 53:15 72:17 | areas (8) 9:10 | association... | 23:9,19 |
| anyway (1) | 117:19 | 74:11 77:6 | 19:9 53:3,5 | 13:5,9,16 | 24:9,24 |
| 122:24 | 118:16 | 77:17 84:1 | 55:8 101:3 | 13:18,21 | 29:14,19,24 |
| apartment | 122:13 | architect (1... | 102:17,17 | 15:4,8,17 | 30:2 33:2 |
| 70:10,10,12 | 123:3,13 | 4:21 16:16 | arguing (1) | 81:24 82:9 | 33:22 34:9 |
| apartments... | 125:21 | 16:21 20:18 | 124:13 | 136:23 | 34:14,20,22 |
| 131:11 | 127:9 128:9 | 49:17 50:21 | argument (2) | 137:8 | 34:24 35:1 |
| apparatus ... | 130:17,21 | 51:9 63:22 | 105:14 | association... | 35:13 36:9 |
| 32:3 | 139:23 | 72:20 | 118:16 | 15:12,13 | 39:5 40:16 |
| appear (1) | application... | 127:12 | arrangeme... | assume (4) | 47:14 48:5 |
| 58:11 | 131:10 | Architects ... | 108:16 | 21:23 45:13 | 48:16 49:3 |
| appeared (2) | apply (1) | 50:12 | arterial (2) | 104:2 | 50:7,12 |
| 64:10,20 | 100:1 | architect | 46:1 68:19 | 121:15 | 51:24 54:6 |
| appears (1) | appreciate ... | 50:22 | articulatio... | attic (2) | 68:16,19 |
| 115:15 | 3:16 141:21 | 132:24 | 84:25 | 59:10,14 | 70:16 96:3 |
| Applicant (... | approach (1) | architectur... | artist (1) | attorney (4) | 96:18 98:13 |
| 1:9,23 13:3 | 47:17 | 51:14 64:17 | 51:22 | 1:18 7:16 | 98:14 103:4 |
| 14:23 31:18 | approachi... | 64:18 65:7 | artist's (3) | 11:12 | 105:20 |
| 56:18 69:11 | 31:4 33:7 | 65:10 133:3 | 2:19 50:1,3 | 116:21 | 106:1,20,21 |
| 70:4,19 | appropriat... | area (60) 4:8 | ASHTO (1) | attorneys (2) | 106:21,22 |
| 71:8,15 | 36:11 39:5 | 6:3,13 7:9 | 35:3 | 1:23 117:6 | 106:22 |
| 72:13 91:11 | 57:15 76:25 | 9:6,7 10:7,9 | asked (4) | attractive (3) | 118:18,20 |
| 95:9 96:11 | 77:13,22 | 11:17 13:25 | 14:21 26:9 | 72:15 79:2 | 120:3 133:3 |
| 102:23 | 83:6 100:14 | 14:25 15:2 | 114:10,25 | 85:6 | 134:1 |
| 119:6 128:6 | 132:25 | 32:13 42:2 | asking (7) | attributed ... | 138:15,21 |
| 135:12 | approval (... | 50:17 52:18 | 75:22 95:23 | 104:3 | 138:25 |
| 140:2 | 3:22,25 5:1 | 53:5,7,7,8,9 | 102:20 | attributes (2) | 139:4 |
| Applicant'... | 33:8 58:5 | 53:10,11,13 | 107:3 | 80:8 100:5 | average (5) |
| 9:20 31:7 | 85:14 89:9 | 53:19 55:3 | 115:23 | audience (8) | 23:24 24:3 |


| 25:6 47:10 | 113:4 | 34:13 94:7 | beginning (... | 128:8 140:2 | 24:5,14 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 102:22 | backing (5) | barriers (2) | 89:20 | big (8) $42: 5$ | 29:3 37:12 |
| averaging (3) | 10:14,18 | 43:25 88:6 | behalf (2) | 59:10 87:10 | 37:14,25 |
| 88:18 89:8 | 33:16 70:18 | base (4) 19:1 | 14:23 127:6 | 89:25 97:4 | 38:3,15,23 |
| 89:9 | 71:6 | 19:2,4 55:6 | beige (1) | 99:4 106:13 | 39:6 40:1 |
| Azek (4) 55:9 | backout (6) | baseball (1) | 54:17 | 130:7 | 40:24 41:9 |
| 55:13,13,17 | 29:14 30:1 | 96:5 | believe (9) | biggest (1) | 41:13,17,19 |
|  | 32:5,8 | based (9) | 7:15 31:21 | 43:22 | 42:6,10,16 |
| B | 32:13,14 | 35:3 40:5 | 57:8 61:19 | Bing (3) | 42:20,25 |
| В (8) 1:11,18 | backs (3) | 52:21 62:21 | 66:22 83:20 | 67:25 89:18 | 43:12,19 |
| 24:12 25:17 | 95:22 | 70:2 82:22 | 101:20 | 99:10 | 44:1,6,13 |
| 25:18 108:1 | 102:13 | 87:10,13 | 114:22 | bit (6) 10:15 | 44:16,18,22 |
| 109:8 110:1 | 108:11 | 134:8 | 118:25 | 23:23 73:19 | 45:3,17,23 |
| baby (1) 78:6 | backup (4) | basements ... | belongs (3) | 101:24 | 46:4 50:16 |
| bachelors (1) | 53:7 96:4,4 | 52:11 | 98:13,21 | 118:24 | 51:20 54:19 |
| 64:16 | 137:20 | basic (1) 58:8 | 108:21 | 119:12 | 56:19 57:2 |
| back (54) | backyard (... | basically (4) | belt (2) 96:12 | biting (1) | 58:1,17,24 |
| 3:24 5:1 | 93:22,23 | 40:25 86:6 | 97:9 | 119:5 | 61:6 64:11 |
| 17:23 18:11 | 94:16,17 | 94:198:19 | bend (2) | blend (2) | 64:11,21 |
| 20:23 27:23 | 95:23 96:23 | basin (4) | 40:25 98:23 | 55:20 68:4 | 79:1 82:22 |
| 29:18 34:25 | 96:24 | 9:14,14 | benefit (6) | blind (1) 33:1 | 86:4,14,17 |
| 38:3,4 41:2 | 108:11 | 61:23 | 6:2 17:15 | blinker (2) | 86:24 87:5 |
| 62:4,10,11 | 117:11 | 108:11 | 50:16 64:12 | 35:12 49:9 | 87:16,25 |
| 70:3 73:7 | 130:8 | basis (5) 3:20 | 82:10 84:21 | blinking (2) | 89:17 90:12 |
| 81:12 86:20 | backyards ... | 64:25 127:7 | benefited (1) | 35:15 36:1 | 90:18,19,20 |
| 89:7,8 90:5 | 108:14 | 127:18 | 137:23 | block (5) 1:8 | 90:23 91:7 |
| 90:10,13,22 | bad (1) 37:20 | 140:3 | benefits (1) | 8:4 45:24 | 91:14,21,24 |
| 95:21 97:6 | balance (2) | bath (4) | 75:2 | 98:5 129:23 | 92:4,6,10 |
| 97:11,16,17 | 84:20 94:4 | 52:18 53:13 | Benson (1) | blocking (1) | 100:22 |
| 97:19,21,22 | ballooning ... | 53:19,19 | 46:24 | 84:14 | 105:11 |
| 97:23 100:3 | 78:3 | bear (3) 90:3 | best (2) $25: 9$ | blocks (2) | 109:11,16 |
| 103:7,15 | balls (1) | 95:20 98:7 | 132:13 | 101:4 | 109:20 |
| 104:21 | 108:13 | Bearing (1) | better (13) | 129:14 | 111:16 |
| 108:12 | BALSAM... | 81:3 | 55:10,11,20 | board (188) | 113:17 |
| 111:1,2 | 1:24 142:10 | beautiful (9) | 62:3 70:7 | 1:1,12,13 | 119:1 120:1 |
| 112:17 | 142:18 | 92:13 98:12 | 78:22 81:18 | 1:13,14,15 | 120:16 |
| 113:22 | Bannick (5) | 108:15,20 | 81:22 98:20 | 1:15,16,16 | 122:7,13 |
| 119:11,13 | 103:3,3,13 | 108:21 | 118:24 | 1:18,19,19 | 123:16,21 |
| 123:2 127:9 | 103:16,21 | 118:23 | 127:4 131:2 | 3:12,24 4:3 | 124:14,20 |
| 128:10 | barely (2) | 119:9 | 135:7 | 5:7,11 6:2,8 | 124:25,25 |
| 129:23 | 11:20 | 127:19 | bible (1) | 6:10 7:1,8 | 125:1,11,12 |
| 131:1,9,13 | 106:20 | 128:11 | 25:24 | 7:15 12:14 | 125:17,19 |
| 133:17,19 | barreling (1) | bedroom (4) | bifurcate (1) | 12:18,20 | 125:24 |
| 135:2 | 34:17 | 53:18,18,21 | 56:16 | 13:11 14:3 | 126:3,5,7 |
| backed (1) | barricade (5) | 72:16 | bifurcated ... | 14:8,13 | 126:10,12 |
| 137:21 | 34:10,13,15 | bedrooms (3) | 3:20 10:23 | 15:10 16:25 | 126:13,16 |
| backgroun... | 34:20 35:3 | 53:19 54:1 | 28:25 58:4 | 17:6 19:3 | 126:18,19 |
| 50:18 73:10 | barrier (2) | 72:17 | 127:7,17 | 22:13 23:20 | 126:21,22 |


| 126:24 | boutique (1) | 97:19 | 134:20,20 | capita (1) | 30:15 42:23 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 127:8 128:8 | 72:11 | 102:22 | buy (5) $92: 17$ | 77:17 | 42:23 43:2 |
| 128:11,14 | brain (1) | buffering (2) | 136:4,9,10 | capital (2) | 43:10,10 |
| 128:16,20 | 39:18 | 127:21,25 | 136:11 | 64:4 118:18 | central (1) |
| 128:23 | brake (1) | buffers (2) | buyer (1) | capture (1) | 134:20 |
| 129:3,7,11 | 49:8 | 87:20,20 | 79:14 | 83:2 | centrifugal... |
| 130:18,22 | branch (1) | build (8) 63:3 | bylaw (1) | car (7) 30:19 | 30:20 |
| 130:25 | 8:18 | 63:5,14 | 122:6 | 39:17 42:11 | certain (3) |
| 131:7,8,19 | breakdown... | 82:3 88:21 | C | 42:13 43:20 | 13:18,19 |
| 132:2,18,23 | 52:10 | 91:12 94:8 | C | 43:21 108:9 | 34:1 |
| 133:13,15 | breaking (1) | 123:2 | C (13) 1:20 | carefully (1) | certainly (2... |
| 134:15,24 | 44:7 | builders (3) | 24:12 25:11 | 109:20 | 6:6 10:17 |
| 135:3 | brief (1) | 87:13 119:4 | 25:18 27:2 | caregivers ... | 12:13 14:19 |
| 136:13 | 127:4 | 121:9 | 74:20 106:1 | 135:21 | 20:24 27:15 |
| 137:14,16 | briefly (4) | building (18) | 106:1,1 | carried (2) | 29:2,25 |
| 138:13 | 15:20 59:20 | 1:2 12:22 | 108:1 110:1 | 8:23 127:1 | 31:11 32:21 |
| 139:14,21 | 64:11 | 29:13 52:1 | 110:1 | carries (2) | 34:2,11 |
| 140:4,7,8 | 124:22 | 56:11 58:15 | 118:20 | 8:20 141:19 | 35:8 36:13 |
| 140:14,17 | bring (2) | 68:4 84:17 | C-O-N-T-... | cars (7) 29:12 | 69:17 72:7 |
| 140:21,23 | 28:3 92:14 | 84:24 94:2 | 118:18 | 29:12 37:5 | 78:12 79:3 |
| 140:25 | broad (1) | 95:1 98:3 | C-U-C-C- | 48:6 70:18 | 81:20 82:8 |
| 141:1,4,6,7 | 83:1 | 102:17 | 106:5 | 70:20 71:6 | 83:5 85:1 |
| 141:10,12 | broken (2) | 119:5 | C.S.R (1) | carve (1) | 86:12 90:9 |
| 141:13,15 | 22:20 71:8 | 123:22 | 142:18 | 82:25 | CERTIFIC... |
| 141:16,17 | Brookside ... | 129:12 | calculate (3) | case (9) 1:7 | 142:7 |
| 141:18 | 9:13 93:19 | 133:25 | 87:14,15,23 | 3:2 24:20 | Certified (2) |
| Board's (2) | 103:24 | 134:2 | calculated ... | 34:1 61:3 | 1:25 142:10 |
| 99:18 125:3 | 104:18 | buildings (... | 25:16 | 65:15 76:23 | certify (1) |
| Boards (5) | 108:1,5 | 9:4 20:25 | call (20) 4: | 83:4 121:1 | 142:12 |
| 6:4,9,13,16 | brought (7) | 52:1,8 | 5:7 21:8 | cast (1) 105:1 | Chair (3) |
| 10:25 | 7:13 14:4 | 53:25 72:15 | 27:21 33:2 | catch (2) | 66:15 67:9 |
| body (3) | 15:1 44:19 | 74:18 | 35:1 46:1 | 83:3,4 | 125:11 |
| 82:23 83:12 | 112:9 | 129:13,17 | 54:17 59:25 | categorize ... | Chairperso... |
| 90:14 | 120:15 | 138:16 | 63:20 68:18 | 25:7 | 1:14 3:1,8 |
| boomer (1) | 138:9 | 139:2 | 72:11 74:20 | catering (4) | 3:14 6:24 |
| 78:6 | brown (1) | built (4) | 81:21 82:1 | 8:7 29:10 | 7:2 12:17 |
| border (2) | 54:17 | 59:12,13 | 82:11 85:12 | 29:22 33:15 | 14:16,20 |
| 95:20 102:9 | Bruce (8) | 137:23 | 124:2 126:2 | causing (1) | 15:5 16:7 |
| borders (2) | 1:12 32:24 | 138:4 | 140:16 | 35:20 | 17:5,10 |
| 9:15 120:3 | 38:5 40:11 | built-out (1) | called (2) | caution (2) | 19:16,23 |
| borough (5) | 91:4 92:3 | 137:4 | 34:14 55:6 | 33:3 109:20 | 20:3 21:3 |
| 1:1 26:1 | 126:3 | bulk (1) | calling (1) | Cedar (1) | 37:11 38:21 |
| 49:3 68:10 | 140:23 | 140:1 | 52:25 | 50:24 | 39:11 42:8 |
| 137:13 | buffer (11) | burden (1) | cans (1) 56:3 | ceiling (1) | 45:1 46:3 |
| boundaries... | 88:17,21,22 | 131:17 | capability (... | 59:6 | 49:13 51:12 |
| 68:8 | 88:23,25 | business (5) | 32:21 | ceilings (1) | 51:16 56:24 |
| boundary (1) | 89:7,9 | 5:22 8:7 | capacity (1) | 59:16 | 60:5,13,17 |
| 88:18 | 95:16 97:10 | 120:14 | 64:19 | centerline (6) | 61:2 62:16 |


| 63:16 65:18 | changed (7) | clarify (1) | collection (1) | commente... | 28:10 69:9 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 65:19 66:19 | 27:3 106:12 | 121:25 | 13:10 | 57:16 | 72:5 78:8 |
| 66:25 67:6 | 107:1,14,16 | classic (1) | collective (1) | comments | 80:16 |
| 67:10,22 | 119:2 | 83:4 | 68:19 | 4:15 57:7 | compariso... |
| 85:23 86:2 | 131:23 | clear (7) 29:3 | Colonial (2) | 105:15 | 28:20 |
| 86:16 88:2 | changing (3) | 34:14 35:1 | 50:7,12 | 107:24 | compatible... |
| 89:15 90:17 | 36:12,23 | 35:2,4 | color (6) 2:18 | 128:15 | 69:12 |
| 90:21,25 | 109:17 | 43:23 | 7:21 9:5,5 | 131:6,18 | 100:10 |
| 91:5 92:1,8 | channel (1) | 117:21 | 54:21 55:7 | 132:22 | complaine... |
| 93:13,16 | 70:16 | clear-cut (4) | colored (6) | commercia... | 120:6 |
| 94:19 96:15 | channelizin... | 111:2 | 7:18,21,23 | 69:10 70:9 | complete (1) |
| 98:25 99:6 | 70:20 78:21 | 113:22 | 8:1 50:1,1 | 80:3 81:4 | 125:20 |
| 103:1 | character (5) | 114:7,16 | colors (3) | 100:7 103:6 | completely ... |
| 104:15 | 101:2,6,8 | clear-cutte... | 94:2 98:7 | 103:8,17 | 14:12 71:9 |
| 105:4,18 | 109:17 | 62:11 | 98:10 | 123:10,23 | 71:14 |
| 107:18,23 | 134:7 | cleared (1) | columns (2) | 123:24 | 139:16 |
| 108:24 | character | 8:13 | 55:15,16 | 124:2,9,11 | complex (1) |
| 109:5,24 | 71:1 | clearly (2) | come (27) | 127:23 | 57:20 |
| 110:7 113:7 | characteris... | 83:14 100:8 | 3:24 5:1 | Commissio... | compliance... |
| 113:11,14 | 68:20 | clients (1) 5:2 | 26:20 32:2 | 142:22 | 77:10 |
| 115:12 | Chek (1) | close (7) 8:10 | 32:5 34:24 | commit (2) | comply (4) |
| 117:13,17 | 119:13 | 9:23 43:3 | 38:3,4 39:2 | 5:2 11:2 | 13:24 20:24 |
| 120:24 | Chestnut (1) | 59:9 72:20 | 40:25 46:20 | committed ... | 57:20 128:1 |
| 122:3 | 1:22 | 90:1 137:21 | 46:21 71:9 | 56:18 | complying ... |
| 124:16 | chief (7) 16:8 | closed (6) | 73:20,21 | 127:11 | 57:10 |
| 125:6 126:1 | 16:9 32:24 | 21:5 49:15 | 89:7 92:5 | common (1) | component... |
| 126:15,25 | 35:6,25 | 63:18 105:7 | 93:21 94:16 | 13:6 | 11:4,5 |
| 128:13,18 | 40:6 68:18 | 124:17,19 | 94:16 98:22 | communiti... | composite (... |
| 129:9 | chief's (1) | closer (3) | 104:21 | 64:22 | 55:9,12 |
| 130:20 | 15:21 | 33:12,12 | 119:1 123:2 | 101:25 | compositio... |
| 131:5,25 | child (1) | 41:15 | 128:10 | 102:2 | 57:3 |
| 132:16,21 | 37:15 | closes (1) | 131:10 | community... | comprises (... |
| 133:9 | children (6) | 122:7 | 139:17 | 5:3 68:20 | 9:24 |
| 134:13,21 | 37:20 | closest (1) | comes (3) | 79:4,6 85:6 | computer (1) |
| 135:1,9 | 135:20 | 8:12 | 43:22 64:15 | 85:8 98:15 | 25:4 |
| 139:9,19 | 136:9,11 | clustered (1) | 131:1 | 132:9 | Computeri... |
| 140:5,10,15 | 137:10 | 79:10 | coming (10) | commutati... | 142:13 |
| 140:19 | 139:14 | CME (1) | 10:11 38:24 | 26:17 | concept (1) |
| 141:9 | circles (1) | 5:15 | 39:21 40:15 | commute (1) | 41:14 |
| challenging... | 95:19 | Co-mingle... | 46:15 47:7 | 26:14 | conceptual ... |
| 8:17 | circulation | 84:23 | 47:18,21 | commuter ... | 41:24,25 |
| chance (4) | 23:5 29:5 | cohesive (1) | 48:4 108:14 | 45:20 46:2 | conceptuall.. |
| 15:20 110:4 | 71:11,11 | 79:18 | comment (6) | compact (4) | 12:2 |
| 111:1 | citizens (2) | cohort (4) | 90:13 | 70:5 72:12 | concern (6) |
| 139:10 | 77:23 | 77:25 78:2 | 122:12 | 79:10 81:21 | 19:20 34:4 |
| change (3) | 119:18 | 78:4,6 | 128:17 | compare (1) | 34:4,12 |
| 20:11 83:7 | claim (2) | collect (1) | 134:14 | 89:19 | 42:11 134:3 |
| 125:4 | 19:12 114:7 | 61:13 | 139:10,12 | compared (... | concerned ... |


| 47:3 48:5 | 100:10 | CONTE (4) | 61:10,11,15 | cost (5) 63:3 | 68:10 93:19 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 62:10 92:16 | 124:3 | 118:17,22 | 61:20,25 | 63:4,9 | 101:25 |
| 92:17 108:4 | 127:22 | 121:6,9 | 62:9 99:7 | 79:13 132:7 | 103:24 |
| 108:17 | conformity... | contemplat... | 99:12,17,21 | Counsel (1) | 106:23 |
| 132:10 | 69:13,18 | 20:17 | 110:3,15,20 | 3:20 | 108:1,5 |
| concession ... | 101:8 102:6 | context (5) | 110:25 | Counsel's (1) | 137:6 |
| 128:5 | confuse (1) | 69:13 70:13 | 111:6,9,13 | 132:13 | crappy (1) |
| conclude (1) | 39:9 | 71:18 79:25 | 111:13,15 | Counselor ... | 92:18 |
| 83:9 | confused (2) | 100:13 | 111:19,20 | 67:3 | crazier (1) |
| concluded | 47:4 57:17 | continue (4) | 111:23 | counteract... | 41:4 |
| 141:22 | congestive | 56:7 100:11 | 112:1,5,8 | 107:15 | crazy (3) |
| conclusion ... | 25:10 | 100:18 | 112:16 | countertop... | 37:16,19 |
| 85:5 | connection... | 124:11 | 113:3,9,13 | 73:8 | 41:14 |
| Condenser... | 5:11 16:14 | continues (1) | 113:16,19 | counterwei... | create (6) |
| 56:10 | consecutiv... | 47:23 | 114:3,9,22 | 80:6 | 38:7 41:21 |
| condition (... | 23:16 | continuing ... | 115:10,18 | counts (4) | 73:22 84:15 |
| 9:19 25:9 | consider (3) | 65:5 | 115:21 | 22:22 23:8 | 101:1,21 |
| 25:10 35:20 | 92:4 100:22 | continuous... | 116:2,5,10 | 23:8,14 | created (2) |
| 35:21 70:8 | 100:23 | 90:10 | 116:17,20 | county (5) | 36:20 59:22 |
| 71:14 79:17 | considered ... | contract (1) | 117:1,10,24 | 6:16 26:1 | creates (3) |
| 99:13 | 36:3 | 88:14 | 118:4,11 | 27:8 75:25 | 80:9,20 |
| 112:14 | considerin | contrast | Corbin-1 (5) | 78:8 | 84:20 |
| conditions | 101:2 | 100:8 | 2:20 114:2 | countywid... | creating (4) |
| 2:20 7:9 | consistent (... | control (7) | 115:14,24 | 78:1 | 34:3 35:21 |
| 22:19,21,24 | 83:20 85:7 | 31:13 35:15 | 117:22 | couple (6) | 41:18 70:5 |
| 23:2 24:17 | consisting (... | 36:3,4 | Corbin-7 (2) | 8:15 66:16 | credentials... |
| 25:14 28:19 | 3:18 | 81:24 84:10 | 2:21 114:2 | 90:22 | 22:3 |
| 67:13,20 | constitute (1) | 85:3 | core (2) | 115:13 | creek (5) |
| 78:21 80:13 | 80:1 | controlled ... | 75:13 83:16 | 119:6 139:4 | 17:23 111:2 |
| condo (1) | constrain | 24:21 62:5 | corner (3) | course (4) 6:9 | 113:13,23 |
| 15:13 | 86:21 | 62:7 82:7,9 | 8:19 43:13 | 66:13 80:24 | 115:4 |
| conducive ... | constraints... | 119:25 | 46:10 | 95:20 | creep (1) |
| 70:11 79:22 | 8:15 9:1 | 137:9 | cornerston... | Court (2) | 82:1 |
| 130:1,5 | 70:3,5 | controlling... | 76:14 | 1:25 17:15 | criteria (10) |
| confidence | 86:22 | 30:21,25 | correct (19) | courts (3) | 66:1,9,10 |
| 79:5 | constructio... | controls (1) | 6:23 15:9 | 64:25 66:5 | 72:25 74:24 |
| configurati... | 100:25 | 30:14 | 16:24 18:18 | 87:21 | 80:25 86:10 |
| 36:24 | 132:24 | copies (2) | 18:20 21:19 | covered (1) | 86:11 128:4 |
| confirm (2) | 139:25 | 49:23 67:18 | 21:21 36:21 | 52:16 | 128:4 |
| 50:18 64:13 | consult (1) | copy (2) | 36:22 37:7 | covers (1) | critters (1) |
| conflict (1) | 123:20 | 89:10 117:1 | 48:7 61:14 | 85:4 | 93:9 |
| 101:24 | consultant ... | Corbin (64) | 65:8 95:1 | Craig (2) | cross-exam... |
| confluence ... | 1:19 15:23 | 17:9,12,13 | 112:5,8 | 1:16 87:13 | 120:22 |
| 64:23 68:9 | 16:3 | 17:14,17,17 | 113:15 | Cranford (... | cross-exam... |
| conform (2) | contain (2) | 17:20,21 | 116:20 | 6:14 9:15 | 116:21 |
| 109:19 | 11:5,23 | 18:1,4,9,14 | 121:8 | 9:15 46:16 | crossing (6) |
| 134:4 | contains (2) | 18:18,21 | correctly (1) | 46:23 47:8 | 33:4 34:4 |
| conformin... | 8:8,15 | 19:6,11,15 | 132:12 | 50:23 64:23 | 38:7,10,18 |


| crossover (1) | D-O-N-O-... | DEBRA-A... | delay (3) | 129:21 | 123:22 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 48:10 | 64:5 | 1:24 142:10 | 25:6,9,15 | DEP (4) | determinin... |
| crosswalk (7) | D-O-U-G-... | 142:18 | delays (3) | 88:16 89:5 | 26:2 |
| 40:13,16,17 | 20:6 | December ... | 25:7,10,16 | 89:8,10 | detriment (3) |
| 40:20 41:8 | D-U-G-E-... | 142:22 | DelConte (1) | departmen... | 80:17,19 |
| 44:9,11 | 92:13 | decide (1) | 118:17 | 16:14 22:16 | 84:22 |
| Cuccaro (9) | D1 (1) 73:25 | 137:16 | deli (4) | 57:7 127:12 | detrimenta... |
| 3:12 105:19 | D5 (1) 74:7 | decided (1) | 103:12,15 | 127:13 | 80:10,24 |
| 105:19 | D6 (1) 74:17 | 139:17 | 119:11,15 | departmen... | develop (4) |
| 106:5 121:1 | daily (1) | decision (4) | delightful (1) | 4:14 | 8:17 55:3 |
| 121:8,13,22 | 27:15 | 10:25 | 59:18 | Depending... | 59:15 132:6 |
| 122:2 | danger (1) | 122:14 | delineated | 123:7 | developed (... |
| curbline (1) | 39:24 | 123:6 | 8:22 38:8 | depicted (2) | 8:7 13:5 |
| 10:7 | dangerou | 124:19 | delineation... | 55:7 58:13 | developer's... |
| current (8) | 80:12 | deck (2) | 19:1 | DESCRIP... | 38:6 |
| 6:19 21:23 | dark (3) | 53:14 55:8 | demand (4) | 2:17 | developers ... |
| 36:2 51:5,7 | 54:22,25 | decking (2) | 75:13,14 | design (12) | 90:24 |
| 65:3,4 | 98:8 | 55:9,10 | 76:7 101:21 | 6:11 20:8 | developme... |
| 123:22 | date (5) 7:24 | decks (1) | demarcate | 20:14,20 | 9:2 12:3,9 |
| currently (5) | 60:23 99:7 | 73:6 | 89:11 | 31:11 40:18 | 27:4 28:7,8 |
| 8:6 10:19 | 111:17 | decreases (1) | demarcate... | 40:21,22,23 | 28:15 41:10 |
| 11:15 31:22 | 142:14 | 39:24 | 88:19 | 43:23 44:21 | 46:18,22 |
| 121:5 | dated (2) | deed (2) | demarcatio... | 64:16 | 47:9 48:7 |
| curvature (1) | 99:11 | 88:11,12 | 88:21 | designated ... | 48:17 59:25 |
| 30:12 | 142:21 | deem (1) | demograph... | 15:1 76:16 | 69:1,4,7,25 |
| curve (9) | dates (1) 45:4 | 38:3 | 137:12 | designed (6) | 70:6,24 |
| 29:20 30:7 | Dave (2) 20:5 | deemed (1) | denied (3) | 12:2 13:23 | 71:19 72:2 |
| 30:14,18 | 92:12 | 91:15 | 110:11 | 15:18 32:1 | 72:11,12 |
| 31:5 33:1 | David (2) | deep (1) 89:1 | 120:18 | 52:22 | 73:14,21,23 |
| 33:12 38:25 | 62:19 99:23 | deer (3) | 122:22 | 121:21 | 76:11,13 |
| 47:11 | day (3) 47:18 | 39:12,17,20 | denser (1) | desirable (1) | 77:4 79:3 |
| curvilinear. | 64:25 112:2 | defined (1) | 129:10 | 78:25 | 79:13,18,19 |
| 10:16 | days (1) 45:5 | 81:22 | densities (1) | detail (8) | 79:23 80:2 |
| cutoff (1) | de (1) $74: 3$ | defining (1) | 76:25 | 10:22 11:7 | 81:11,14,16 |
| 122:8 | deal (4) 13:9 | 35:2 | density (28) | 12:1,4,8 | 81:20,20 |
| cuts (1) 8:19 | 24:17 65:10 | definitely (1) | 4:7 11:20 | 15:24 19:20 | 82:2,7,15 |
| cutting (1) | 95:18 | 60:21 | 11:20,24 | 19:22 | 82:20,21 |
| 114:18 | dealing (6) | definition (1) | 73:13 74:2 | detailed (1) | 83:6 85:9 |
| cutup (1) | 24:6 46:23 | 87:9 | 74:3 77:1,2 | 56:15 | 86:9 90:5 |
| 82:16 | 81:23 82:18 | degrade (2) | 77:3,13 | details (2) | 91:13 92:22 |
|  | 101:18 | 37:9,10 | 83:16,17,19 | 3:25 55:23 | 92:25 93:2 |
| D | 138:11 | degree (1) | 83:22 84:11 | detection (1) | 98:9 99:16 |
| D (6) 63:24 | deals (2) 34:6 | 64:15 | 85:10 86:25 | 57:15 | 101:22 |
| 74:20 76:12 | 35:10 | degrees (1) | 87:7,9,11 | detention (2) | 102:16 |
| 109:8,8 | dealt (1) | 64:13 | 87:15,15,22 | 9:13 61:23 | 114:15 |
| 118:20 | 80:22 | DEL (4) | 87:23 | determine ... | 130:2 |
| D-E-L (1) | Debra (1) | 118:17,22 | 119:19 | 23:3 25:5 | 136:15 |
| 118:18 | 103:3 | 121:6,9 | 120:8 | determines... | 137:6,18 |


| 139:13 | 139:16 | Dougert (8) | 42:12 43:23 | earnings (1) | 134:19 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| developme... | discussions... | 20:5,5,12 | 47:7 48:19 | 77:19 | elected (2) |
| 13:15 27:7 | 5:1 | 20:21 21:2 | 49:2,3,5,12 | earth (1) | 56:16 131:8 |
| 32:18 79:10 | displaceme... | 93:3,5,15 | 97:12 108:8 | 54:14 | electric (1) |
| difference (... | 93:11 | downloade... | driveways ... | east (3) 47:12 | 56:9 |
| 28:4 42:5 | disruptio | 67:25 | 29:11,21,21 | 47:15 68:11 | element (2) |
| 53:25 100:6 | 101:1 | downspout... | 30:1 33:3 | easterly (3) | 24:20 |
| different (6) | distance (12) | 55:1,2 | 33:13 73:2 | 9:16 10:5 | 101:17 |
| 26:16,16,17 | 10:17 30:9 | 61:12 | driving (2) | 95:7 | elements (3) |
| 54:19 69:15 | 30:10 33:21 | dozens (3) | 39:16 41:7 | eastern (1) | 29:2 54:2 |
| 131:11 | 40:15 42:17 | 6:16,16 | drone (1) | 95:14 | 72:8 |
| difficult (3) | 43:16,22,24 | 124:5 | 12:5 | economic (1) | elevation (1) |
| 10:24 17:22 | 44:2 47:2 | draft (1) | drop (1) | 79:11 | 133:3 |
| 29:23 | 70:18 | 13:19 | 27:19 | economy (1) | elevations (2) |
| difficulty (1) | distinct (1) | dragged (1) | due (5) 8:24 | 77:20 | 51:20 117:5 |
| 29:25 | 100:6 | 120:11 | 30:20 31:3 | edge (8) 43:3 | elevator (3) |
| dining (1) | district (3) | drainage (3) | 116:22 | 43:3,8,8,11 | 52:19 53:14 |
| 53:13 | 69:17 76:17 | 11:3 55:2 | 128:21 | 43:11 81:22 | 53:20 |
| direct (6) $2: 5$ | 76:18 | 127:10 | Dugert (2) | 96:13 | elevators (1) |
| 5:25 22:9 | disturbanc... | drawing (4) | 92:12,12 | education (2) | 73:5 |
| 50:14 64:9 | 81:25 87:1 | 47:5 133:18 | duly (10) | 65:5 139:15 | Eleven (1) |
| 112:18 | Division (1) | 133:22,25 | 5:16 21:12 | educationa... | 119:12 |
| directed (1) | 57:13 | drawings (7) | 50:8 63:25 | 50:17 64:12 | eliminated ... |
| 55:3 | document (... | 19:12 49:23 | 106:1 108:1 | effect (5) | 30:3 |
| direction (3) | 76:15 | 49:23 | 109:8 110:1 | 50:19 64:14 | eliminating... |
| 24:1 48:4 | dog (2) 47:17 | 114:11 | 118:20 | 84:15,17 | 127:22 |
| 129:5 | 48:11 | 117:2,4 | 122:20 | 139:14 | Elizabeth (1) |
| directions (1) | doing (5) | 133:6 | dumpster (1) | effectively ... | 6:15 |
| 23:21 | 3:21 6:10 | drive (3) | 55:25 | 10:2 | emergencie... |
| directly (4) | 102:23 | 63:24 64 | dwelling (6) | efficiencies... | 32:3 |
| 52:15 58:7 | 122:10 | 104:8 | 11:19 74:4 | 79:12 | emergency ... |
| 93:23 96:9 | 132:8 | driver (3) | 74:9 77:5 | efficiency (2) | 32:6 80:19 |
| discharge (1) | DONALD | 33:16,19 | 83:22 87:11 | 70:6 101:16 | encourage ... |
| 62:6 | 1:18 | 34:22 | dwellings (4) | efficient (1) | 76:13 |
| discriminat... | donut (1) | drivers (1) | 69:25 73:15 | 79:7 | encourages... |
| 136:2 | 102:4 | 104:13 | 74:14 90:6 | egress (1) | 76:577:2 |
| discriminat... | door (1) | driveway (... |  | 23:5 | engine (1) |
| 135:18,18 | 100:16 | 9:22 13:25 | E | eight (9) 6:9 | 131:13 |
| discuss (3) | doors (1) | 15:17 29:4 | E (15) 1:11 | 11:23 71:17 | engineer (17) |
| 20:18 22:15 | 52:15 | 29:4,16 | 1:11,20,20 | 71:25 72:6 | 4:17,19 5:8 |
| 125:1 | DOT (1) | 30:4,11 | 21:12 50:7 | 73:14 74:5 | 6:7,8 12:8 |
| discussed (4) | 25:25 | 31:4,21 | 50:7 76:24 | 76:9 95:24 | 12:19 19:10 |
| 14:6 19:21 | dotted (1) | 33:9,10,14 | 106:1,1 | either (8) | 26:1,1 38:6 |
| 44:12 | 113:18 | 33:15 34:3 | 108:1 109:8 | 23:25 24:2 | 61:17 62:12 |
| 112:20 | double (2) | 34:5 36:13 | 110:1 | 25:6 44:2 | 114:10 |
| discussion ... | 83:19 104:1 | 36:23 39:14 | 118:20,20 | 105:14 | 115:3 |
| 44:17 55:23 | doubled (1) | 39:14,20,22 | earlier (2) | 112:6 | 127:14,14 |
| 56:7 60:11 | 77:11 | 41:15 42:4 | 44:10 136:7 | 118:15 | engineer's ... |


| 21:25 | 19:9 | 112:12,13 | 114:16 | 53:14 54:4 | 55:22 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| engineered... | envisioned ... | 112:25 | exit (1) 29:9 | 54:6 55:8 | 105:10 |
| 29:1 | 13:8 | 114:2 | exiting (1) | 55:12,15 | 136:7 |
| engineerin... | equates (1) | 118:13 | 27:22 | extras (1) | favor (1) |
| 6:22 7:1 | 24:3 | exactly (11) | expanding ... | 67:16 | 105:14 |
| 21:19 22:5 | equation (1) | 43:6 53:21 | 138:14 | extreme (2) | favored (1) |
| 25:25 86:20 | 82:12 | 79:11 98:15 | expanse (2) | 8:19 9:17 | 79:9 |
| 117:2,4 | ESQ (1) 1:22 | 109:14 | 69:10 139:1 | extremely (1) | favors (1) |
| engineers (3) | ESQUIRE... | 112:19,21 | expect (2) | 75:24 | 79:9 |
| 24:15 25:23 | 1:21 | 113:5 117:3 | 39:25 62:22 | eye (1) 39:18 | feasible (2) |
| 45:16 | essentially | 117:11 | expected (1) | F | 36:1,1 |
| enhance (6) | 3:21 10:6 | 129:1 | 39:15 | F | feature (1) |
| 31:24 | 52:4 53:21 | EXAMIN... | experience ... | F (4) 1:11,22 | 138:24 |
| 101:11 | 54:2 64:24 | 5:25 22:9 | 6:2 50:17 | 25:9,9 | federal (3) |
| 106:9 107 | establish (1) | 50:14 64:9 | 64:12,13 | face (2) 70:20 | 135:23,25 |
| 107:12 | 25:22 | example (1) | 132:25 | 71:22 | 136:1 |
| 139:7 | established... | 72:1 | 133:5,14 | facility (2) | feel (8) 30:18 |
| enhanced (1) | 69:24 101 | exceed (1) | experience... | 29:11,22 | 30:19 35:17 |
| 33:24 | 127:18 | 125:8 | 137:12 | fact (15) $8: 16$ | 107:6 |
| enhanceme... | estate (4) | excess (1) | experiment... | 36:12 52:25 | 108:18 |
| 72:13 | 92:23 | 32:13 | 136:14 | 56:19 60:19 | 131:14 |
| enhancing | 103:17 | excuse (3) | expert (10) | 68:21,21 | 135:4 |
| 93:2 | 119:4 121:7 | 28:9 116:15 | 6:4,25 | 74:17,21 | 137:17 |
| enjoy (1) | evaluation ... | 116:15 | 21:18 22:4 | 80:14 82:19 | feeling (1) |
| 138:10 | 22:18 23:4 | excused (2) | 44:19 51:9 | 82:22 84:7 | 105:23 |
| ensure (2) | 28:24 | 21:10 49:19 | 51:13 65:14 | 84:23 104:3 | feet (46) 3:13 |
| 88:8 104:25 | evening (9) | exhibit (3) | 88:5 92:23 | factor (4) | 11:15,16,18 |
| enter (1) 29:8 | 3:4,17 4:16 | 2:17 7:18 | expertise (2) | 29:19 30:11 | 11:18 30:5 |
| entertain (2) | 24:13 26:8 | 67:4 | 6:3 50:17 | 30:22,25 | 30:8,10 |
| 35:9 36:10 | 26:21 27:21 | exhibits (5) | Expires (1) | factors (2) | 31:15 33:17 |
| entire (3) | 64:19 127:6 | 2:16 5:10 | 142:22 | 99:24 | 42:21,22,24 |
| 59:1 87:22 | evenings (1) | 5:12 7:13 | explain (4) | 100:23 | 43:8,8 52:8 |
| 87:23 | 27:23 | 7:14 | 3:21 4:17 | factory (1) | 53:8,23 |
| entirely (1) | event (5) | exist (2) 18:5 | 4:19 5:8 | 138:15 | 58:7,12,16 |
| 71:6 | 39:15,16,25 | 113:22 | expressly (1) | fair (5) 10:21 | 58:22,23 |
| entity (1) | 110:10,11 | existed (1) | 48:5 | 33:25 34:1 | 59:8 60:2 |
| 24:18 | events (1) | 110:22 | extend (2) | 117:24 | 63:12 68:22 |
| entry (1) | 40:7 | existing (16) | 125:7 126:6 | 135:14 | 72:18 74:9 |
| 52:16 | eventually ... | 2:20 7:9 | extends (1) | familiar (2) | 74:10,11,12 |
| environme... | 19:6 | 11:10 22:21 | 68:12 | 22:3 24:16 | 74:18,18 |
| 77:18 79:1 | evergreen (1) | 22:23 23:2 | extensive (1) | families (2) | 76:11 84:1 |
| 82:8 93:6 | 95:16 | 27:6 28:19 | 127:20 | 93:22 | 84:3,8,21 |
| environme... | everybody ... | 29:10,22 | extensively... | 139:14 | 88:22 89:1 |
| 9:1 64:16 | 27:18 | 33:14,14 | 26:4 27:6 | family (2) | 97:13,15 |
| 70:3 86:21 | 139:10 | 67:13,20 | extent (1) | 52:17 70:11 | 98:1,1,3 |
| environme... | evidence (8) | 78:21 99:13 | 95:14 | far (8) $15: 3$ | felt (1) 106:9 |
| 102:16 | 2:21 110:24 | exists (3) | exterior (8) | 22:11 42:15 | fibrous (1) |
| environme.. | 111:8 | 36:14 99:9 | 52:14 53:5 | 51:19 54:4 | 54:18 |


| 6:22 7:1 | 52:1 63:25 | 41:15 | former (1) | 68:18 70:16 | 110:23 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 21:19 22:5 | 67:24 92:22 | floodplain ... | 103:11 | 96:18 98:12 | 111:4,7,10 |
| 50:22 65:6 | 95:6 106:1 | 8:20 | formulate (1) | 98:13 103:4 | 111:14,18 |
| 88:19 89:11 | 108:1 109:8 | floor (17) 4:8 | 59:15 | 106:21,22 | 111:24 |
| 96:5 | 110:1 | 11:17 51:21 | forth (5) | 133:3 | 112:3,6,10 |
| fields (2) | 118:20 | 52:25 53:1 | 22:23 25:17 | foyer (1) | 112:23 |
| 65:15 96:4 | 122:20 | 53:11 54:1 | 56:10 61:24 | 52:16 | 113:6,24 |
| file (2) 13:17 | 135:17 | 59:3,7 73:5 | 91:11 | frame (6) | 114:5,20 |
| 67:4 | 136:14 | 74:7,15 | forum (1) | 51:25 71:13 | 115:8 |
| final (3) | fit (8) 44:16 | 83:25 84:2 | 121:21 | 71:20,24,25 | 116:15,19 |
| 54:15 60:12 | 44:24 89:25 | 85:12 93:24 | forward (7) | 72:5 | 117:8,15,20 |
| 123:6 | 98:12 | 96:7 | 11:6 33:19 | Frames (2) | 117:25 |
| finally (1) | 106:14 | floors (1) | 119:8 | 71:4,17 | 118:7,12 |
| 106:7 | 129:25 | 73:8 | 120:10,19 | FRASER (... | 120:21 |
| find (7) 10:24 | 131:22 | flow (1) | 128:25 | 1:18 3:10 | 121:10,18 |
| 27:8,14 | 133:21 | 27:20 | 139:23 | 5:17,21 | 122:1,6,23 |
| 45:20 54:8 | fits (2) 44:22 | foliage (1) | found (2) | 6:18,21,24 | 123:7,11,19 |
| 66:11 | 118:23 | 34:6 | 23:12 76:23 | 7:23 14:11 | 123:25 |
| 136:25 | five (18) 4:24 | follow (1) | foundation... | 15:7,19 | 124:18,23 |
| finding (1) | 8:7 10:4 | 66:4 | 66:18 73:11 | 16:21 17:14 | 125:10,22 |
| 28:17 | 26:8,21 | following (1) | 111:21 | 17:19 21:6 | 130:15,24 |
| findings (1) | 27:18 28:1 | 49:6 | four (13) | 21:13,17,22 | 139:24 |
| 22:14 | 35:24 37:4 | follows (11) | 4:23 10:2 | 22:2 36:18 | 140:12,20 |
| fine (3) 93:15 | 48:10 71:17 | 5:16 21:12 | 23:16 26:7 | 36:25 37:3 | free-flow (1) |
| 118:6 | 72:16,21 | 50:8 52:11 | 26:10,20 | 37:10 43:2 | 78:19 |
| 122:11 | 75:24 84:21 | 63:25 106:2 | 27:25 37:4 | 43:9 46:11 | free-for-all ... |
| fine-tuned ... | 119:1 | 108:2 109:9 | 52:6 72:16 | 48:1,13 | 70:21 |
| 29:1 | 140:21 | 110:2 | 97:4 99:4 | 49:20,25 | freeway (1) |
| finished (1) | 141:19 | 118:21 | 99:11 | 50:9 51:2,4 | 24:19 |
| 119:10 | fives (1) | 122:20 | fourth (49) | 51:8,12 | frequencies... |
| finishes (2) | 72:23 | foot (8) 8:5 | 1:8 3:2,19 | 56:2,12,22 | 40:13 |
| 54:4,7 | fix (1) $70: 19$ | 30:15 39:19 | 8:10,13 | 57:1 58:2 | friend (1) |
| fire (16) 16:5 | fixed (1) 34:9 | 58:18 63:9 | 9:22 11:11 | 58:19 59:3 | 137:21 |
| 16:7,9,13 | fixing (3) | 70:15,20 | 17:22 23:9 | 59:5 60:1 | front (22) |
| 16:22 32:3 | 33:9,17 | 74:15 | 23:19 24:3 | 60:24 63:14 | 8:12 9:25 |
| 32:7,8 57:7 | 34:4 | footprint (1) | 24:8,11,24 | 64:1,7 65:2 | 10:1 29:13 |
| 57:13,14,21 | flag (1) $129: 4$ | 53:22 | 24:25 29:14 | 65:6,13,17 | 29:16 30:4 |
| 80:18 82:4 | flanking (1) | force (2) | 29:19,24 | 66:23 67:15 | 30:4 32:6 |
| 127:11 | 52:3 | 30:20 50:19 | 30:2 33:2 | 85:19,25 | 33:18 39:17 |
| 131:13 | flashing (7) | forced (1) | 33:21 34:9 | 86:6 91:3 | 58:15 70:12 |
| fireplace (1) | 33:5 35:10 | 56:9 | 34:20,22,24 | 91:10,17,23 | 70:15 71:5 |
| 53:13 | 35:22 36:6 | foregoing (1) | 35:1,10,11 | 92:3 94:12 | 71:878:23 |
| firm (2) $3: 5$ | 36:6 37:17 | 142:12 | 35:13 36:9 | 94:23 95:5 | 104:7 |
| 27:5 | 37:18 | foreground... | 39:5 40:15 | 105:12,22 | 108:16 |
| first (20) 4:17 | flatten (1) | 113:4 | 46:23 47:14 | 106:3 | 119:1 |
| 5:16 21:12 | 59:11 | form (4) 11:8 | 48:4,16 | 107:20 | 128:23 |
| 22:20 23:6 | flip (1) 75:2 | 79:18 98:9 | 49:2 51:23 | 109:1,22 | 129:7 |
| 33:1 50:7 | flipped (1) | 99:15 | 54:6 68:16 | 110:5,9,17 | 130:11 |


| frontage (1) | 9:25 10:1 | 27:9 28:8 | 15:2 17:19 | 5:10 12:23 | 122:9,14 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 71:16 | 52:12,15,24 | 28:15 80:15 | 19:7 22:21 | 13:4 14:17 | 125:5,25 |
| fronting (4) | 104:3,10 | 136:8 | 27:20 32:25 | 15:23 19:21 | 127:9,9,20 |
| 15:16 29:9 | garages (4) | gentleman ... | 34:17 38:14 | 19:24 20:8 | 127:21,24 |
| 29:10 68:15 | 29:17 55:25 | 46:20 47:5 | 38:16,17,18 | 20:9 29:4 | 129:5 |
| full (5) 50:19 | 73:1 104:6 | 122:16 | 41:10 44:14 | 30:18,19,19 | 130:25 |
| 70:14 94:6 | garbage (9) | gentleman'... | 44:15,25 | 30:21 37:6 | 131:15,17 |
| 101:18,21 | 10:10,12 | 72:19 | 46:17,22 | 41:3 44:20 | 131:21 |
| fully (4) 29:1 | 13:10 14:3 | geometry (2) | 47:23 49:8 | 45:8,11 | 132:7,14,18 |
| 57:12,21 | 32:2,10 | 36:12 70:2 | 54:11,24 | 46:17,21,22 | 133:2,4,5 |
| 137:4 | 56:1,2,5 | Georgia (4) | 61:15 62:1 | 47:8,10,15 | 133:23 |
| function (1) | Garwood (... | 1:13 126:10 | 67:22 73:17 | 47:20 48:6 | 134:9 138:3 |
| 25:2 | 1:1,3 6:14 | 140:19 | 81:6,7 | 48:14,15,19 | 138:14 |
| fundament... | 68:10,22 | 141:4 | 86:16 88:13 | 48:20 53:5 | 139:1,2,4,6 |
| 109:17 | 76:3 77:23 | getting (2) | 89:8,12 | 53:18 54:7 | 139:7 |
| further (24) | 78:8 96:18 | 11:25 56:14 | 90:5 91:8 | 54:9,10,11 | gonna (1) |
| 12:12 29:19 | 100:21 | Gilbralter (... | 95:4 98:17 | 54:24 55:4 | 92:14 |
| 30:13 33:11 | 101:2,14 | 63:24 64:5 | 100:12 | 58:9 59:12 | good (18) 3:4 |
| 36:16 57:23 | 102:9 103:4 | gist (2) 56:23 | 103:15 | 61:17,18 | 24:9 25:12 |
| 58:1 85:17 | 106:1,25 | 56:25 | 112:24 | 62:25 65:14 | 26:24 34:11 |
| 88:15 92:2 | 118:18,20 | give (23) 6:1 | 114:15,25 | 66:8,9,23 | 38:19 40:15 |
| 92:9 93:14 | 120:2 | 7:8 21:14 | 115:3,4 | 67:1,2,3,24 | 45:15 46:14 |
| 93:17 96:16 | 129:18 | 23:17,20 | 118:12,13 | 68:4,13 | 48:9 54:15 |
| 97:24 105:5 | 136:18 | 24:4 38:9 | 120:17,18 | 69:13,16 | 70:4 75:11 |
| 105:8,10 | 137:2,5 | 43:13 50:10 | 121:3,4,16 | 71:15 72:7 | 77:24 93:3 |
| 114:21 | gas (1) 56:9 | 50:16 51:20 | 125:3 | 75:21 79:2 | 106:10 |
| 115:9 118:7 | Gene (4) 1:13 | 54:5 56:19 | 130:14 | 81:17 82:14 | 131:21 |
| 118:10 | 126:7 | 64:2,11 | 131:14 | 84:25 85:1 | 132:4 |
| 124:21 | 133:10 | 67:9 71:4 | 132:11 | 86:9 88:8 | good-stand... |
| 127:10 | 141:1 | 71:17,25 | 133:16 | 93:8,9 94:8 | 65:5 |
| furthest (1) | general (5) | 89:18 91:1 | 134:11 | 94:18,20,24 | governing (... |
| 31:7 | 22:14 68:25 | 111:11 | 135:11 | 94:25 95:2 | 82:23 83:12 |
| future (5) | 134:20 | 117:1 | 138:7,18,21 | 95:4 96:9 | 90:14 |
| 41:11 89:7 | 136:19 | given (3) | 138:24 | 97:5,8 98:5 | governmen... |
| 110:4,13 | 137:5 | 66:5 85:15 | goal (2) | 98:23 104:7 | 136:1 |
| 123:4 | generally (2) | 96:12 | 78:14 | 105:22,23 | grade (6) |
|  | 82:7 83:1 | gives (2) 68:1 | 101:10 | 107:6,8 | 25:8 52:12 |
| G | generate (7) | 71:13 | goals (1) | 108:17,18 | 52:17 53:4 |
| G (4) 21:12 | 23:1 25:21 | giving (1) | 101:12 | 108:19 | 53:7 56:11 |
| 50:7 63:24 | 26:7,10 | 84:12 | goes (9) | 110:3,18 | graduate (2) |
| 77:21 | 28:12,22 | gladly (1) | 18:10 49:9 | 112:13 | 6:6 50:20 |
| GAF (1) | 81:1 | 12:3 | 75:20 90:13 | 114:14,15 | grandfathe... |
| 54:23 | generated (1) | glare (2) 81:2 | 100:2 | 115:3,4,6 | 124:7 |
| Gallows (1) | 28:13 | 105:1 | 104:14 | 116:16 | granite (1) |
| 8:18 | generates (2) | Glenn (3) | 106:21 | 117:2 | 73:8 |
| $\boldsymbol{\operatorname { g a p }}$ (2) $24: 23$ | 28:10,21 | 2:10 49:17 | 114:17 | 118:12 | grant (5) |
| 25:1 | generation ... | $50: 11$ | 115:1 | 119:8,22 | 127:8,19 |
| garage (7) | $25: 2426: 2$ | go (61) 5:9 | going (132) | 120:7 122:8 | 128:8 |


| 139:22,24 | 123:1,17 | 67:3 | 132:3,17 | 124:24 | 50:25 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| granted (2) | 139:20 | hands (1) | hearing (4) | Heidi (4) | highlighted... |
| 81:9 110:12 | guessing (2) | 122:12 | 110:9,13 | 125:13,15 | 128:3 |
| grassed (1) | 117:6,9 | hanging (1) | 122:7 | 128:22 | highlights (... |
| 9:7 | guesstimati... | 31:15 | 141:22 | 130:11 | 12:2 |
| Grasso (1) | 59:9 | happen (3) | heart (1) | Heidi's (2) | highly (1) |
| 85:11 | gutters (1) | 34:19 | 69:10 | 103:6 | 138:6 |
| gray (4) 9:5 | 55:1 | 107:11 | heavier (1) | 119:14 | highway (1) |
| 54:25 94:3 | guy (1) | 122:22 | 23:23 | height (17) | 108:7 |
| 98:8 | 114:25 | happened (2) | Hehl (79) | 4:7 11:14 | Hill (1) 8:18 |
| great (4) 44:2 | guys (1) | 119:16,17 | 1:21,21,22 | 11:16 52:8 | Hillside (1) |
| 58:11 72:22 | 123:5 | happening ... | 2:7,9,10,12 | 58:19 59:6 | 6:14 |
| 131:16 | gym (1) | 87:19 | 3:3,4,5,5,5 | 60:174:17 | historic (2) |
| greater (3) | 89:13 | happens (3) | 3:8,10,16 | 84:6,6,9,10 | 80:3 100:14 |
| 15:24 69:1 |  | 32:5 39:16 | 5:25 7:4,6 | 84:12,13,14 | historical (1) |
| 69:22 | H | 114:24 | 12:12 13:7 | 85:11 104:5 | 103:15 |
| green (11) | H (7) 5:15 | happiest (1) | 14:18,22 | Hello (1) 64:3 | hit (1) $86: 11$ |
| 9:6 18:2 | 21:12 63:24 | 137:22 | 15:8,9 | help (3) | hold (6) |
| 54:22,22 | 63:24 78:18 | hard (3) | 16:15 19:25 | 35:20 62:14 | 50:18 64:13 |
| 94:3 95:6 | 110:1 | 109:11 | 20:22 21:7 | 104:5 | 64:17 75:21 |
| 95:10 96:12 | 122:20 | 112:16 | 21:8,20,21 | helps (1) 11:7 | 113:24,25 |
| 97:9 98:8 | Hak (15) | 131:12 | 22:7,9 | hereinbefo... | holding (1) |
| 135:6 | 1:15 12:20 | hardship (1) | 28:25 36:15 | 142:15 | 115:1 |
| greenery (1) | 13:11 14:3 | 128:21 | 49:16 50:14 | Hess (1) | holds (1) |
| 71:16 | 14:8 37:14 | hardwood ... | 51:17 56:13 | 138:21 | 55:10 |
| grill (1) 82:4 | 37:25 38:2 | 73:8 | 56:17 57:22 | hey (2) 27:11 | hole (4) |
| gross (5) 53:9 | 38:15 44:6 | Hardy (4) | 58:3 63:19 | 39:23 | 102:4 111:3 |
| 53:10,11 | 126:23,24 | 54:11,13,18 | 64:9 65:20 | hidden (7) | 114:15 |
| 87:10,11 | 132:2 | 54:20 | 65:22 66:21 | 31:3 33:3 | 115:5 |
| ground (2) | 141:16,17 | hazard (1) | 85:16,20,21 | 33:10 34:3 | holidays (1) |
| 59:671:2 | half (3) 27:9 | 57:14 | 105:8 | 39:13,14,20 | 45:10 |
| grounds (1) | 27:24 53:13 | headfirst (1) | 107:20,22 | high (14) | home (15) |
| 13:6 | hand (1) | 10:13 | 109:1,3,22 | 40:13 58:7 | 26:12 46:21 |
| Grove (1) | 122:11 | health (4) | 109:23 | 72:7,21,23 | 73:16 87:13 |
| 50:24 | hand-sketc | 80:10,20,24 | 115:12,13 | 73:7,9,9 | 97:22,24 |
| growth (2) | 89:24 | 86:11 | 115:19,23 | 75:24 95:3 | 103:6 |
| 76:19 85:8 | handed (2) | hear (5) | 116:3,7,13 | 95:4 96:6 | 129:14 |
| Grub (1) | 66:24 67:1 | 45:14 56:20 | 118:1,2,6,8 | 104:12,20 | 135:15,20 |
| 85:10 | handicap (4) | 85:19,24 | 118:9 | higher (7) | 135:21 |
| guarantee (... | 20:13,14,17 | 86:5 | 120:21,23 | 30:17 49:7 | 136:10,10 |
| 134:5 | 38:8 | heard (15) | 123:9 | 54:20 68:24 | 136:12 |
| guard (1) | handing (1) | 7:7 9:20 | 124:10,20 | 69:7 77:2 | 137:24 |
| 41:3 | 112:12 | 11:12 22:10 | 124:22 | 129:21 | homeowne... |
| guess (8) | handle (2) | 24:14 28:24 | 127:1,2 | highest (4) | 13:16,18,20 |
| 53:1 91:7 | 33:7 132:14 | 51:18 65:23 | 128:14 | 45:21 | 15:8,11 |
| 105:20 | handled (1) | 70:13,16 | 141:20 | 136:20,21 | 136:23 |
| 115:5 | 56:6 | 78:19 85:25 | Hehl's (2) | 136:25 | homes (28) |
| 119:10 | handout (1) | 131:22 | 117:21 | Highland (1) | 3:18 15:12 |


| 15:15 29:15 | hours (10) | hundreds (1) | 30:12,13 | increments... | 100:23 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 29:22 31:6 | 23:10,11,13 | 72:21 | 31:20 | 23:15 | interconne... |
| 33:11 52:3 | 23:15,16 | hunter (1) | impedes (1) | indestructi. | 90:9 |
| 52:4,21 | 26:21 37:19 | 54:22 | 30:12 | 55:11 | interest (1) |
| 54:8 90:15 | 45:18,21 | HVAC (2) | implication... | INDEX (1) | 55:20 |
| 91:16 96:3 | 125:14 | 56:9,10 | 109:21 | 2:3 | interested (2) |
| 96:19 97:6 | house (18) | I | implies (1) | indicate (1) | 78:12 90:24 |
| 101:3 102:9 | 53:19 82:3 | I | 68:23 | 11:13 | interesting ... |
| 102:10 | 92:17 94:11 | ice (1) 10 | imply (1) | indicated (2) | 133:12 |
| 106:13 | 94:13,22 | idea (4) | 69:7 | 9:1 55:19 | interior (1) |
| 119:2,3 | 96:22,23 | 34:11 37:21 | importance... | indicates (2) | 52:13 |
| 121:2 129:4 | 97:1,5,7,17 | 54:13 | 77:1 | 77:16 79:5 | internal (3) |
| 131:2 | 98:17,18,18 | 115:24 | important ... | indicator (3) | 23:5 29:5 |
| 133:19 | 113:12 | identical (2) | 71:22 72:13 | 76:177:12 | 56:1 |
| 137:2,20 | 129:5 | 28:14 53:22 | 81:13,14 | 83:18 | interrelate... |
| homey (1) | 133:18 | identificati... | 134:6 | indicators (... | 74:2,7,19 |
| 108:18 | houses (6) | 2:16 8:2 | importantl... | 75:13,15 | 83:15,25 |
| honor (1) | 90:4 91:8 | 50:5 67:1 | 64:18 73:18 | inevitable (1) | intersectio... |
| 127:24 | 92:15 123: | identified (2) | 77:14 | 81:15 | 8:11 9:24 |
| hood (1) 81:5 | 132:19 | 19:9 68:8 | improveme... | informatio... | 23:9 24:8 |
| hook (1) 32:4 | 133:17 | Ileen (3) | 4:13 70:22 | 82:23 | 24:19,21 |
| hope (2) | housing (26) | 105:18,19 | 71:10 78:20 | ingress (1) | 25:4,12 |
| 120:15 | 44:22,24 | 105:22 | 80:13 | 23:5 | 30:24 31:8 |
| 133:1 | 69:15 70:7 | illegal (2) | improveme... | ingress/eg | 34:18 35:11 |
| hopefully (4) | 73:17,17 | 62:13 | 7:11 127:22 | 127:16 | 35:13,17 |
| 119:9 | 75:12,14 | 114:18 | improving ... | inherent (1) | 36:14 40:2 |
| 120:11,19 | 76:3,4,6 | image (1) | 92:25 | 83:23 | 41:18,22 |
| 138:6 | 78:13 98:10 | 79:4 | in's (1) 84:24 | inheritance... | 68:16 69:5 |
| Horace (6) | 101:13,19 | imagine (2) | inappropri... | 19:12 | 80:3,14 |
| 17:12,17,18 | 101:20 | 29:23 47:20 | 38:25 | inherited (1) | introduced... |
| 61:11 99:6 | 104:12 | immediatel... | inches (1) | 18:25 | 41:6 137:25 |
| 109:24 | 119:18,23 | 32:7 | 31:14 | inside (1) | introducin... |
| hour (31) | 120:4 128:5 | impact (17) | inclined (1) | 70:17 | 40:14 89:21 |
| 23:17,21,22 | 135:14,18 | 4:20 22:12 | 30:23 | Institute (1) | inventory (1) |
| 23:23,24 | 136:11,18 | 22:17 28:18 | include (4) | 25:23 | 22:23 |
| 24:1,2,13 | 137:15 | 36:9,20,23 | 40:16 73:15 | integrity (1) | invert (1) |
| 25:14 26:6 | hub (1) $72: 9$ | 37:7 46:15 | 87:22,23 | 86:12 | 62:4 |
| 26:6,7,8,8 | hubs (3) | 46:19 86:10 | included (2) | intelligent (... | investigati... |
| 27:25 28:1 | 76:20 77:3 | 96:9 106:17 | 26:23 87:17 | 122:14 | 136:17 |
| 28:2,9 30:9 | 92:25 | 106:18,19 | including (3) | intended (1) | investment... |
| 30:9,16,17 | HUD (2) | 106:19 | 20:14 64:22 | 32:12 | 85:6 |
| 30:23 37:5 | 135:13,17 | 107:10 | 73:7 | intensity (5) | involved (2) |
| 41:4 47:10 | huge (3) | impacts (3) | income (1) | 27:4,9 | 44:21 |
| 47:19 48:21 | 98:23 | 22:18 23:3 | 101:19 | 68:24 69:1 | 101:19 |
| 108:6 126:6 | 106:13 | 28:16 | incorporat. | 69:7 | irregular (1) |
| 127:3 | 108:20 | impairmen... | 100:25 | intent (4) | 68:7 |
| hourly (1) | hundred (2) | 31:2 81:10 | incorrect (1) | 34:15 69:18 | issue (7) |
| 26:11 | 60:16 72:22 | impairs (3) | 129:16 | 83:21 | 11:20 16:18 |


| 41:874:17 | 103:23 | kinds (1) | 129:1,16,19 | large (2) | 79:13 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 110:4 130:8 | John (7) 2:11 | 106:17 | 129:21 | 55:25 83:5 | leave (4) |
| 134:17 | 19:19 46:9 | kitchen (2) | 130:1,3,6,9 | largely (1) | 26:12 29:14 |
| issued (2) | 63:21 64:4 | 53:13 81:4 | 130:11,16 | 8:14 | 30:6 95:9 |
| 22:15 32:24 | 122:17 | knew (2) | 131:2,11,13 | larger (4) | leaving (2) |
| issues (3) | 129:14 | 60:3,4 | 131:20 | 10:10 70:11 | 27:18,19 |
| 80:22 | Joseph (3) | knock (1) | 132:6,13 | 70:12 | LED (1) 33:5 |
| 127:10,12 | 2:8 21:9,16 | 94:8 | 135:13 | 119:21 | left (9) 7:14 |
| ITE (2) 25:23 | JR (1) 1:18 | knocked (3) | 136:14 | lastly (5) | 24:10,23,24 |
| 26:4 | jump (1) | 108:19 | 137:14 | 35:24 78:17 | 30:7 33:20 |
| item (1) 33:1 | 14:9 | 119:10 | 138:11 | 79:7,15,24 | 42:12 46:22 |
| items (1) | jumps (1) | 129:15 | known (1) | lasts (1) | 139:6 |
| 32:25 | 39:17 | know (85) | 8:18 | 55:10 | lefts (1) 25:7 |
|  | June (1) | 8:8 9:12 | knows (2) | late (1) | legal (3) |
| J | 142:21 | 11:1 12:21 | 67:21 | 141:21 | 123:17 |
| J (9) 2:7,8 | jungle (1) | 12:24,25 | 120:17 | laundry (1) | 124:9 134:5 |
| 5:8,15,19 | 89:12 | 13:12 20:10 |  | 53:19 | legitimate (2) |
| 21:12,12 |  | 37:18 38:1 | L | Lauren (2) | 116:24 |
| 63:24 | K | 40:20 41:1 | L (6) 50:7 | 93:18 | 117:25 |
| 122:20 | K (1) 122:20 | 42:17 44:6 | 106:1 108:1 | 104:17 | leisurely (1) |
| Jannotti (16) | Kathy (5) | 47:5 48:19 | 109:8 | law (13) $4: 2$ | 27:22 |
| 1:13 16:25 | 1:14 86:15 | 56:5 60:3,7 | 118:20,20 | 13:16 44:7 | lend (1) $73: 9$ |
| 45:2,3,7,13 | 126:13 | 60:18 61:4 | L-O-B-E (2) | 52:20 66:12 | lessen (1) |
| 45:23 88:4 | 134:18 | 62:11,25 | 62:20 99:23 | 75:9 76:23 | 76:21 |
| 89:2,14 | 141:7 | 63:164:10 | ladder (1) | 78:14 87:9 | lessening (1) |
| 126:8,9 | keep (3) | 70:2 86:20 | 32:4 | 123:24 | 79:13 |
| 133:11 | 59:17 122:9 | 89:21 94:21 | laid (1) 99:24 | 135:13,23 | lessor (1) |
| 139:11 | 122:10 | 95:4,23 | land (13) $4: 2$ | 135:25 | 27:4 |
| 141:2,3 | key (7) $29: 7$ | 100:5,15,16 | 26:3,3 | lawfully (1) | let's (1) 131:3 |
| January (1) | 29:19 33:8 | 100:21 | 66:12 75:9 | 100:12 | letter (2) |
| 23:7 | 43:22 59:17 | 103:5,6,10 | 76:8 78:14 | lawn (1) | 15:21 32:24 |
| jeopardizin... | 75:15 83:18 | 103:14 | 79:8 82:11 | 104:8 | level (21) |
| 40:17 | keystones (1) | 106:13 | 87:9,10 | laws (1) | 24:9,9,10 |
| Jersey (21) | 55:15 | 107:11 | 90:24 | 87:13 | 25:16 27:1 |
| 1:3,23 5:15 | khaki (1) | 108:4,6,11 | 100:12 | lawyer (1) | 37:6 52:16 |
| 5:23 6:8 | 54:17 | 111:17 | landing (1) | 123:20 | 52:24,25 |
| $22: 127: 7$ 49:4 50:7 | kids (5) | 112:21,25 | 71:6 | lay (1) | 53:2,4,6,6,7 |
| 49:4 50:7 | 27:19 98:17 | 113:5 | landscape (7) | 111:20 | 53:8,10,11 |
| 63:24 64:6 | 108:9,12 | 114:19 | 63:21 64:17 | layout (10) | 53:12,16,20 |
| 69:3 75:15 | 137:9 | 115:16,19 | 64:17 65:7 | 3:25 4:18 | 78:10 |
| 76:14 77:23 | kind (13) | 116:13,25 | 65:10 | 20:8 29:2 | levels (8) |
| 106:1 108:1 | 10:18 27:11 | 117:12,15 | 104:20 | 41:25 57:17 | 24:15,17 |
| 109:8 110:1 | 35:25 37:16 | 117:18,23 | 106:14 | 89:18,23 | 25:8,13,14 |
| 118:20 | 37:19 59:16 | 118:25 | landscapin... | 109:13,14 | 26:24 28:18 |
| 142:12 | 61:13 99:4 | 119:16,17 | 55:21 84:16 | layperson's... | 37:9 |
| job (2) 27:18 | 119:16 | 120:15,17 | 127:21 | 124:7 | LEWIS (17) |
| 70:4 | 127:8 129:3 | 121:23 | lanes (1) | lays (1) 73:11 | 1:19 126:3 |
| Joe (1) | 129:5 132:8 | 125:5 129:1 | 22:23 | leads (1) | 126:7,10,13 |


| 126:16,19 | 112:17,19 | Lobe (15) | 78:17 84:25 | 10:6 11:6 | magic (2) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 126:22 | 112:22 | 62:19,19 | 85:1 87:10 | 12:22 20:25 | 69:6 80:1 |
| 140:17,23 | 113:5,18 | 63:2,6,10 | 96:2 100:4 | 29:13 41:2 | magnitude ... |
| 141:1,4,7 | 116:6 | 99:23,23 | 115:14,24 | 41:4 45:8 | 23:20 24:5 |
| 141:10,13 | 117:12 | 100:17,20 | 119:22 | 59:11 69:24 | 28:3,12 |
| 141:16,18 | linear (2) | 101:12,23 | 120:18 | 69:25 75:4 | main (8) 53:6 |
| Liberty (1) | 79:19,23 | 102:8,15,25 | 131:15,16 | 79:17 80:21 | 53:6,10,25 |
| 46:10 | lines (2) 34:7 | 109:10 | 133:16,17 | 82:22 85:19 | 66:10 |
| license (3) | 82:16 | local (4) | 133:22,22 | 94:20 95:1 | 106:25 |
| 21:25 64:18 | list (1) 54:12 | 66:12 68:17 | 134:2 | 95:8 100:2 | 129:22 |
| 142:23 | listened (1) | 77:18,20 | 137:15 | 102:4 104:2 | 134:3 |
| licensed (1) | 41:2 | located (9) | 138:19 | 107:1 | maintain (1) |
| 50:21 | listening (3) | 8:6,8 9:15 | 139:2,5 | 108:17,18 | 13:6 |
| licenses (7) | 133:14,15 | 9:22,23 | looked (4) | 112:9 | maintained... |
| 6:18 21:23 | 133:16 | 10:5,7 52:1 | 40:10 41:11 | 125:14 | 12:23 |
| 50:18,19 | litigation (1) | 56:10 | 57:8 98:15 | 129:4,10 | maintenan... |
| 51:4,6 65:2 | 87:14 | location (7) | looking (44) | 132:7 | 13:9 |
| light (10) | litmus (1) | 10:18 35:18 | 3:22 16:10 | 133:13 | majestic (1) |
| 35:11,15,15 | 137:19 | 35:23 38:8 | 17:23 20:7 | 134:18 | 138:22 |
| 35:22 36:6 | little (15) | 80:2 137:17 | 30:7 37:16 | love (1) | major (3) |
| 36:6 37:17 | 23:23 55:19 | 137:17 | 42:1 44:23 | 108:10 | 16:12 130:8 |
| 37:18 57:14 | 56:14 73:19 | locations (2) | 51:24 54:16 | low (4) 26:25 | 134:17 |
| 106:22 | 75:3 83:14 | 26:16 77:22 | 65:11 66:7 | 28:5 59:17 | majority (3) |
| lighting (2) | 95:19 | Locust (2) | 69:8,11,15 | 101:19 | 58:20,21 |
| 11:3 127:10 | 101:23 | 118:18,20 | 69:21 70:1 | low-growin... | 94:8 |
| lights (6) | 103:9 | long (13) | 70:19 71:9 | 43:24 | making (7) |
| 33:5 35:12 | 118:24 | 8:16 25:10 | 72:4,6,14 | M | 25:6 28:19 |
| 49:8 104:19 | 119:12 | 96:23,24 | 72:20 73:6 | M | 42:11,13 |
| 104:20 | 133:20 | 100:2 124:4 | 74:4,12,13 | M (3) 5:15 | 47:20 87:19 |
| 105:1 | 135:6 | 124:6 | 74:15 75:24 | 79:7 108:1 | 102:5 |
| limbs (1) | 136:25 | 125:12,13 | 77:5,18 | M-C (1) 64:4 | mall (1) |
| 31:15 | 138:23 | 125:20,22 | 78:24 80:12 | M-c-C-O-.. | 106:18 |
| limit (5) 30:8 | live (8) 20:15 | 125:25 | 83:7 84:1 | 03:24 | mandated ... |
| 31:9 46:16 | 47:17 98:19 | 132:20 | 85:3 93:23 | 104:18 | 15:12 |
| 86:25 125:8 | 106:10 | longer (3) | 102:3 | ma'am (1) | manifest (1) |
| limited (2) | 113:12 | 39:19 55:10 | 119:21 | 94:11 | 90:7 |
| 70:17 | 132:3 136:5 | 77:25 | 129:6,12 | MacINDO... | manual (1) |
| 105:16 | 137:10 | look (45) | 134:9 | 1:13 15:10 | 25:24 |
| limiting (1) | lived (1) | 18:15 20:9 | 137:12 | 126:11,12 | $\boldsymbol{m a p}(2) 19: 4$ |
| 102:16 | 98:14 | 37:17,23,24 | 139:3 | 131:19 | 59:21 |
| limits (1) | lives (1) | 40:7,12,18 | looks (3) | 140:7 141:5 | mapping (2) |
| 81:24 | 137:21 | 40:22 41:9 | 55:11 69:4 | 141:6 | 19:1,2 |
| line (17) 9:16 | living (10) | 42:2,2 54:5 | 84:5 | mad (1) | mark (10) |
| 44:10 58:25 | 53:6,8,9,10 | 54:16 58:10 | lose (2) | 115:11 | 5:9,13 7:22 |
| 84:18,19 | 53:12 59:15 | 66:8,9 68:3 | 108:17,18 | Madam (5) | 58:18 66:20 |
| 88:18 90:4 | 77:24 108:5 | 72:4 73:18 | $\boldsymbol{l o t}(40) 1: 8$ | 6:24 51:12 | 88:20 |
| 95:9 97:12 | 108:15 | 75:8,13 | 8:4,5,9,14 | 65:18 66:15 | 111:10,11 |
| 97:12 | 138:10 | 76:24 77:10 | 8:25 9:3,9 | 125:11 | 111:14,18 |


| marked (10) | 138:15 | 14:8 41:1 | 17:6,7 | members (6) | 15:11 81:3 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2:16 8:2 | max'd (1) | 48:18 54:9 | 19:17 21:4 | 46:4 92:10 | 90:3 95:20 |
| 49:20 50:4 | 11:19 | 56:2 61:20 | 37:14,25 | 105:13 | 98:7 120:13 |
| 67:7,8,14 | maximize (1) | 79:20 81:23 | 38:15,23 | 128:14 | 131:24 |
| 88:19 | 34:7 | 89:23 93:10 | 39:6 40:1 | 133:13,15 | minds (1) |
| 112:12 | maximum ... | 95:3 121:2 | 40:24 41:13 | Memorial (1) | 132:3 |
| 114:2 | 10:16 11:16 | 128:22 | 41:17,19 | 112:1 | minimal (2) |
| market (8) | 11:17 30:16 | 129:13 | 42:6,10,16 | mention (2) | 25:9 80:8 |
| 72:177:16 | 33:6 | 130:4,7 | 42:20,25 | 6:15 129:16 | minimum (4) |
| 101:18,21 | MAYOR (1) | 136:3 | 43:12,19 | mentioned ... | 29:12 38:7 |
| 101:22 | 1:12 | meaning (1) | 44:1,6,13 | 3:19 4:25 | 38:7 97:18 |
| 119:4 137:4 | Mc (2) 63:24 | 27:15 | 44:18 45:3 | 17:1 134:23 | minimus (1) |
| 137:5 | 108:1 | meaningles... | 45:17,23 | 142:15 | 74:3 |
| marketing ... | McCARRI... | 106:24 | 46:6 58:24 | met (6) 65:5 | minute (2) |
| 62:25 | 1:16 42:9 | means (7) | 61:6 62:17 | 84:7 85:9 | 23:15,17 |
| marking (1) | 42:10,16,20 | 10:10,23 | 86:4,14,17 | 101:21 | minutes (1) |
| 7:17 | 42:25 43:12 | 33:18 35:3 | 86:24 87:5 | 120:6 | 48:10 |
| mass (6) 68:2 | 43:19 44:1 | 36:11,11 | 87:16,25 | 131:17 | mitigate (1) |
| 84:16 89:22 | 44:13,18 | 136:4 | 89:17 90:12 | meter (2) | 84:17 |
| 89:25 90:10 | 45:17 86:14 | meant (1) | 90:19,23 | 56:9,9 | mixed (1) |
| 133:4 | 86:17,24 | 10:9 | 91:7,14,21 | Mews (1) | 59:25 |
| massive (4) | 87:5,16,25 | measure (2) | 92:6 111:16 | 76:10 | Mm-hmm |
| 85:1 89:20 | 123:16,21 | 22:22 42:18 | 113:17 | Michael (3) | 37:22 |
| 90:8 129:6 | 124:14 | measured (1) | 118:14 | 1:15 126:19 | model (2) |
| master (17) | 134:14,15 | 63:11 | 120:25 | 141:13 | 25:4 72:3 |
| 53:18,19 | 134:24 | measuring ... | 121:19 | mid-rise (1) | modeled (2) |
| 66:12 76:5 | 135:3 | 98:3 | 122:4 | 85:2 | 10:11 25:4 |
| 76:25 77:4 | McCOMB ... | Medici (2) | 123:16,21 | middle (2) | moderate (1) |
| 77:8 82:25 | 93:18,18 | 82:17 85:10 | 124:14 | 53:24 | 73:13 |
| 83:21 92:21 | 94:6,12,15 | meet (4) 4:11 | 125:11,17 | 103:18 | momentari... |
| 93:1,8 | 94:21 95:2 | 57:11 | 125:19,24 | Mike (3) | 112:13 |
| 100:21 | 95:22 96:2 | 127:11,13 | 126:5,12,18 | 128:22 | money (4) |
| 107:1,7,13 | 96:14 | meeting (7) | 126:21,24 | 129:8 | 77:15 132:5 |
| 107:16 | 103:23,23 | 38:5 40:5 | 128:16,20 | 130:11 | 132:7,8 |
| matched (1) | 104:17,17 | 57:8 77:7,7 | 129:11 | mile (2) | Monna (1) |
| 60:3 | 104:23 | 124:17 | 130:18,22 | 30:16 80:1 | 129:14 |
| matches (1) | 105:3 | 125:7 | 130:25 | miles (9) 30:8 | month (1) |
| 31:9 | 107:25 | meetings (1) | 131:8,8,19 | 30:9,17,23 | 71:3 |
| material (1) | 108:3 | 120:12 | 132:2,18,23 | 41:4 47:10 | months (1) |
| 54:18 | McDonoug... | Mel (1) 41:2 | 134:15,24 | 47:19 48:21 | 60:22 |
| materially ... | 63:21 64:3 | member (1... | 135:3 | 108:6 | moot (1) |
| 37:7 | 64:4,10 | 1:12,13,13 | 138:13 | Millburn (1) | 44:17 |
| materials (4) | 65:23 85:17 | 1:14,15,15 | 139:21 | 50:25 | morning (9) |
| 60:21 61:4 | 86:1 95:7 | 1:16,16 | 140:4,7,8 | milling (1) | 24:12 26:6 |
| 73:7 131:23 | 103:25 | 3:12 12:18 | 140:14,21 | 138:23 | 26:7,11,13 |
| matriculat... | 124:12 | 12:20 13:11 | 140:25 | mimic (1) | 26:13,21 |
| 62:4 | 128:3 | 14:3,8 | 141:6,12,15 | 72:4 | 27:19,22 |
| mattress (1) | mean (17) | 15:10 16:25 | 141:17 | mind (7) | Morris (2) |


| 63:24 64:6 | multiple (3) | NcDONO... | 69:24 70:14 | 89:22 91:15 | northerly (3) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| motion (13) | 74:14 75:10 | 2:11 | 90:1 92:15 | 92:18 96:13 | 29:18 51:24 |
| 125:7,8,16 | 99:22 | near (1) 8:8 | 98:22 100:8 | 98:12 119:7 | 52:6 |
| 125:20 | municipal (... | nearly (1) | 100:10 | 120:9 | northern (4) |
| 126:2,25 | 1:2 4:2 | 55:11 | 106:15 | 131:16,16 | 8:19,25 |
| 139:20,20 | 13:24 41:24 | necessarily ... | 107:8 | 138:22,24 | 9:17 95:12 |
| 139:22 | 66:11 68:8 | 82:14 | 109:18,19 | Nielsen (1) | northern-t... |
| 140:6,9,13 | 75:9 78:14 | necessary (1) | 118:24 | 77:16 | 9:2 |
| 141:18 | 87:9,20 | 140:22 | 129:24 | nightly (1) | Notary (1) |
| motorists (1) | municipali... | need (20) | 134:7 139:1 | 64:25 | 142:11 |
| 33:7 | 51:10 | 3:20 4:7 | 139:7 | nine (27) | note (1) 88:6 |
| mountain (1) | municipali... | 12:4 20:14 | neighborin... | 3:18 9:20 | notice (1) |
| 54:21 | 14:1 138:9 | 20:24 33:24 | 64:22 100:1 | 11:21,23 | 18:22 |
| Mountains... | Myrtle (1) | 35:18 55:22 | 101:2,25 | 23:25 24:4 | now's (1) |
| 50:24 | 120:4 | 62:12 65:15 | 105:2 | 25:20 26:5 | 110:19 |
| mounted (1) |  | 66:10 91:18 | 109:15 | 26:10,18,20 | nuisance (1) |
| 5:12 | N | 91:18 99:7 | neighbors (1) | 27:18 28:11 | 80:25 |
| move (10) | N (12) 1:20 | 104:4,7 | 120:5 | 28:21 38:13 | nuisances (1) |
| 4:19,21 | 5:15,15 | 112:25 | network (2) | 42:4 69:22 | 73:22 |
| 7:10 49:16 | 50:7,7 | 125:7 128:5 | 24:18 27:1 | 70:2 72:16 | number (16) |
| 53:6,10,16 | 63:24,24 | 137:16 | new (31) 1:3 | 74:13 77:5 | 34:2,6 |
| 98:19 119:8 | 106:1 108:1 | needed (1) | 1:23 5:15 | 87:6 91:9 | 35:24 42:24 |
| 120:10 | 110:1 | 120:15 | 5:23 6:7 | 93:22 | 71:13,20,24 |
| moved (2) | 118:20 | needing (1) | 11:11,12 | 110:18 | 71:25 72:6 |
| 98:14,16 | 122:20 | 31:17 | 12:22 21:25 | 138:3 | 74:21 75:2 |
| movements... | name (17) | needs (7) 9:9 | 41:6 46:21 | 139:25 | 76:9,17 |
| 25:6 | 5:18 6:13 | 13:13 24:22 | 49:4 50:7 | NJIT (2) 6:6 | 86:22 95:24 |
| moves (2) | 17:11,12,16 | 31:19 32:7 | 63:24 64:6 | 50:20 | 106:15 |
| 11:6 69:18 | 19:18 21:14 | 73:16 77:22 | 69:3 71:10 | noise (1) $81: 2$ | numbers (5) |
| moving (3) | 21:15 46:8 | negative (12) | 75:12,14 | non (13) 27:5 | 11:3 23:25 |
| 54:6 128:25 | 46:12 50:10 | 36:19 66:9 | 76:14 77:23 | 27:10,16,24 | 26:20,23 |
| 136:10 | 61:10 62:19 | 75:3 80:6,7 | 92:18 | 36:6 69:12 | 28:17 |
| mow (1) | 64:2,3 | 83:15 84:15 | 100:25 | 69:13 88:25 | numerous (... |
| 88:24 | 106:3 | 86:5 89:25 | 106:1 108:1 | 100:10 | 6:12 |
| mud (4) | 111:12 | 92:19 | 109:8 110:1 | 101:10 |  |
| 59:25 111:3 | names (1) | 107:10 | 118:20 | 102:5 124:3 | 0 |
| 114:15 | 129:17 | 128:4 | 137:6 138:9 | 127:22 | O (14) $1: 11$ |
| 115:5 | narrow (1) | negatively ... | 142:12 | north (11) | 5:15 21:12 |
| multi-famil... | 8:16 | 37:7 118:16 | Newark (1) | 24:2 29:15 | 50:7 63:24 |
| 3:17 4:6 | narrownes... | negatives (2) | 6:14 | 29:20 33:11 | 63:24,24 |
| 16:19 32:18 | 8:24 | 75:4 86:5 | newest (1) | 68:12,13 | 106:1 108:1 |
| 66:7 70:24 | natural (2) | neighbor (1) | 133:12 | 96:3 106:22 | 109:8 110:1 |
| 72:2,11,12 | 88:23,24 | 131:22 | news (1) | 134:1 | 110:1 |
| 74:175:18 | nature (3) | neighborh... | 77:24 | 138:15,21 | 118:20 |
| 75:21 79:22 | 12:25 69:16 | 44:23,24 | nexus (2) | northboun... | 122:20 |
| 80:5 81:20 | 83:23 | 66:13,17 | 66:11 75:9 | 25:1 36:2 | o'clock (5) |
| 82:8 83:6 | Navajo (1) | 67:21 68:2 | nice (13) | northeast (1) | 26:13 122:7 |
| 107:2,14 | 54:17 | 68:5 69:11 | 71:16 84:20 | 27:7 | 125:2,3,9 |


| 81:2,2 | 37:2 42:6 | 27:1 29:5 | 66:13 68:18 | owner (4) | 5:23 10:1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| observatio... | 43:19 49:10 | 29:16 31:10 | 69:19 74:6 | 84:12,13 | 50:25 81:12 |
| 125:5 | 51:16,22 | 49:11 | 74:877:7 | 91:1 139:17 | parked (2) |
| obstacle (1) | 57:22 60:13 | operates (3) | 81:11 82:19 | owners (2) | 29:12,12 |
| 34:21 | 61:2 62:14 | 24:9 25:12 | 84:8 85:3 | 12:24 92:20 | parking (27) |
| obvious (4) | 65:19 66:4 | 30:4 | 86:13 91:19 | ownership ... | 4:14 8:9 |
| 23:9 35:13 | 88:1 89:14 | operating (1) | 95:17 97:14 | 19:13 136:3 | 10:4,5,8 |
| 35:16,17 | 96:14 | 24:12 | 124:5 | owns (3) | 13:25 20:8 |
| obviously (5) | 101:15 | operation (1) | 129:20 | 130:4,16,24 | 20:13,19,25 |
| 31:17 49:6 | 102:15,25 | 36:9 | 137:25 | P | 23:5 29:6 |
| 129:2 140:2 | 103:21 | operational... | 138:1,4 | P | 29:13 52:13 |
| 140:4 | 104:23,24 | 24:17 | ordinances... | $\mathbf{P}(4) 1: 20,20$ | 52:15 70:15 |
| occupation... | 105:3 109:6 | opine (1) | 83:1 | 21:12 50:7 | 71:5 72:24 |
| 73:16 | 116:10,19 | 15:23 | Ordinarily ... | p.m (7) 1:5 | 73:3,4 |
| occupies (1) | 117:14,16 | opinion (5) | 124:20 | 23:11,14,16 | 77:11,11 |
| 10:19 | 118:6 122:3 | 11:8 12:8 | organized (1) | 23:23 45:18 | 83:18 94:25 |
| occur (1) | 124:1 | 36:19 135:7 | 10:20 | 141:23 | 95:8 104:2 |
| 23:13 | 128:13,18 | 138:12 | orientation... | PA1 (1) | 104:6 |
| occurred | 139:19 | opinions (1) | 68:13 78:23 | 76:16 | part (27) |
| 60:11 | old (4) 60:22 | 121:20 | original (1) | pace (1) | 4:24 13:5 |
| occurring (1) | 92:18 | opportunit | 12:24 | 27:22 | 15:17 22:20 |
| 40:8 | 132:19 | 101:13 | out's (1) | packet (1) | 22:25 23:4 |
| odd (2) 133:1 | 138:16 | opportunit... | 84:24 | 60:18 | 23:6 28:23 |
| 136:25 | older (10) | 79:18 | outlined (1) | page (2) 2:17 | 37:147:21 |
| odd-shape... | 20:13 27:4 | 121:12,19 | 68:6 | 67:24 | 59:10 81:7 |
| 132:10 | 27:6,13 | 133:7 | outright (1) | pages (1) | 84:5 88:14 |
| oddball (1) | 52:23 77:25 | oppose (1) | 130:4 | 67:4 | 88:14 89:9 |
| 102:4 | 135:12,20 | 110:18 | outset (1) | painfully (1) | 95:6,6,10 |
| odors (2) | 139:12,18 | opposed (6) | 3:11 | 22:3 | 95:13 96:5 |
| 81:3,5 | once (2) | 39:15 54:1 | outside (3) | pains (1) | 98:21 114:6 |
| officer (1) | 39:20 88:18 | 54:23 55:9 | 52:15 54:11 | 58:11 | 114:6 140:9 |
| 35:6 | one's (2) 18:7 | 62:6 105:14 | 55:25 | paint (1) | 140:11,12 |
| offices (3) | 133:20 | opposite (2) | outweigh | 108:13 | partial (2) |
| 5:15 50:7 | one-third (1) | 34:10 35:19 | 84:21 | painted (1) | 123:23,23 |
| 63:24 | 9:8 | option (1) | overall (2) | 38:8 | partially (1) |
| official (2) | onsite (1) | 64:17 | 70:7 85:7 | panoramic ... | 124:1 |
| 16:6 131:9 | 4:13 | optional (1) | overpay (2) | 71:4 | particular ... |
| offset (2) | open (5) 46:5 | 52:18 | 137:7,11 | paperwork... | 4:9 8:24 |
| 41:22 43:17 | 70:15 92:10 | order (8) | overpopula... | 130:23 | 14:19 68:14 |
| Oh (4) 18:16 | 119:11,15 | 24:5,22,24 | 119:19 | parcel (3) | 69:4 71:20 |
| 45:6 63:4 | open-mind... | 25:22 26:14 | oversized (1) | 28:6 99:25 | 76:2,11 |
| 93:10 | 38:1 | 29:14 33:20 | 79:17 | 100:1 | 80:23 81:14 |
| okay (44) 7:2 | opened (1) | 35:4 | overview (5) | parcels (2) | 81:17 100:5 |
| 9:19 12:17 | 103:9 | orderly (1) | 5:57:8 | 87:20 | particularl... |
| 15:25 16:20 | opening (3) | 85:8 | 22:14 51:20 | 109:15 | 27:7,17 |
| 17:21,25 | 7:7 22:11 | ordinance (... | 66:1 | parent (3) | 42:270:24 |
| 18:16 20:2 | 65:24 | 11:14,21 | owned (1) | 136:4,5,5 | 79:16,25 |
| 20:21 21:2 | operate (5) | 59:21,23 | 13:8 | park (5) 5:15 | 80:4 |

161

| 22:20 | 26:5,6,7,8 | periods (1) | pick (1) | 7:19,20 | 76:15,17 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| pass (1) | 26:21 28:9 | 26:19 | 37:15 | 11:4,5 12:3 | 83:10 85:8 |
| 140:22 | 37:19 45:20 | permission... | picked (2) | 14:7 15:1 | 85:13 90:18 |
| passes (1) | 74:18 | 31:17 | 14:6 119:4 | 18:15 20:23 | 90:20 91:24 |
| 141:19 | pedestrian ... | permit (4) | pickup (1) | 23:4 28:24 | 92:4,24 |
| Paterson (3... | 40:19 71:11 | 43:20 89:10 | 14:15 | 29:2 31:12 | 99:14 |
| 1:12 38:22 | people (37) | 91:19 138:1 | picture (3) | 33:8 35:8 | 104:19,20 |
| 38:23 39:6 | 26:15 27:12 | permits (2) | 51:2 87:11 | 38:4 41:12 | 131:7 |
| 40:1,24 | 30:22 34:21 | 137:25 | 115:16 | 55:3 56:13 | 132:24 |
| 41:13,19 | 35:21 37:16 | 138:2 | pictures (5) | 58:6 59:22 | 133:13,14 |
| 42:6 58:24 | 38:13 39:7 | permitted (6) | 112:24,25 | 59:23 66:12 | plans (12) |
| 86:3,4 | 39:9 40:17 | 4:1 11:15 | 113:1,8 | 68:25 69:3 | 7:15 18:21 |
| 89:17 90:12 | 40:19 41:3 | 59:20,24 | 117:6 | 73:3 76:5 | 20:7 51:21 |
| 90:19,23 | 44:5 46:16 | 66:7 73:15 | piece (11) | 76:15,16,25 | 60:7,12,21 |
| 91:7,14,21 | 47:8,10,15 | perpetuity ... | 79:19 81:14 | 77:2,4,8 | 73:5 82:12 |
| 91:25 92:6 | 47:22,23 | 100:11 | 81:17 83:8 | 79:9,9 | 82:25 88:8 |
| 113:17 | 48:4,24 | person (1) | 100:7 103:5 | 80:22 81:10 | 93:20 |
| 126:4,5 | 77:24,24 | 131:9 | 103:17 | 83:21 88:18 | plant (1) 95:3 |
| 128:16,19 | 104:8 108:7 | personally | 107:4 119:5 | 90:6 92:22 | planted (1) |
| 128:20 | 121:17,23 | 111:21 | 132:10 | 93:1,8 94:1 | 95:16 |
| 129:11 | 122:12,15 | perspectiv | 133:1 | 95:18 | play (1) |
| 130:15,18 | 132:3 133:5 | 17:23 | pieces (1) | 100:21,24 | 98:18 |
| 130:22,25 | 136:9,10 | phase (5) | 58:17 | 100:24 | playing (2) |
| 140:24,25 | 137:7,10 | 40:18,21,22 | pile (1) 32:20 | 104:22 | 108:12,13 |
| patio (5) 53:5 | 138:9,22 | 40:23 43:23 | piling (1) | 107:1,7,13 | please (12) |
| 97:12,17,22 | perceive (1) | photo (1) | 32:13 | 107:16 | 5:17 6:1 |
| 97:25 | 133:2 | 96:21 | pit (4) 61:23 | 109:18 | 17:11,15 |
| patios (1) | percent (12) | photograp... | 82:4 94:4 | 110:14 | 21:13 22:13 |
| 73:7 | 60:16 75:22 | 67:25 68:14 | 115:1 | 128:12 | 22:15 46:11 |
| PATRICI... | 75:25 76:4 | 72:5,5 76:9 | place (9) | 140:3 | 50:9,15 |
| 1:12 | 78:4,5,7,9,9 | 99:8 110:21 | 32:20 46:24 | Plank (4) | 64:1 140:16 |
| pattern (1) | 135:16,23 | 113:21 | 93:19 | 54:11,13,18 | plenty (2) |
| 68:2 | 136:2 | photograp... | 103:24 | 54:20 | 56:6 67:18 |
| Paul (2) 1:16 | percentage... | 2:19,21 | 104:18 | planner (8) | plus (2) 98:3 |
| 133:10 | 34:2 | 67:5,12 | 108:1,5 | 4:10,22 | 140:1 |
| paved (2) | perception ... | 71:2 99:10 | 127:25 | 12:7 63:21 | point (18) |
| 71:6,14 | 24:5 | 102:13 | 131:21 | 64:20 | 28:16 31:1 |
| pavement (2) | perfect (1) | 110:20,24 | placed (1) | 136:18 | 40:5 58:23 |
| 9:5 94:3 | 91:22 | 111:7,21,22 | 108:22 | 137:1,15 | 58:23 60:23 |
| pay (1) 33:25 | perfectly (1) | 111:25 | plain (1) | planners (2) | 76:9 93:8 |
| PB14-01 (2) | 43:17 | 112:7,11 | 98:22 | 72:4 83:2 | 99:5 114:13 |
| 1:7 3:2 | performed ... | 113:20 | Plains (5) | planning (... | 114:13 |
| PE (2) 2:7 | 59:21 | 114:1,4 | 5:15,23 | 1:1 14:18 | 121:18 |
| 5:15 | perimeter (2) | 115:22 | 50:24 63:24 | 64:16 65:7 | 123:4 124:6 |
| peak (17) | 93:20 97:19 | 117:11 | 64:6 | 65:11,12 | 130:9 131:4 |
| 23:10,11,12 | period (3) | 118:5 | plan (62) | 66:1,18 | 134:11 |
| 23:17,22,23 | 23:17,18 | photos (2) | 3:24 4:16 | 68:23,25 | 139:3 |
| 24:13 25:14 | 26:15 | 71:3 111:17 | 4:18 5:1,9 | 70:22 76:1 | Pointe (14) |


| 106:19 | 24 | 1:17 | 119:20 | 128:11 | 88:13 90:11 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 136:15,16 | position (1) | presentatio... | 133:12 | 130:6 132:9 | 91:1 92:14 |
| 136:20 | 9:23 | 104:1 | 134:6 | 132:25 | 92:25 93:2 |
| 137:18,19 | positive (17) | presently (6) | problem (3) | 133:8 | 93:11,21 |
| 137:20,22 | 36:23 66:9 | 37:5 62:8 | 16:14 41:5 | 134:10,18 | 95:9,13,21 |
| 138:4,8,12 | 69:4 74:24 | 69:9 94:24 | 44:4 | 138:7,8 | 96:9,10,12 |
| 138:14,16 | 75:8 78:11 | 100:7,9 | problems (3) | projection ... | 97:9,12,20 |
| pointed (1) | 79:4,15 | preserved (1) | 57:10,12 | 22:25 | 100:6,7,9 |
| 31:25 | 80:7 83:14 | 95:15 | 115:7 | projects (2) | 100:15,16 |
| pointing (5) | 85:6,7 | presume (1) | proceed (4) | 119:7 | 102:13 |
| 80:13 94:1 | 99:24 117:9 | 61:12 | 4:3 5:13 | 134:19 | 103:5 |
| 116:7,8 | 118:15 | pretty (2) | 40:20 | promotion ... | 105:20 |
| 124:11 | 128:4 | 27:6 107:17 | 128:11 | 75:11 78:13 | 106:7,9,14 |
| points (2) | 138:12 | previous (2) | proceeding... | 78:25 | 107:4 |
| 72:20 132: | possible (1) | 8:22 120:12 | 1:8 142:13 | proof (1) | 109:13 |
| police (8) | 135:5 | previously ... | produce (1) | 78:11 | 112:14,17 |
| 15:21 16:23 | possibly (4) | 51:25 52:14 | 44:9 | proofs (6) | 112:17,19 |
| 22:16 35:6 | 40:19 44:9 | 52:19 129:7 | produced (1) | 65:12 66:18 | 112:20,21 |
| 0:2,6 | 47:20 131:1 | 134:25 | 117:3 | 75:5 85:4 | 113:2,5,9 |
| 68:18 | potential (3) | price (3) | product (24) | 127:18 | 114:7,8,24 |
| 127:13 | 22:18 39:23 | 72:20 75 | 14:24 54:15 | 132:4 | 115:20,25 |
| policies (1) | 70:1 | :22 | 69:16 70:7 | proper (4) | 116:6,8,9 |
| 76:14 | Potter (13) | pricing (1) | 72:2,6,7 | 14:12 130: | 116:11,12 |
| policy (1) | 2:10 49:17 | 62:22 | 3:974:1 | 137:16,17 | 117:12,22 |
| 76:22 | 9:22 50:11 | primarily (2) | 75:14,18,18 | properties .. | 119:6,18 |
| pollution (1) | 50:11,12,15 | 32:22 54:5 | 75:21 76:2 | 29:18 105:2 | 121:2 |
| 80:21 | 51:13,18 | primary (1) | 76:10 78:10 | 114:17 | 122:22 |
| pollutions (1) | 56:12 57:6 | 73:24 | 78:13 79:22 | 125:13,15 | 127:23 |
| 80:21 | 57:24 63:20 | principles (1) | 81:23 84:20 | 135:4 | 128:21,23 |
| pool (4) 82:3 | PP (1) 2:10 | 85:8 | 101:19,20 | property (1... | 129:2 130:1 |
| 98:16,18 | practical (1) | prior (2) 31:4 | 104:12,14 | 3:13,18 | 130:4,11,17 |
| 136:12 | 95:15 | 57:8 | products (1) | 8:13,20,22 | 131:12 |
| population... | precluded (... | privacy (1) | 76:6 | 9:11,13,15 | 132:10 |
| 76:19,25 | 9:2 | 108:18 | professiona... | 9:16,18 | 133:1 |
| 77:14 78:1 | predated (1) | private (7) | 4:9,21 5:8 | 11:22 15:15 | 134:23 |
| 78:5,6,7,12 | 124:4 | 13:23 14:2 | 6:7 7:1 12:7 | 17:22 18:2 | 135:6 |
| 84:11 | predomina... | 14:14,15,25 | 21:25 63:21 | 18:7,10,17 | proportion... |
| portion (18) | 96:24 | 57:18,18 | 64:20 65:7 | 18:19,23 | 34:2 |
| 8:17,25 9:8 | preexisting... | privately (1) | 65:12 85:13 | 28:6,20 | proposal (10) |
| 9:8,18 | 123:10 | 14:6 | professiona... | 31:5,7,7,22 | 22:19 23:1 |
| 20:23 21:4 | 124:3 | probably (... | 4:9 65:25 | 34:18 68:6 | 29:8 33:23 |
| 49:15 58:14 | preliminar... | 6:9 7:21 | project (22) | 68:15 69:8 | 51:24 52:9 |
| 63:18 83:8 | 5:6 | 9:12 34:10 | 3:17 19:1,3 | 69:22 70:8 | 53:15 72:10 |
| 87:2 90:10 | prepare (1) | 43:3 58:13 | 25:20 44:22 | 71:5,15,22 | 81:8 90:22 |
| 95:14 105:6 | 22:12 | 58:16 59:8 | 52:23 63:10 | 79:20 81:15 | propose (2) |
| 124:17,18 | prepared (1) | 62:3,7 63:8 | 80:8 85:7 | 81:17 83:9 | 11:17 40:12 |
| 127:24 | 22:17 | 65:9 72:23 | 95:8 118:23 | 84:12,13 | proposed (... |
| portions (1) | PRESENT ... | 103:17 | 119:9 120:9 | 86:18,21 | 4:23 7:10 |


| 9:4,19 12:9 | Psychologi... | 121:10 | 48:5,8,14 | 75:19 | 25:11,18 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 14:24 28:19 | 39:7 | purposes (4) | 52:19 57:2 | quickly (1) | 72:18 81:4 |
| 30:6 42:12 | public (32) | 75:10 84:9 | 58:2,7 62:3 | 17:1 | ratable (1) |
| 50:2,3 | 12:15 19:17 | 99:15 | 62:17,24 | quiet (1) | 136:22 |
| 51:21 53:9 | 21:4 22:13 | 100:23 | 68:6 72:19 | 45:22 | rate (2) 62:6 |
| 53:23 83:24 | 24:16 46:5 | pushing (2) | 83:16 85:24 | Quinn (17) | 75:25 |
| 84:19 88:17 | 46:6 50:16 | 32:14,14 | 86:15,20 | 2:7 5:8,20 | rates (1) |
| 89:7 95:8 | 57:18 58:1 | put (20) 7:24 | 88:3,4 91:3 | 6:1,19,25 | 75:24 |
| 108:22 | 75:11 80:9 | 14:5 32:7 | 91:6,8 95:6 | 7:7 12:6,13 | ratio (2) 4:8 |
| 109:18 | 80:10,10,11 | 34:15,20 | 99:2 103:4 | 15:19 21:9 | 74:16 |
| 114:14 | 80:20,24,25 | 35:18 36:5 | 112:14,23 | 22:11 28:25 | react (1) |
| 127:20 | 82:12,13 | 71:9 77:19 | 114:6 116:4 | 31:25 51:19 | 39:18 |
| 134:22 | 92:11 105:5 | 85:5 87:6 | 116:23,25 | 52:13 127:6 | reaction (2) |
| proposing (... | 105:13,17 | 89:12,12,22 | 117:21 | Quinn's (2) | 39:22,24 |
| 9:20 11:16 | 118:15 | 93:20 94:2 | 118:1,3 | 73:3 90:5 | read (1) |
| 95:9 135:12 | 120:17,25 | 110:23 | 123:17,18 | quite (1) 26:4 | 100:20 |
| protect (1) | 121:19 | 111:8 120:2 | 124:13 |  | reading (2) |
| 34:11 | 122:4 | 133:18 | 125:2 | R | 131:20 |
| protected (3) | 123:15 | putting (4) | questionna... | R (10) 1:11 | 133:6 |
| 88:9 100:12 | 124:18 | 91:11 113:1 | 48:2 | 1:20 2:10 | real (5) $72: 1$ |
| 134:6 | 142:11 | 120:4 132:6 | questions (... | 21:12 50:7 | 92:23 |
| protection ... | pull (9) 10:12 |  | 5:6 12:4,13 | 106:1 108:1 | 103:17 |
| 88:7 104:13 | 10:13 43:21 | Q | 12:14,18,22 | 110:1,1 | 119:4 121:7 |
| provide (15) | 69:12 72:6 | Q-U-I-N-N... | 14:21 15:6 | 122:20 | realistic (1) |
| 10:10 22:13 | 74:2 75:5 | 5:20 | 17:6,8 | RA (5) $8: 6$ | 72:23 |
| 33:6 52:21 | 106:20 | quaint (1) | 36:16 37:12 | 73:12 83:7 | reality (1) |
| 65:25 76:24 | 108:8 | 129:23 | 46:4,7 | 83:8 134:18 | 95:16 |
| 77:21 78:18 | pulled (2) | qualified (4) | 48:13 49:14 | radius (3) | realize (1) |
| 79:3 105:13 | 72:14 84:16 | 6:12 64:21 | 57:23,23 | 30:15,15 | 12:6 |
| 105:23 | pulls (3) | 65:14,18 | 58:1 61:6,8 | 80:1 | realizes (1) |
| 118:15 | 77:15 101:7 | qualities (1) | 63:17 85:17 | Rahway (1) | 120:16 |
| 121:11,20 | 102:6 | 70:23 | 85:20 92:2 | 8:18 | really (24) |
| 121:21 | pumper (1) | quality (5) | 92:9,11 | railing (1) | 7:14 36:7 |
| provided (5) | 32:10 | 54:20 56:18 | 93:14,17 | 55:13 | 40:21 41:25 |
| 11:10 20:18 | punch (1) | 72:8 73:9 | 96:16 99:1 | railings (1) | 56:13 57:18 |
| 29:3 82:13 | 79:20 | 131:23 | 99:1 100:17 | 55:12 | 59:17 63:1 |
| 101:13 | purchased ... | quarter (1) | 103:2 | rainwater (1) | 65:11 74:7 |
| provides (2) | 106:8 121:2 | 80:1 | 104:16 | 61:13 | 76:1 99:12 |
| 79:17 | 121:24 | quarter-mi... | 105:5,11,16 | raised (3) | 106:9,9 |
| 101:17 | purple (1) | 69:6 | 107:21,22 | 44:10,10 | 107:7,7 |
| providing (7) | 115:16 | QUATTR... | 109:2,3,23 | 46:20 | 109:17 |
| 21:18 33:18 | purpose (14) | 1:12 | 115:14 | ramp (1) | 120:17 |
| 52:23 55:5 | 39:14 68:13 | question (47) | 116:18,23 | 24:19 | 122:23 |
| 78:22 | 75:10 76:12 | 14:11,19 | 127:15 | ramps (1) | 129:18,22 |
| 105:24 | 76:24 77:21 | 17:9 26:9 | quick (2) | 38:8 | 130:19 |
| 121:11 | 78:15,17,18 | 27:11 37:15 | 48:21 | Randolph (... | 135:3 |
| pruning (1) | 78:25 79:7 | 45:4,15 | 119:13 | 85:12 | 137:14 |
| 12:25 | 99:18,18 | 46:20 48:3 | quickest (1) | range (4) | realm (1) |


| 27:1 | 3:15 8:4 | register (1) | 119:14 | represents ... | 102:2,3,5,6 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| realtor (1) | 21:14 48:3 | 57:13 | removal (3) | 9:6 | 103:8,18 |
| 62:25 | 67:19,23 | regular (1) | 14:15,25 | request (1) | 107:5 |
| rear (7) 9:7 | 117:20 | 131:7 | 15:3 | 128:8 | 123:23 |
| 18:6 32:15 | recover (2) | regulated (1) | remove (1) | requested (1) | 137:20 |
| 53:4,14 | 34:23,25 | 9:10 | 31:19 | 140:2 | residential'... |
| 56:11 | rectified (1) | regulatin | removed (6) | requesting ... | 136:21 |
| 127:24 | 40:9 | 30:11 | 31:13,14,16 | 91:20 | residents (5) |
| reason (5) | recusal (1) | regulatio | 31:23 32:20 | 109:12 | 26:12 34:12 |
| 33:9 34:25 | 3:11 | 88:11 | 34:7 | require (2) | 101:14 |
| 74:11 76:23 | recusing (1) | regulations... | rendered (2) | 7:17 88:11 | 129:24 |
| 139:18 | 3:13 | 102:20,21 | 7:20 82:24 | required (5) | 133:1 |
| reasonable ... | recyclables... | 128:1 | rendering (... | 11:13 20:25 | residing (5) |
| 38:24 | 55:22 56:5 | Reinvestm... | 2:18,19 | 52:21 61:18 | 106:1 108:1 |
| reasons (5) | red (2) 35:15 | 79:5 | 7:19,24 8:1 | 97:19 | 109:8 |
| 85:14 86:13 | 37:17 | relate (3) | 9:4 47:6 | requireme... | 118:20 |
| 128:2,3,7 | redevelop... | 25:15 26:23 | 50:1,3 | 69:23 77:12 | 122:20 |
| recall (1) | 59:22,23 | 28:1 | 51:22 55:8 | 82:18 95:17 | resolution (... |
| 114:25 | 79:8 81:8 | related (1) | 55:18 95:24 | 97:15 | 81:15,19 |
| received (6) | 84:9 101:7 | 58:3 | renderings ... | requireme... | 103:11 |
| 4:14 7:15 | redid (1) | relates (3) | 62:21 | 4:11 57:11 | 132:19 |
| 8:1 50:4 | 106:25 | 27:25 30:8 | reorganiza... | 77:11 120:7 | resolved (2) |
| 67:13 114:1 | redirect (1) | 30:15 | 30:3 | 134:5 | 74:16 |
| recess (1) | 76:18 | relative (1) | repair (1) | requires (2) | 130:13 |
| 53:24 | redirected | 36:8 | 71:9 | 11:21 88:17 | respect (6) |
| recharges (1) | 88:12 | relatively (2) | repeating (1) | resale (1) | 3:25 66:5 |
| 62:5 | reduce (2) | 9:23 26:25 | 101:5 | 136:20 | 73:4 74:17 |
| recognize (4) | 36:4,5 | reliance (1) | replace (1) | resales (2) | 116:22 |
| 83:2 127:7 | redundant ... | 76:21 | 71:15 | 136:25 | 127:15 |
| 132:5 | 122:10 | relief (8) | replacing (1) | 137:13 | responding... |
| 134:16 | reference (1) | 11:13 73:24 | 36:2 | residence (2) | 70:4 |
| recognized ... | 7:13 | 73:25 83:16 | report (3) | 71:21 77:14 | responds (1) |
| 51:13 | reflect (2) | 84:6,7,23 | 22:15 26:23 | residences | 75:12 |
| recognizes ... | 3:15 112:14 | 102:21 | 32:22 | 71:24 | response (1) |
| 77:1 82:19 | reflected (1) | relocate (1) | Reporter (4) | resident (2) | 117:21 |
| 82:20 | 117:22 | 93:12 | 1:25 17:15 | 19:19 | rest (2) 107:5 |
| recommen... | reflective (3) | relying (1) | 106:4 | 128:24 | 139:15 |
| 6:25 22:4 | 2:19 67:12 | 5:10 | 142:11 | residential ... | restricted (1) |
| 51:13 65:17 | 67:20 | remain (7) | reports (1) | 4:6,12 | 17:2 |
| recommen... | refuse (1) | 9:9 13:23 | 77:16 | 23:12 28:14 | restriction ... |
| 38:19 83:21 | 10:6 | 14:1 27:15 | represent (1) | 69:11,14,14 | 88:12 104:5 |
| recommen... | regard (3) | 28:18 95:14 | 14:22 | 69:14,17,17 | retainage (7) |
| 77:8 | 77:9 83:9 | 135:5 | representat... | 69:25 70:14 | 55:4,5 |
| recommen... | 83:20 | remaining ... | 54:15 | 71:19 73:14 | 61:18,18,21 |
| 77:3 | regarding (1) | 8:14 | representat.. | 75:16,17,23 | 61:23,23 |
| reconciliati... | 19:24 | remember ... | 99:13 | 76:6 80:5 | retired (2) |
| 82:17,21 | regional (1) | 138:5,14 | representin... | 82:10 100:9 | 27:13,14 |
| record (7) | 9:14 | remembers... | 3:6 | 101:9,10 | returning (1) |


| revamping ... | 139:6 | roll (3) 44:5 | 38:7,18 | Scherer (7) | see (63) 9:3,7 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 34:5 | 140:13 | 126:2 | 108:9 | 1:14 126:17 | 9:23 11:4 |
| reverse (2) | right-hand... | 140:16 | safely (1) | 126:18 | 29:23 30:1 |
| 26:14 27:20 | 48:16 | rolled (1) | 31:10 | 132:17,18 | 33:16,20,21 |
| reverted (1) | right-of-wa... | 59:23 | safer (3) | 141:11,12 | 34:17 35:12 |
| 107:4 | 31:16,18,23 | rolling (3) | 36:11,14 | school (10) | 38:11 39:20 |
| review (1) | 35:14 | 36:4,5 44:3 | 38:9 | 25:8 27:20 | 42:14 43:16 |
| 15:20 | rights (1) | roof (6) 54:23 | safety (10) | 33:4 34:3 | 43:21,23 |
| revised (1) | 25:7 | 54:24 58:25 | 10:17 29:7 | 45:5,18,22 | 44:16 47:7 |
| 135:14 | ring (1) 69:6 | 59:13 84:18 | 57:13 80:9 | 48:11 | 48:1 49:8 |
| rezone (2) | Rite (3) | 84:19 | 80:11,11,18 | 135:20,22 | 51:22 57:5 |
| 83:11 | 38:17 | room (5) 9:25 | 86:11 | school-age ... | 69:23 71:20 |
| 100:14 | 106:18 | 32:16 52:17 | 127:16,21 | 136:8 | 72:4,8,15 |
| rid (2) 104:5 | 138:17 | 53:13 56:6 | sage (1) | schooling (1) | 73:22 75:9 |
| 107:14 | River (1) | roughly (2) | 54:21 | 139:15 | 75:19,22 |
| ridership (1) | 8:18 | 9:3,7 | sale (6) 13:4 | Scotch (3) | 76:12 78:1 |
| 76:20 | road (17) 8:8 | RSIS (2) 4:12 | 13:8 14:24 | 5:15,23 | 80:7,16 |
| right (57) | 8:18 10:15 | 72:25 | 75:16,19,20 | 50:24 | 81:22 82:6 |
| 7:18 18:12 | 10:16 29:20 | rule (1) $125: 3$ | sample (1) | screen (1) | 82:8,16 |
| 24:23 34:17 | 30:12 33:17 | run (5) $11: 2$ | 60:9 | 96:13 | 88:6 91:15 |
| 38:12 39:8 | 34:23,24 | 11:9,11 | samples (1) | se (1) $83: 17$ | 92:24 94:20 |
| 42:13,24 | 38:14 46:1 | 71:174:24 | 57:4 | second (10) | 94:22,24,24 |
| 43:4,5,6 | 46:2 47:12 | running (1) | Sandro (2) | 3:9,11 | 94:25 96:7 |
| 44:8 45:21 | 68:19,19 | 137:11 | 1:9 3:6 | 22:25 96:7 | 96:7,8 98:9 |
| 47:9,17,20 | 79:20 104:7 | runoff (3) | Sandy (1) | 125:8,18 | 99:8 107:8 |
| 47:22 49:5 | roadmap (1) | 84:15 | 128:25 | 126:2 140:6 | 120:10,13 |
| 53:17 56:4 | 66:4 | 114:14 | sat (1) 127:23 | 140:7,18 | 121:9 |
| 60:12,16 | roads (2) | 120:6 | satisfied (3) | seconds (5) | 130:12 |
| 64:23 65:13 | 68:17 | runs (1) | 57:19 89:3 | 23:25 24:1 | 131:4 |
| 68:13 72:2 | 129:22 | 83:23 | 134:9 | 24:4 25:16 | 133:18,23 |
| 81:4,7 | roadway (18) | rush (3) | saw (4) 57:9 | 139:5 | 138:22 |
| 90:20 94:4 | 13:24 15:15 | 138:19 | 73:3 81:16 | secretary (... | 139:1 |
| 94:7,15 | 15:16,18 | 139:6,6 | 81:19 | 1:19 67:11 | seeing (12) |
| 96:8 97:8 | 22:22 23:10 | Rutgers (1) | saying (8) | 126:3,7,10 | 11:1,1,7 |
| 102:5 | 24:18,18,20 | 64:15 | 37:4 43:9 | 126:13,16 | 17:7 21:4 |
| 103:13 | 26:25 31:9 |  | 47:15 56:22 | 126:19,22 | 29:25 46:5 |
| 110:16 | 41:24 42:3 | S | 94:23 | 140:17,23 | 49:14 61:7 |
| 113:13,17 | 68:21 70:19 | S (5) 1:20 | 108:20 | 141:1,4,7 | 63:17 94:17 |
| 114:15,17 | 70:21 71:7 | 5:15 21:12 | 116:11 | 141:10,13 | 105:6 |
| 115:5,5 | 90:7 | 21:12 | 136:2 | 141:16,18 | seeking (4) |
| 116:5,20,22 | roadways (2) | 122:20 | says (3) | section (1) | 4:4,6 58:5 |
| 118:25 | 24:7 25:3 | S-O-U-S-A... | 115:1 | 44:10 | 89:6 |
| 119:21 | roam (1) 93:7 | 96:18 | 119:25 | sections (1) | seen (3) 16:1 |
| 124:1,24 | Robert (3) | S-T-A-I-G-... | 130:21 | 131:11 | 32:18 |
| 125:10 | 1:14 126:16 | 21:16 | scale (3) 43:1 | sectors (1) | 131:10 |
| 128:22 | 141:10 | sacrificed (1) | 68:3 70:11 | 75:17 | sees (2) 44:22 |
| 130:17 | Roger (1) | 108:5 safe (4) 35.5 | scenic (2) | security (1) | 82:12 |
| 132:8 134:1 | 96:17 | safe (4) 35:5 | 84:14 98:6 | 80:17 | self-garbag... |


| 136:24 | seven (10) | 122:11 | 36:13 | 59:4 62:18 | 90:6 94:1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| self-govern... | 6:9 31:15 | showed (2) | signs (8) 31:4 | 111:12 | 95:18 100:5 |
| 136:22 | 71:17,24 | 96:22 | 33:3,4,10 | 122:5 | 100:13 |
| self-plowin... | 111:9,15,19 | 114:11 | 33:24 35:19 | sit (1) 120:13 | 101:7,8 |
| 136:24 | 112:7,10 | showing (1) | 35:19 38:10 | site (120) | 104:22 |
| sell (5) 92:17 | 140:21 | 117:10 | similar (9) | 3:24 4:11 | 110:14 |
| 106:6 129:2 | shadow (1) | shown (2) | 28:13 74:15 | 4:12,17 5:1 | 120:5 |
| 129:3 137:3 | 54:23 | 18:7 113:21 | 89:24 98:9 | 7:10,19 | 127:14,16 |
| selling (1) | shallower (1) | shows (3) | 100:2 | 8:15 10:11 | 128:12 |
| 75:20 | 53:23 | 77:25 | 109:13,14 | 10:13,14,14 | 138:18 |
| send (1) | shape (5) | 102:13 | 109:14 | 10:16,19,24 | 140:3 |
| 139:23 | 9:10 68:7 | 111:1 | 129:15 | 11:1,2,4,5 | sites (1) 79:8 |
| senior (2) | 130:1 133:1 | shrubs (1) | simple (2) | 12:1,5,9,23 | sits (2) 9:13 |
| 78:13 | 134:2 | 43:24 | 98:22 116:3 | 14:7 18:21 | 112:15 |
| 119:18 | share (2) | shutters (2) | simply (2) | 20:19,23 | sitting (2) |
| sense (8) 54:5 | 33:25 34:1 | 54:20 57:3 | 69:21 85:5 | 23:4,19 | 39:19 |
| 63:2 68:2 | shared (2) | side (17) 10:5 | single (2) | 28:13,24 | 125:12 |
| 71:4,13,18 | 70:6 79:12 | 18:13,17 | 9:21 70:21 | 29:1,9,9,10 | situation (5) |
| 71:25 91:22 | sharing (1) | 43:14 47:8 | single-fami... | 29:14,15,20 | 30:2 33:18 |
| sensitive (1) | 101:16 | 71:19,25 | 4:5 8:6 | 30:3,5,6,9 | 34:19 49:2 |
| 102:16 | sharp (2) | 75:879:15 | 11:19 28:7 | 30:10,13 | 132:14 |
| separated (1) | 47:9 48:22 | 80:6,7 | 28:8,10,14 | 31:2,4,5,8 | six (4) $13: 15$ |
| 42:15 | Shay (1) 41:2 | 83:14,15 | 29:15,22 | 31:12,20,24 | 71:17,20 |
| series (1) | shear (1) | 95:7 96:19 | 31:6 33:11 | 31:25 32:4 | 72:21 |
| 40:7 | 28:17 | 96:22,23 | 66:8 73:13 | 32:9,12,15 | size (5) 63:11 |
| serious (1) | sheet (1) | side-by-sid... | 73:15,18,20 | 32:21 33:8 | 67:4 69:21 |
| 115:7 | 95:24 | 129:21 | 74:1,9,14 | 33:14,15 | 72:18 |
| seriously (1) | sheets (1) | sides (2) | 80:16 81:16 | 34:7 35:8 | 128:22 |
| 62:9 | 7:19 | 32:15 38:9 | 81:19,22 | 38:4 40:15 | skating (1) |
| serve (1) 6:10 | shielded (1) | sidewalk (2) | 82:2,15,20 | 41:10,12 | 108:13 |
| served (1) 6:8 | 105:1 | 71:8,10 | 82:24 84:4 | 43:22,24 | skinny (1) |
| service (15) | shingle (2) | siding (3) | 90:4,6,15 | 47:2 52:2 | 100:2 |
| 24:10,10,15 | 54:9,10 | 54:13,17,19 | 98:10 101:3 | 55:3,5 | skipped (1) |
| 24:17 25:8 | Shop (3) | sight (3) | 102:3,10,12 | 56:13 58:6 | 99:4 |
| 25:13,14,17 | 38:17 | 31:12 70:17 | 106:13 | 61:17,18,19 | slab (2) 52:12 |
| 26:24 27:2 | 106:18 | 138:22 | 107:1,2 | 65:11 66:1 | 53:7 |
| 28:18 32:1 | 138:17 | sign (12) | 123:1 124:1 | 67:13 68:3 | slide (1) |
| 32:11 37:6 | Shorthand ... | 24:22 33:6 | 124:9 135:4 | 69:18,20 | 30:20 |
| 37:9 | 142:11 | 34:17 36:1 | 135:6 | 70:2,23 | slightly (3) |
| services (2) | show (12) | 36:3 38:24 | 136:12 | 71:2 72:24 | 8:5 53:22 |
| 11:10,12 | 18:1,22 | 38:24 39:1 | 137:2 | 73:11 76:16 | 69:15 |
| set (6) 7:14 | 19:11 60:12 | 39:5 44:5 | sipping (1) | 77:6 79:4 | slippery (1) |
| 7:20 66:17 | 94:13 95:19 | 138:25 | 108:7 | 79:15,24 | 109:16 |
| 88:18 | 110:21 | 139:5 | sir (13) 6:20 | 80:3,22 | slope (2) |
| 109:16 | 113:20 | signage (4) | 7:25 12:10 | 81:1,11,25 | 59:16 |
| 136:1 | 114:4 | 16:13 35:5 | 16:4 17:4 | 82:20,24 | 109:16 |
| setup (1) | 115:21 | 40:19 57:15 | 18:3,8 | 83:3,5,17 | slow (9) |
| 89:23 | 117:3 | significantl... | 19:17 46:8 | 83:18 87:24 | 30:21 39:22 |


| 47:8 48:6 | 62:24 77:7 | specifics (1) | 36:16,16,19 | 49:4 50:10 | 40:17 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 48:20 49:1 | 78:18 | 110:13 | 42:11 48:3 | 64:1 68:25 | sterling (1) |
| 49:7 | 100:25 | speed (11) | 49:18 51:19 | 69:3 76:13 | 55:7 |
| slowly (1) | 104:23 | 30:8,14,16 | 80:14 136:7 | 76:15,16,18 | stick (2) |
| 62:4 | 140:18 | 30:17,22,24 | Staigar's (2) | 76:20,22 | 54:14 |
| small (8) 8:9 | sort (3) 12:1 | 30:25 31:3 | 22:2 78:19 | 77:2 78:9 | 132:19 |
| 8:20 53:14 | 86:10 102:4 | 31:9 46:16 | stairs (3) | 79:9,9 | stock (5) |
| 58:13 69:25 | sought (1) | 49:7 | 52:18 53:14 | 88:11 | 75:12 76:3 |
| 83:8 129:23 | 19:5 | spell (7) 5:18 | 53:20 | 102:20,21 | 76:4,5 |
| 132:9 | sounded (1) | 17:15 21:14 | stairwell (1) | 119:25 | 136:11 |
| smaller (7) | 41:3 | 46:12 50:10 | 57:18 | 128:1 | stone (1) 55:6 |
| 53:22 87:21 | sounds (2) | 64:2 106:3 | stairwells (1) | 142:11 | stop (21) |
| 87:21,21 | 38:25 41:14 | spelled (1) | 57:16 | state-mand... | 24:22,22 |
| 133:4,20,20 | Sousa (11) | 64:4 | stalls (5) 10:2 | 13:20 | 26:18 34:17 |
| smart (1) | 96:17,17,25 | spend (4) | 10:5,8,9 | state-wide ... | 34:20 35:18 |
| 131:15 | 97:4,11,16 | 75:1,3 | 20:17 | 78:2 | 35:20,21,22 |
| snow (7) | 97:21,25 | 132:5 | stand (1) | stated (3) | 36:1,2,5 |
| 14:15 15:3 | 98:4,11 | 133:13 | 17:11 | 51:25 52:14 | 39:2,4 |
| 32:13,14,19 | 99:2 | spends (1) | standard (5) | 61:16 | 43:21 44:5 |
| 32:20 45:8 | south (4) 1:3 | 77:15 | 4:13 85:10 | statement (4) | 48:12 |
| snowplowi... | 12:22 24:3 | spent (3) | 85:11,11,13 | 7:8 22:11 | 138:25,25 |
| 12:24 32:14 | 30:13 | 77:17 | standards (2) | 65:24 | 139:4,5 |
| snowstorm... | southboun... | 125:14 | 13:24 136:1 | 122:16 | stopping (2) |
| 45:12 | 24:11,25 | 132:20 | standpoint ... | station (4) | 30:9 47:20 |
| so-called (1) | 33:2 | spoke (1) | 68:23 70:22 | 68:23 69:6 | stops (3) 36:4 |
| 80:25 | southeast (1) | 86:25 | 71:23 74:4 | 72:3 138:21 | 36:5 44:3 |
| soften (1) | 43:13 | spot (1) | 76:1 80:17 | stations (3) | storage (1) |
| 84:16 | southerly (3) | 131:13 | 80:18,18,19 | 69:2,2,5 | 56:1 |
| solely (1) | 8:12 52:2 | Springfield... | 83:10 85:14 | Statisticall... | store (1) |
| 6:21 | 58:14 | 50:24 | 92:24 99:15 | 26:19 | 103:9 |
| solid (1) | space (2) | sprinklers | stapled (1) | statutory (1) | stories (3) |
| 80:21 | 101:16 | 57:21,21 | 67:4 | 85:9 | 72:15 74:21 |
| somebody (... | 135:6 | Spruce (1) | Star (1) 8:7 | stay (4) 44:21 | 74:22 |
| 39:21 119:1 | spaces (7) | 120:3 | staring (2) | 123:12 | story (1) |
| 123:2 | 9:25 10:1 | square (14) | 93:22 94:18 | 124:8 | 84:23 |
| Somebod | 20:13 52:13 | 8:5 11:18 | start (7) | 125:20 | straight (6) |
| 62:11 | 52:15 72:24 | 11:18 53:8 | 26:16,18 | staying (1) | 10:15 15:11 |
| Somerset (1) | 104:4 | 63:8,12 | 48:20 66:16 | 141:21 | 18:11 54:10 |
| 50:25 | span (1) 78:3 | 72:18 74:9 | 67:23 82:5 | stem (1) | 54:24 70:18 |
| somewhat (... | speak (1) | 74:10,11,12 | 85:21 | 35:17 | street (32) |
| 32:17 58:3 | 105:17 | 84:1,3 | started (2) | stems (1) | 1:22 8:10 |
| 69:8 70:12 | speaks (1) | 85:13 | 89:21 | 135:13 | 9:24 15:2 |
| son (3) | 79:1 | ss (1) $138: 4$ | 103:15 | stenograph... | 17:13 19:20 |
| 111:23 | special (2) | St (1) 119:17 | state (29) | 142:14 | 23:10 34:10 |
| 112:7,11 | 73:16 76:23 | Staigar (16) | 5:17 6:7 | step (1) $54: 7$ | 34:16 35:16 |
| soon (1) | specific (2) | 2:8 16:22 | 13:16,17 | Stephen (2) | 35:16,19 |
| 124:24 | 107:4 | 21:9,16,17 | 17:11 21:13 | 1:22 3:5 | 36:2 38:9 |
| sorry (7) 14:9 | 116:18 | 21:22 22:10 | 21:25 46:8 | stepping (1) | 38:16 45:22 |


| 46:10,23,24 | 22:12,17 | suitable (3) | 7:9 55:21 | takes (6) 25:2 | 83:22 97:15 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 62:20 68:17 | 25:19 26:4 | 70:24 79:25 | 67:21 68:5 | 39:19 48:9 | 97:25 130:7 |
| 76:10 99:24 | 40:2 45:4 | 80:4 | 69:9,13 | 82:11 | ten-foot (2) |
| 108:6 109:8 | 45:18 46:14 | suited (1) | 71:18 102:2 | 125:20,23 | 97:18 130:8 |
| 110:1 | 46:15,25 | 79:16 | 102:7 | talk (4) 24:15 | ten-year (1) |
| 113:15 | 47:2 77:16 | sum (2) | surrounds . | 73:19 | 78:3 |
| 122:18,20 | 106:18 | 124:24 | 66:14 | 101:23 | tend (1) |
| 133:24,24 | stuff (4) | 127:4 | survey (1) | 119:19 | 129:25 |
| 134:2 | 56:13 61:13 | summati | 19:2 | talked (3) | terms (20) |
| streets (4) | 99:8 108:14 | 127:1 | surveyor (2) | 100:24 | 20:19 23:4 |
| 33:4 107:2 | subcode (1) | summing (1) | 88:16,20 | 103:11 | 28:15 36:8 |
| 107:2,14 | 16:6 | 124:21 | sworn (10) | 134:19 | 71:2 73:4 |
| strict (1) 70:2 | subdivision | Summit (1) | 5:16 21:12 | talking (7) | 73:24 75:16 |
| strike (1) | 19:4 70:1 | 50:25 | 50:8 63:25 | 12:21 28:5 | 75:19,20 |
| 90:4 | 82:16 106:8 | sums (1) | 106:1 108:1 | 53:17 89:19 | 76:2 78:10 |
| string (1) | subject (2) | 124:24 | 109:8 110:1 | 97:2 104:12 | 80:8,11 |
| 70:14 | 8:3 140:3 | sunbursts (1) | 118:20 | 139:13 | 82:16 86:10 |
| strip (1) | submarket... | 55:14 | 122:20 | talks (4) 33:1 | 99:15 101:6 |
| 106:18 | 75:17 | super (1) | system (3) | 34:9 92:22 | 122:15 |
| striped (2) | submitted | 138:8 | 57:15 62:5 | 93:1 | 124:7 |
| 10:8 44:9 | 4:18 5:11 | superimpo... | 62:5 | $\boldsymbol{\operatorname { t a n }} \mathbf{( 2 )} 94: 2$ | terrible (1) |
| strokes (1) | 60:8,22 | 23:2 26:24 | systems (1) | 98:8 | 108:16 |
| 83:1 | subsequent... | supersede (1) | 55:13 | tantamoun... | test (4) 66:5 |
| stronger (1) | 136:17 | 123:24 | T | 83:11 | 84:5 85:9 |
| 78:1 | subseque | supervised | T | TARANTI... | 137:19 |
| structure (... | 110:13 | 57:14 | T (10) 5:15 | 1:16 111:16 | testified (19) |
| 58:9,12,20 | substantial... | support (2) | 21:12 35:12 | 125:17 | 5:16 6:3,15 |
| 58:22 59:14 | 77:18 80:17 | 69:1 139:18 | 35:17 50:7 | 132:23 | 12:16 21:12 |
| 63:9 71:5 | 80:19,20 | supposed (2) | 50:7 68:16 | target (1) | 50:8,23 |
| 85:1,2 90:8 | 81:10 86:9 | 88:24,24 | 69:5 80:2 | 68:25 | 60:6 61:4 |
| 92:13,18 | substantial... | suppressed... | 118:20 | $\boldsymbol{t a x}$ (1) | 63:25 80:15 |
| 94:9 98:3 | 80:10,12,23 | 57:12,21 | table (1) | 136:22 | 105:10 |
| 98:24 | success (3) | sure (20) | 117:7 | technicalit... | 106:2 108:2 |
| 108:20 | 72:3 76:9 | 5:19 7:12 | take (17) | 74:8 | 109:9 110:2 |
| 127:19 | 106:7 | 34:8 46:13 | 22:21,23 | technically ... | 118:20 |
| 129:6 | successful (2) | 57:16,19 | 23:8,14,14 | 53:1 88:17 | 122:20 |
| structures ... | 138:6,7 | 58:4 60:14 | 58:10 66:16 | tell (7) 86:18 | 127:5 |
| 51:21 79:21 | sudden (3) | 61:3 67:20 | 69:12 95:10 | 89:24 | testify (4) |
| 89:20 | 39:17 62:6 | 82:14 87:25 | 111:22 | 112:16 | 64:25 |
| stuck (1) | 106:11 | 88:8 94:10 | 113:8 | 114:9,12 | 105:13 |
| 129:23 | sufficient (2) | 112:19 | 115:14 | 116:6 | 110:4 |
| studied (1) | 33:15 48:6 | 115:15 | 124:25 | 138:13 | 120:25 |
| 27:5 | suggest (3) | 117:18 | 125:25 | telling (3) | testifying (5) |
| studies (3) | 122:8 | 120:21 | 126:2 139:5 | 25:12 39:3 | 60:11,19 |
| 106:16,24 | 123:19 | 121:14,17 | 139:16 | 137:3 | 64:19 99:20 |
| 107:11 | 131:1 | surrounde... | taken (2) | ten (9) 8:4 | 117:18 |
| study (15) | suggestion ... | 135:4 | 111:25 | 25:16,17 | testimony (... |
| 4:20 19:21 | 111:5 122:9 | surroundin... | 142:14 | 26:13 77:4 | 19:24 21:18 |


| 22:11 49:17 | 106:25 | 118:22 | 97:6 98:7 | 75:1,3,15 | tonight (8) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51:19 65:24 | 108:10 | 119:23,24 | 99:11 | 75:19,19 | 44:16 |
| 65:24 66:4 | 132:12 | 120:9,14 | 106:13 | 85:18 104:1 | 120:11,14 |
| 78:20 | 133:12 | 127:4,18 | 119:3,21 | 104:14 | 120:19 |
| 105:23,24 | 134:6 | 128:2,7 | 121:2 123:1 | 105:9,12 | 125:15 |
| 106:17 | 136:13 | 131:16 | 129:4 131:2 | 108:8,12 | 131:20 |
| 107:24 | 137:24 | 132:11,25 | 132:19 | 109:11 | 133:7 |
| 116:24 | things (12) | 133:5,23 | 133:17,19 | 110:19 | 134:16 |
| 118:15 | 12:24,25 | 134:3,10 | three-bedr... | 122:15 | top (3) 59:3,6 |
| 121:11,20 | 13:1,9 | 135:7 | 4:24 52:3,5 | 125:7,8,12 | 120:8 |
| 122:5,16,24 | 36:11 45:8 | 136:16 | 52:7 | 125:13 | total (4) 53:9 |
| 127:3,5 | 54:12 66:10 | 138:8 139:7 | three-famil... | 128:24 | 78:5,5,7 |
| 133:16 | 73:20 82:5 | 139:12 | 106:12 | 132:20 | touch (1) |
| 134:4,8 | 93:7 124:12 | thinking (1) | three-hour ... | 133:14 | 115:7 |
| 136:6 | think (89) | 130:5 | 26:15 | 135:17 | touches (1) |
| 140:11 | 13:11,15 | third (13) | three-hous... | 136:14 | 9:16 |
| textbook (1) | 15:22 16:15 | 8:12 31:5,7 | 106:8 | 139:20 | town (25) |
| 83:4 | 33:8 34:1 | 47:24 53:1 | three-part ... | 141:21 | 3:18 15:12 |
| thank (31) | 35:5,7,25 | 54:1 86:20 | 67:3 | times (14) | 46:21 52:3 |
| 7:3,4 12:11 | 36:4,7,7,12 | 93:24 96:7 | three-story... | 10:24 26:16 | 52:4,21 |
| 19:15 21:9 | 37:20,23 | 105:20 | 9:20 51:25 | 26:17,18 | 59:24 68:9 |
| 22:6,7 | 38:2,11,12 | 106:1,21 | 58:9 129:12 | 32:19 47:18 | 77:15 85:12 |
| 36:15 37:10 | 38:19 39:7 | 129:4 | 129:13,16 | 63:13 69:22 | 96:3 97:6 |
| 42:7 49:18 | 39:10,13 | Thomas (3) | 129:17 | 99:22 | 97:22,24 |
| 51:15,17 | 40:5 48:3 | 2:7 5:7,19 | threshold (3) | 119:20,21 | 102:7,9 |
| 57:22 63:20 | 56:20 59:12 | thought (6) | 74:8,15 | 128:23 | 107:3,6 |
| 65:20 85:16 | 60:22,23 | 41:9 56:17 | 84:3 | 129:8 | 119:7 120:9 |
| 102:25 | 62:2 70:4 | 104:8 | thrown (1) | 130:12 | 136:19,21 |
| 103:21 | 72:13,19,22 | 129:17 | 119:24 | Timmy (1) | 136:25 |
| 107:18 | 74:16,25 | 131:21 | Thursday (2) | 126:22 | 138:10,20 |
| 108:24 | 75:4 76:7 | 134:25 | 23:7,7 | TIMOTH... | townhouse ... |
| 118:10 | 78:11 79:1 | thousand (1) | Tim (1) | 1:15 | 26:5,5 |
| 120:19 | 79:21 81:13 | 68:22 | 141:16 | tipped (1) | 28:22 41:10 |
| 124:15 | 81:13,18 | three (46) | timberline ... | 136:16 | 51:23 52:1 |
| 128:12,14 | 82:21 83:3 | 2:19 22:20 | 54:9,23 | today (7) | 59:20 73:21 |
| 131:5,18 | 83:9,13 | 28:2,7,8,9 | time (50) | 36:14 54:8 | 73:22 75:17 |
| 132:1 133:9 | 84:6,20 | 28:10,11,14 | 6:10 12:13 | 78:6 112:2 | 77:4 89:23 |
| 141:20 | 85:2,5 89:6 | 29:21 47:18 | 14:23 19:4 | 112:15 | 129:19 |
| that' (1) | 95:5 98:21 | 52:3,5,7 | 19:10 23:18 | 114:10 | 136:14,15 |
| 116:19 | 99:9 100:13 | 53:2,17,23 | 25:2 26:19 | 132:17 | 137:6 138:4 |
| they'd (1) | 101:6,10,17 | 54:2 58:17 | 33:21,21 | today's (1) | townhouse... |
| 89:8 | 102:6 | 60:22 64:24 | 36:17 39:18 | 7:24 | 82:6 |
| thing (17) | 107:12 | 66:10 67:4 | 39:22,24 | toes (1) | townhouse... |
| 39:12,23 | 108:21 | 67:12 68:9 | 42:12,19 | 136:16 | 2:19 9:21 |
| 40:6 41:14 | 109:10,16 | 71:13 72:15 | 44:3 45:18 | Tom (2) 62:3 | 25:21,21 |
| 47:2,25 | 109:18,20 | 72:17 74:21 | 46:24 48:6 | 73:3 | 26:10,20 |
| 59:16 92:18 | 111:16 | 90:14 91:8 | 48:15,15 | tones (1) | 28:12 50:2 |
| 93:3 106:10 | 112:25 | 91:15 94:2 | 57:24 62:8 | 54:14 | 50:4 83:22 |


| 91:9 101:3 | Transcript ... | 31:19 55:17 | turning (5) | 23:20,22 | 106:12 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 110:18 | 1:7 142:13 | 58:17 | 22:22 47:22 | type (16) | 114:5 |
| 129:20,21 | transforma... | trimmed (2) | 48:19 49:1 | 13:15 24:6 | 121:14,22 |
| 136:20 | 80:4 | 31:13,23 | 109:12 | 24:20 69:15 | 128:21 |
| 137:3 138:1 | transforme... | trip (8) 25:24 | twenty (9) | 72:2 75:14 | 129:19,25 |
| 138:2 140:1 | 79:14 | 25:25 26:2 | 41:7 67:17 | 76:4,6,8 | 133:2 |
| towns (5) | transit (6) | 27:9 28:8,9 | 87:14,19 | 78:13 79:23 | understan... |
| 64:24 68:9 | 72:9 76:19 | 28:15 136:8 | 103:19 | 101:20 | 13:3 17:4 |
| 87:19 102:8 | 77:2,3 | trips (10) | 105:21 | 104:11 | 29:3 113:12 |
| 137:1 | 92:25 93:2 | 26:7,8,10 | 106:6 131:7 | 128:5 | understood... |
| township (4) | transit-orie... | 26:21 27:25 | 135:23 | 137:15,18 | 121:17 |
| 9:17 55:4 | 80:2 | 27:25 28:1 | twice (2) 32:2 | types (2) | undersuppl... |
| 68:10,12 | Transporta... | 28:2,10,11 | 72:25 | 44:24 75:16 | 76:2,8 |
| township's ... | 25:23 | trouble (1) | two (43) 9:24 | typical (2) | underutiliz... |
| 31:17 | trash (6) | 40:14 | 10:1 23:15 | 16:18 23:10 | 79:8 |
| traditional ... | 14:14,25,25 | truck (6) | 23:16 26:14 | typically (5) | undevelope... |
| 66:6 82:6 | 15:2 55:22 | 10:12 16:13 | 27:25 28:2 | 35:12 45:20 | 9:6,9 |
| traffic (47) | 55:24 | 32:2,5,10 | 28:11 29:15 | 54:8 88:10 | undoubted... |
| 4:19,20,20 | travel (2) | 32:10 | 29:17,21 | 92:24 | 21:18 |
| 15:23 16:3 | 30:16 34:24 | true (3) | 31:6 33:3 |  | undue (1) |
| 19:21 21:19 | traveling (... | 87:12 | 33:10 34:6 | U | 101:1 |
| 22:5,12,17 | 24:2,11,25 | 114:12 | 40:7 47:24 | U (5) 5:15 | unexpected... |
| 22:19,22 | 25:1 29:24 | 142:12 | 51:25 52:2 | 63:24 106:1 | 39:16 |
| 23:1,8,8,19 | 30:22 33:1 | trusses (1) | 52:5,5,5,7,7 | 108:1 | unfettere |
| 24:15,22,24 | 34:16 48:21 | 59:13 | 52:13,14 | 122:20 | 10:15 |
| 25:1,3,20 | 49:7 | try (1) 58:11 | 53:19,21,23 | U-Z-A-R-S... | unfortunat... |
| 25:25 26:25 | treated (1) | trying (10) | 54:1 67:15 | 19:19 46:14 | 130:10 |
| 28:12,21 | 55:9 | 10:16 29:23 | 71:4 72:16 | ugly (2) | Unfortunat... |
| 32:22 36:20 | trees (15) | 29:25 31:1 | 78:18 96:19 | 138:18 | 89:18 |
| 38:6 44:19 | 13:1 18:1,4 | 41:21 59:17 | 97:6 104:3 | 139:2 | unified (1) |
| 45:16 47:23 | 18:19 43:24 | 106:6 | 107:15 | ultimately ... | 79:19 |
| 48:12 78:19 | 94:17,20,25 | 113:19 | 108:8 | 36:18 37:3 | Union (16) |
| 78:21 80:12 | 94:25 95:3 | 121:25 | 119:20 | 79:14 | 1:23 6:14 |
| 80:15 | 95:10,13,19 | 130:5 | 129:14 | uncomfort... | 6:16 17:13 |
| 106:16,18 | 96:6 114:11 | turn (17) | 132:2 | 30:18 | 19:20 27:8 |
| 106:21,23 | triangle (2) | 10:12 24:10 | 141:19 | undergrou... | 50:7,12,23 |
| 107:11 | 9:8 18:7 | 24:23,25 | two-bedro... | 61:22,23 | 62:20 99:24 |
| 119:12 | triangular ... | 32:9,23 | 4:24 52:3 | Underhill (3) | 109:8 110:1 |
| 127:14,15 | 58:14 94:4 | 37:16,19 | two-car (3) | 15:21 32:24 | 113:15 |
| 136:7 | trick (1) | 40:25 46:18 | 52:12 73:1 | 38:5 | 122:18,20 |
| 138:23 | 129:13 | 48:7,16,22 | 73:1 | undermini... | unique (3) |
| train (6) | tried (3) 54:4 | 49:5 70:17 | two-hour (1) | 86:12 | 70:9,13 |
| 68:23 69:2 | 54:14 | 108:9 | 23:18 | undersized... | 83:8 |
| 69:2,5,6 | 108:15 | 138:21 | two-story (1) | 15:14 | unit (11) 9:24 |
| 72:3 | tries (1) 30:6 | turnaroun... | 58:12 | understan... | 10:1 14:4 |
| trampoline... | triggering (... | 10:8 | two-thirds ... | 27:3 28:5 | 28:9 51:23 |
| 82:4 98:17 | 84:11 | turned (2) | 8:14 | 31:3 37:23 | 52:6,18 |
| 98:19 | trim (3) | 13:25 119:8 | two-way (2) | 47:6 94:14 | 53:18 56:8 |


| 63:11,13 | 68:1,24 | 20:1,2 46:9 | 12:7 66:2 | versus (4) | 103:1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| units (45) | 69:10,12,16 | 46:9,13 | 73:12 75:7 | 27:16 36:6 | 104:15 |
| 4:24,24 | 71:23 73:19 | 47:4,13,16 | 81:9 109:15 | 74:5 112:20 | 105:4,18 |
| 10:3 11:16 | 73:20,25 | 48:9,23 | 128:10 | vested (1) | 107:18,23 |
| 13:4,15,19 | 74:25 75:9 | 49:10 | 139:22 | 81:7 | 108:24 |
| 13:20 16:19 | 76:8 78:14 | 122:17,17 | 140:1 | vibrations ... | 109:5,24 |
| 20:19 26:5 | 79:7,16 | 122:21 | varied (1) | 81:2 | 110:7 113:7 |
| 26:5,18 | 80:3,9,20 | 123:5 | 26:19 | Vic (1) 135:9 | 113:11,14 |
| 27:16,17 | 80:23 81:1 |  | variety (3) | vice (1) 137:1 | 115:12 |
| 28:10,22 | 82:11,18,24 | V | 73:17 76:6 | Victor (3) | 117:13,17 |
| 38:13 42:1 | 83:10,13,16 | V (1) 109:8 | 77:21 | 1:19 43:12 | 120:24 |
| 42:4 44:24 | 83:23 84:4 | vacancy (1) | various (4) | 55:4 | 122:3 |
| 52:10,12,18 | 85:9 87:9 | 75:25 | 4:14 12:14 | Victor's (1) | 124:16 |
| 53:23 55:24 | 91:12 | vacant (1) | 26:3 51:9 | 40:5 | 125:6 126:1 |
| 58:7 62:22 | 100:11,12 | 127:23 | vegetated (1) | view (3) | 126:14,15 |
| 72:16 73:6 | 100:14 | validate (1) | 94:5 | 17:22 51:23 | 126:25 |
| 73:14 74:4 | 101:10 | 130:6 | vegetation ... | 127:3 | 128:13,18 |
| 74:5,10,13 | 103:11 | value (1) | 31:12,20,21 | viewing (1) | 129:9 |
| 77:5,5 | 104:1 110:5 | 92:14 | 88:23 93:20 | 97:5 | 130:20 |
| 83:22 84:2 | 110:8,10,10 | values (3) | vehicle (5) | views (3) | 131:5,25 |
| 87:6,7,11 | 110:12 | 92:25 93:2 | 23:25 24:4 | 84:14 98:5 | 132:16,21 |
| 120:7 | 123:10,22 | 106:10 | 29:24 33:19 | 98:6 | 133:9 |
| 135:23 | 124:2,3,9 | vantage (1) | 34:21 | Villaggio (... | 134:13,21 |
| 138:5 | 124:11 | 139:3 | vehicles (12) | 1:14 3:1,8 | 135:1,9 |
| unknown (1) | 127:23 | variable (1) | 10:10,11,18 | 3:14 7:2 | 139:9,19 |
| 82:11 | 128:9 | 52:24 | 23:21,24 | 12:17 14:16 | 140:5,10,15 |
| unsignalize... | 131:17 | variance (36) | 24:2 30:2 | 14:20 15:5 | 140:19 |
| 24:21 | 139:24 | 4:7,7 11:24 | 30:14 32:1 | 16:7 17:5 | 141:8,9 |
| unusual (1) | uses (8) | 56:15 65:11 | 32:11 78:23 | 17:10 19:16 | Villaruat (5) |
| 32:17 | 25:25 26:3 | 66:2,6 | 104:13 | 19:23 20:3 | 1:9 3:7 |
| unwilling (1) | 26:3 73:15 | 73:25 74:3 | vehicular (1) | 21:3 37:11 | 14:17 130:3 |
| 37:24 | 73:16 77:22 | 74:3,7,20 | 71:11 | 38:21 39:11 | 130:16 |
| up-zone (1) | 82:5 136:15 | 74:20,25 | Vena (16) | 42:8 45:1 | Vinegra (32) |
| 99:25 | usually (2) | 82:18 83:10 | 1:15 41:17 | 46:3 49:13 | 1:19 13:14 |
| upgraded (2) | 93:7 120:13 | 83:13 85:4 | 125:11,19 | 51:16 56:24 | 14:5,13 |
| 33:5 60:20 | utilities (4) | 91:12,18,18 | 125:24 | 60:5,13,17 | 15:14,25 |
| upper (4) | 11:9,10,11 | 91:20,22 | 126:20,21 | 61:2 62:16 | 16:2,5,9,12 |
| 18:14 25:11 | 56:8 | 100:22 | 128:22 | 63:16 65:19 | 16:20 38:2 |
| 52:25 53:16 | utilize (2) | 109:11,12 | 138:13 | 66:19,25 | 38:17 40:11 |
| usable (2) | 25:22 32:4 | 109:21 | 139:21 | 67:6,10,22 | 41:5,23 |
| 86:18 87:1 | utilized (1) | 110:6,8,10 | 140:4,8,13 | 85:23 86:2 | 43:7,11,15 |
| use (69) 3:22 | 19:2 | 110:11,12 | 140:14 | 86:16 88:2 | 43:20 44:4 |
| 4:2,5 10:25 | utilizes (1) | 124:5 | 141:14,15 | 89:15 90:17 | 44:8,15,20 |
| 11:8,14,21 | 26:2 | 127:19 | veneer (1) | 90:21,25 | 59:19 60:2 |
| 23:12 28:20 | utilizing (1) | 128:9 | 55:6 | 91:5 92:1,8 | 87:12,18 |
| 54:9 56:15 | 55:25 | 139:25 | vent (1) 81:5 | 93:13,16 | 88:15 89:4 |
| 57:14 59:25 | Uzarski (17) | variances (... | versa (1) | 94:19 96:15 | 127:14 |
| 66:2,6,6,12 | 19:18,19 | 3:23 4:4 | 137:2 | 98:25 99:6 | 135:11 |


| vinyl (3) | W | 92:17 | 15:18 29:16 | 68:8 69:5,5 | 112:2 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 54:19 60:7 | wait (4) | 110:17 | 35:2 39:3 | 69:8,15,21 | weight (1) |
| 60:8 | 24:23,25 | 119:19 | 41:7 47:23 | 70:1 72:6 | 83:14 |
| violated (1) | 48:11 58:6 | 120:22 | 48:2 62:7 | 72:14,20 | welcome (4) |
| 84:10 | waiting (1) | 122:16 | 78:22 | 73:6,12,25 | 64:7 103:22 |
| virtue (4) | 39:19 | 125:4 | 106:23 | 74:4,11,13 | 105:16 |
| 8:22 69:21 | walk (4) 12:3 | 137:10,10 | 111:2 | 75:24 77:5 | 118:11 |
| 79:16,25 | 38:13 47:17 | 139:11 | 113:22 | 77:7,7,18 | welfare (3) |
| visibility (7) | 48:10 | wanted (12) | 114:18,23 | 78:24 80:11 | 80:11,25 |
| 30:6,13 | walkable (1) | 45:14 60:14 | 116:22 | 82:18 83:6 | 86:12 |
| 31:2,8,20 | 79:10 | 61:3 88:5,7 | 119:3 120:8 | 83:20 84:1 | well-depict... |
| 31:24 33:16 | walked (1) | 89:19 | 130:10 | 92:8,16 | 55:18 |
| visited (1) | 119:2 | 121:14,16 | 132:14 | 93:22 94:15 | well-travel... |
| 125:13 | walking | 129:1,3,15 | 134:22 | 101:18 | 68:21 |
| visitor (2) | 96:8 | 138:19 | 135:2,5 | 102:3,20,21 | went (6) |
| 73:3,4 | wall (1) | wants (7) | ways (1) | 102:22 | 12:21 14:9 |
| visitors (3) | wallets (1) | 49:4 76:18 | 47:24 | 104:11 | 23:6,6 |
| 10:6 20:17 | 77:15 | 92:17 | we'll (16) 4:8 | 107:13 | 58:10 78:4 |
| 20:20 | walls (4) | 105:17 | 4:15 5:9 | 108:14,17 | weren't (1) |
| visual (3) | 55:19 70:7 | 107:3 | 44:25 52:16 | 108:18 | 14:18 |
| 79:1 84:17 | 79:12 | 123:15 | 52:17 57:11 | 116:16 | west (2) |
| 114:12 | 101:16 | 132:5 | 57:20 59:15 | 117:18 | 18:17 47:15 |
| visualizing ... | Walnut (30) | warning (5) | 67:23 75:2 | 120:11 | westerly (1) |
| 133:21 | 8:10 9:24 | 33:3,6 | 75:5 95:18 | 122:14 | 48:4 |
| visuals (1) | 20:6 23:9 | 35:19 38:10 | 104:21 | 123:24 | western (1) |
| 66:16 | 24:8,11, 12 | 40:19 | 111:11,14 | 127:9,9,17 | 43:14 |
| volume (8) | 24:22 33:4 | warrant (1) | we're (96) | 127:22 | Westfield (... |
| 23:21,22 | 34:10,14,16 | 33:24 | 3:21,22 4:1 | 129:6 | 6:13 9:17 |
| 24:6 25:3 | 35:11,16,16 | warranted ... | 5:10 10:16 | we've (18) | 17:24 50:23 |
| 26:11,25 | 35:19 36:2 | 35:23 85:14 | 10:23 11:22 | 11:19 13:12 | 62:20 64:22 |
| 27:15,16 | 36:9 41:1 | wash (1) | 24:6 25:17 | 32:19 55:19 | 68:12 |
| volumes (4) | 41:16 42:13 | 80:15 | 28:4 33:9 | 60:20 61:1 | 101:25 |
| 23:20,20 | 43:13 44:2 | wasn't (1) | 33:17,25 | 68:6,7,10 | 106:23 |
| 27:23 28:5 | 46:23 47:19 | 62:12 | 34:3,4 | 68:11,15 | 109:8 110:1 |
| vote (6) | 68:17 | waste (1) | 37:24 40:13 | 70:13 73:1 | 120:3 137:6 |
| 125:2 131:3 | 106:20 | 80:21 | 41:25 44:20 | 73:1,2 | 138:20 |
| 131:18,24 | 133:24 | watch (3) | 44:23 45:11 | 125:13 | wetland (1) |
| 132:14 | 138:25 | 45:9,10,10 | 48:13 52:20 | 127:11,18 | 88:22 |
| 133:7 | 139:4 | watching (1) | 52:25 53:5 | weather (3) | wetlands (1... |
| voted (1) | want (24) | 49:1 | 53:17,18 | 45:10,11 | 8:21 18:22 |
| 107:15 | 10:17 15:11 | water (8) | 54:9,16,21 | 104:13 | 18:25 62:10 |
| votes (1) | 20:15 30:19 | 62:6 80:21 | 54:24 55:4 | website (1) | 62:11 87:17 |
| 140:21 | 38:11,13,15 | 114:14,23 | 55:5 56:14 | 67:25 | 88:5,9,25 |
| voting (4) | 38:18 40:12 | 114:25 | 57:2,12 | Wednesda... | 88:25 |
| 10:24 | 42:3 43:17 | 115:3 120:6 | 58:9 59:12 | 1:4 | 102:18,23 |
| 130:13 | 43:23 48:10 | 136:16 | 59:14,16 | week (2) 32:2 | 114:18 |
| 134:16 | 58:6 76:20 | way (25) 7:10 | 61:17 64:23 | 112:4 | 115:6 120:5 |
| 140:21 |  | 10:19 13:22 | 66:7,8,9 | weekend (1) | 127:25 |


| 134:3,5 | 20:1,10,16 | 104:25 | 134:10 | yellowing (1) | 07083-7347... |
| :---: | :---: | :---: | :---: | :---: | :---: |
| whatsoever... | 21:6,10,15 | 105:6 | wouldn't (5) | 33:5 | 50:7 |
| 41:12 71:7 | 21:24 22:6 | 116:21 | 15:1 32:9 | yellowish (1) |  |
| white (5) | 36:22 37:2 | witnesses (6) | 41:20 46:1 | 9:5 | 1 |
| 55:2,12,14 | 37:8,13,22 | 12:15 14:17 | 131:22 | yield (5) | 10 (2) 1 |
| 55:17 58:17 | 39:1,9,13 | 57:25 105:9 | wrapped (1) | 38:23 39:1 | 53:15 |
| wide (4) 9:22 | 40:4 42:14 | 105:9 127:5 | 55:16 | 39:4,5,12 | 101 (2) 63:24 |
| 70:15,21 | 42:18,22 | wondered (1) | wrong (1) | young (1) | 64:5 |
| 78:22 | 43:5 45:6,9 | 56:14 | 132:11 | 27:12 | 1014 (1) |
| widow (1) | 45:15,19,25 | wonderful ... |  | younger (1) | 53:11 |
| 55:13 | 46:5,7 47:1 | 56:13 | X | 135:19 | 102 (2) 1:8 |
| widths (1) | 47:11,14 | wondering ... | x (4) 1:6,6,10 |  | $8: 4$ 1062 (1) 53.9 |
| 22:22 | 48:18,25 | 93:19 | 1:10 | Z | 1062 (1) 53:9 |
| willing (6) | 49:11,19 | wood (3) | X101161 (1) | Z (1) 122:20 | 1082 (1) |
| 5:2 31:18 | 51:3,6,11 | 51:25 55:9 | 142:23 | zero (1) | 53:12 |
| 33:25 34:8 | 51:15 56:4 | 55:16 | Y | 25:16 | 11 (5) 67:4 |
| 37:17,23 | 56:21 57:4 | wooded (7) | Y | zone (23) 4:5 | 122:7 125:2 |
| window (1) | 58:8,21 | 8:14 9:6 | yard (1) | 8:6 11:19 | 125:3,8 |
| 33:20 | 59:1,4,8 | 81:12 94:3 | 108 | 34:14 35:1 | 11:40 (1) |
| windows (8) | 60:4,10,15 | 94:6 96:24 | yards (1) | 35:2,4 66:7 | 141:22 |
| 55:15 71:21 | 60:20 61:1 | 113:20 | 130:7 | 66:8 69:14 | 114 (1) 2:21 |
| 96:20,22 | 61:7,9,14 | woodlands ... | yeah (16) | 73:13 74:2 | 12 (2) 87:7 |
| 97:1,5 99:3 | 61:16,22 | 95:20 | 11:25 16:17 | 74:19,23 | 138:2 |
| 99:4 | 62:2,14,18 | 102:12,14 | 18:24 19:25 | 81:10 83:7 | 14 (1) 138:5 |
| wing (1) | 62:23 63:4 | woods (2) | 45:6,25 | 83:8 84:9 | 14.9 (1) $78: 5$ |
| 55:19 | 63:7,12,15 | 94:7 108:11 | 63:7 87:18 | 124:1,9 | 15 (3) 23:14 |
| wish (5) | 65:4,9,16 | words (1) | 63:7 87:18 $89 \cdot 4$ 5,17 | 134:18,20 | 23:16 138:3 |
| 105:13 | 65:18 67:2 | 124:3 | 89:4,5,17 | 134:20 | 150 (6) 30:5 |
| 110:23 | 67:8,17 | work (10) 6:2 | 90:12,19 | zoned (3) | 30:7,10,15 |
| 111:8 | 86:8,19 | 6:11 26:15 | 95:22 | 81:11,12 | 33:17 63:8 |
| 118:15 | 87:3,8 | 27:20 35:7 | years (19) | 102:12 | 16 (2) 53:15 |
| 122:12 | 88:10 90:3 | 50:16 57:19 | 27:11 41:7 50:22 55:11 | zones (1) | 103:12 |
| wishes (2) | 90:16 91:6 | 59:21 61:17 | 50:22 55:11 $87 \cdot 14,19$ | 82:25 | 16th (2) 23:7 |
| 120:25 | 92:2,11,21 | 64:12 | 87:14,19 $90 \cdot 2299 \cdot 11$ | zoning (17) | 45:5 |
| 122:4 | 93:4,10,25 | working (2) | 90:22 99:11 | 40:22 66:12 | 17 (2) 67:5 |
| withdrawn... | 94:10 95:12 | 27:12,18 | 99:11 103:7 | 69:19,23 | 135:23 |
| 19:7 | 96:1,11,21 | workout (1) | 103:12,20 | 74:6 78:15 | 18 (3) 73:1,1 |
| witness (147) | 97:2,7,14 | 55:23 | 105:21 | 81:18 82:19 | 131:10 |
| 2:5 5:19,22 | 97:18,23 | works (1) | 106:6 | 82:25 84:8 | 19 (2) 103:7 |
| 6:20,23 7:3 | 98:2,6 99:1 | 116:22 | $107: 15$ 119.4 | 100:21,24 | 131:10 |
| 7:25 13:2 | 99:10,14,19 | world (1) | 119:4 124 | 101:24 | 1900s (1) |
| 15:22 16:1 | 99:22 100:4 | 72:1 | 127:24 | 102:1,7 | 103:7 |
| 16:4,10,13 | 100:19 | worried (1) | 131:7 | 124:4 131:8 | 1984 (1) |
| 16:17,24 | 101:5,15 | 93:5 | years-old (2) 92:16 136:6 | 0 | 50:20 |
| 17:3,7,8,25 | 102:1,11,19 | worse (3) |  |  | $1988 \text { (2) }$ |
| 18:3,6,12 | 103:2,10,14 | 25:10 37:4 | $\begin{array}{\|r\|} \hline \text { yellow (4) } \\ 35: 14,22 \end{array}$ | $07027 \text { (1) 1:3 }$ $07083 \text { (1) }$ | $50: 21$ 135:13 |
| 18:16,20,24 | 103:19,22 | 47:21 | 35:14,22 | $1: 23$ | 135:13 1990 (1) 78:3 |
| 19:8,13 | 104:10,21 | worthy (1) | 37:18 68:7 | 1:23 | 1990 (1) 78:3 |



